

# Environmental protection expenditure in Europe

Data 1995-2009

2011 edition



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## Foreword

Dear Reader,

Statistics are increasingly important for the definition, implementation, monitoring and evaluation of environmental policies, in particular the sixth environment action programme, its implementing seven 'thematic strategies', the environmental dimension of the EU sustainable development strategy, and the Europe 2020 strategy for smart, sustainable and inclusive growth, adopted by the European Council in June 2010. Reliable statistics are also needed to facilitate policy coordination among Member States and to reinforce a commitment towards sustainable development and environmental goals.

The recognition of the importance of sustainable development has led to introducing environmental aspects in the formulation of policies at the national and international level. To encourage all the concerned actors to protect the environment, governments can use regulatory measures, can levy taxes directly linked to pollution or provide other economic incentives to production using less polluting techniques and to switch consumption to more 'environmentally friendly' products. The 'polluter pays' principle, which requires that the costs of pollution be borne by those who cause it, is a pillar of environmental policies.

Statistics on environmental protection expenditure and revenues refer to the money spent on all the activities and actions aiming at the prevention, reduction and elimination of pollution as well as any other degradation of the environment, resulting from the production processes or the consumption of goods and services.

This publication presents data on environmental protection expenditure and revenues of the European Union Member States, candidate countries and EFTA countries for the period 1995–2009.

The publication is structured into two main parts. The methodological information provides inputs on the concepts, data collection methodology as well as data availability while the country fact sheets give a snapshot of the main features of environmental protection expenditure and revenues in the European countries.

Eurostat would like to thank all national statistical services which have provided the data which made this publication possible.

Anton Steurer and Annamaria Szirony were responsible for managing this project at Eurostat level. Together with Maria-Jose Lopez, Céline Martin and Marco Orsini (ICEDD, Belgium) they contributed significantly to its success.

Brian Newson

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Environmental accounts and climate change

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# Abbreviations

CEPA	Classification of Environmental Protection Activities and Expenditures
CH <sub>4</sub>	Methane
CO <sub>2</sub>	Carbon dioxide
EFTA	European Free Trade Association (CH, IS, LI, NO)
EP	Environmental protection
EPE	Environmental protection expenditure
EPER	Environmental Protection Expenditure and Revenues
EXP I	Expenditure according to the abater principle
EXP II	Expenditure according to the financing principle
GDP	Gross domestic product
GFCF	Gross Fixed Capital Formation
GHG	Greenhouse Gases
JQ	Joint Eurostat/OECD Questionnaire on Environmental Protection Expenditure and Revenues
N <sub>2</sub> O	Nitrous oxide
NA	National accounts
NACE	Statistical classification of economic activities in the European Community
SBS	Structural Business Statistics
SNA	System of National Accounts
VAT	Value added tax

# Introduction

## Environmental protection expenditure: what for?

All human activities inevitably affect the environment to some degree. This means that all sectors of the economy have their specific role to play in the overall efforts to minimise the negative consequences of their activities on the environment. Governments at all levels, companies involved in industrial or other business activities, enterprises providing environmental services (such as collection and treatment of waste, or environmental consultancy), and households as consumers are all involved in curbing pollution and preserving a healthy environment.

The recognition of the importance of sustainable development has led to introducing environmental aspects in the formulation of policies at the national and international level. To encourage all the concerned actors to protect the environment, governments can use regulatory measures, can levy taxes directly linked to pollution or provide other economic incentives to production using less polluting techniques and to switch consumption to more 'environmentally friendly' products. The 'polluter pays' principle, which requires that the costs of pollution be borne by those who cause it, is a pillar of environmental policies. Measures to protect the environment are also increasingly being taken on a voluntary basis – to meet the expectations of consumers or stakeholders, to increase market shares, or to improve the corporate image, for example.

How much does a nation spend on environmental protection and what form does this expenditure take? Who is financing this expenditure? What are the effects of this expenditure? Which economic activities are induced by environmental protection? These are only a few questions which can be answered by using environmental protection expenditure data.

Used jointly with physical data, information on environmental protection can help to follow up and monitor the efficiency of environmental policy, the application of the 'polluter pays' principle and the costs of compliance with environmental regulations, and to provide a basis for cost/benefit analyses for new environmental policy proposals.

More specifically the information conveyed by environmental protection expenditure can be used for a variety of purposes:

- to analyse the economic impact of environmental policy – for example, the possible effects on the competitiveness of businesses;
- to analyse the need for environmental financing and to follow up and monitor specific support and investment programmes;
- in environmental performance reviews, to show, for example, what action countries have taken to reduce the pressure on the environment, to serve as an indicator of the response from society for reducing environmental pressure in general, and as a sustainable development indicator;
- as an internal tool to help businesses identify and minimise their costs and report to external stakeholders on action taken, and as input for financial analysts in their business evaluations;
- as a basis for descriptions of the market for environmental goods and services.

At the same time, spurring environmental protection is also an opportunity for the creation of new markets for goods and services to prevent or treat environmental damages stimulating the development of a greener economy.

Thus through the analysis of environmental protection expenditure data, the impact of environmental protection on the European economy can be characterised from two standpoints:



- the actual burden on economic activities and units resulting from environmental protection measures, seen from the viewpoint of international comparisons and competitiveness,
- economic activities induced by environmental protection.

## Structure of the publication

This publication presents data on environmental protection expenditure and revenues of the European Union Member States, candidate countries and EFTA countries for the period 1995–2009. The period can vary according to data availability for each country.

The publication is structured into two main parts.

The first part (Methodological information) gives some information on the concepts, data collection methodology as well as data availability.

This information intends to ensure a clear understanding of the data quality and the basic concepts that define the data presented in this publication. It describes the strengths and limitations of the data and how they can be effectively used and analysed. The information may also be of particular importance when making comparisons with data from other statistical sources, and when drawing conclusions regarding changes over time.

The second part (Country fact sheets) gives a snapshot of the main features of environmental protection expenditure and revenues in European countries.

# Methodological information

## Environmental protection expenditure: a definition

Environmental protection expenditure is the money spent on all the activities and actions that are aimed at the prevention, reduction and elimination of pollution as well as any other degradation of the environment, resulting from the production processes or the consumption of goods and services.

In order to be included under environmental protection, activities and actions (and related transactions) or parts thereof must satisfy the end purpose criterion (*causa finalis*), i.e. that environmental protection is their primary purpose.

Activities such as energy and material saving are only included to the extent that they mainly aim at environmental protection. An important example is recycling which is included only to the extent that it constitutes a substitute for waste management.

Excluded are activities that, while beneficial to the environment, primarily satisfy technical needs or health and safety requirements. Excluded are also expenditure linked to mobilisation of natural resources (e.g., water supply).

A complete picture of economic aspects of the preservation of the environment should add to environmental protection expenditure also data on the money spent on all activities and measures aimed at managing in a sustainable way natural resources in order to prevent or reduce depletion phenomena, as for example the reduction of withdrawals of water, fossil fuels, wood, the energy and material saving, etc.

## Environmental protection expenditure: the methodological framework

Eurostat regularly collects environmental protection expenditure data through the Joint Eurostat/OECD Questionnaire on Environmental Protection Expenditure and Revenues (JQ), a statistical questionnaire directly relying on “observable” data and flows.

### The classification of economic units

The JQ classifies units of the economy into four main sectors: specialised producers (i.e. public and private enterprises), public sector (other than specialised producers), business and households. This grouping of economic units is based on a number of distinctions made between the types of environmental protection activity they are involved in<sup>1</sup>.

Units classified as specialised producers or under public sector are units that carry out environmental protection activities *for third parties*.

The public sector comprises those units which carry out 'non-market' activities for the 'community as a whole'. Apart from legislative and regulatory tasks, government units provide environmental public goods. They also subsidise environmental protection activities directly and indirectly, for example by providing investment grants.

Specialised producers produce market environmental protection services. This group also includes those market producers that carry out environmental protection activities as a secondary activity. Specialised producers can be divided between public specialised producers and private specialised producers.

Units that carry out environmental protection activities *for their own internal use*, are part of business sector and cover internal (ancillary) activities, i.e. activities carried out on own behalf to reduce the environmental impact of their production processes. For example, businesses can invest in equipment for cleaning up pollutants (e.g.

<sup>1</sup> This classification is consistent with the guidelines for satellite accounting described in the chapter XXIX of the System of National Accounts (SNA, 2008).

filters) or in cleaner production technologies reducing emissions, they can organise internally their own waste management service, etc.

The business sector includes all activities in the classification of economic activities NACE Rev. 1.1 01 to 99, excluding public sector (falling mainly in NACE Rev. 1.1 75 'Public administration') and the activities of specialised producers (falling mainly in NACE Rev. 1.1 37 and 90 'Recycling' and 'Sewage and refuse disposal').

Although NACE Rev. 2 is to be used, in general, for statistics referring to economic activities performed from 1 January 2008 onwards, this publication refers to NACE Rev. 1.1 as this version has been used until the last collection of data in 2010. However, to give as comprehensive picture as possible on the present situation of the environmental protection expenditure and revenues in Europe, the fact sheets also contain NACE Rev. 2 data for the most recent years where NACE Rev. 1.1 figures were not available.

The households sector groups together those units that belong to the institutional sector of households in the national accounts, considered in their capacity as final consumers. Households mainly buy environmental services (for example they pay for the collection and treatment of waste).

### Expenditure concepts and variables

The JQ distinguishes two expenditure concepts: expenditure according to the abater principle (EXP I) and according to the financing principle (EXP II). The framework of the JQ is based on double entry bookkeeping, where each activity and expenditure item has an abater and a financing side. Excluded are calculated cost items such as depreciation (consumption of fixed capital) or the cost of capital as this questionnaire only records actual outlays.

For a given sector or economic unit, expenditure according to the abater principle (EXP I) comprises all expenditure by the sector on the environmental protection activities *it undertakes*. Any economic benefits directly linked with the environmental protection activities (such as the receipts from selling by-products) are deducted in order to calculate the net amount of money spent by the sector for their own activities. EXP I is then equal to the sum of investments and in-house current expenditure for EP activities minus any receipts from selling by-products of EP activities (see Table 1 below).

**Table 1** Expenditure according to the abater principle (EXP I)

Variable	Description
<b>Investments expenditure</b>	Capital expenditure and land acquisition
<b>+ In-house current expenditure</b>	Intermediate consumption and compensation of employees for the EP activities
<b>- Receipts from by-products</b>	Economic benefits linked to the EP activity
<b>= EXP I</b>	Expenditure according to the abater principle

For a given sector or economic unit, expenditure according to the financing principle (EXP II) corresponds to what they contribute to overall environmental protection activities, *whatever the unit that executes them*. This means that the part of EXP I that was directly financed by others (through subsidies or fees received) should be deducted, while the part of EXP I in other sectors that this sector finances directly (through subsidies or fees paid) should be added.

Thus, expenditure according to the financing principle is equal to EXP I plus any environmental protection services purchased from another sector or unit, less revenues from sales of environmental protection services to others plus (minus) transfers paid (received) related to environmental protection (see Table 2).

**Table 2** Expenditure according to the financing principle (EXP II)

Variable	Description
<b>EXP I</b>	
<b>+ (-) Transfers paid (received)</b>	Transfers related to EP activities, including earmarked taxes
<b>+ Fees and payments for EP services</b>	Environmental protection services purchased from another unit/sector
<b>- Revenues from EP services</b>	Sales of environmental protection services to other sectors/units
<b>= EXP II</b>	Expenditure according to the financing principle

### An example: environmental expenditure of the business sector in France

Any enterprise spends some money for minimising the impact on the environment of its production processes. Waste management, the treatment of wastewater and effluents as well as the abatement of air pollutants are some of the environmental protection activities which are usually undertaken.

The business sector in France spent in 2008 for the environmental protection activities *it undertook* EUR 6 575 million. Roughly one third of this expenditure was investments, i.e. outlays for machinery, equipment and land used for environmental protection purposes. Two third were in-house current expenditure which includes the use of energy, material, maintenance and personnel for measures made by the sector to protect the environment. A large part of in-house expenditure is often related to operating environmental protection equipment. Nevertheless there are also other in-house expenditure related to environmental protection such as general administration, environmental management and certification, research and development.

Nevertheless, the efforts of the business sector to protect the environment did not reduce to just in-house activities. The sector bought also environmental services from specialised producers and the public sector. EUR 8 680 million is the total of purchases of environmental protection services of the business sector in France in 2008.

The business sector also received some subsidies for carrying out environmental protection activities from the public sector and paid some taxes directly used for financing environmental protection expenditure – so called earmarked taxes. The amount of subsidies received by the business sector minus the earmarked taxes paid was EUR 1 308 million.

When we add the purchases for environmental services and subtract subsidies (less earmarked taxes) to the expenditure directly borne for internal environmental protection activities, we have the money the business sector spent in France in 2008 for *financing* environmental protection, which amounted to EUR 13 497 million.

**Table 3** Environmental expenditure of the business sector in France, 2008

Variable	Description	EUR million
<b>Investments expenditure</b>	Capital expenditure and land acquisition	2 407.3
<b>+ In-house current expenditure</b>	Intermediate consumption and compensation of employees for the EP activities	4 167.9
<b>- Receipts from by-products</b>	Economic benefits linked to the EP activity	-
<b>= EXP I</b>	Expenditure according to the abater principle	6 575.2
<b>- Transfers received</b>	Transfers related to EP activities received from the public sector, net of earmarked taxes	1 307.6
<b>+ Fees and payments for EP services</b>	Environmental protection services purchased from another unit/sector	8 679.6
<b>- Revenues from EP services</b>	Sales of environmental protection services to other sectors/units	not applicable*
<b>= EXP II</b>	Expenditure according to the financing principle	13 947.1

- : not available

\* For the business sector only the production of ancillary activities for the protection of the environment is recorded. If an activity is selling part of these activities, this is not considered anymore an internal activity but a secondary production and thus the activity should be recorded under the specialised producers as a secondary specialised producer.

Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

For the economy as a whole EXP I equals EXP II<sup>2</sup>, only the distribution of expenditure between sectors changes when going from EXP I to EXP II (see the example of Hungary below and in table 4).

#### An example: EXP I and EXP II in Hungary

Hungary spent in 2008 EUR 1355 million in total for the protection of the environment. The most important financer of environmental protection expenditure is the business sector, as it accounts for slightly more than half of total expenditure, as it is signalled by EXP II. The first producer of environmental protection services is the specialised producers group, which accounts for 56% of the entire production of environmental protection activities, as it is indicated by EXP I.

**Table 4:** Environmental protection expenditure in Hungary, 2008 (EUR million)

	Investments	In-house current expenditure	Fees and payments for EP services	Receipts from by-products	Revenues	Subsidies and transfers	EXP I	EXP II
<b>Public sector</b>	139	43	47	0	-	92*	182	321
<b>Businesses</b>	257	231	351	70	-	41	418	728
<b>Households</b>	-	-	23*	-	-	-	-	23*
<b>Specialised producers</b>	147	629	81	20	502*	51	755	283
<b>TOTAL</b>	543	903	716	90	502*	182*	1 355	1 355

Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

\*estimation by Eurostat

<sup>2</sup> The equilibrium will not hold when e.g. transfers are received from or are given to the rest of the world or in the case of EP services imported/exported or because of different ways of reporting of VAT. The discrepancies due to these issues should be quite small.

Obtaining data on the variables needed for calculating EXP I and EXP II can be quite resource intensive for national statistical offices. For this reason many countries have not reported any data for some variables such as receipts from by products or revenues from EP services or have not been able to distinguish current expenditure into in-house current expenditure and fees and purchases.

Taking into account the limitations that occur due to data availability, Eurostat regularly publishes the indicator environmental protection expenditure (EPE) which comprises total investments and total current expenditure. Total current expenditure is the sum of internal current expenditure and fees and payments for EP services (see Table 5). For the public sector EPE includes also the subsidies and investment grants paid to other sectors related to EP activities.

This indicator gives a rough idea of the money spent by each sector for environmental protection activities directly and indirectly, i.e. not only by producing EP activities for own use, but also by buying environmental services from other economic units and financing EP expenditures carried out by other units ('rough' because it does not take into account receipts from by-products, revenues from EP services and transfers/subsidies received).

**Table 5:** Environmental protection expenditure (EPE)

Variable	Description
<b>Investment expenditure</b>	Purchases of capital expenditure and land acquisition
<b>+ In-house current expenditure</b>	Intermediate consumption and compensation of employees for the EP activities
<b>+ Fees and payments for EP services</b>	Environmental protection services purchased from another unit/sector
<b>= EPE</b>	For all the sectors but the public sector
<b>+ Subsidies paid</b>	Subsidies related to EP activities paid by the public sector
<b>= EPE</b>	Only for the public sector

As this publication will mostly use the EPE indicator, since data availability does not allow for the calculation of EXP I and EXP II for most of the countries, it is worthwhile to point out the limitations use of this indicator.

EPE is an approximate measure of EXP II for the business sector, as for this sector receipts from by-products, revenues of EP services and subsidies tend to be less relevant than the total amount of investments and current expenditure (see table 6 below).

EPE is a measure of production of EP services (so EXP I) for specialised producers as for these producers the fees and purchases of environmental services should not be very important (see table 6 below).

For the public sector EPE, which includes also subsidies, is an approximate measure of the financing of environmental protection (EXP II) as receipts and revenues are often small and fees almost not relevant (see table 6 below).

Table 6: EPE and EXP I and EXP II

Variable	Business sector	Specialised producers	Public sector
Investments expenditure	X	X	X
+ In-house current expenditure	X	X	X
- Receipts from by-products	x	x	x
= EXP I		≈ EPE	
+ (-) Transfers paid (received)	x	x	X
+ Fees and payments for EP services	X	x	x
- Revenues from EP services	nr	X	x
= EXP II	≈ EPE		≈ EPE

X: important

x: often small

nr: not relevant

While the EPE indicator can be used for comparison of a sector among countries, it cannot be used for comparing among sectors of the same economy and to sum up expenditures from the different sectors to build up a “national” expenditure figure for a given country.

When comparing EPE of specialised producers and business for example, one must take into account that some spending for producing environmental protection services will be counted twice: by the current expenditure and investments of specialised producers which are producing the service and by the payments of business sector which is buying these services. In order to have the total amount of money which is spent by the whole economy for environmental protection, one cannot add EPE by the four sectors used by the JQ to classify the economy. Instead, a full satellite account to the national accounts would be necessary.

### The Environmental Protection Expenditure Account (EPEA)

The EPEA is a satellite account to the national accounts, based on the methodology set out in Chapter XXI of the System of National Accounts 1993 (SNA93). It is also consistent with the guidelines provided in chapter XXIX of the System of National Accounts 2008 (SNA 2008).

The EPEA was first presented in the European System for the Collection of Economic Information on the Environment (SERIEE), published in 1994 by Eurostat. The primary purpose of the 1994 SERIEE manual was to set up the conceptual framework for a monetary description of environmental-protection activities. This included the EPEA.

As a satellite account, the EPEA follows the principles of National Accounts (NA) with regards to the classification of units, valuation and categorisation of transactions. This allows to calculate an aggregate which can be compared with GDP as well as with other NA aggregates (final consumption, etc.).

After several revisions, the Joint OECD/Eurostat Questionnaire on Environmental Protection Expenditure and Revenues (JQ) is now based on an accounting structure rather close to that of the EPEA. The Joint questionnaire adopted the Classification of Environmental Protection Activities (see Table 7 thereafter) as the basic classification of environmental domains used in the reporting of environmental protection expenditure. As with the EPEA, the JQ's classification of institutional sectors follows rather closely the SNA classification, although some differences exist. Moreover the definition of environmental protection expenditure is the same in the JQ and the EPEA.

Nevertheless some differences between the two frameworks exist.

The JQ covers only 'actual' outlays excluding costs such as consumption of fixed capital. Such expenditures are included within the EPEA which then provides a more complete picture of the costs born by the economy for protecting the environment (on the use side) as well as of the size of the EP sector of the economy (on the supply side).

While in the JQ only intermediate consumption and compensation of employees are considered, in the EPEA all production costs are included through the recording of the value of output/uses. The difference mainly corresponds to the gross operating surplus (GOS), i.e. net operating surplus plus consumption of fixed capital, of producers of EP.

The inclusion of all the relevant items allows the calculation of gross and net aggregates of EP consistently and comparably with national accounts aggregates.

Some other discrepancies exist and relate to the treatment of VAT and subsidies on EP products, to the recording of secondary output, and to some transactions related to the rest of the world.

### Classifying expenditure by environmental domains

The scope of environmental protection expenditure is defined according to the Classification of Environmental Protection Activities (CEPA), which distinguishes nine different environmental domains: 1. protection of ambient air and climate, 2. wastewater management, 3. waste management, 4. protection and remediation of soil, groundwater and surface water, 5. noise and vibration abatement, 6. protection of biodiversity and landscapes, 7. protection against radiation, 8. research and development and 9. other environmental protection activities. Further details on the activities included in each class are given in the table 7 below.

CEPA specifies that environmental protection expenditure should be classified in environmental domains according to the purpose of the activity, taking into account both the technical nature and the purpose of the activity in terms of policy concern. Activities and expenditure that affect more than one environmental domain (including administration) should be allocated to the different domains involved, through the use of estimates, if necessary. Expenditure should be classified in CEPA 9 'indivisible expenditure and activities' (or 'other') only as a last resort.



**Table 7:** Classification of Environmental Protection Activities (CEPA, 2000)

CEPA class	Description
1 - Protection of ambient air and climate	Protection of ambient air and climate comprises measures and activities aimed at the reduction of emissions into the ambient air or ambient concentrations of air pollutants as well as to measures and activities aimed at the control of emissions of greenhouse gases and gases that adversely affect the stratospheric ozone layer.
2 - Wastewater management	Wastewater management comprises activities and measures aimed at the prevention of pollution of surface water through the reduction of the release of wastewater into inland surface water and seawater. It includes the collection and treatment of wastewater including monitoring and regulation activities. Septic tanks are also included. Excluded are actions and activities aimed at the protection of groundwater from pollutant infiltration and the cleaning up of water bodies after pollution (see CEPA 4). Wastewater is defined as water that is of no further immediate value for the purpose for which it was used or in the pursuit of which it was produced because of quality, quantity, or time of its occurrence.
3 - Waste management	Waste management refers to activities and measures aimed at the prevention of the generation of waste and the reduction of its harmful effect on the environment. Includes the collection and treatment of waste, including monitoring and regulation activities. It also includes recycling and composting, the collection and treatment of low level radioactive waste, street cleaning and the collection of public litter. Waste are materials that are not prime products (that is, products made for the market) for which the generator has no further use for own purposes of production, transformation, or consumption, and which he wants to dispose of. Wastes may be generated during the extraction of raw materials, during the processing of raw materials to intermediate and final products, during the consumption of final products, and during any other human activity. Residuals recycled or reused at the place of generation are excluded. Also excluded are waste materials that are directly discharged into ambient water or air. Hazardous waste is waste that due to its toxic, infectious, radioactive, flammable or other character defined by the legislator poses a substantial actual or potential hazard to human health or living organisms. For the purposes of this definition, "hazardous waste" comprises for each country all those materials and products which are considered to be hazardous in accordance with that country's practices. Low level radioactive waste is included, whereas other radioactive waste is excluded (see CEPA 7). Low level radioactive waste is waste that, because of its low radionuclide content, does not require shielding during normal handling and transportation.
4 - Protection and remediation of soil, groundwater and surface water refers	Protection and remediation of soil, groundwater and surface water refers to measures and activities aimed at the prevention of pollutant infiltration, cleaning up of soils and water bodies and the protection of soil from erosion and other physical degradation as well as from salinisation. Monitoring, control of soil and groundwater pollution is included. Excluded are wastewater management activities (see CEPA 2), as well as activities aimed at the protection of biodiversity and landscape (see CEPA 6).
5 - Noise and vibration abatement	Noise and vibration abatement refers to measures and activities aimed at the control, reduction and abatement of industrial and transport noise and vibration. Activities for the abatement of neighbourhood noise (soundproofing of dancing halls, etc.) as well as activities for the abatement of noise in places frequented by the public (swimming pools, etc.), in schools, etc., are included. Excluded is the abatement of noise and vibration for purposes of protection at the workplace.
6 - Protection of biodiversity and landscape	Protection of biodiversity and landscape refers to measures and activities aimed at the protection and rehabilitation of fauna and flora species, ecosystems and habitats as well as the protection and rehabilitation of natural and semi-natural landscapes. The separation between 'biodiversity' and 'landscape' protection may not always be practical. For example, maintaining or establishing certain landscape types, biotopes, eco-zones and related issues (hedgerows, lines of trees to re-establish 'natural corridors') have a clear link to biodiversity preservation. Excluded is the protection and rehabilitation of historic monuments or predominantly built-up landscapes, the control of weed for agricultural purposes as well as the protection of forests against forest fire when this predominantly responds to economic reasons. The establishment and maintenance of green spaces along roads and recreational structures (e.g. golf courses, other sports facilities) are also excluded. Actions and expenditure related to urban parks and gardens would not normally be included but may be related in some cases to biodiversity – in such cases the activities and expenditure should be included.
7 - Protection against radiation	Protection against radiation refers to activities and measures aimed at the reduction or elimination of the negative consequences of radiation emitted from any source. Included is the handling, transportation and treatment of high level radioactive waste, i.e. waste that, because of its high radionuclide content, requires shielding during normal handling and transportation. Excluded are activities and measures related to the prevention of technological hazards (e.g. external safety of nuclear power plants), as well as protection measures taken at workplaces. Also excluded are activities related to collection and treatment of low-level radioactive waste (see CEPA 3).
8 - Research and development	Research and development (R&D) comprises creative work undertaken on a systematic basis in order to increase the stock of knowledge and the use of this knowledge to devise new applications (see Frascati manual, OECD 1994) in the field of environmental protection. The class regroups all R&D activities and expenditure oriented towards environmental protection: identification and analysis of sources of pollution, mechanisms of dispersion of pollutants in the environment as well as their effects on human beings, the species and the biosphere. This heading covers R&D for the prevention and elimination of all forms of pollution, as well as R&D oriented towards equipment and instruments of pollution measurement and analysis. When separable all R&D activities even when referring to a specific class have to be classified under this position. Environmental R&D is further classified in accordance with the 1993 NABS (Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets, Eurostat 1994). Excluded are R&D activities related to the management of natural resources.
9 - Other environmental protection activities	Other environmental protection activities refers to all environmental protection activities which take the form of general environmental administration and management activities or training or teaching activities specifically oriented towards environmental protection or which consist of public information, when they are not classified elsewhere in CEPA. It also includes activities leading to indivisible expenditure, as well as activities not elsewhere classified.

## Environmental protection expenditure: data availability

Data on environmental protection expenditure in Europe are available by country, year and economic sector.

Data are published for the European Union as well as for each Member State separately. In addition, data for the candidate countries Turkey and Croatia and for the EFTA countries (Iceland, Norway and Switzerland) are provided, when available.

EU aggregates for EU-25, EU-27 and EU-15 are calculated by summing up the national figures. If no data are available for a certain country and year, estimations are made by Eurostat. These Eurostat estimates are not presented at national level.

**Table 8:** Countries and codes

Countries					
Belgium	BE	Malta	MT	United Kingdom	UK
Bulgaria	BG	Netherlands	NL	Cyprus	CY
Czech Republic	CZ	Austria	AT	Latvia	LV
Denmark	DK	Poland	PL	Lithuania	LT
Germany	DE	Portugal	PT	Luxembourg	LU
Estonia	EE	Romania	RO	Hungary	HU
Ireland	IE	Slovenia	SI	Switzerland	CH
Greece	GR	Slovakia	SK	Norway	NO
Spain	ES	Finland	FI	Croatia	HR
France	FR	Sweden	SE	Turkey	TR
Italy	IT				

Data are available from 1990 to 2009.

Data are available for six main environmental expenditure variables which can be regrouped as follows.

- Investment expenditure includes all outlays in a given year (purchases and own-account production) for machinery, equipment and land used for Environmental Protection (EP) purposes. EP Total investment is the sum of two categories:
  - End-of-pipe (pollution treatment) investments. These investments do not affect the production process itself, they serve to treat already generated pollution.
  - Investments in integrated technologies (pollution prevention investments). These are investments which lead to a modified or adapted production process and reduce the amount of pollution at the source.
- Internal current expenditure includes the use of energy, material, maintenance and own personnel for measures made by the sector to protect the environment. A large part of internal expenditure is related to operating environmental protection equipment. It also includes general administration, education, information, environmental management and certification, research and development expenditures.
- Other economic variables such as Receipts from by-products, Subsidies/Transfers, Fees/Purchases and Revenues.

Data are available by sectors: public sector, specialised producers (mainly NACE Rev. 1.1 section 90, partly 37 and 41), business and households. Business includes agriculture and forestry (NACE Rev. 1.1 A and B), industry

and other business activities. The latter comprise mainly NACE Rev. 1.1 sections 45-99 excluding 75 and 90 and most of 37.

Data for total industry excludes recycling activities (NACE Rev. 1.1 37) and regroups various NACE rev. 1.1 sections:

- Sections NACE C 10 – 14: Mining and quarrying
- Sections NACE D 15 – 36: Manufacturing, regrouping:
  - NACE 15 – 16: Manufacture of food products; beverages and tobacco
  - NACE 17 – 19: Manufacture of textiles, of leather and leather products
  - NACE 20: Manufacture of wood and wood products
  - NACE 21 – 22: Manufacture of pulp, paper; publishing and printing
  - NACE 23: Manufacture of coke, refined petroleum products and nuclear fuel
  - NACE 24 – 25: Manufacture of chemicals, rubber and plastic products
  - NACE 26: Manufacture of other non-metallic mineral products
  - NACE 27: Manufacture of basic metals
  - NACE 28 – 36: Other manufacturing
- Sections NACE E 40 – 41: Electricity, gas and water supply

Data are also published in NACE Rev. 2 for several countries which provided such information during the 2010 data collection exercise.

Data are available by environmental domain: air, waste, wastewater, soil, groundwater, noise, biodiversity and landscape, and other domains.

## Further Information

All data presented in this publication are available from the Eurostat Eurobase database in the environment and energy section. Main economic indicators used are from National Accounts in the economy and finance section and Structural Business Statistics (SBS) from the industry, trade and services section. Population figures (on 1 January) are from the demographic section.

From the years 1990 to 1995, few countries filled in the questionnaire. Few data are thus available for a rigorous analysis (see Environmental Expenditure in Europe, 1990 – 1999, Eurostat, 2001 (<http://ec.europa.eu/eurostat/product?code=KS-39-01-320&mode=view>)).

Eurostat's Statistics in Focus 14/2002 and 10/2005 analyse the trends and the level of EPE in European countries in 1999 and between 1995 and 2002 (<http://ec.europa.eu/eurostat/product?code=KS-NQ-02-014&mode=view> and <http://ec.europa.eu/eurostat/product?code=KS-NQ-05-010&mode=view>).

Statistics in Focus 93/2008 analyses EPE by Industry between 1997 and 2004 (<http://ec.europa.eu/eurostat/product?code=KS-SF-08-093&mode=view>).

Statistics in Focus 31/2010 details environmental protection expenditure and revenues in the EU, EFTA and candidate countries between 2001 and 2006 (<http://ec.europa.eu/eurostat/product?code=KS-SF-10-031&mode=view>).

The publication "Environmental protection expenditure in accession countries, 1996 – 2000", analyses EPE in new Members States (<http://ec.europa.eu/eurostat/product?code=KS-CM-02-001&mode=view>).

Information on the methodology can be found in the following manuals:

SERIEE - European system for the collection of economic information on the environment - 1994 version  
(<http://ec.europa.eu/eurostat/product?code=KS-BE-02-002&mode=view>)

Environmental expenditure statistics: Industry data collection handbook (<http://ec.europa.eu/eurostat/product?code=KS-EC-05-002&mode=view>)

Environmental expenditure statistics, General Government and Specialised Producers: data collection handbook  
(<http://ec.europa.eu/eurostat/product?code=KS-RA-07-012&mode=view>)

OECD/Eurostat Environment Protection Expenditure and Revenue Joint Questionnaire / SERIEE Environmental Protection Expenditure Account: Conversion guidelines (<http://ec.europa.eu/eurostat/product?code=KS-EC-05-001&mode=view>)

SERIEE - Environmental protection expenditure accounts - Compilation guide  
(<http://ec.europa.eu/eurostat/product?code=KS-BE-02-001&mode=view>)

## Country fact sheets

This part of the publication is devoted to an overview of environmental spending in the European countries.

For each country, the 'fact sheet' presents an overview of environmental protection expenditure data of the three main actors in environmental spending: the public sector, the public and private specialised producers and the industry.

The public sector groups together those units which carry out 'non-market' environmental protection activities for third parties i.e. activities for the 'community as a whole'. This group includes for example central, regional and local governments, authorities, communities and government agencies (mainly in NACE Rev. 1.1 75) which deal with general administration activities related to the environment.

Public and private specialised producers (thereafter simply specialised producers) groups together those units which produce *market* environmental protection services as principal or as a secondary activity. This group includes for example the units involved in waste and wastewater management classified under NACE Rev. 1.1 90 'Sewage and refuse disposal, sanitation and similar activities'.

It is important to make a clear distinction between public sector and specialised producers. All NACE Rev. 1.1 90 activities are accounted for in the specialised producers group. This includes the public sector related parts such as publicly owned enterprises and waste and wastewater departments in large municipalities (which can be separately identified and are thus recorded under NACE Rev. 1.1 90 in the business register). Only when the existing data sources make this kind of separation impossible, the waste and wastewater departments could be recorded under public sector.

Data for environmental protection expenditure of agriculture and forestry activities, construction and most of the services are not available for most of the countries. Therefore this publication focuses on environmental protection of mining and quarrying, manufacturing and electricity, gas and water supply and distribution industries (NACE Rev. 1.1 C, D and E, thereafter simply 'industry'). Nevertheless available data on business activities other than industry can be accessed through the Eurostat database (see [env\\_ac\\_expl](#) and [env\\_ac\\_explr2](#)).

The three sectors making up total industry are analysed separately and the manufacturing sector is examined in detail.

Since environmental protection expenditure depends on the structure of industrial activities, on the technologies and the management of each industrial sector and on environmental regulations that apply to industries are targeted to, observing different patterns for the same industrial subsectors in different countries should not surprise.

As few countries report data on households' environmental protection expenditure, this publication does not publish the available data. Available data on households can be accessed through the Eurostat database (see [env\\_ac\\_expl](#) and [env\\_ac\\_explr2](#)).

The latest available year as well as the time series depends on the availability of data which can differ among countries.

The country fact sheets present first for the public sector, the specialised producers and the industry a table reporting data on EPE in million euros, as a percentage of GDP and in euro per capita, as well as the main variables collected by the JQ for the latest available year. Whenever possible also the aggregates Expenditure I and II are presented.

Then for each country some detailed information (depending on the availability of data) on environmental expenditure is presented by means of graphics. These graphics are presented in the following paragraphs where a short explanation and an explanation for each graph are given. For the industry sector also two graphics are reported comparing EPE figures and related physical data. The number refers to the graphic number in each country fact sheet. The source code of the data used for the graphic is also mentioned.

**Table 9:** Public sector

<i>Graph</i>	1. Public sector EPE, million euro (time series)
<i>Content</i>	This graph represents the evolution over time of public sector expenditure in environmental protection.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	2. Public sector EPE, % of final consumption expenditure of general government (time series)
<i>Content</i>	This graph represents the evolution over time of public sector EPE expressed as a share of general government final consumption expenditure. Government final consumption expenditure consists of expenditure, including imputed expenditure, incurred by general government on both individual consumption goods and services and collective consumption services. Indeed environmental protection is only one of the many objectives pursued by any government.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> , <a href="#">nama_nace31_c</a> )
<i>Graph</i>	3. Public sector EP investments, current expenditures and subsidies (given), million euro (time series)
<i>Content</i>	Public sector's EPE is the sum of investments, current expenditures and subsidies (paid to other sectors). This graph represents the three components of public sector EPE, expressed in m EUR.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	4. Public sector EP investments, current expenditures and subsidies (given), share of public sector EPE
<i>Content</i>	Public sector investments, current expenditures and subsidies (paid to other sectors) are shown as percentage of total public sector EPE.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	5. Public sector EPE by environmental domain, share of public sector EPE, (latest available year)
<i>Content</i>	This graph shows the environmental spending of the public sector by environmental domain in the latest available year. Whenever figures in graphics do not add up to 100%, this is due to rounding.
<i>Source:</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	6. Public sector EPE by environmental domain, share of public sector EPE, (time series)
<i>Content</i>	This graph represents the evolution of public sector spending for environmental protection in the different environmental domains. Changes in the environmental priorities of the government can be reflected in the objectives (i.e. environmental domains) of environmental spending.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )

Table 10: Specialised producers

<i>Graph</i>	7. Specialised producers' EPE, million euro, (time series)
<i>Content</i>	This graph represents the evolution over time of specialised producers' EPE.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	8. Specialised producers' EPE, % of GFCF plus compensation of employees and intermediate consumption of business activities (time series)
<i>Content</i>	Specialised producers' EPE is the sum of investments, and current expenditures. Investments correspond to Gross Fixed Capital Formation (GFCF). Current expenditure corresponds to intermediate consumption plus compensation of employees. Thus, specialised producers' EPE is equal to the sum of GFCF plus compensation of employees and intermediate consumption. In this graph specialised producers' EPE is compared to the sum of GFCF plus compensation of employees and intermediate consumption of all business activities in order to give an idea of the importance of the specialised producers of environmental protection services among all the economic activities of a country.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> , <a href="#">nama_nace31_e</a> )
<i>Graph</i>	9. Specialised producers' EP investments and current expenditures, million euro, (time series)
<i>Content</i>	This graph represents the evolution over time of the two main components of specialised producers' EPE: investments and current expenditures.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	10. Specialised producers' EP investments and current expenditures, share of specialised producers' EPE (time series)
<i>Content</i>	This graph represents the evolution over time of the two main components of specialised producers' EPE: investments and current expenditures expressed as a percentage of EPE.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	11. Specialised producers' EPE by environmental domain, share of specialised producers' EPE, (latest available year)
<i>Content</i>	This graph represents the spending of specialised producers in the different environmental domains in the latest available year. As most of the specialised producers are active in the field of waste and wastewater management, specialised producers' EPE is mostly focused in these environmental domains.  Whenever figures in graphics do not add up to 100%, this is due to rounding.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	12. Specialised producers' EPE by environmental domain, share of specialised producers' EPE, (time series),
<i>Content</i>	This graph represents the evolution of specialised producers' activities in the different environmental domains over time.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	13. Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), million euro
<i>Content</i>	Specialised producers can count on mainly three different types of revenues: receipts from by-products, revenues from environmental protection services (output which is sold on the market) and subsidies received by the government. This graph shows the evolution of the amount of these items over time.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )



<i>Graph</i>	14. Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), share of specialised producers' EP revenues
<i>Content</i>	This graph represents the evolution of receipts from by-products, revenues from environmental protection services and subsidies received as a share of specialised producers' EP revenues.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )

**Table 11:** Industry

<i>Graph</i>	15. Industry's EPE, million euro
<i>Content</i>	This graph represents the evolution of industrial environmental spending.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	16. Industry's EP investments and current expenditures, million euro
<i>Content</i>	Industry's EPE is made of investments and current expenditures. This graph shows the evolution of the two components of EPE over time.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	17. Industry's current environmental expenditure: in-house expenditure and fees and purchases, share of environmental current expenditure
<i>Content</i>	Environmental current expenditure is made of in-house expenditure, which represent the environmental protection services carried out by the industry itself and fees and purchases, that is the money spent for buying environmental services from third parties (i.e. mainly specialised producers). This graph shows the evolution of the two components of EP current expenditure over time.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	18. Industry's environmental investments: pollution treatment and pollution prevention investments, share of environmental protection investments
<i>Content</i>	EP investments are the sum of pollution treatment and pollution prevention investments. Pollution treatment investments do not affect the production process itself, they serve to treat already generated pollution. Investments in integrated technologies (pollution prevention investments) are investments which lead to a modified or adapted production process and reduce the amount of pollution at the source.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	19. Industry's EP investments, share of industry's GFCF
<i>Content</i>	This graph shows which part of total investments of the industry is for environmental protection over time.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> , <a href="#">nama_nace31_c</a> )
<i>Graph</i>	20. Industry's EP current expenditure, share of industry's compensation of employees plus intermediate consumption
<i>Content</i>	This graph shows which part of total current expenditures of the industry is for environmental protection over time.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> , <a href="#">nama_nace31_c</a> )



<i>Graph</i>	21. Industry's EPE by environmental domain, share of EPE (latest available year)
<i>Content</i>	This graph represents the distribution of industry's environmental spending by environmental domain in the latest available year.  Whenever figures in graphics do not round up to 100%, this is due to roundings
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	22. Industry's EPE by environmental domain, share of EPE (time series)
<i>Content</i>	This graph represents the evolution of industry's environmental spending by environmental domain.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	23. Industry's EPE by sector, million euro
<i>Content</i>	This graph represents the evolution of environmental spending in the three sectors making up the industry: mining and quarrying (NACE C), manufacturing (NACE rev.1.1 D) and electricity, gas and water supply (NACE rev.1.1 E).
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	24. Industry's EPE by sector, share of total industry's EPE
<i>Content</i>	This graph represents the evolution of the part of environmental spending of each industrial sector over time.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	25. Industry's investments by sector, share of GFCF
<i>Content</i>	This graph represents the evolution of the share of environmental investments in total investments for the three main industrial sectors over time.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> , <a href="#">nama_nace31_c</a> )
<i>Graph</i>	26. Industry's current expenditures by sector, share of compensation of employees and intermediate consumption
<i>Content</i>	This graph represents the evolution of the share of environmental current expenditure in total current expenditure for the three main industrial sectors over time.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> , <a href="#">nama_nace31_c</a> )
<i>Graph</i>	27. EPE in manufacturing subsectors, by environmental domain, share in total EPE of each manufacturing subsector (latest available year)
<i>Content</i>	This graphs detail environmental protection expenditure in the sub-sectors making up the manufacturing sector.  Whenever figures in graphics do not add up to 100%, this is due to rounding
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )
<i>Graph</i>	28. EPE in manufacturing subsectors, share in total manufacturing EPE (latest available year)
<i>Content</i>	This graph represents the environmental domain where manufacturing subsectors are spending for environmental protection, as a percentage of their total environmental spending.  Whenever figures in graphics do not add up to 100%, this is due to rounding.
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> )

<i>Graph</i>	29. Industry's EPE for waste management and industry's waste generation (latest available year)
<i>Content</i>	<p>This graph compares the generation of waste and the money spent for waste management for industrial sectors and manufacturing subsectors. An indicator (euro spent per tonne of waste) is calculated. Figures can vary a lot among the industrial sectors and subsectors as their type of waste and thus their mode of treatment (for example hazardous wastes are more expensive to be treated) can be very different.</p> <p>As waste statistics are already published by NACE Rev.2, while EPE statistics are still by NACE Rev. 1.1 for most of countries, for these countries a) expenditure data for electricity, gas and water supply include also data for water supply industry which is not included for the waste data and b) expenditure of the manufacturing sector does not include the recycling industry (DN37), which is included for the waste data.</p>
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> , <a href="#">env_wasgen</a> )
<i>Graph</i>	30. Industry's EPE for air protection and industry's GHG emissions (latest available year)
<i>Content</i>	<p>This graph compares the emissions of GHG and the money spent for air protection for industrial sectors and manufacturing subsectors. An indicator (euro spent per tonne of GHG emitted) is calculated. GHG are the sum of carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and nitrous oxide (N<sub>2</sub>O) expressed in CO<sub>2</sub> equivalents using the global warming potential weighting factors for 100 years. Of course air protection expenditures are also aimed at reducing the level of other air emissions, for example acidifying emissions. This explains huge differences among sectors, as in some economic sectors emitting relatively small quantities of GHGs, the expenditure for air protection can be very high because it is related to the abatement of specific pollutants (dust, NO<sub>x</sub>, etc).</p>
<i>Source</i>	Eurostat (online data code: <a href="#">env_ac_exp1</a> , <a href="#">env_ac_explr2</a> , <a href="#">env_ac_ainacehh</a> )

## Belgium

## Public sector

Table BE1 Environmental protection expenditure in the public sector, 2007

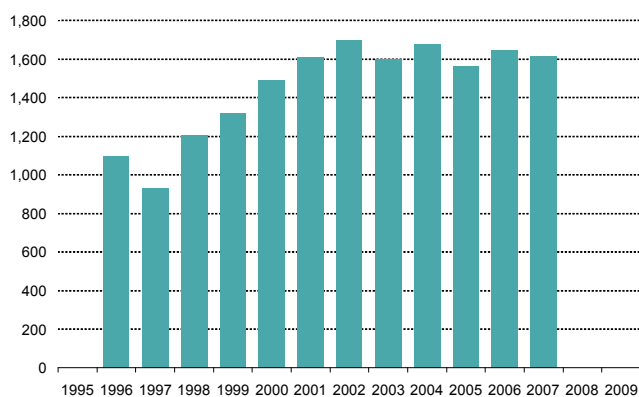
<b>Public sector</b>	<b>2007</b> (EUR million)	
EPE	1 615.30	
Investments	315.80	
In-house current expenditure	921.20	
Fees and purchases	355.00	
Total current expenditure	1 276.20	
Receipts from by-products	:	
Subsidies/transfers (given)	23.30	
Revenues	715.41	
Expenditure I	1 237.00	
Expenditure II	899.89	

<b>Public sector</b>	<b>2007</b>	
	(% of GDP)	(EUR per capita)
EPE	0.48%	152.61

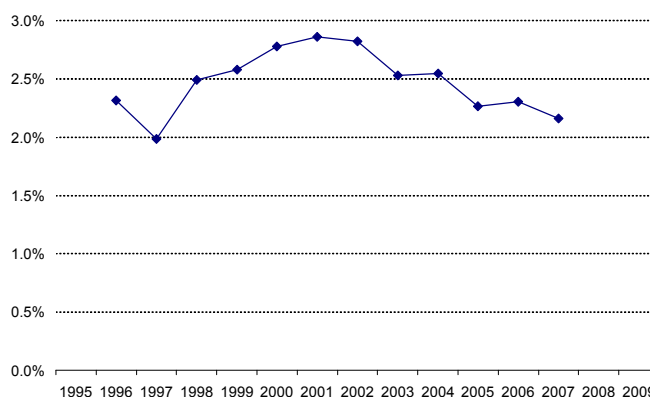
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure BE1 :** Public sector's EPE, 1996-2007 (EUR million)



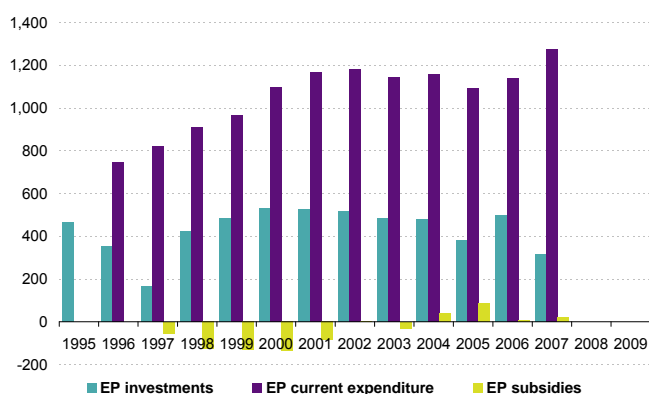
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE2 :** Public sector's EPE, 1996-2007 (% of final consumption expenditure of general government)



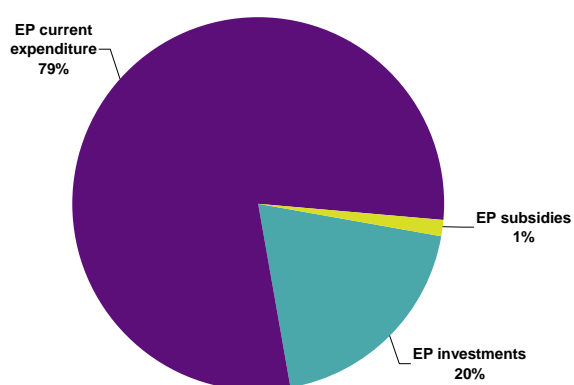
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure BE3 :** Public sector's EP investments, current expenditures and subsidies, 1995-2007 (EUR million)



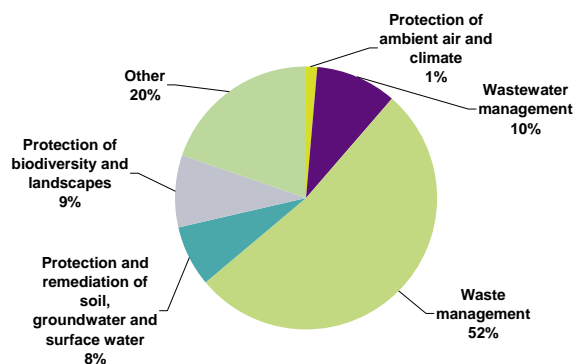
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE4 :** Public sector's EP investments, current expenditures and subsidies, 2007 (% of public sector's EPE)



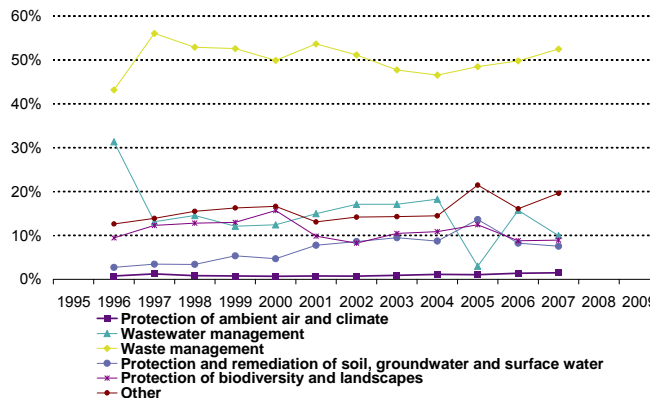
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE5 :** Public sector's EPE by environmental domain, 2007 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE6 :** Public sector's EPE by environmental domain, 1996-2007 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

Table BE2 Environmental protection expenditure of the specialised producers, 2007

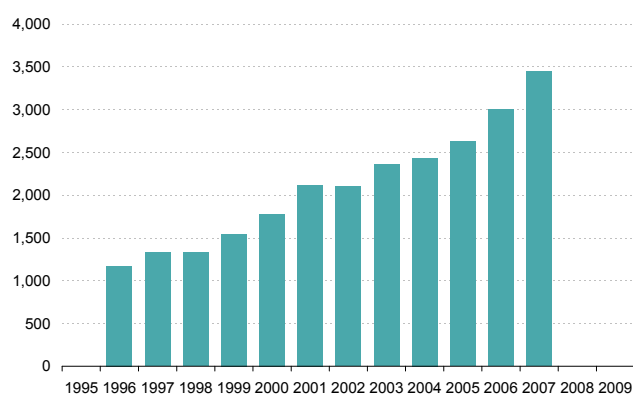
Specialised producers	2007 (EUR million)
EPE	3 448.50
Investments	763.80
In-house current expenditure	1 661.70
Fees and purchases	1 023.00
Total current expenditure	2 684.70
Receipts from by-products	91.53
Subsidies/transfers (received)	136.12
Revenues	3 161.97
Expenditure I	2 333.97
Expenditure II	58.88

Specialised producers	2007 (% of GDP)	2007 (EUR per capita)
EPE	1.03%	325.81

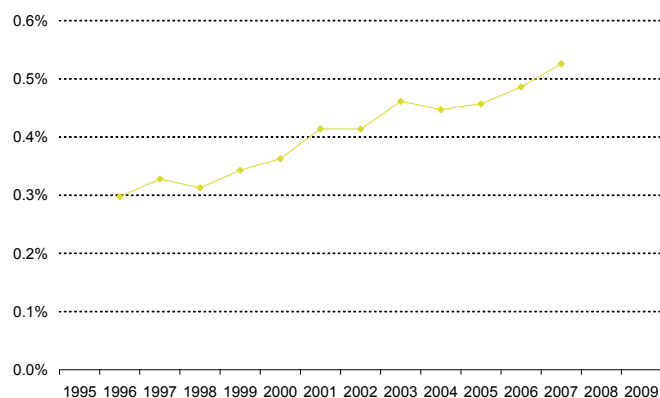
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure BE7 : Specialised producers' EPE, 1996-2007 (EUR million)



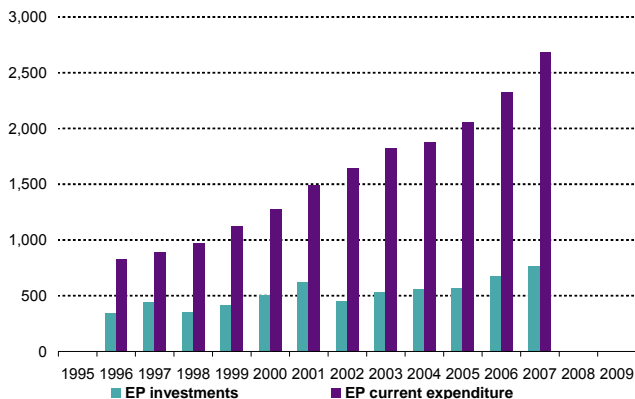
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure BE8 : Specialised producers' EPE, 1996-2007 (% of investments plus compensation of employees and intermediate consumption of business activities)



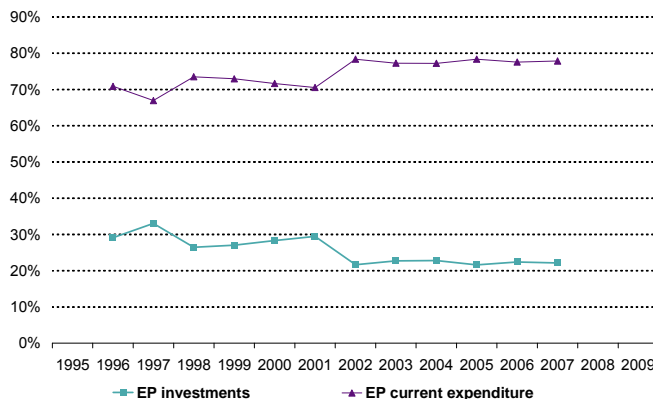
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure BE9:** Specialised producers' EP investments and current expenditures, 1996-2007 (EUR million)



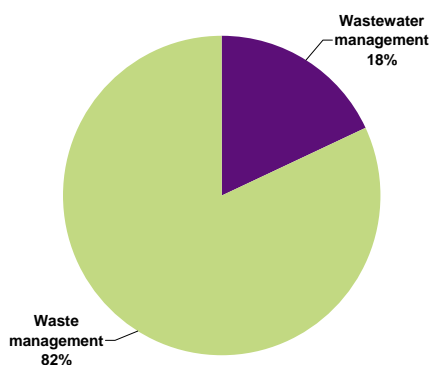
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE10:** Specialised producers' EP investments and current expenditures, 1996-2007 (% of specialised producers' EPE)



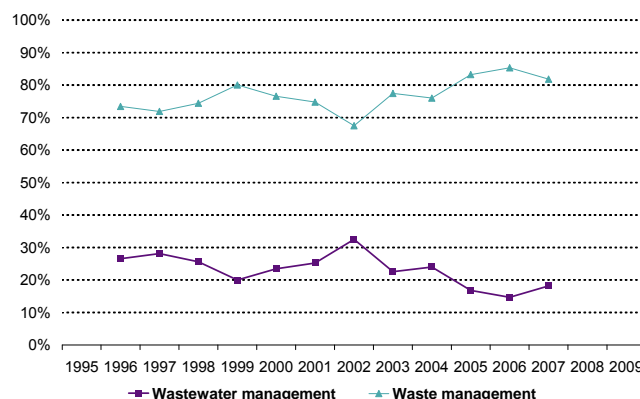
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE11:** Specialised producers' EPE by environmental domain, 2007 (% of specialised producers' EPE)



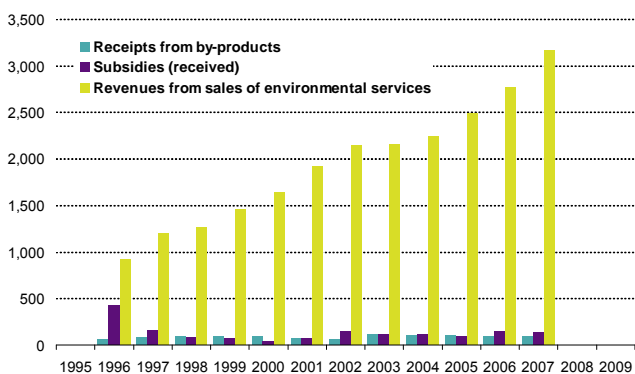
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE12:** Specialised producers' EPE by environmental domain, 1996-2007 (% of specialised producers' EPE)



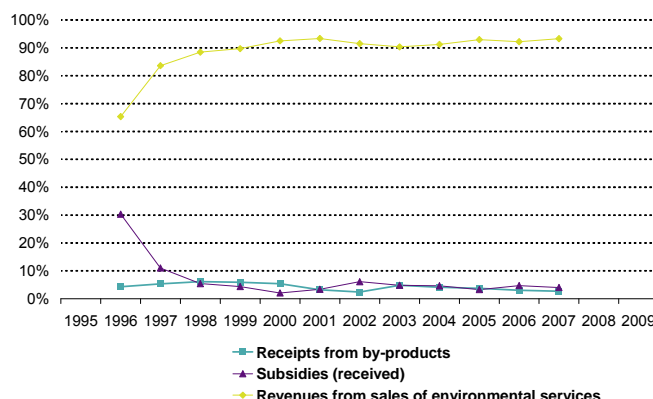
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1996-2007 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1996-2007 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

Table BE3 Environmental protection expenditure by industry (only manufacturing), 2007

Industry (only manufacturing)	2007 (EUR million)
EPE	1 842.06
Pollution treatment investments	:
Pollution prevention investments	:
Investments	221.97
In-house current expenditure	888.28
Fees and purchases	731.81
Total current expenditure	1 620.09
Receipts from by-products	:
Subsidies/transfers (received)	11.34
Expenditure I	1 110.26
Expenditure II	1 830.72

Industry (only manufacturing)	2007 (% of GDP)	2007 (EUR per capita)
EPE	0.55%	174.03

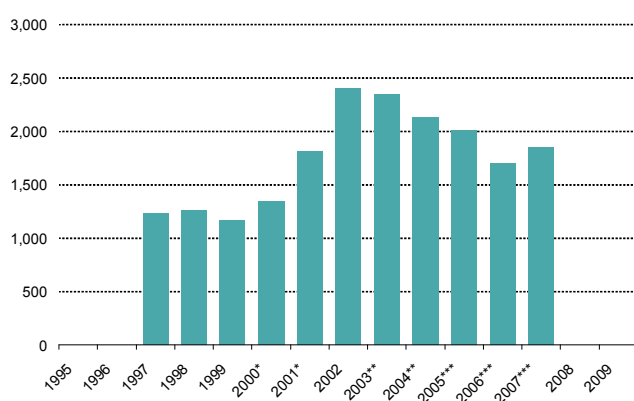
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

NB: \* only sectors D and E

\*\* only sectors C and D

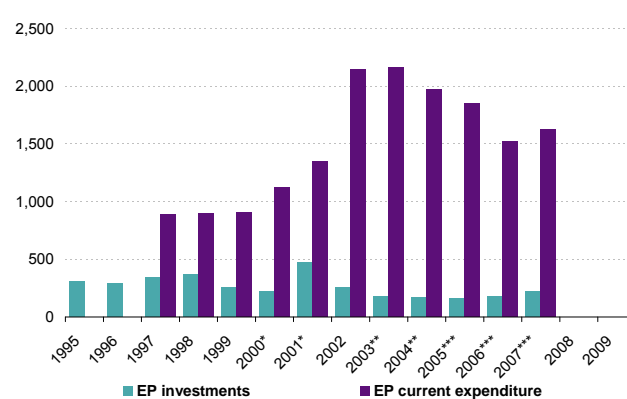
\*\*\* only sector D

Figure BE15 : Industry's EPE, 1997-2007  
(EUR million)



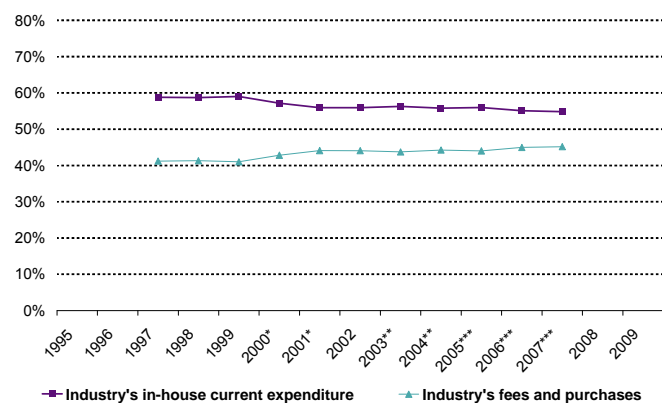
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure BE16 : Industry's EP investments and current expenditures, 1995-2007  
(EUR million)



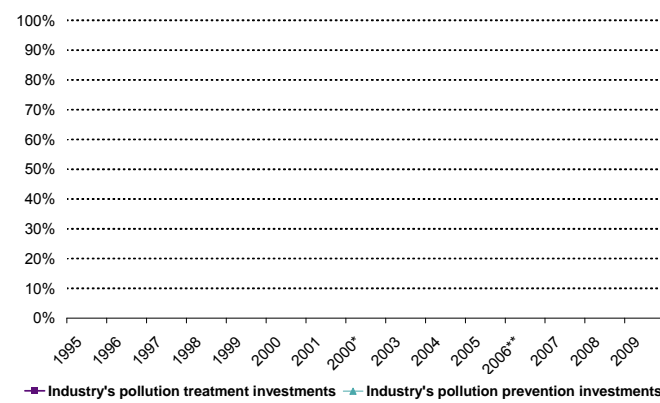
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE17** : Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1997-2007  
(% of industry's EP current expenditure)



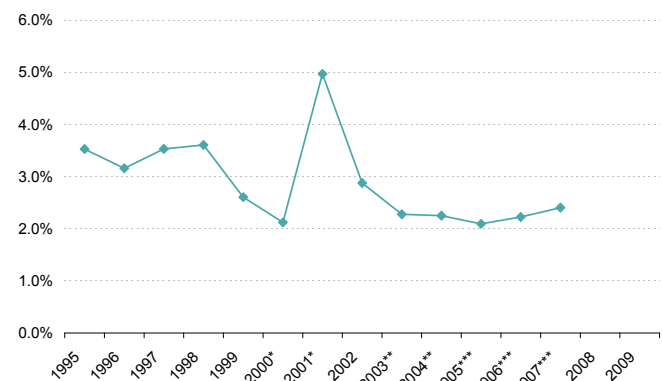
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE18** : Industry's environmental investments: pollution treatment and pollution prevention investments\*  
(% of industry's EP investments)



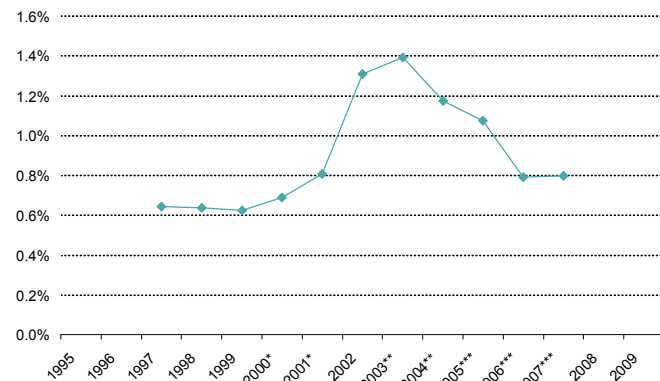
\* No data available.

**Figure BE19** : Industry's EP investments, 1995-2007  
(% of industry's GFCF)



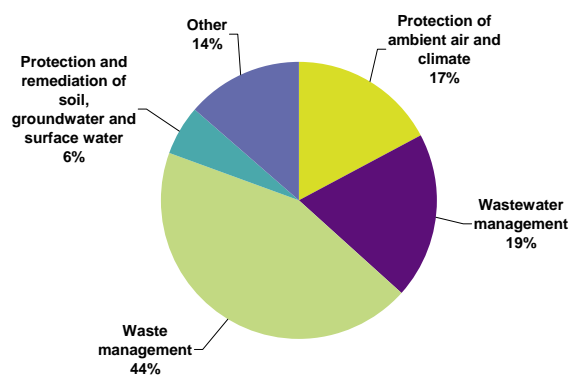
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure BE20** : Industry's EP current expenditure, 1997-2007  
(% of industry's compensation of employees plus intermediate consumption)



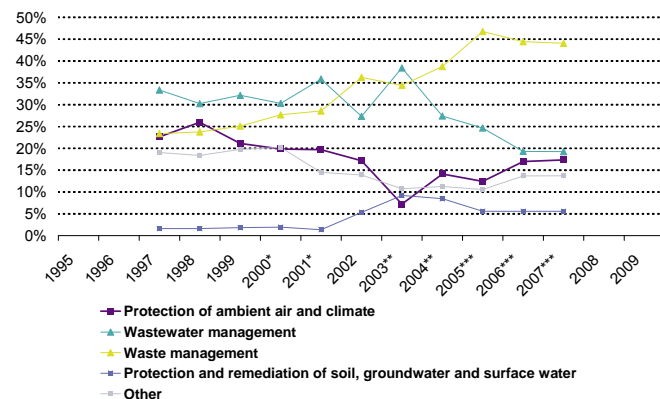
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure BE21** : Industry's EPE by environmental domain, 2007\*\*\*  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

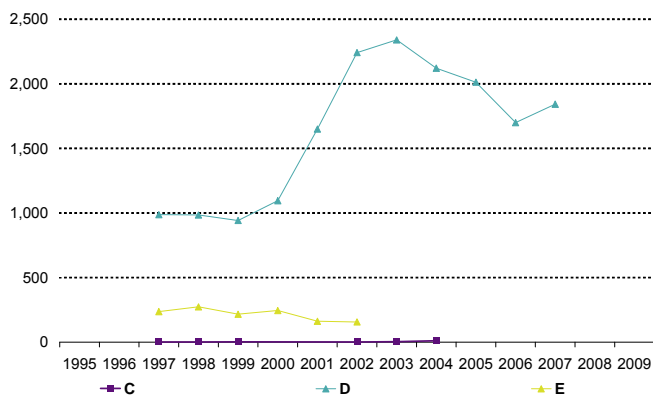
**Figure BE22** : Industry's EPE by environmental domain, 1997-2007  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

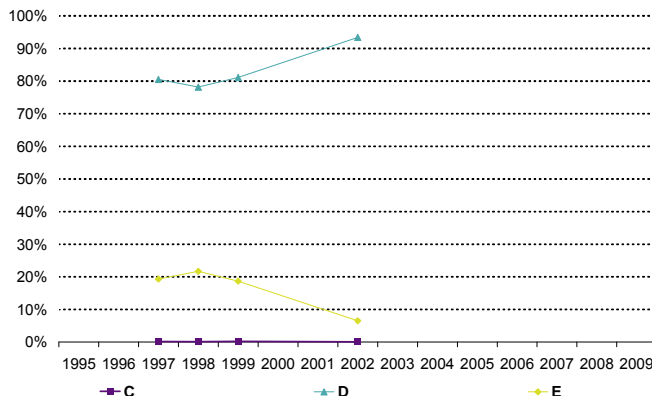


**Figure BE23 : Industry's EPE by sector, 1997-2007**  
(EUR million)



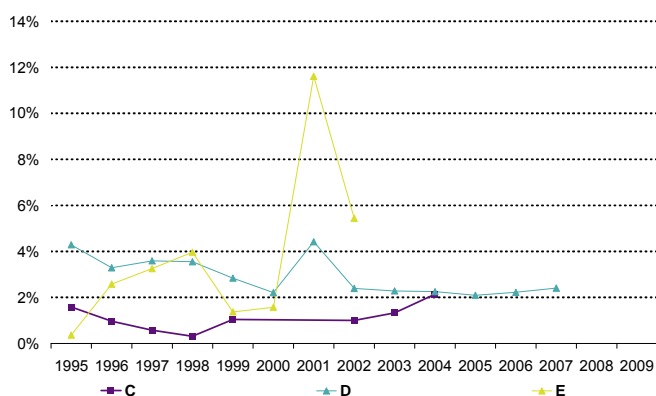
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE24 : Industry's EPE by sector, 1997-2002**  
(% of industry's EPE)



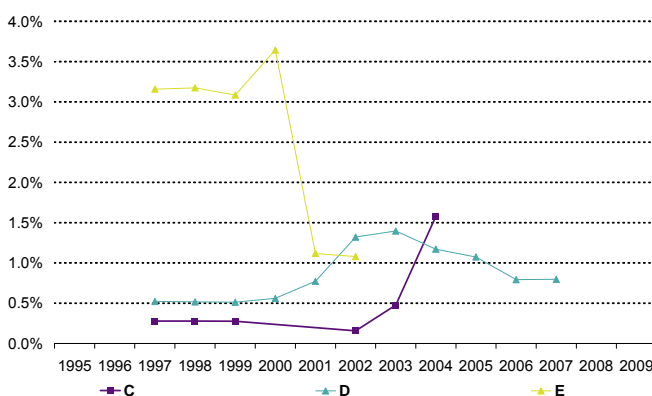
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure BE25 : Industry's investments by sector, 1995-2007**  
(% of GFCF)



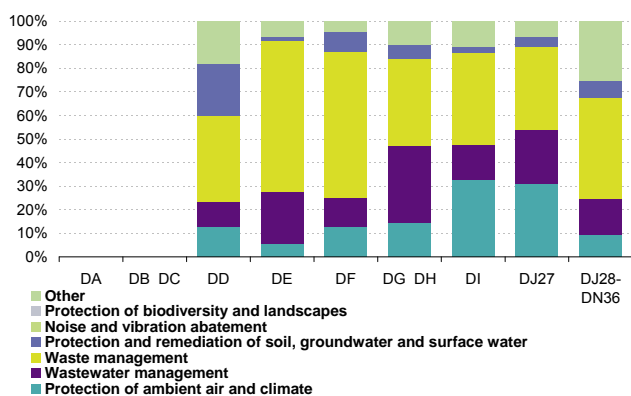
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure BE26 : Industry's current expenditures by sector, 1997-2007**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

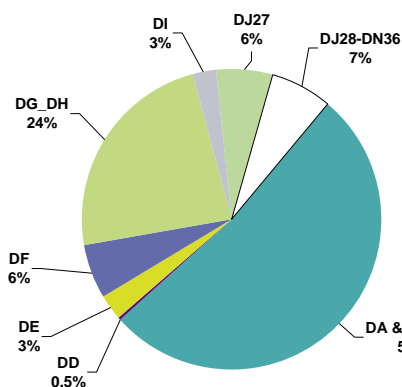
**Figure BE27 : EPE in manufacturing subsectors by environmental domain, 2005**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products

**Figure BE28 : EPE in manufacturing subsectors, 2005**  
(% of total manufacturing's EPE)

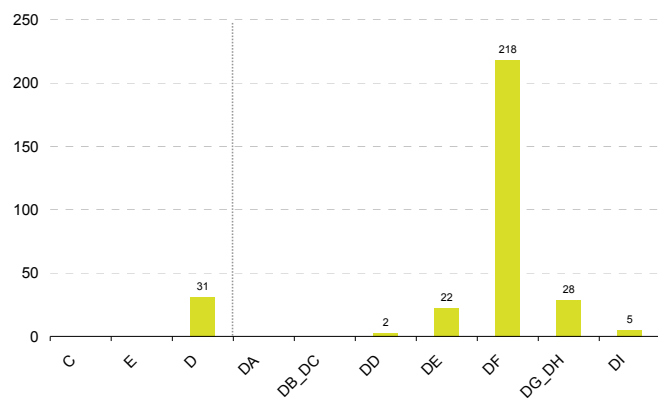


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals

DE: pulp, paper products, publishing and printing  
DF: coke, refined petroleum and nuclear fuel

**Figure BE29** : Industry's EPE for waste management and industry's waste generation, 2006°  
(EUR/tonne)



°EPE for waste management refers to 2005.

Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying

D: Manufacturing

DA: food products, tobacco and beverages

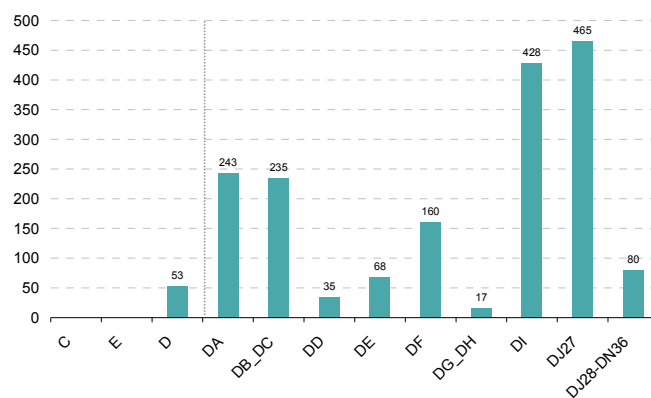
DB\_DC: textile and leather products

DD: wood products

DE: pulp, paper products, publishing and printing

DJ28\_DN36: metal products, machinery and equipment

**Figure BE30** : Industry's EPE for air protection and industry's GHG emissions, 2005  
(EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel

DG\_DH: chemicals, chemical products, rubber and plastic products

DI: other non metallic products

DJ27: basic metals

DJ28\_DN36: metal products, machinery and equipment

E: Electricity, gas and water supply

## Bulgaria

## Public sector

Table BG1 Environmental protection expenditure in the public sector, 2008

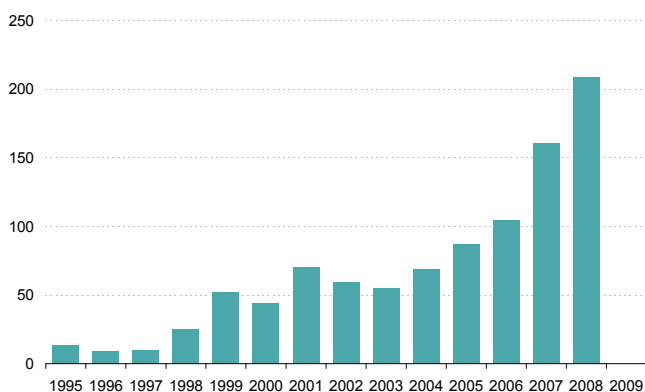
<b>Public sector</b>	<b>2008</b> (EUR million)	
EPE	209.11	
Investments	108.43	
In-house current expenditure	99.63	
Fees and purchases	1.05	
Total current expenditure	100.68	
Receipts from by-products	:	
Subsidies/transfers (given)	:	
Revenues	:	
Expenditure I	208.10	
Expenditure II	:	

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	0.59%	27.37

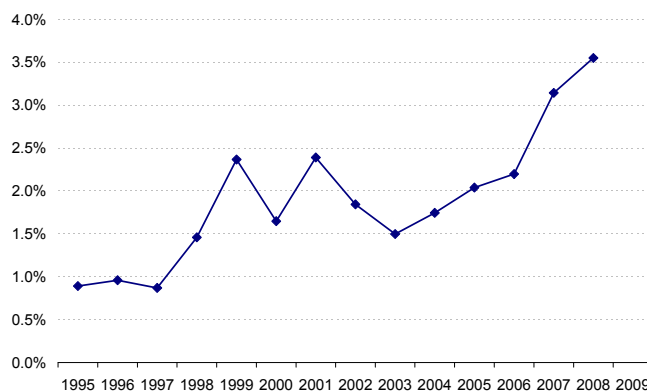
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure BG1 : Public sector's EPE, 1995-2008**  
(EUR million)



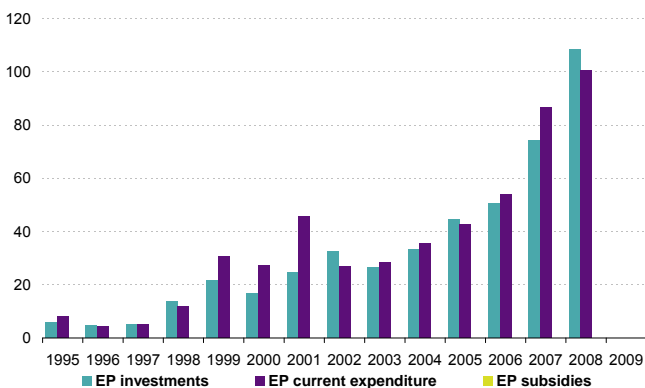
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG2 : Public sector's EPE, 1995-2008**  
(% of final consumption expenditure of general government)



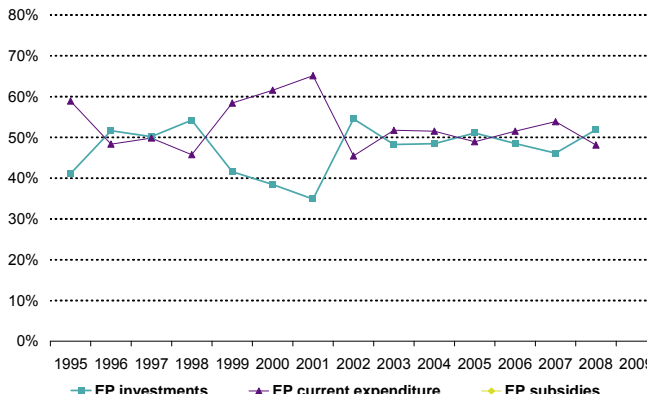
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure BG3 : Public sector's EP investments, current expenditures and subsidies, 1995-2008**  
(EUR million)



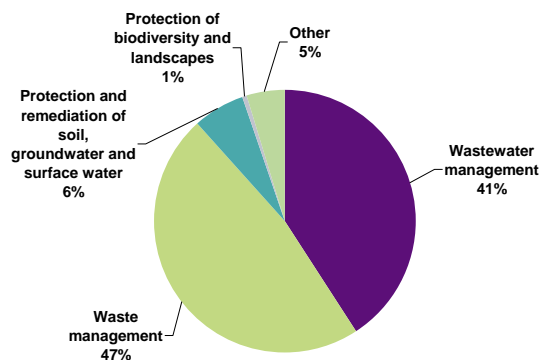
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG4 : Public sector's EP investments, current expenditures and subsidies, 1995-2008**  
(% of public sector's EPE)



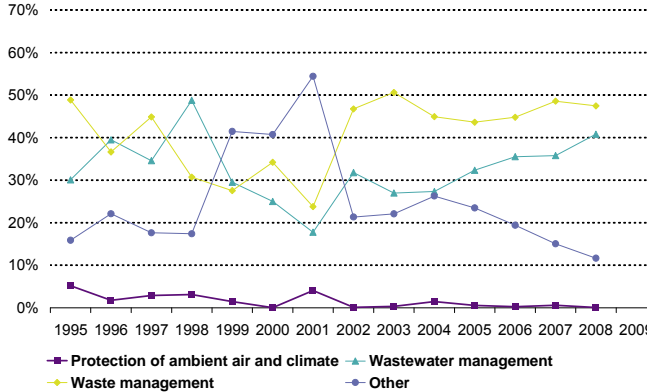
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG5 : Public sector's EPE by environmental domain, 2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure BG6 : Public sector's EPE by environmental domain, 1995-2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Specialised producers

Table BG2 Environmental protection expenditure of the specialised producers, 2008

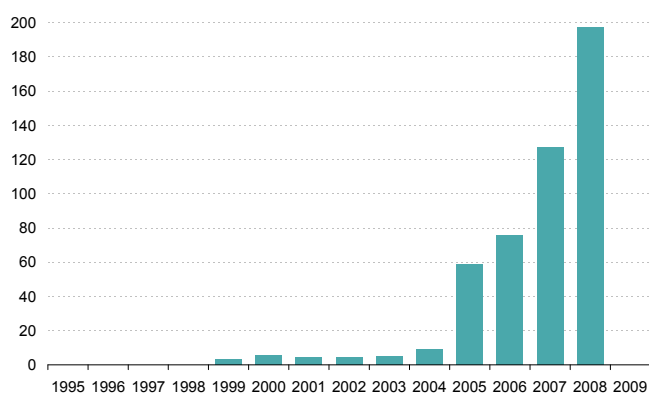
Specialised producers	2008 (EUR million)
EPE	197.50
Investments	103.84
In-house current expenditure	92.39
Fees and purchases	1.27
Total current expenditure	93.66
Receipts from by-products	:
Subsidies/transfers (received)	:
Revenues	:
Expenditure I	196.23
Expenditure II	:

Specialised producers	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.56%	25.85

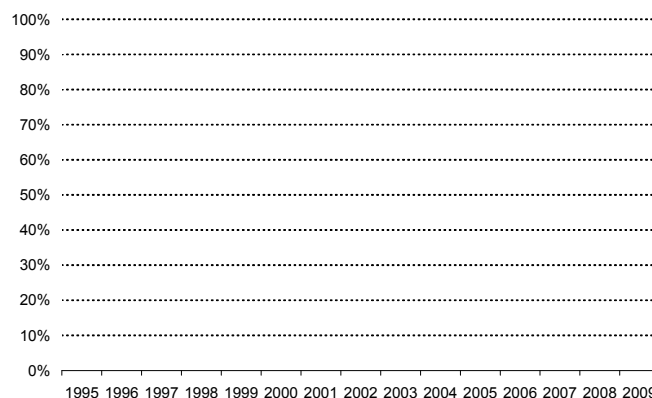
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure BG7 : Specialised producers' EPE, 1999-2008 (EUR million)



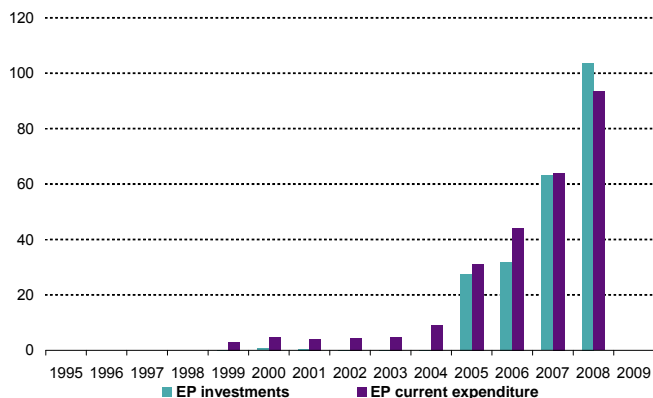
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure BG8 : Specialised producers' EPE\* (% of investments plus compensation of employees and intermediate consumption of business activities)



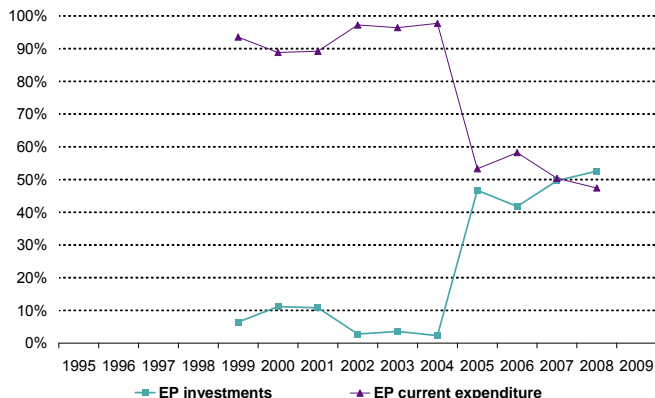
\* No data on investments plus compensation of employees and intermediate consumption of business activities available.

**Figure BG9:** Specialised producers' EP investments and current expenditures, 1999-2008 (EUR million)



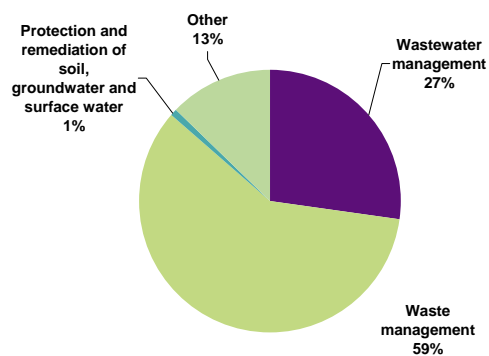
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG10:** Specialised producers' EP investments and current expenditures, 1999-2008 (% of specialised producers' EPE)



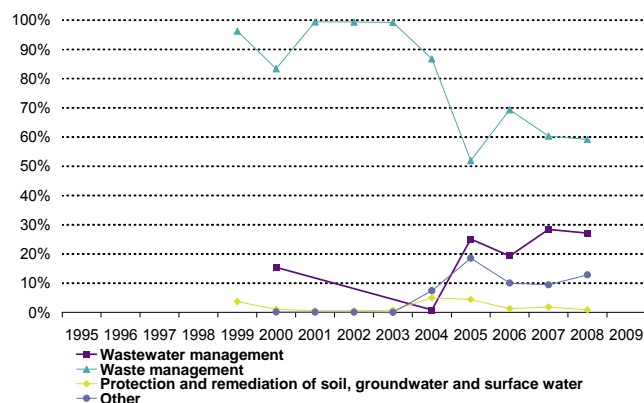
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG11:** Specialised producers' EPE by environmental domain, 2008 (% of specialised producers' EPE)



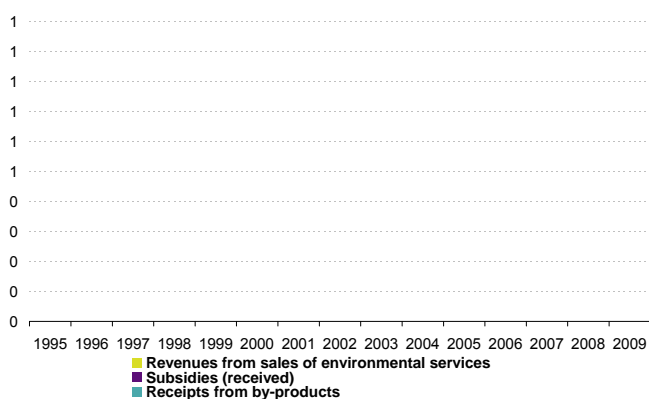
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure BG12:** Specialised producers' EPE by environmental domain, 1999-2008 (% of specialised producers' EPE)



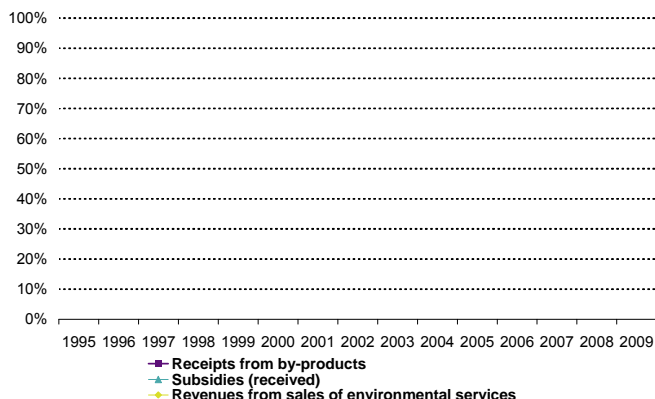
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (EUR million)



\* No data available.

**Figure BG14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (% of specialised producers' EP revenues)



\* No data available.

## Industry

**Table BG3** Environmental protection expenditure by industry, 2008

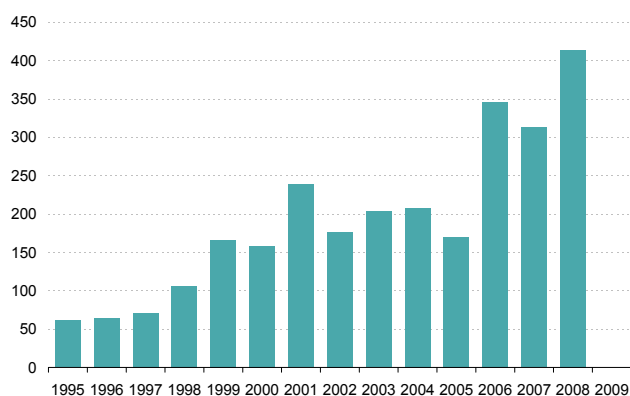
Industry	2008 (EUR million)
EPE	415.00
Pollution treatment investments	187.81
Pollution prevention investments	15.02
Investments	202.83
In-house current expenditure	204.96
Fees and purchases	7.21
Total current expenditure	212.17
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	407.79
Expenditure II	:

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	1.17%	54.32

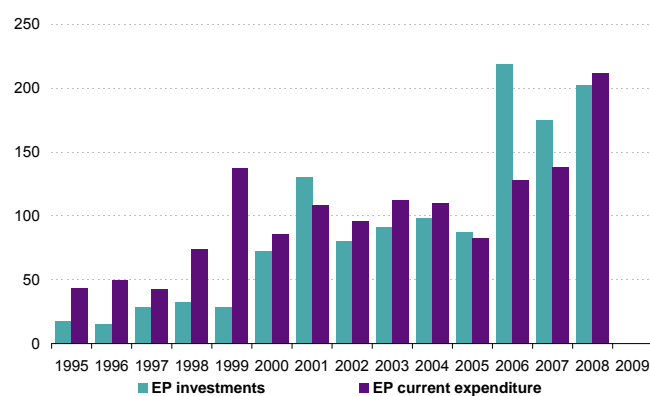
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure BG15** : Industry's EPE, 1995-2008  
(EUR million)



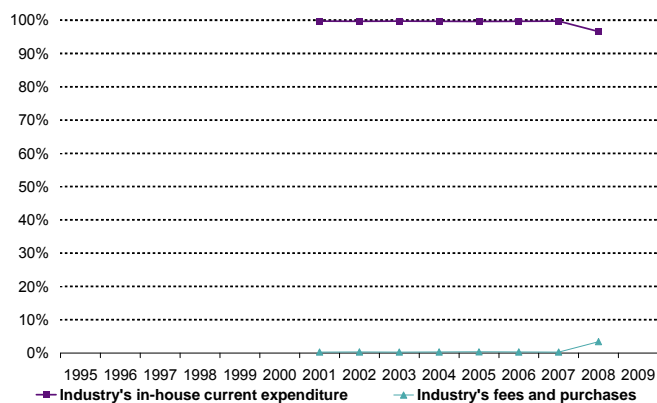
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG16** : Industry's EP investments and current expenditures, 1995-2008  
(EUR million)



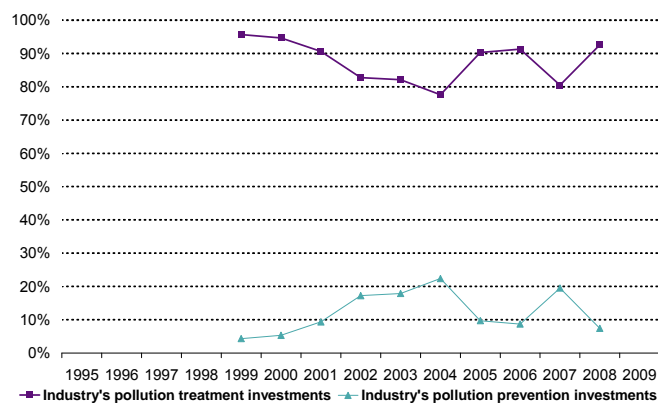
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2001-2008  
(% of industry's EP current expenditure)



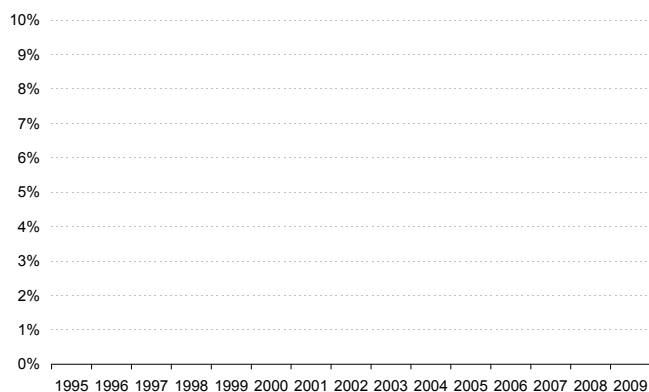
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1999-2008  
(% of industry's EP investments)



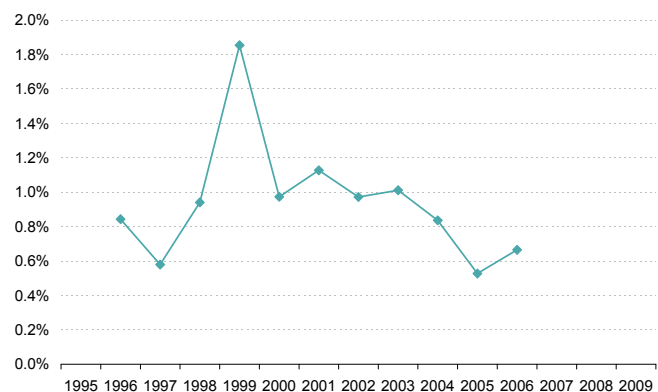
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG19 :** Industry's EP investments\*  
(% of industry's GFCF)



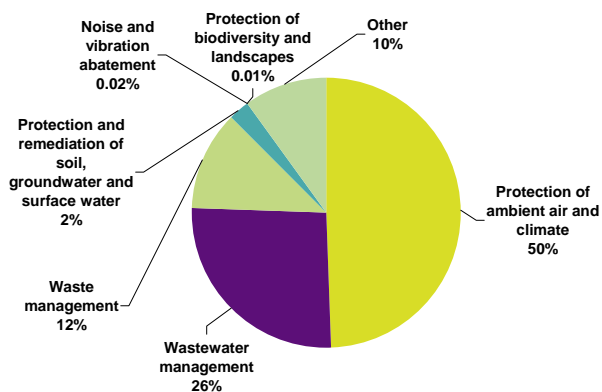
\* No GFCF data available.

**Figure BG20 :** Industry's EP current expenditure, 1996-2006  
(% of industry's compensation of employees plus intermediate consumption)



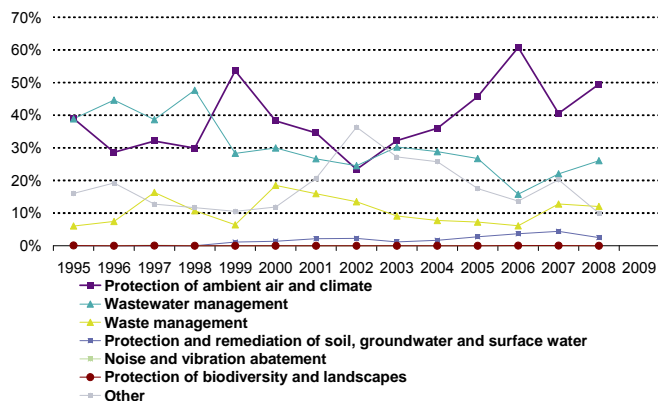
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure BG21 :** Industry's EPE by environmental domain, 2008  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

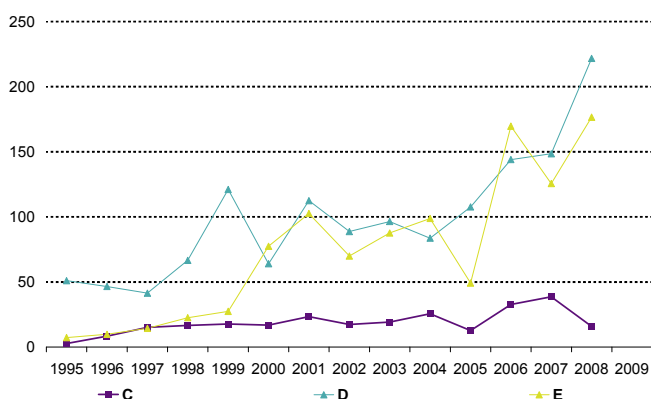
**Figure BG22 :** Industry's EPE by environmental domain, 1995-2008  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

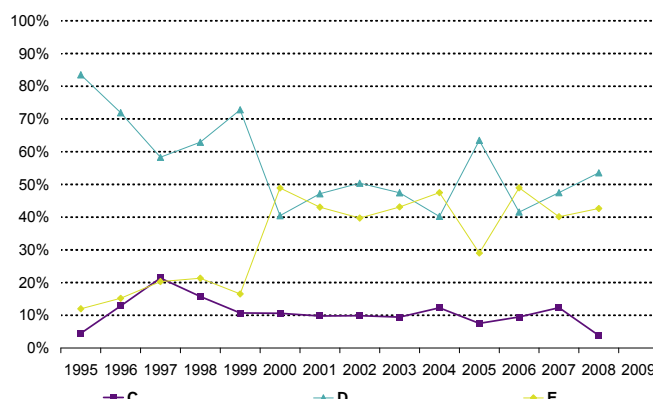


**Figure BG23 : Industry's EPE by sector, 1995-2008**  
(EUR million)



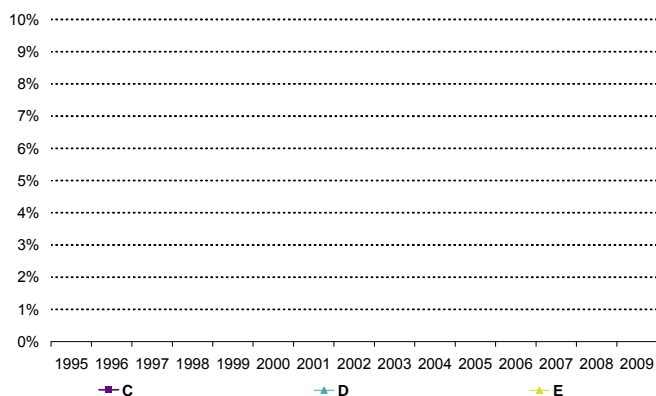
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG24 : Industry's EPE by sector, 1995-2008**  
(% of industry's EPE)



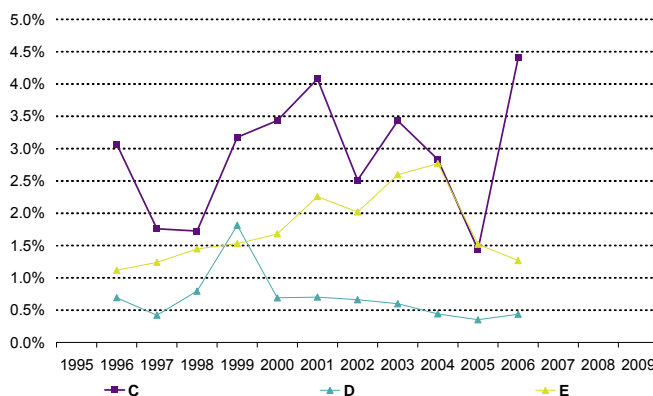
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure BG25 : Industry's investments by sector\***  
(% of GFCF)



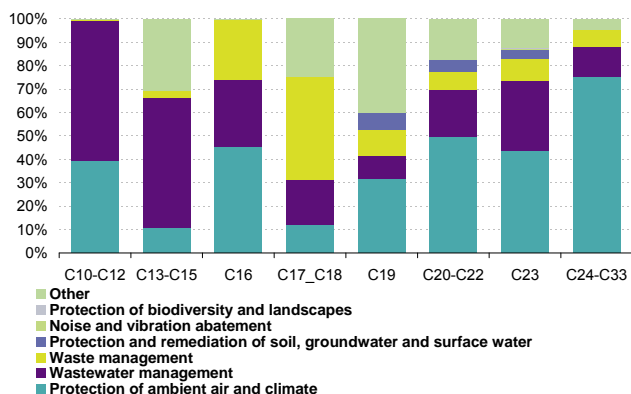
\* No GFCF data available.

**Figure BG26 : Industry's current expenditures by sector, 1996-2006**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

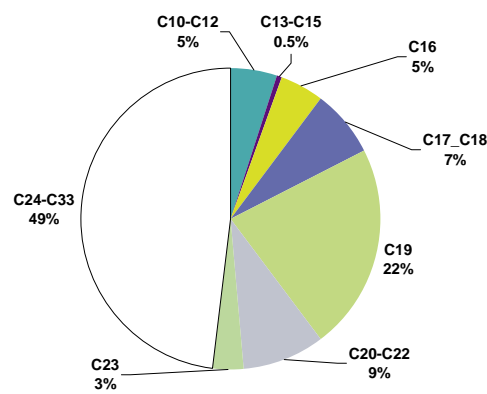
**Figure BG27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- B: Mining and quarrying
- D: Electricity, gas and water supply
- C: Manufacturing
- C10-C12: food products, tobacco and beverages

**Figure BG28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)

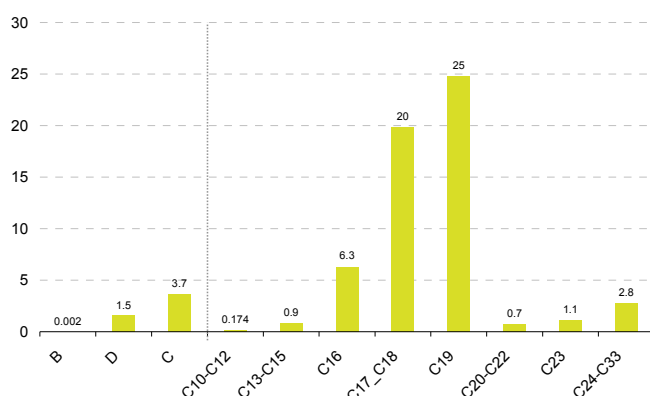


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- C19: coke and refined petroleum products
- C20-C22: chemical, pharmaceutical, rubber and plastic products
- C23: other non-metallic mineral products
- C24-C33: basic metals and fabricated metal products, except

C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media

**Figure BG29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

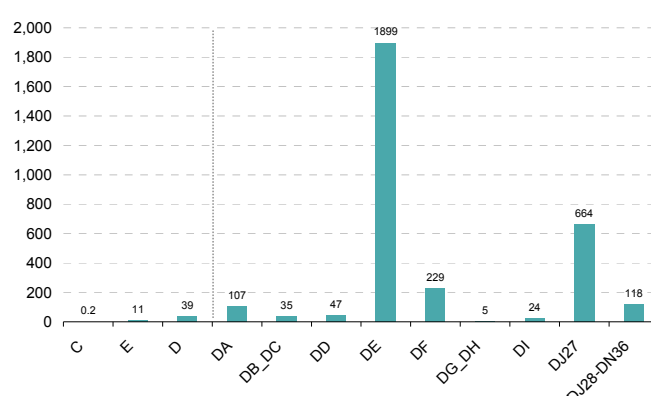


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [env\\_wasgen](#))

B: Mining and quarrying  
 D: Electricity, gas and water supply  
 C: Manufacturing  
 C10-C12: food products, tobacco and beverages  
 C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media  
 C19: coke and refined petroleum products  
 C20-C22: chemical, pharmaceutical, rubber and plastic products  
 C23: other non-metallic mineral products  
 C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure BG30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28-DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply

## Czech Republic

## Public sector

Table CZ1 Environmental protection expenditure in the public sector, 2009

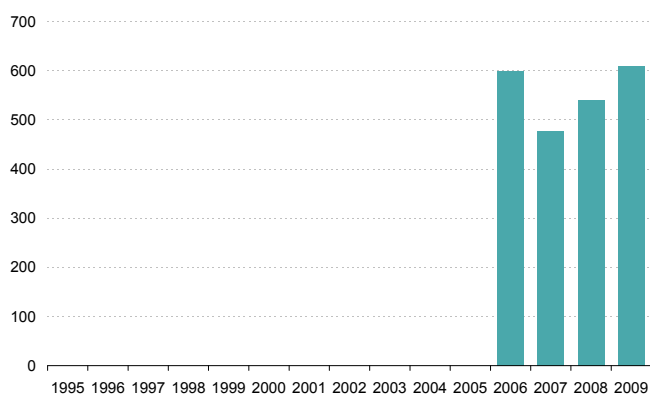
<b>Public sector</b>	<b>2009</b> (EUR million)	
EPE	609.82	
Investments	270.08	
In-house current expenditure	26.33	
Fees and purchases	313.40	
Total current expenditure	339.73	
Receipts from by-products	26.75	
Subsidies/transfers (given)	:	
Revenues	177.64	
Expenditure I	269.66	
Expenditure II	405.42	

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	0.44%	58.26

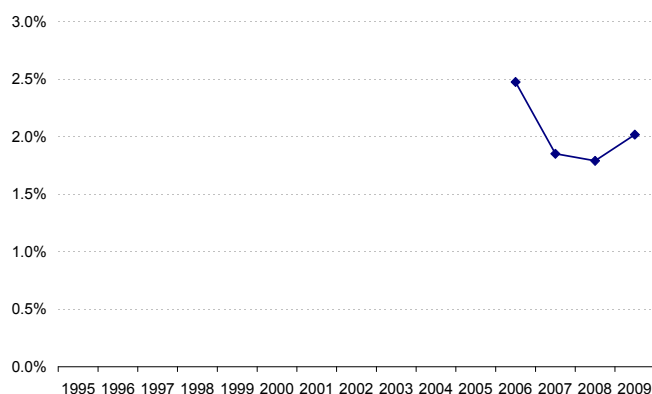
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure CZ1 : Public sector's EPE, 2006-2009**  
(EUR million)



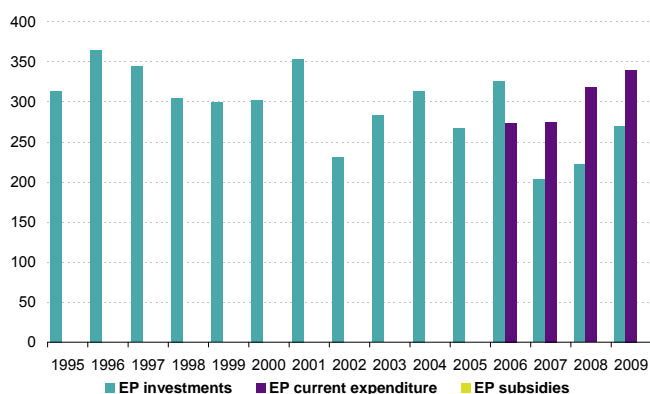
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ2 : Public sector's EPE, 2006-2009**  
(% of final consumption expenditure of general government)



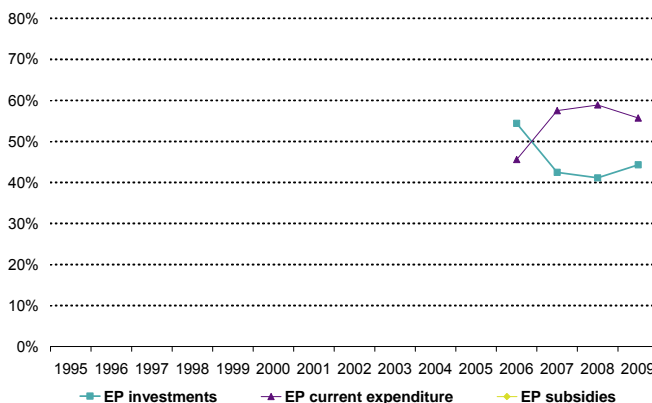
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace33\\_c](#))

**Figure CZ3 : Public sector's EP investments, current expenditures and subsidies, 1995-2009**  
(EUR million)



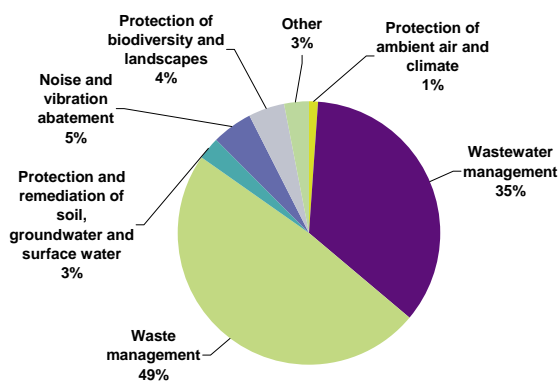
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ4 : Public sector's EP investments, current expenditures and subsidies, 2006-2009**  
(% of public sector's EPE)



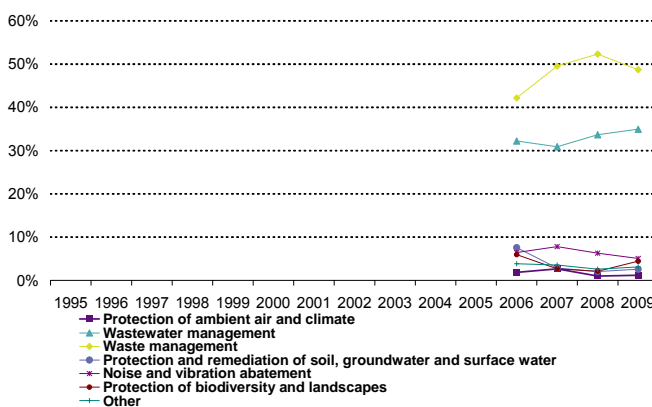
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ5 : Public sector's EPE by environmental domain, 2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ6 : Public sector's EPE by environmental domain, 2006-2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers\*

Table CZ2 Environmental protection expenditure of the specialised producers, 2009

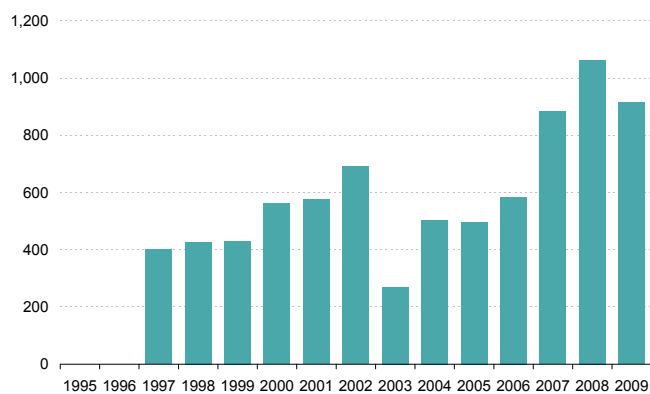
Specialised producers	2009 (EUR million)
EPE	914.83
Investments	149.19
In-house current expenditure	546.07
Fees and purchases	219.56
Total current expenditure	765.64
Receipts from by-products	84.40
Subsidies/transfers (received)	:
Revenues	925.55
Expenditure I	610.86
Expenditure II	-95.13

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.67%	87.40

\* Data on current expenditure include only private specialised producers for years 2003-2005.

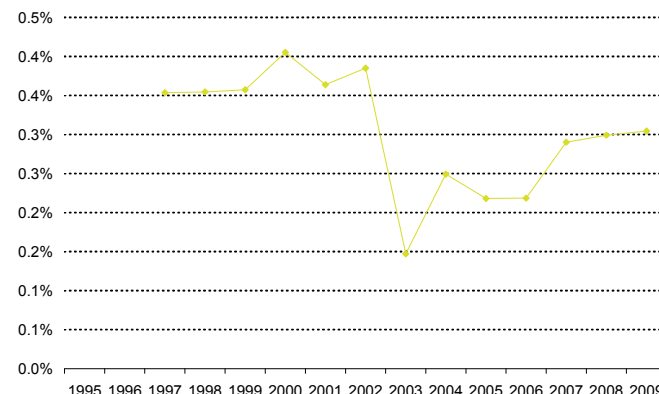
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure CZ7 : Specialised producers' EPE, 1997-2009  
(EUR million)



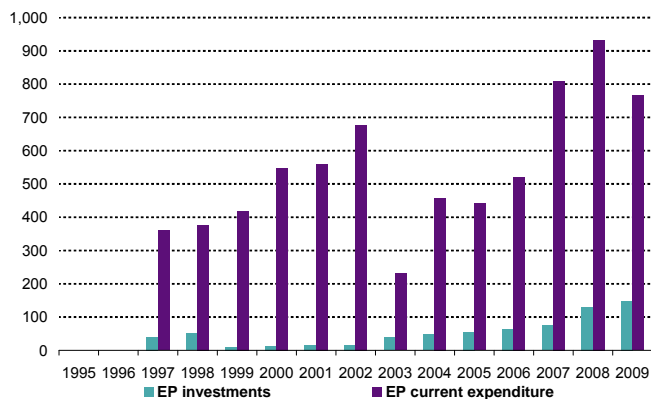
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure CZ8 : Specialised producers' EPE, 1997-2009  
(% of investments plus compensation of employees and intermediate consumption of business activities)



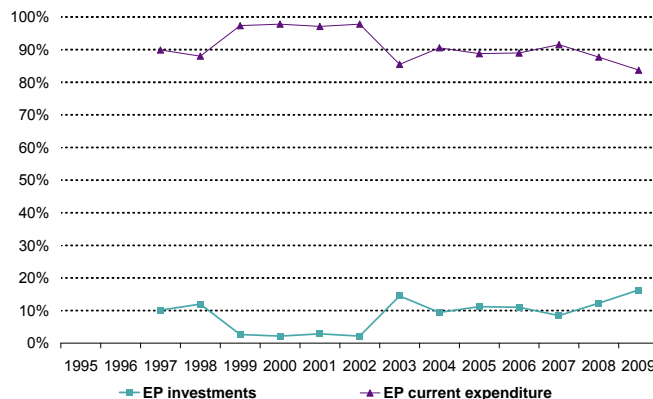
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure CZ9:** Specialised producers' EP investments and current expenditures, 1997-2009 (EUR million)



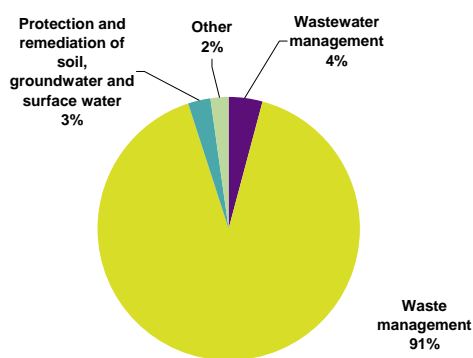
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ10:** Specialised producers' EP investments and current expenditures, 1997-2009 (% of specialised producers' EPE)



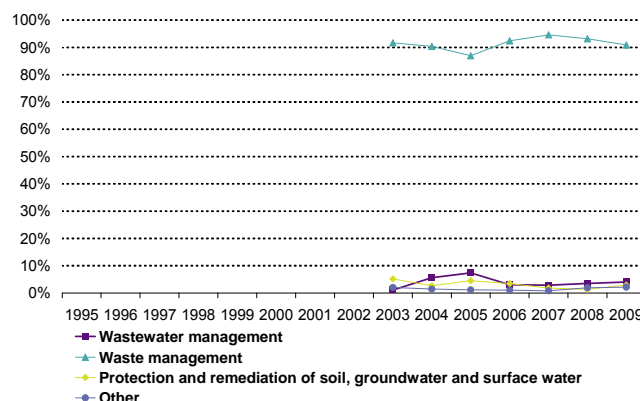
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



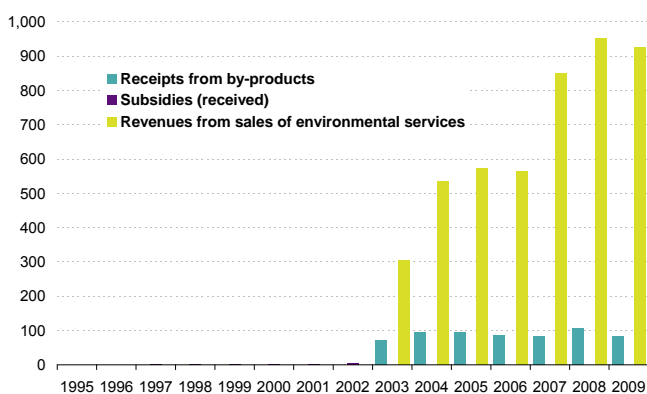
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ12:** Specialised producers' EPE by environmental domain, 2003-2009 (% of specialised producers' EPE)



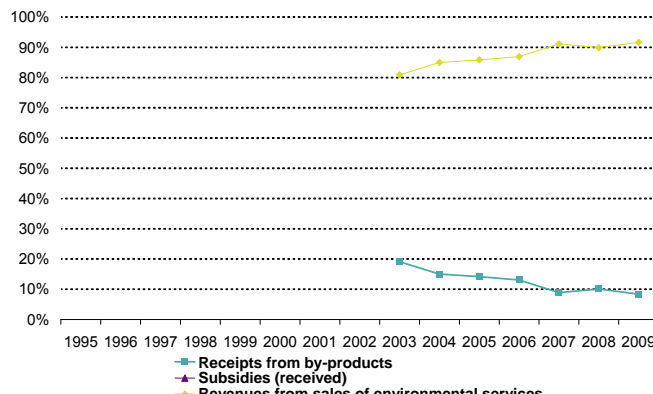
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1997-2009 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2003-2009 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

Table CZ3 Environmental protection expenditure by industry, 2009

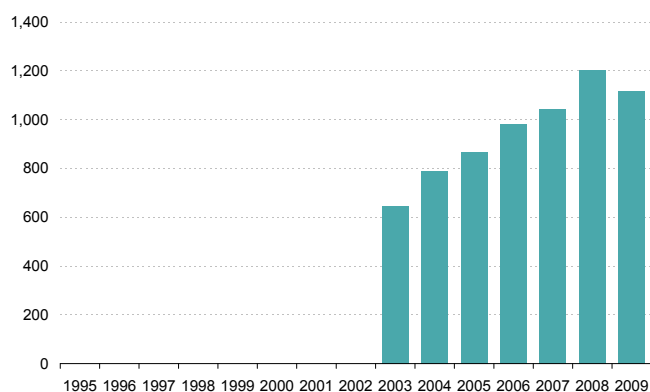
Industry	2009 (EUR million)
EPE	1 118.13
Pollution treatment investments	189.80
Pollution prevention investments	219.33
Investments	414.59
In-house current expenditure	392.17
Fees and purchases	311.37
Total current expenditure	703.54
Receipts from by-products	195.34
Subsidies/transfers (received)	:
Expenditure I	611.42
Expenditure II	922.79

Industry	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.82%	106.82

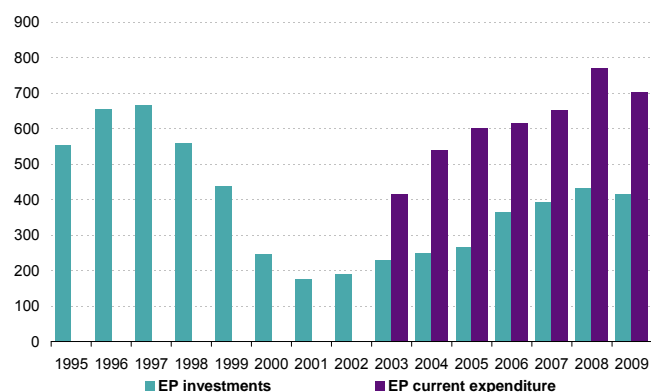
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure CZ15 : Industry's EPE, 2003-2009  
(EUR million)



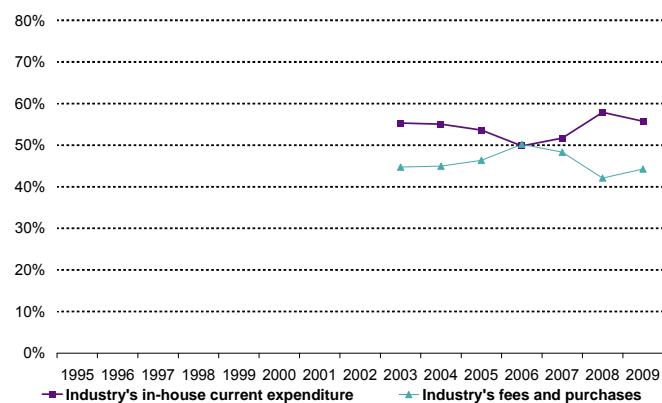
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure CZ16 : Industry's EP investments and current expenditures, 1995-2009  
(EUR million)



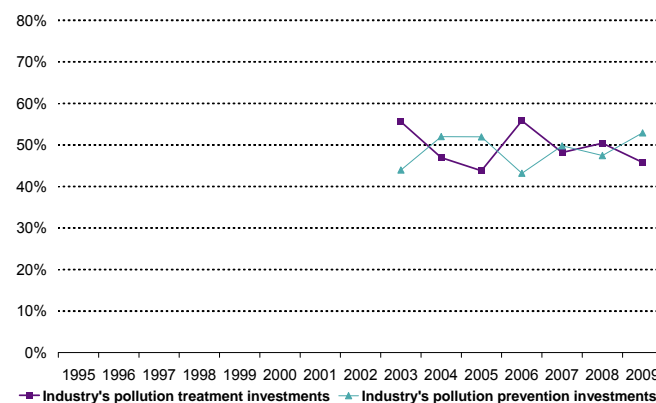
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ17 : Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2003-2009**  
(% of industry's EP current expenditure)



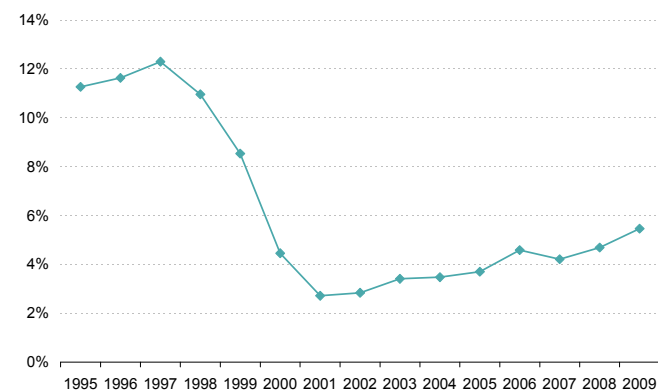
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ18 : Industry's environmental investments: pollution treatment and pollution prevention investments, 2003-2009**  
(% of industry's EP investments)



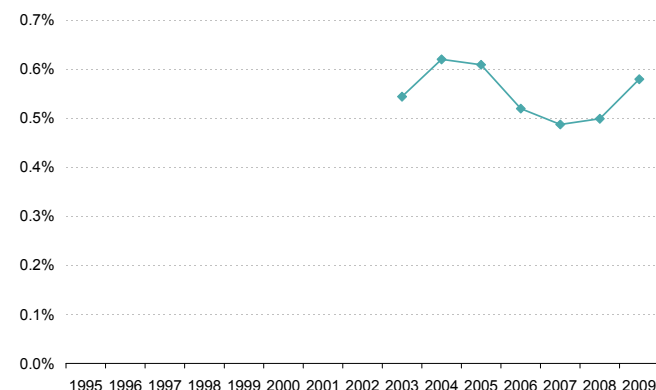
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ19 : Industry's EP investments, 1995-2009**  
(% of industry's GFCF)



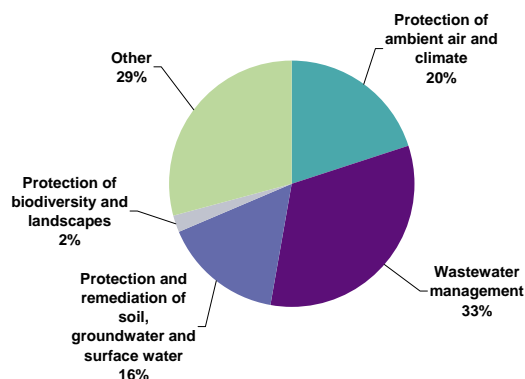
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure CZ20 : Industry's EP current expenditure, 2003-2009**  
(% of industry's compensation of employees plus intermediate consumption)



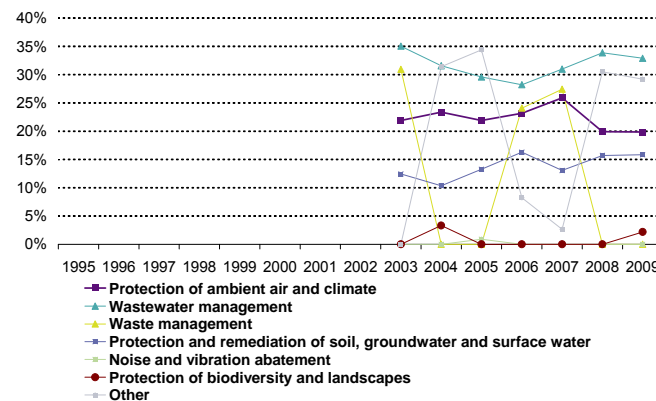
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure CZ21 : Industry's EPE by environmental domain, 2009**  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

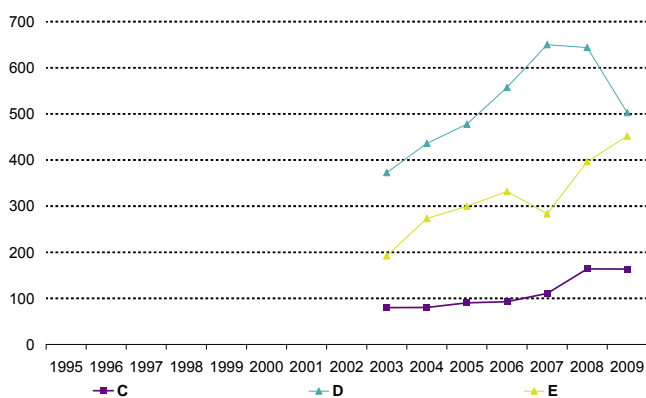
**Figure CZ22 : Industry's EPE by environmental domain, 2003-2009**  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

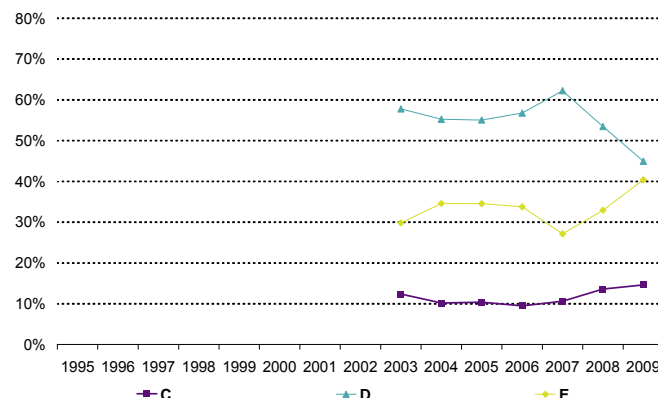


**Figure CZ23 : Industry's EPE by sector, 2003-2009**  
(EUR million)



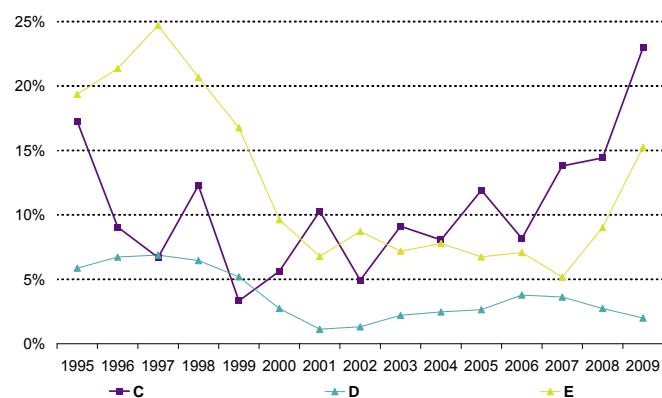
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ24 : Industry's EPE by sector, 2003-2009**  
(% of industry's EPE)



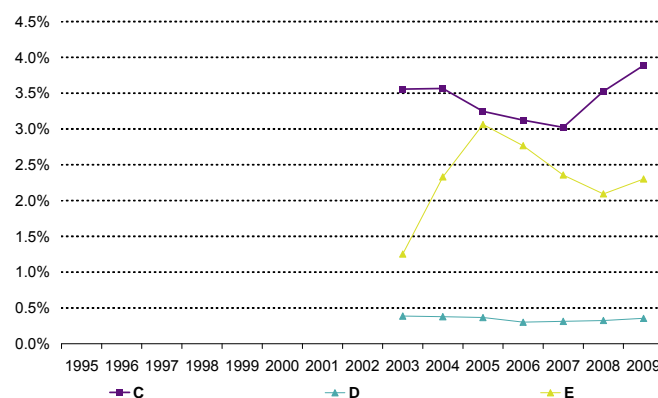
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CZ25 : Industry's investments by sector, 1995-2009**  
(% of GFCF)



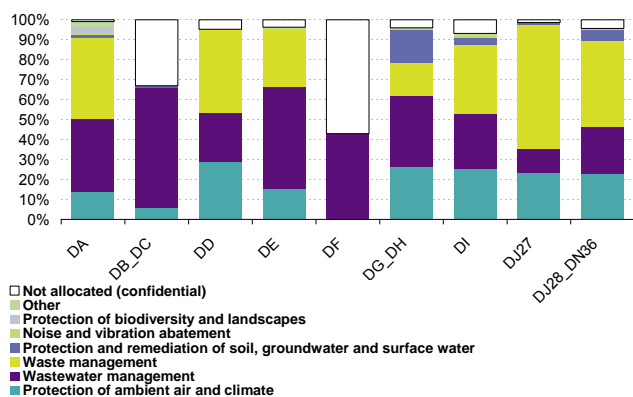
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure CZ26 : Industry's current expenditures by sector, 2003-2009**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure CZ27 : EPE in manufacturing subsectors by environmental domain, 2009**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

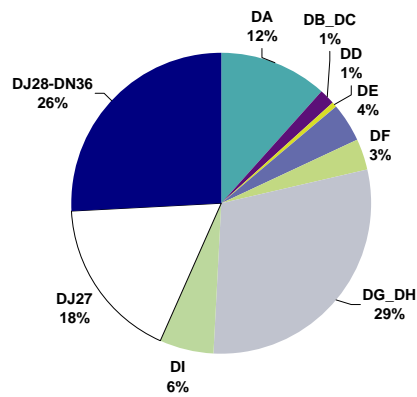
DA: food products, tobacco and beverages

DB\_DC: textile and leather products

DD: wood products

DE: pulp, paper products, publishing and printing

**Figure CZ28 : EPE in manufacturing subsectors, 2009**  
(% of total manufacturing's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products

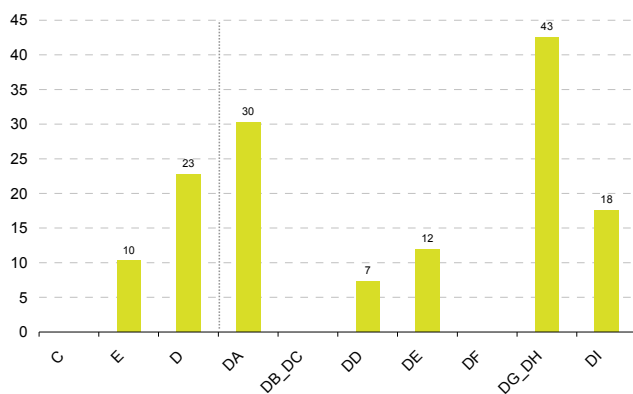
DI: other non metallic products

DJ27: basic metals

DJ28-DN36: metal products, machinery and equipment

DF: coke, refined petroleum and nuclear fuel

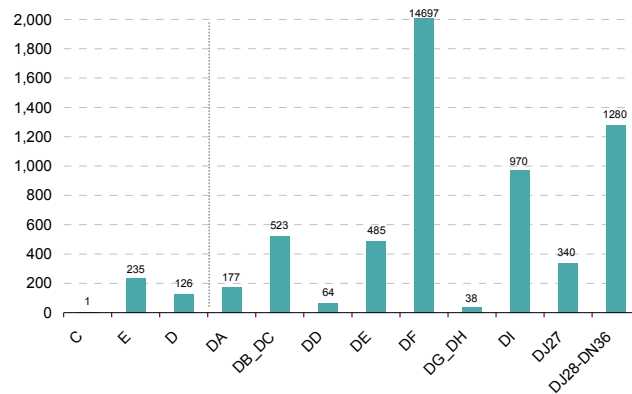
**Figure CZ29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing

**Figure CZ30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply

## Denmark

## Public sector

Table DK1 Environmental protection expenditure in the public sector, 2008

<b>Public sector</b>	<b>2008</b> (EUR million)	
EPE	1 552.20	
Investments	170.01	
In-house current expenditure	1 079.65	
Fees and purchases	:	
Total current expenditure	1 079.65	
Receipts from by-products	:	
Subsidies/transfers (given)	302.54	
Revenues	122.24	
Expenditure I	1 249.66	
Expenditure II	1 429.96	

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	0.66%	283.47

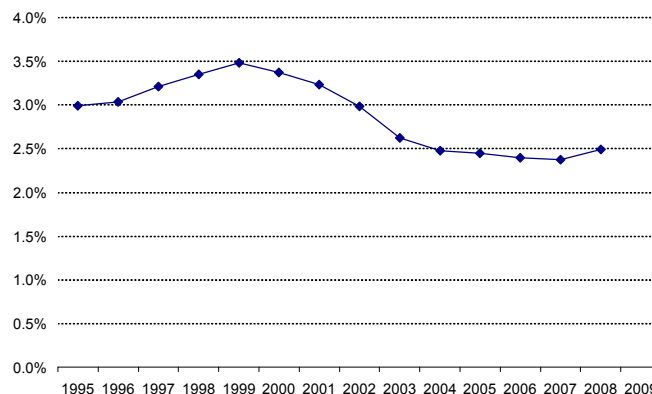
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure DK1 : Public sector's EPE, 1995-2008**  
(EUR million)



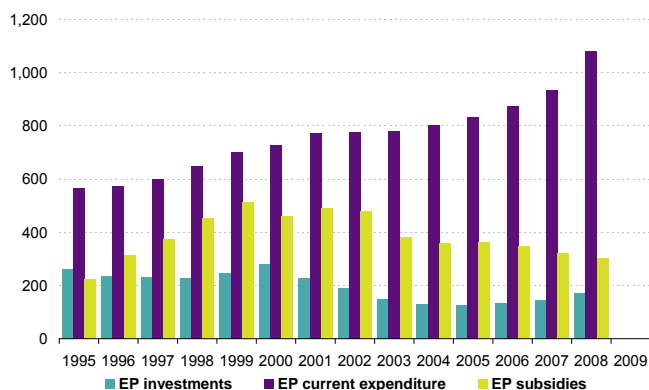
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure DK2 : Public sector's EPE, 1995-2008**  
(% of final consumption expenditure of general government)



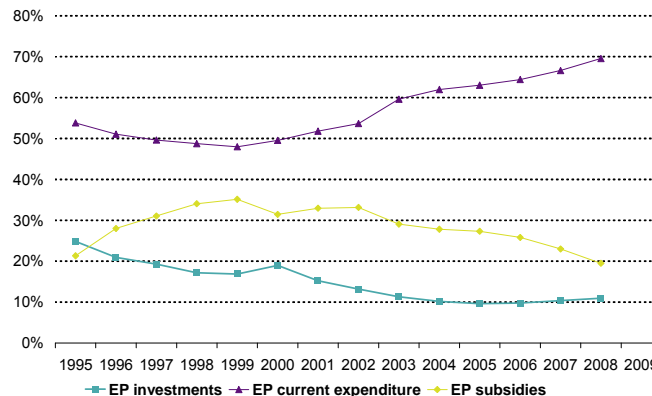
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure DK3 : Public sector's EP investments, current expenditures and subsidies, 1995-2008**  
(EUR million)



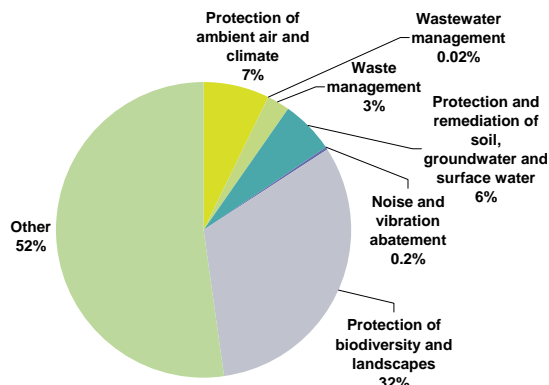
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure DK4 : Public sector's EP investments, current expenditures and subsidies, 1995-2008**  
(% of public sector's EPE)



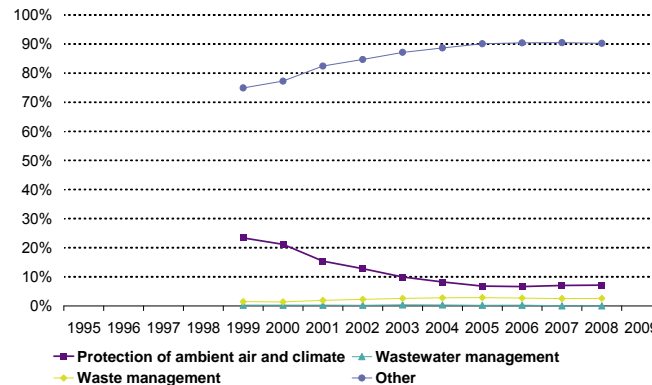
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure DK5 : Public sector's EPE by environmental domain, 2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure DK6 : Public sector's EPE by environmental domain, 1999-2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Specialised producers

Table DK2 Environmental protection expenditure of the specialised producers, 2008

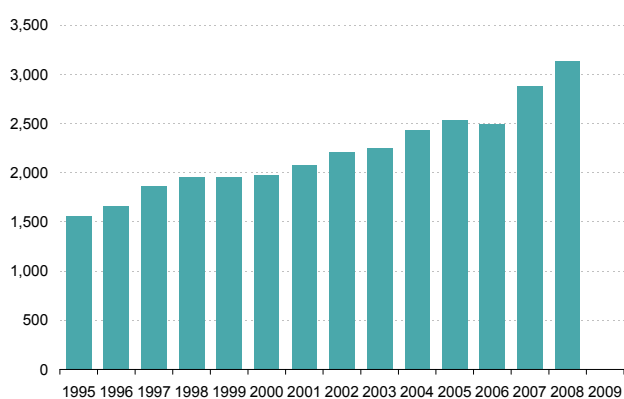
Specialised producers	2008 (EUR million)
EPE	3 132.00
Investments	720.84
In-house current expenditure	2 411.16
Fees and purchases	:
Total current expenditure	2 411.16
Receipts from by-products	:
Subsidies/transfers (received)	30.88
Revenues	3 160.98
Expenditure I	3 132.00
Expenditure II	-59.86

Specialised producers	2008 (% of GDP)	2008 (EUR per capita)
EPE	1.34%	571.97

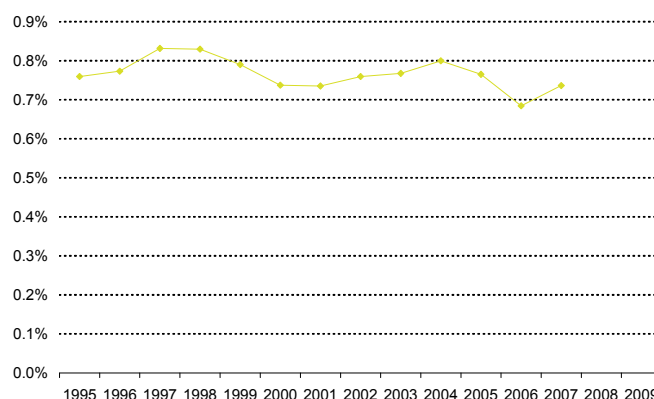
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure DK7 : Specialised producers' EPE, 1995-2008 (EUR million)



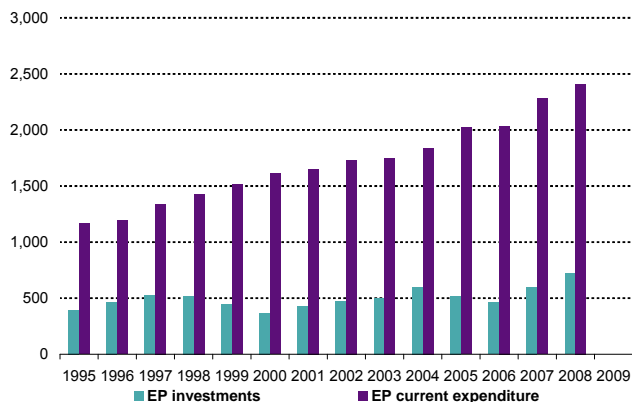
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure DK8 : Specialised producers' EPE, 1995-2007 (% of investments plus compensation of employees and intermediate consumption of business activities)



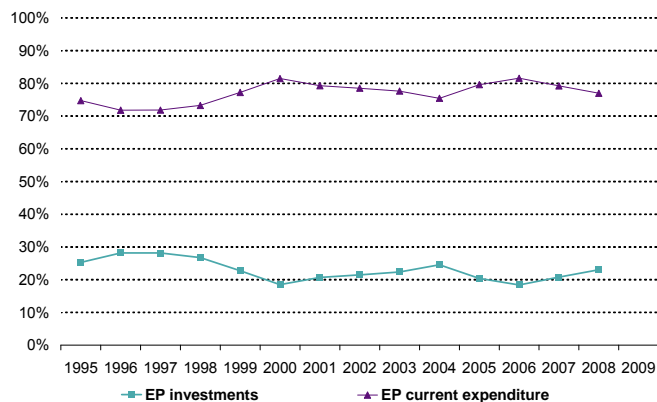
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure DK9:** Specialised producers' EP investments and current expenditures, 1995-2008 (EUR million)



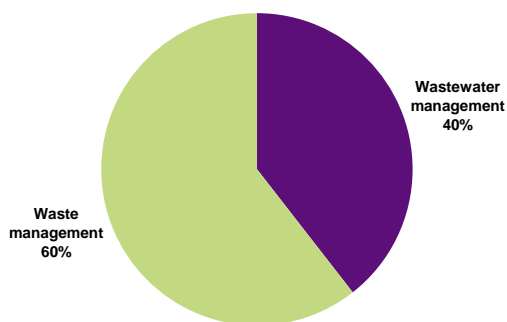
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure DK10:** Specialised producers' EP investments and current expenditures, 1995-2008 (% of specialised producers' EPE)



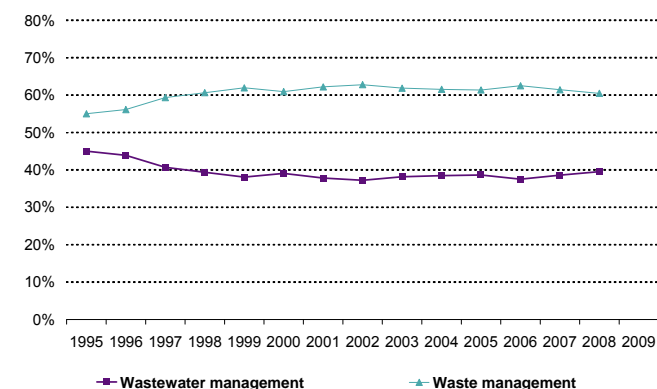
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure DK11:** Specialised producers' EPE by environmental domain, 2008 (% of specialised producers' EPE)



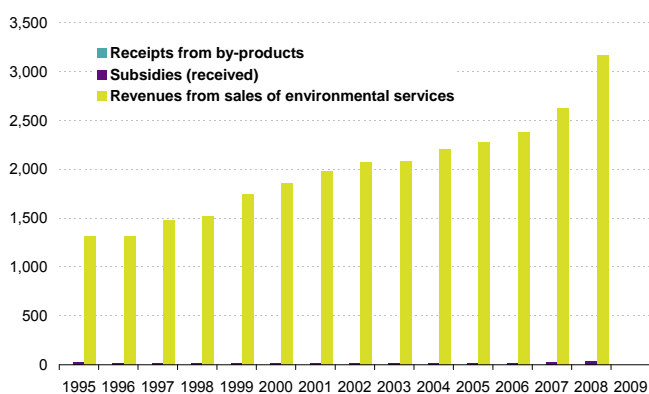
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure DK12:** Specialised producers' EPE by environmental domain, 1995-2008 (% of specialised producers' EPE)



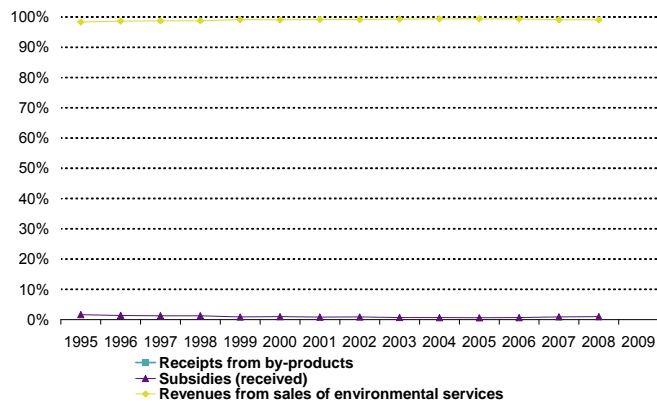
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure DK13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1995-2008 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure DK14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1995-2008 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Germany

## Public sector

Table DE1 Environmental protection expenditure in the public sector, 2007

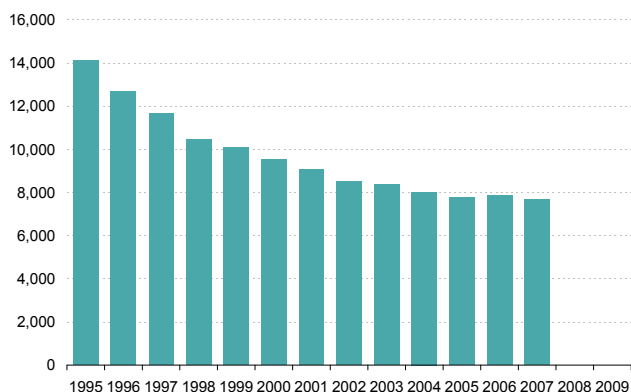
<b>Public sector</b>	<b>2007</b> (EUR million)	
EPE	7 690.00	
Investments	1 830.00	
In-house current expenditure	5 860.00	
Fees and purchases	:	
Total current expenditure	5 860.00	
Receipts from by-products	:	
Subsidies/transfers (given)	:	
Revenues	:	
Expenditure I	7 690.00	
Expenditure II	:	

<b>Public sector</b>	<b>2007</b>	
	(% of GDP)	(EUR per capita)
EPE	0.32%	93.42

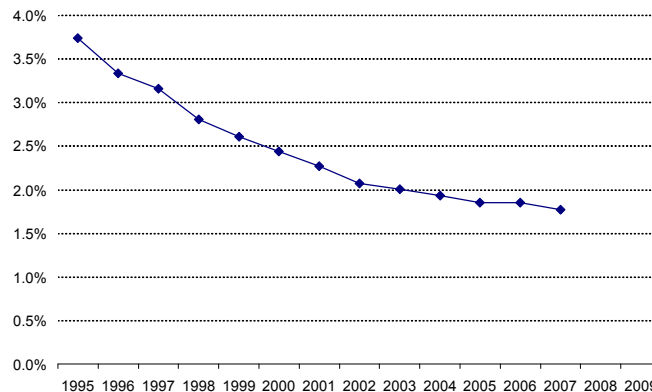
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure DE1 : Public sector's EPE, 1995-2007**  
(EUR million)



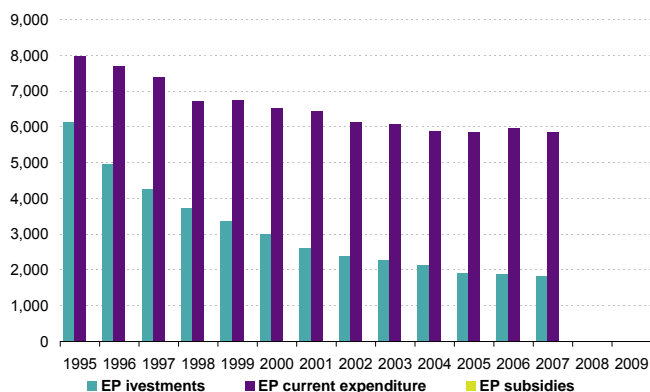
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE2 : Public sector's EPE, 1995-2007**  
(% of final consumption expenditure of general government)



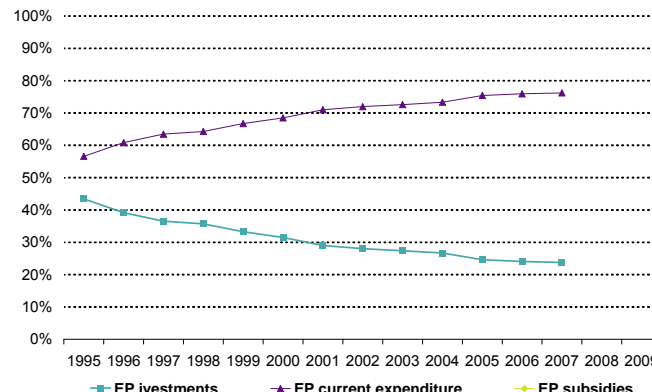
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure DE3 : Public sector's EP investments, current expenditures and subsidies, 1995-2007**  
(EUR million)



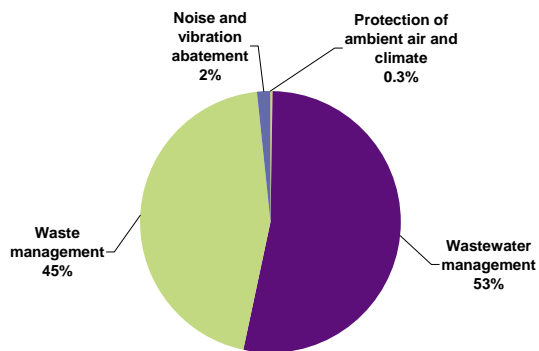
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE4 : Public sector's EP investments, current expenditures and subsidies, 1995-2007**  
(% of public sector's EPE)



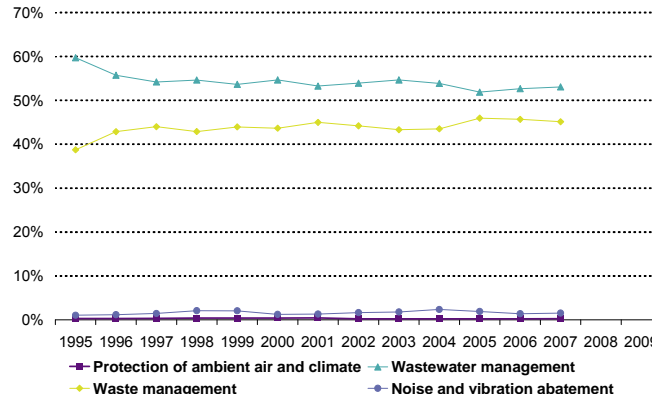
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE5 : Public sector's EPE by environmental domain, 2007**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE6 : Public sector's EPE by environmental domain, 1995-2007**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))



## Specialised producers

Table DE2 Environmental protection expenditure of the specialised producers, 2007

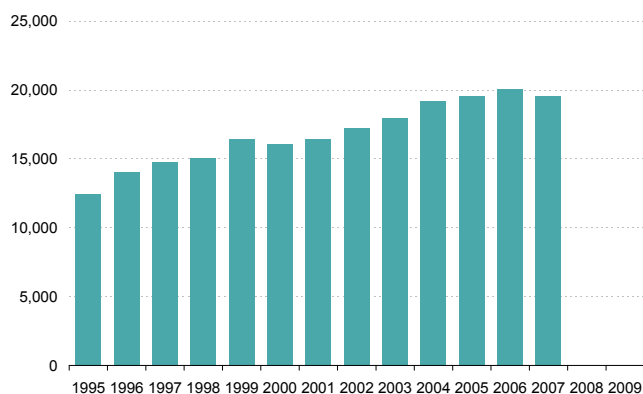
Specialised producers	2007 (EUR million)
EPE	19 540.00
Investments	4 120.00
In-house current expenditure	15 420.00
Fees and purchases	:
Total current expenditure	15 420.00
Receipts from by-products	:
Subsidies/transfers (received)	:
Revenues	:
Expenditure I	19 540.00
Expenditure II	:

Specialised producers	2007 (% of GDP)	2007 (EUR per capita)
EPE	0.80%	237.38

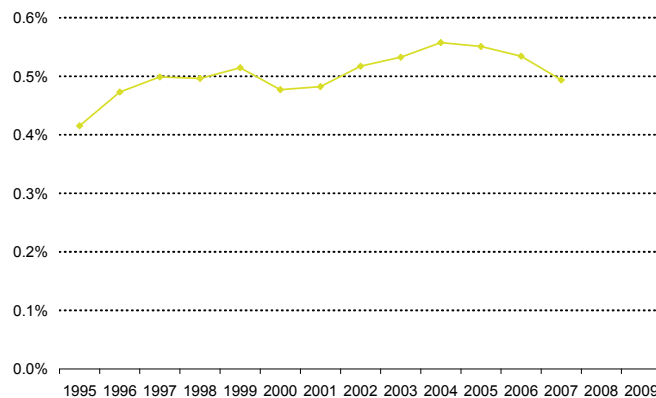
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure DE7 : Specialised producers' EPE, 1995-2007  
(EUR million)



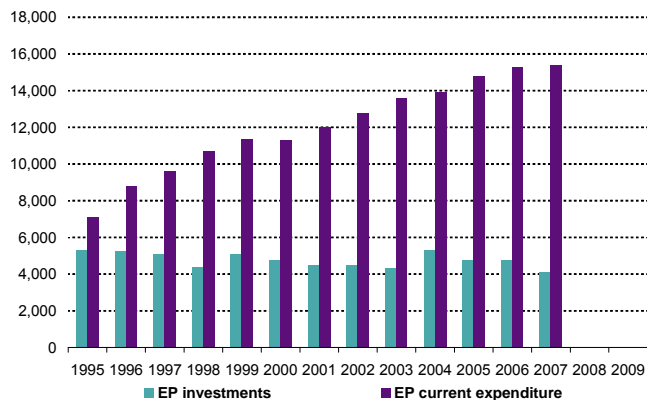
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure DE8 : Specialised producers' EPE, 1995-2007  
(% of investments plus compensation of employees and  
intermediate consumption of business activities)



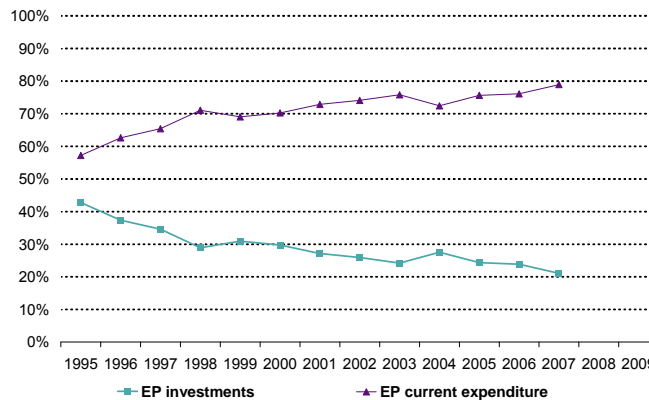
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure DE9:** Specialised producers' EP investments and current expenditures, 1995-2007 (EUR million)



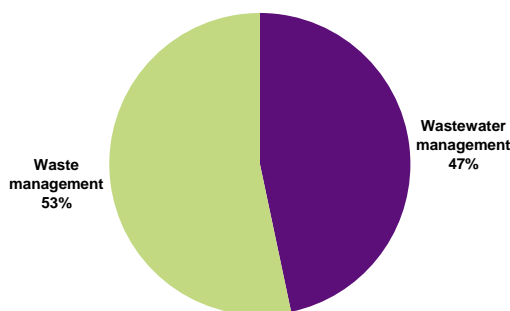
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE10:** Specialised producers' EP investments and current expenditures, 1995-2007 (% of specialised producers' EPE)



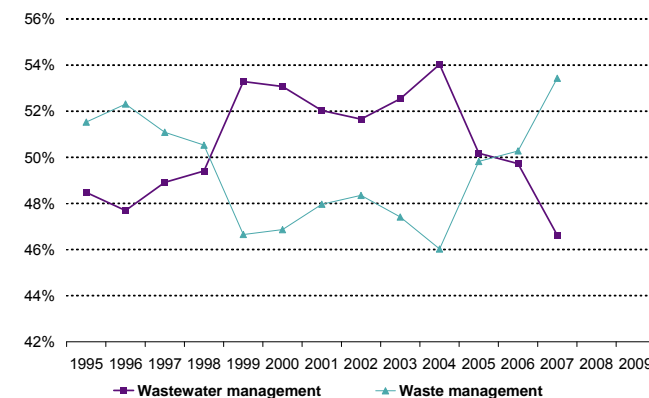
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE11:** Specialised producers' EPE by environmental domain, 2007 (% of specialised producers' EPE)



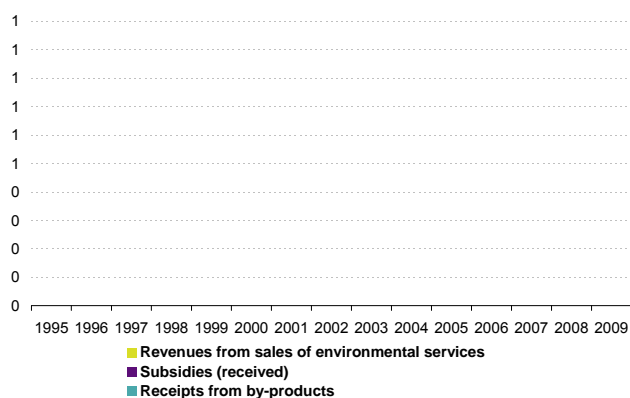
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE12:** Specialised producers' EPE by environmental domain, 1995-2007 (% of specialised producers' EPE)



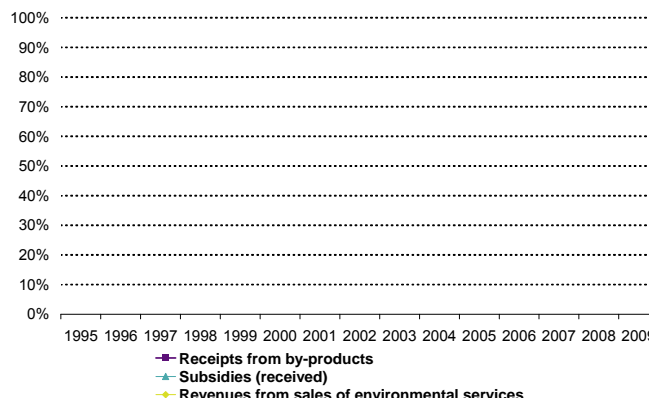
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (EUR million)



\* No data available.

**Figure DE14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (% of specialised producers' EP revenues)



\* No data available.

## Industry

Table DE3 Environmental protection expenditure by industry, 2007

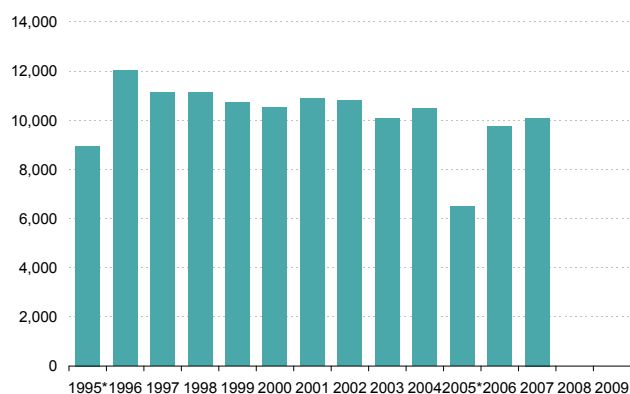
Industry	2007 (EUR million)
EPE	10 090.00
Pollution treatment investments	1 840.00
Pollution prevention investments	:
Investments	1 840.00
In-house current expenditure	4 790.00
Fees and purchases	3 470.00
Total current expenditure	8 250.00
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	6 640.00
Expenditure II	10 100.00

Industry	2007 (% of GDP)	2007 (EUR per capita)
EPE	0.41%	122.58

Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

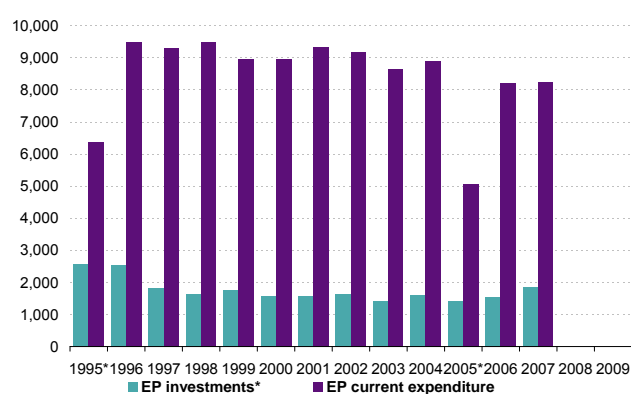
Figure DE15 : Industry's EPE, 1995-2007  
(EUR million)



\* No data on fees and purchases available

Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

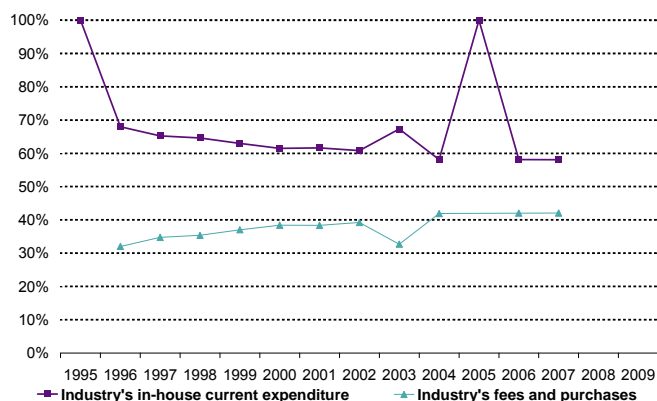
Figure DE16 : Industry's EP investments and current expenditures, 1995-2007  
(EUR million)



\* Investments: only pollution treatment investments are included.

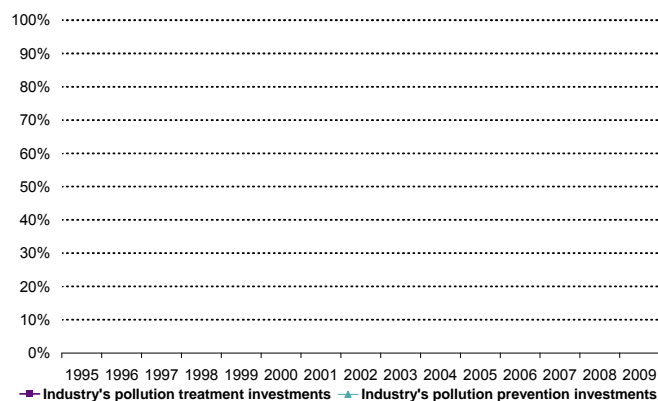
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1995-2007  
(% of industry's EP current expenditure)



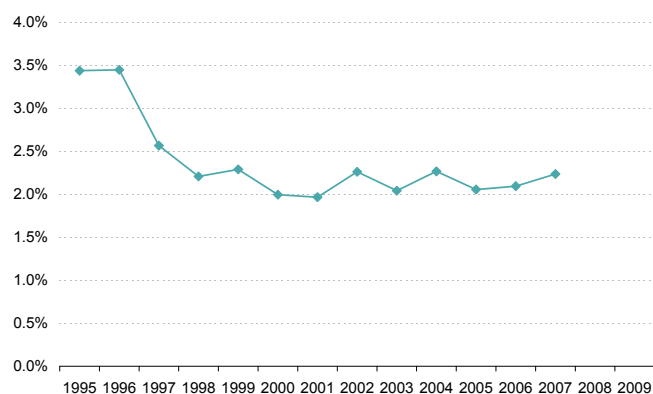
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE18 :** Industry's environmental investments: pollution treatment and pollution prevention investments\*  
(% of industry's EP investments)



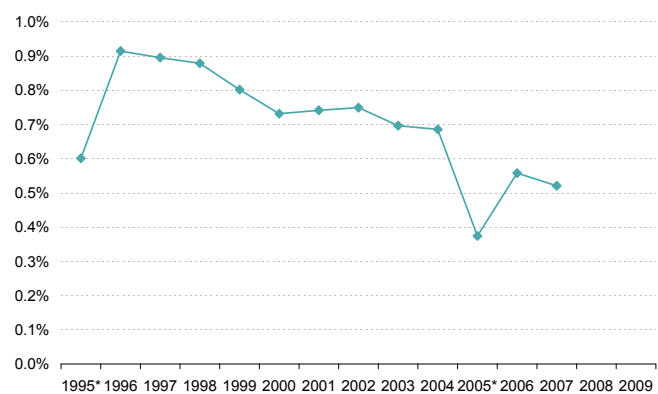
\* No data available.

**Figure DE19 :** Industry's EP investments, 1995-2007  
(% of industry's GFCF)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

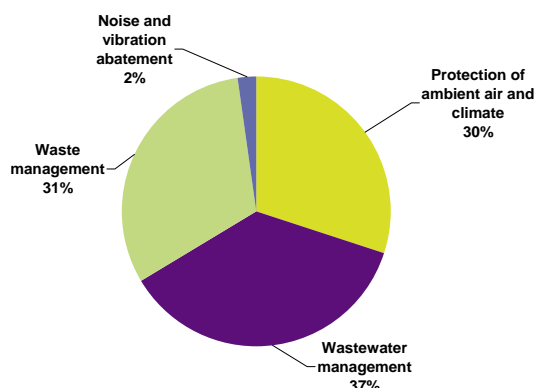
**Figure DE20 :** Industry's EP current expenditure, 1995-2007  
(% of industry's compensation of employees plus intermediate consumption)



\* No data on fees and purchases available

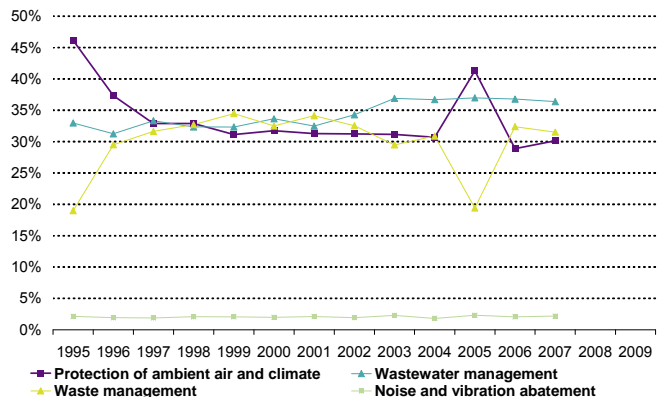
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure DE21 :** Industry's EPE by environmental domain, 2007  
(% of industry's EPE)



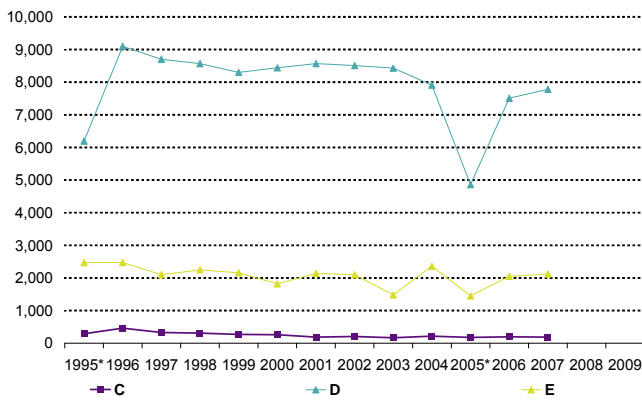
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE22 :** Industry's EPE by environmental domain, 1995-2007  
(% of industry's EPE)



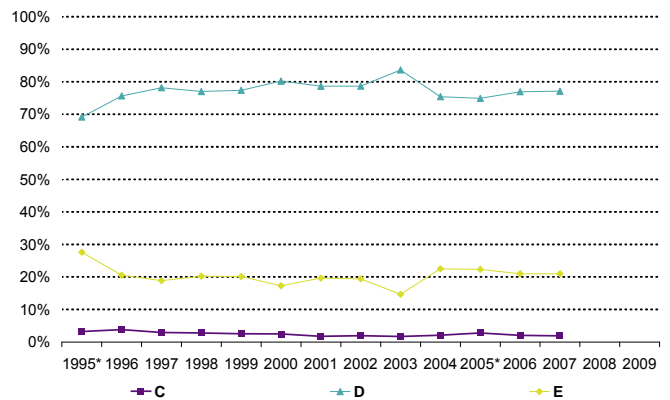
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE23 : Industry's EPE by sector, 1995-2007**  
(EUR million)



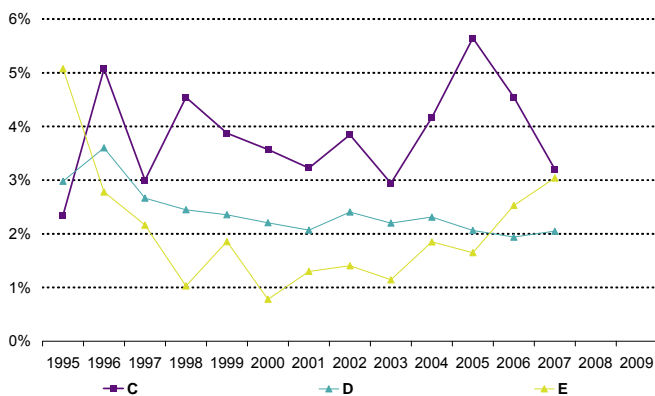
\* No data on fees and purchases available  
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE24 : Industry's EPE by sector, 1995-2007**  
(% of industry's EPE)



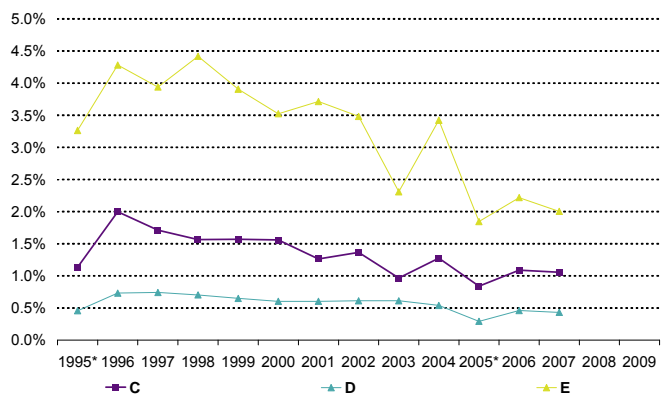
\* No data on fees and purchases available  
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure DE25 : Industry's investments by sector, 1995-2007**  
(% of GFCF)



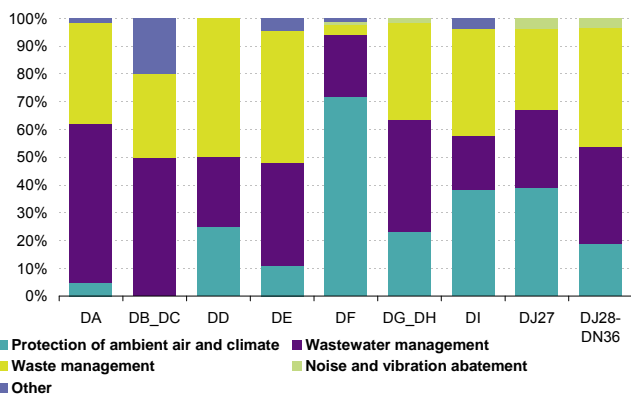
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure DE26 : Industry's current expenditures by sector, 1995-2007**  
(% of compensation of employees plus intermediate consumption)



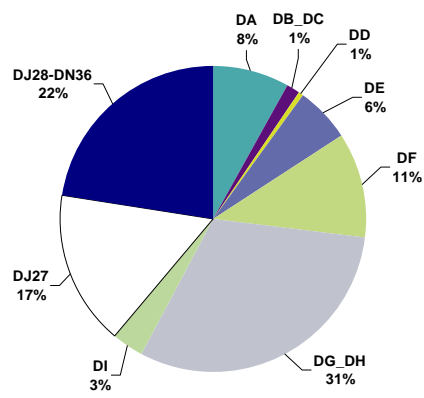
\* No data on fees and purchases available  
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure DE27 : EPE in manufacturing subsectors by environmental domain, 2007**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))  
DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products

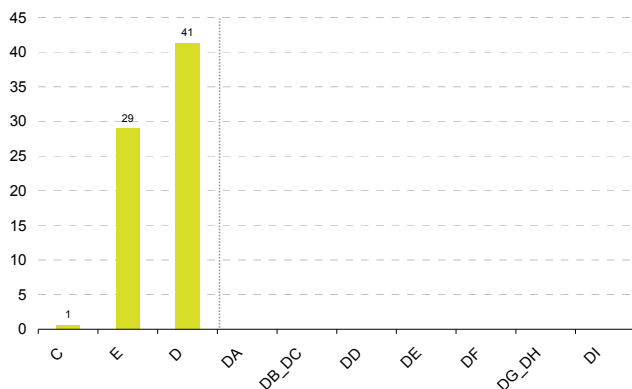
**Figure DE28 : EPE in manufacturing subsectors, 2007**  
(% of total manufacturing's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))  
DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals

DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel

**Figure DE29** : Industry's EPE for waste management and industry's waste generation, 2006 (EUR/tonne)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying

D: Manufacturing

DA: food products, tobacco and beverages

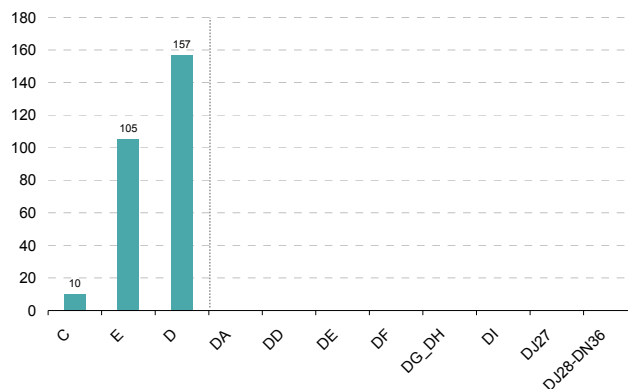
DB\_DC: textile and leather products

DD: wood products

DE: pulp, paper products, publishing and printing

DJ28\_DN36: metal products, machinery and equipment

**Figure DE30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel

DG\_DH: chemicals, chemical products, rubber and plastic products

DI: other non metallic products

DJ27: basic metals

DJ28\_DN36: metal products, machinery and equipment

E: Electricity, gas and water supply

## Estonia

## Public sector\*

Table EE1 Environmental protection expenditure in the public sector, 2008

<b>Public sector</b>	<b>2008</b> (EUR million)	
EPE	25.68	
Investments	14.90	
In-house current expenditure	2.84	
Fees and purchases	7.94	
Total current expenditure	10.78	
Receipts from by-products	0.06	
Subsidies/transfers (given)	:	
Revenues	0.52	
Expenditure I	17.68	
Expenditure II	25.10	

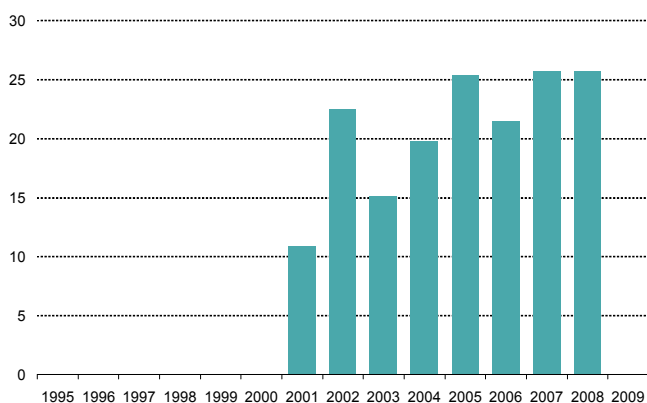
  

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	0.16%	19.15

\* Data refer only to local governments.

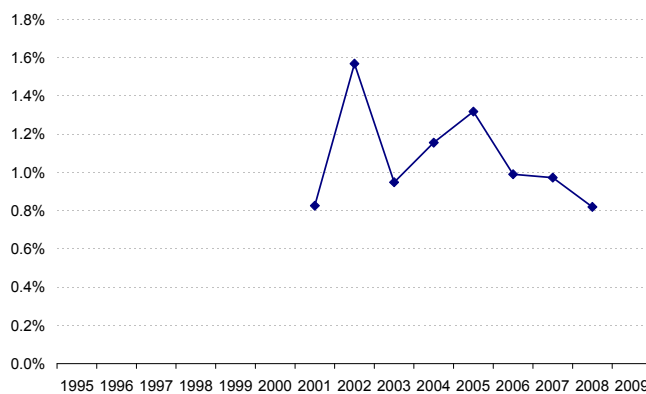
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure EE1 : Public sector's EPE, 2001-2008**  
(EUR million)



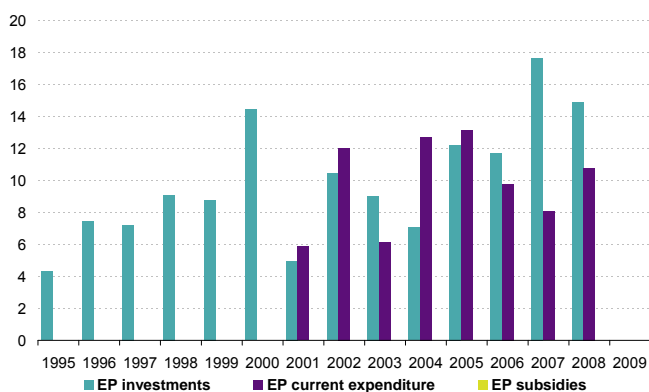
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE2 : Public sector's EPE, 2001-2008**  
(% of final consumption expenditure of general government)



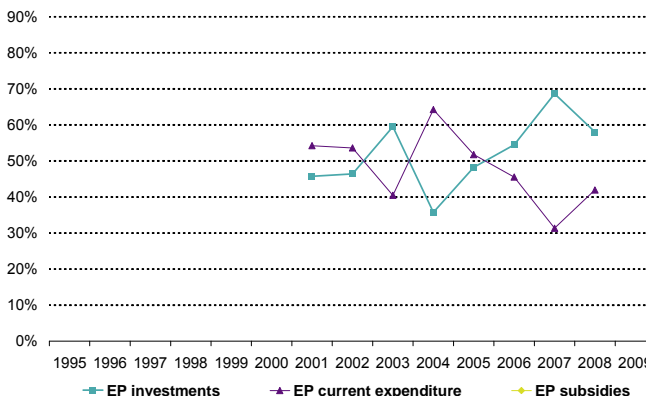
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure EE3 : Public sector's EP investments, current expenditures and subsidies, 1995-2008**  
(EUR million)



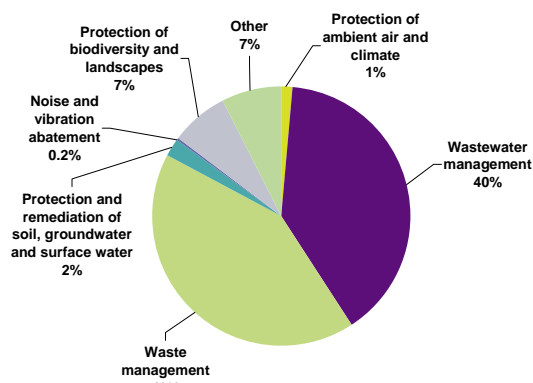
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE4 : Public sector's EP investments, current expenditures and subsidies, 2001-2008**  
(% of public sector's EPE)



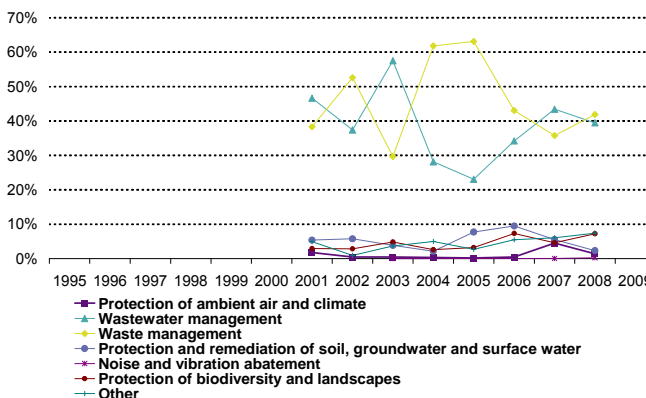
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE5 : Public sector's EPE by environmental domain, 2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE6 : Public sector's EPE by environmental domain, 2001-2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))



## Specialised producers

**Table EE2** Environmental protection expenditure of the specialised producers, 2008

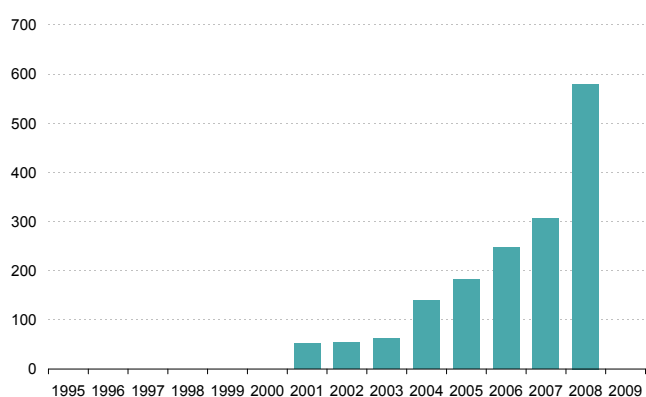
Specialised producers	2008 (EUR million)
EPE	579.73
Investments	94.96
In-house current expenditure	427.49
Fees and purchases	57.28
Total current expenditure	484.77
Receipts from by-products	335.91
Subsidies/transfers (received)	:
Revenues	191.67
Expenditure I	186.55
Expenditure II	52.16

Specialised producers	2008 (% of GDP)	2008 (EUR per capita)
EPE	3.60%	432.33

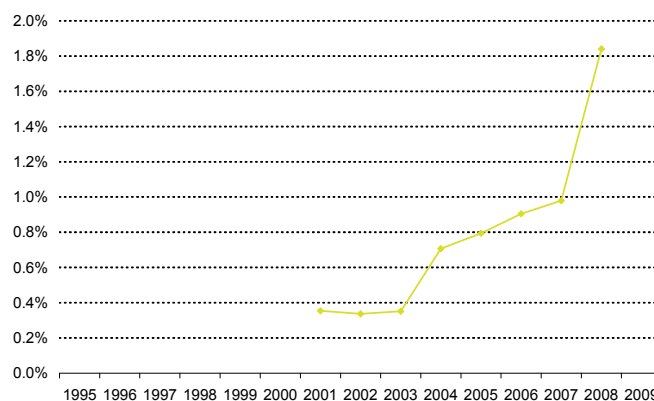
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure EE7** : Specialised producers' EPE, 2001-2008 (EUR million)



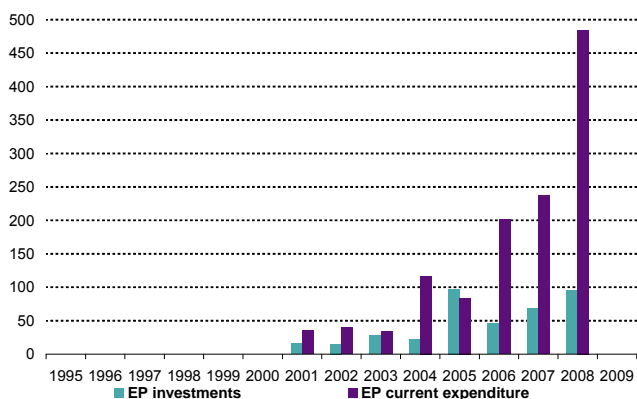
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE8** : Specialised producers' EPE, 2001-2008 (% of investments plus compensation of employees and intermediate consumption of business activities)



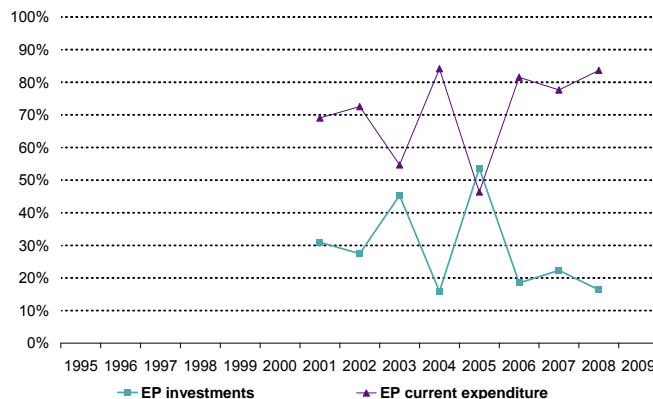
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure EE9:** Specialised producers' EP investments and current expenditures, 2001-2008 (EUR million)



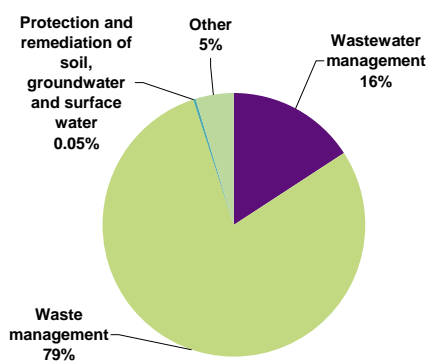
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE10:** Specialised producers' EP investments and current expenditures, 2001-2008 (% of specialised producers' EPE)



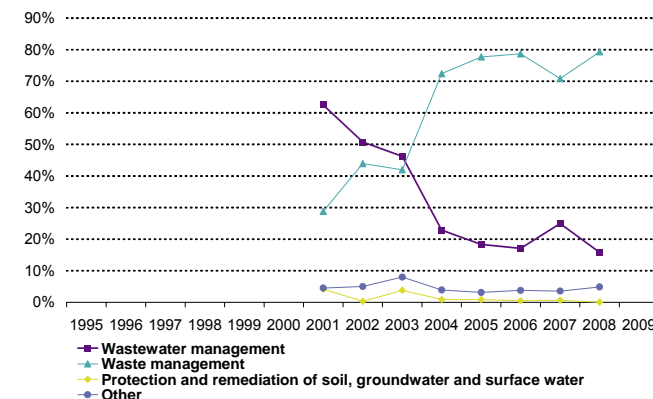
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE11:** Specialised producers' EPE by environmental domain, 2008 (% of specialised producers' EPE)



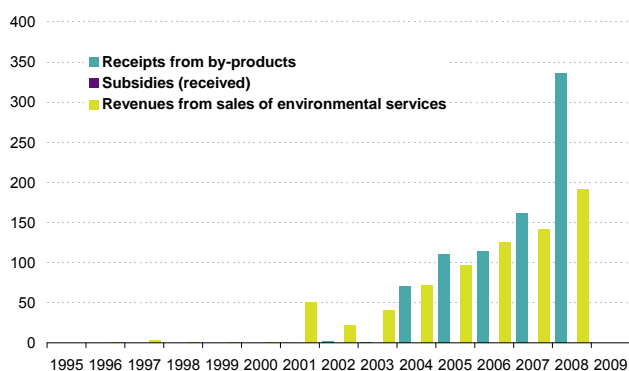
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE12:** Specialised producers' EPE by environmental domain, 2001-2008 (% of specialised producers' EPE)



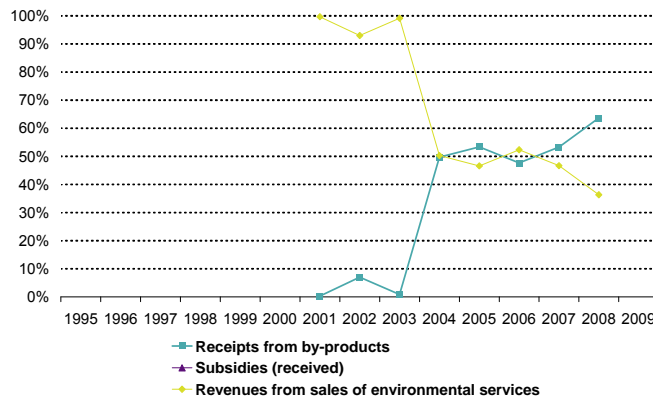
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2001-2008 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2001-2008 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

Table EE3 Environmental protection expenditure by industry, 2008

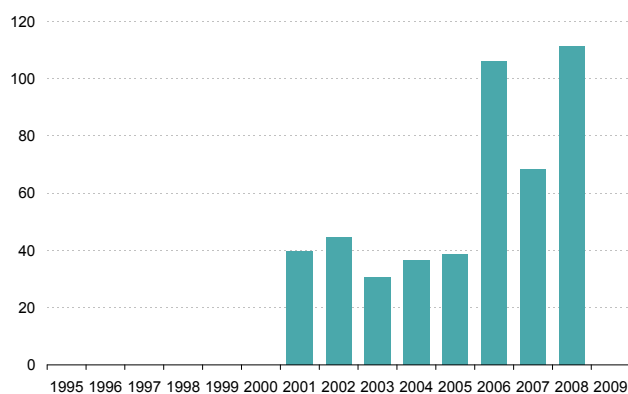
Industry	2008 (EUR million)
EPE	111.45
Pollution treatment investments	35.77
Pollution prevention investments	38.60
Investments	74.37
In-house current expenditure	14.80
Fees and purchases	22.27
Total current expenditure	37.08
Receipts from by-products	24.94
Subsidies/transfers (received)	:
Expenditure I	64.23
Expenditure II	86.50

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.69%	83.11

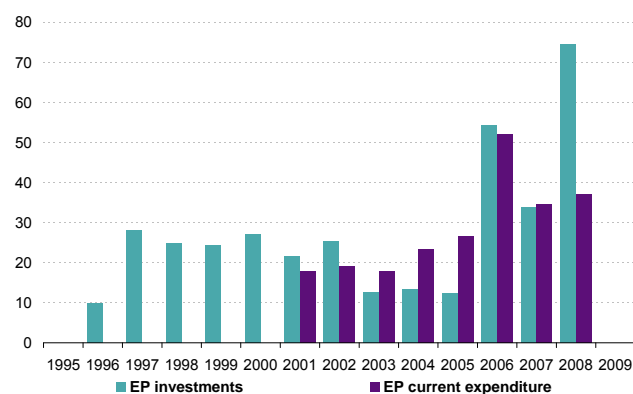
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure EE15 : Industry's EPE, 2001-2008  
(EUR million)



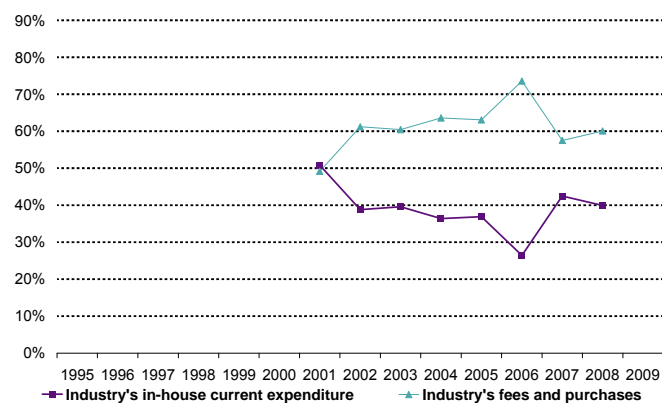
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure EE16 : Industry's EP investments and current expenditures, 1996-2008  
(EUR million)



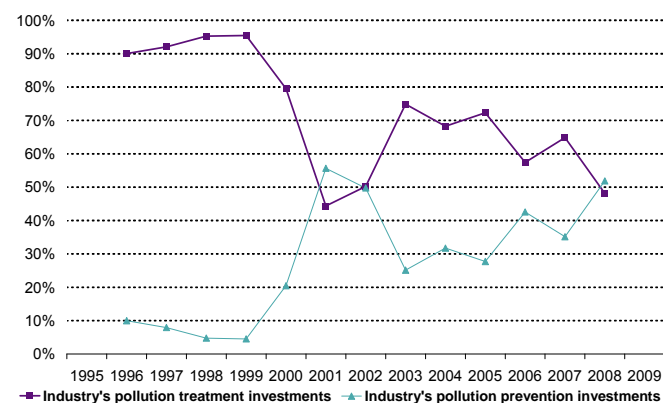
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2001-2008  
(% of industry's EP current expenditure)



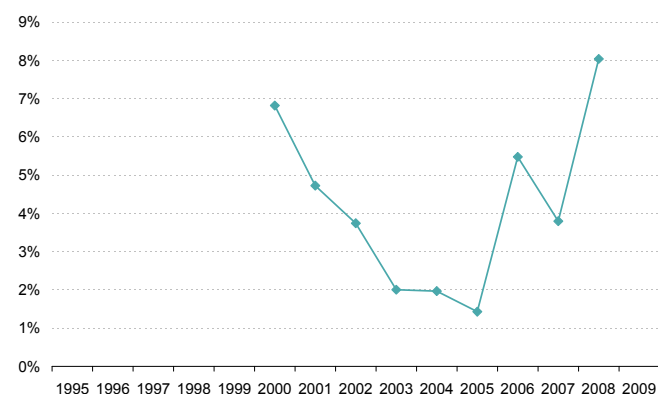
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1996-2008  
(% of industry's EP investments)



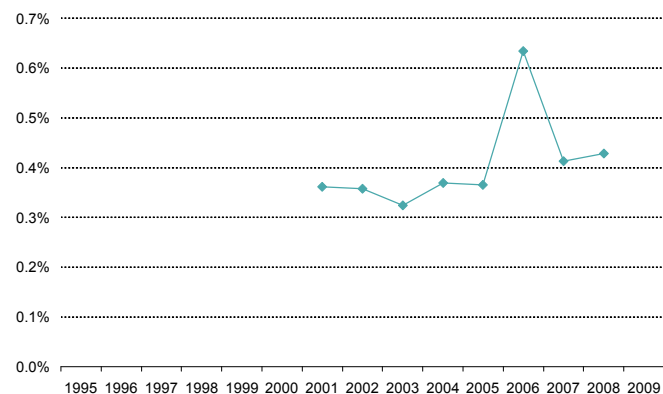
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE19 :** Industry's EP investments, 2001-2008  
(% of industry's GFCF)



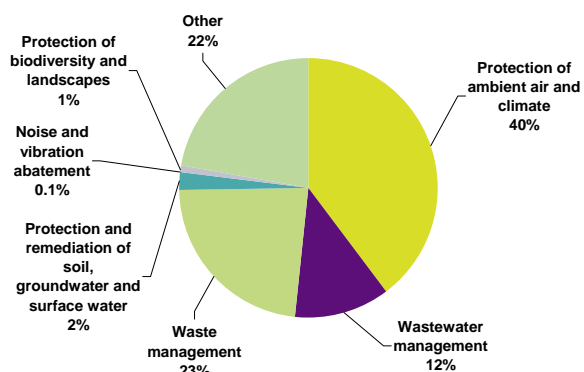
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure EE20 :** Industry's EP current expenditure, 2001-2008  
(% of industry's compensation of employees plus intermediate consumption)



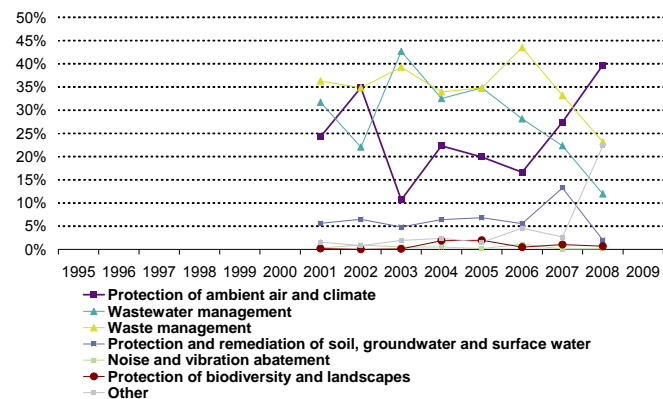
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure EE21 :** Industry's EPE by environmental domain, 2008  
(% of industry's EPE)



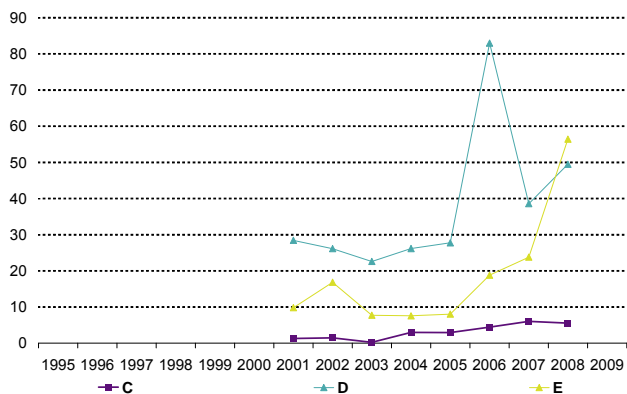
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE22 :** Industry's EPE by environmental domain, 2001-2008  
(% of industry's EPE)



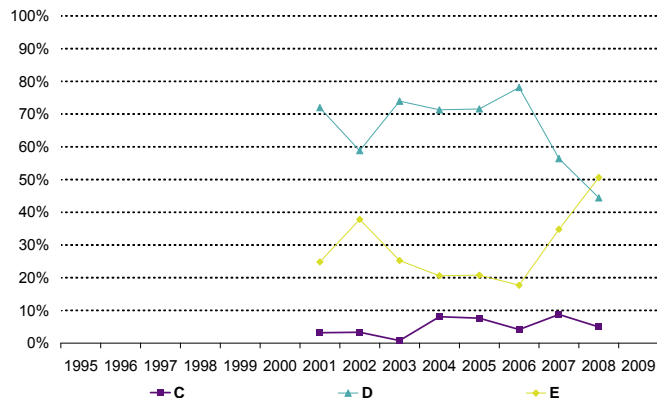
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE23 : Industry's EPE by sector, 2001-2008**  
(EUR million)



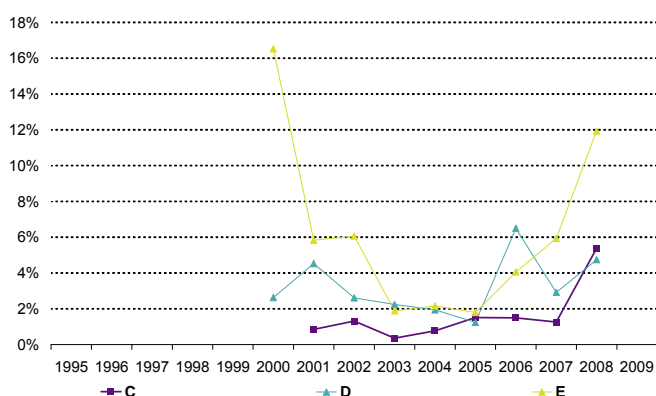
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE24 : Industry's EPE by sector, 2001-2008**  
(% of industry's EPE)



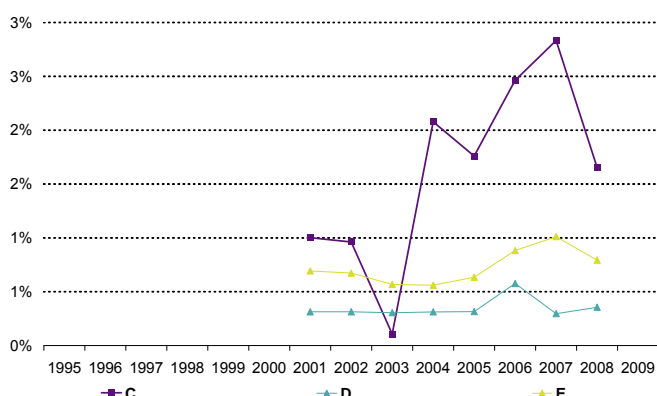
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure EE25 : Industry's investments by sector, 2001-2008**  
(% of GFCF)



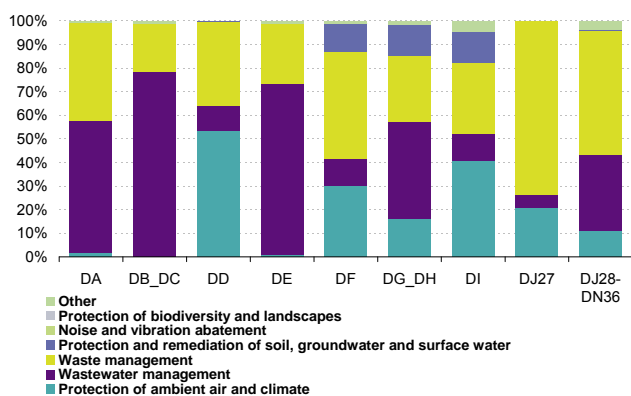
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure EE26 : Industry's current expenditures by sector, 2001-2008**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

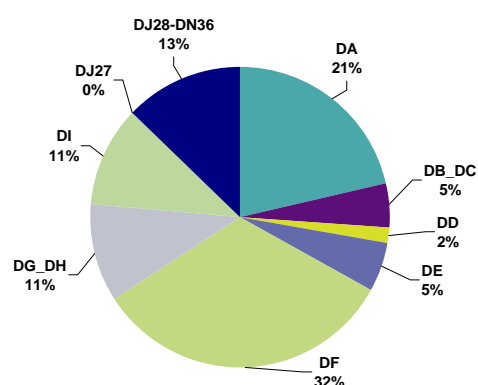
**Figure EE27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products

**Figure EE28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)

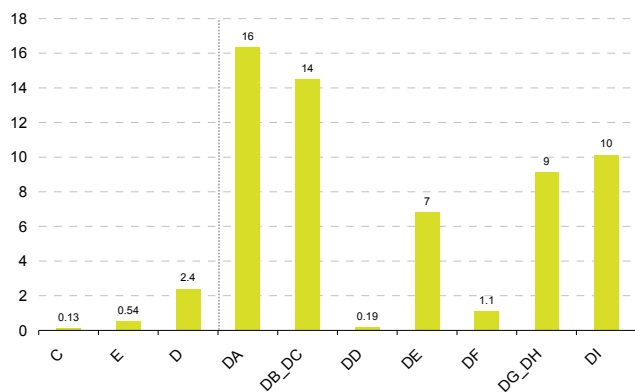


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals

DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel

**Figure EE29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

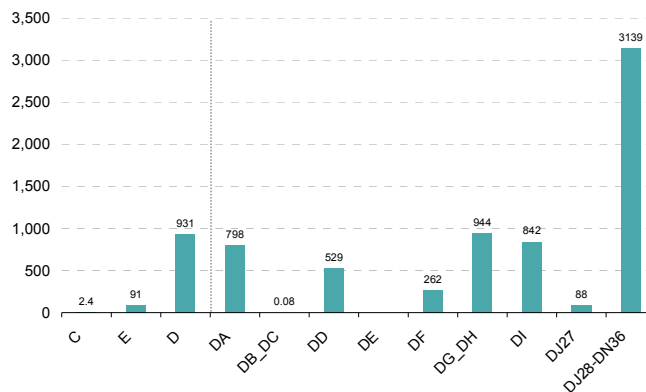


Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

- C: Mining and quarrying
- D: Manufacturing
- DA: food products, tobacco and beverages
- DB\_DC: textile and leather products
- DD: wood products
- DE: pulp, paper products, publishing and printing

DJ28\_DN36: metal products, machinery and equipment

**Figure EE30** : Industry's EPE for air protection and industry's GHG emissions, 2005 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

- DF: coke, refined petroleum and nuclear fuel
- DG\_DH: chemicals, chemical products, rubber and plastic products
- DI: other non metallic products
- DJ27: basic metals
- DJ28\_DN36: metal products, machinery and equipment
- E: Electricity, gas and water supply

## Greece

## Public sector

Table GR1 Environmental protection expenditure in the public sector, 1999

<b>Public sector</b>	<b>1999</b> (EUR million)	
EPE	822.78	
Investments	198.79	
In-house current expenditure	:	
Fees and purchases	:	
Total current expenditure	531.06	
Receipts from by-products	:	
Subsidies/transfers (given)	92.93	
Revenues	545.07	
Expenditure I	:	
Expenditure II	:	

<b>Public sector</b>	<b>1999</b>	
	(% of GDP)	(EUR per capita)
EPE	0.62%	75.75

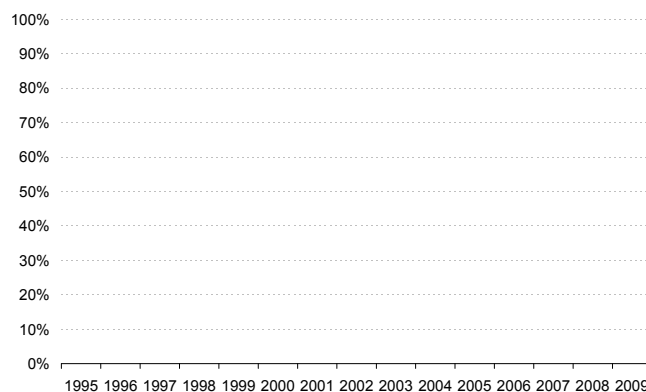
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure GR1 : Public sector's EPE, 1995-1999**  
(EUR million)



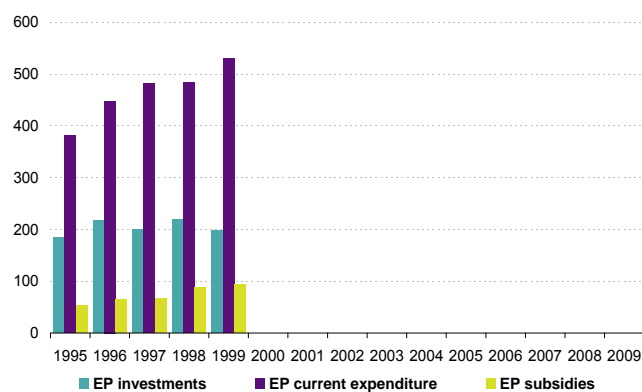
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure GR2 : Public sector's EPE\***  
(% of final consumption expenditure of general government)



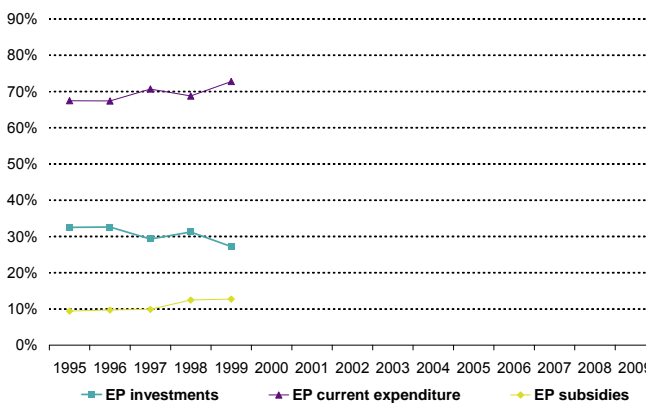
\* No data on final consumption expenditure of general government available.

**Figure GR3 : Public sector's EP investments, current expenditures and subsidies, 1995-1999**  
(EUR million)



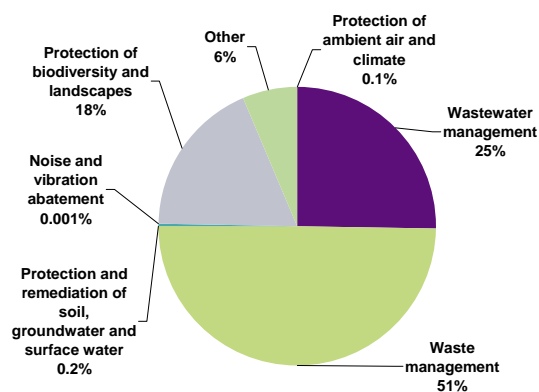
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure GR4 : Public sector's EP investments, current expenditures and subsidies, 1995-1999**  
(% of public sector's EPE)



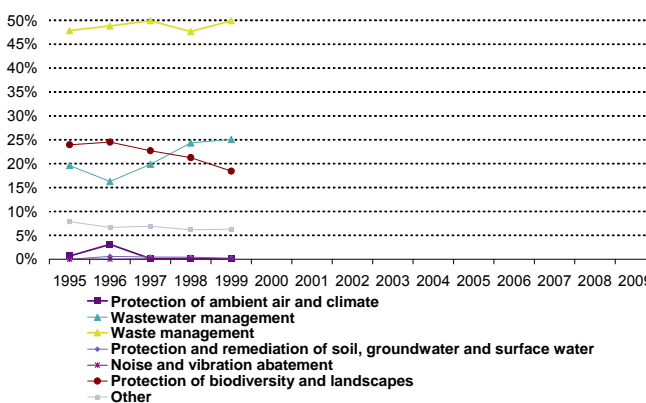
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure GR5 : Public sector's EPE by environmental domain, 1999**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure GR6 : Public sector's EPE by environmental domain, 1995-1999**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))



## Industry\*

Table GR3 Environmental protection expenditure by industry, 2003

Industry	2003 (EUR million)
EPE	60.20
Pollution treatment investments	15.33
Pollution prevention investments	35.18
Investments	50.51
In-house current expenditure	:
Fees and purchases	:
Total current expenditure	9.69
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	:
Expenditure II	:

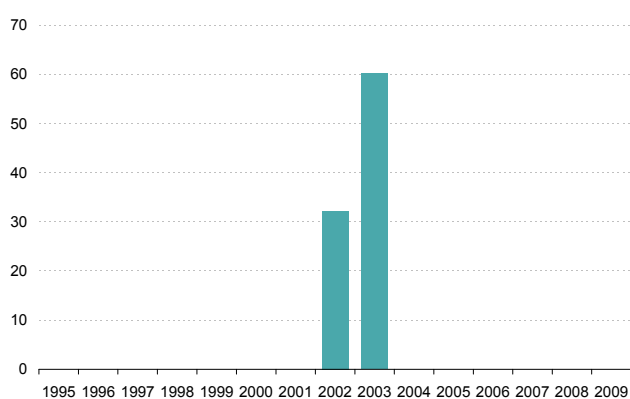
  

Industry	2003 (% of GDP)	2003 (EUR per capita)
EPE	0.03%	5.47

\*Data refer only to mining and quarrying and manufacturing sectors.

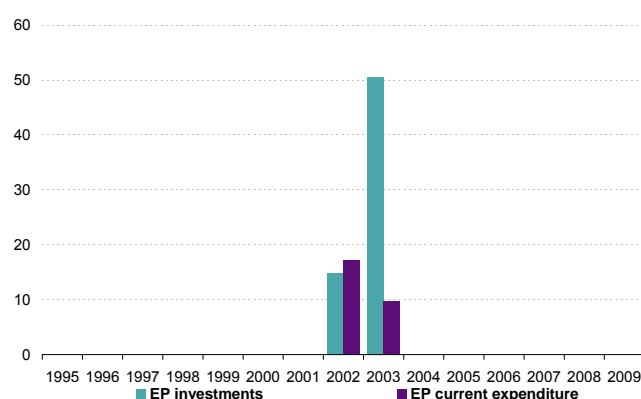
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure GR15 : Industry's EPE, 2002 and 2003  
(EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

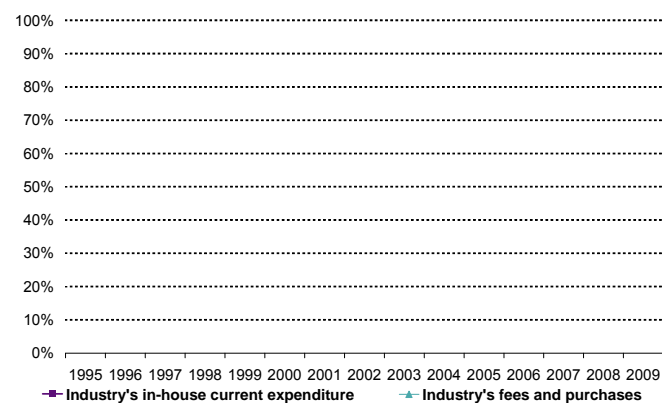
Figure GR16 : Industry's EP investments and current expenditures, 2002 and 2003  
(EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure GR17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases\*

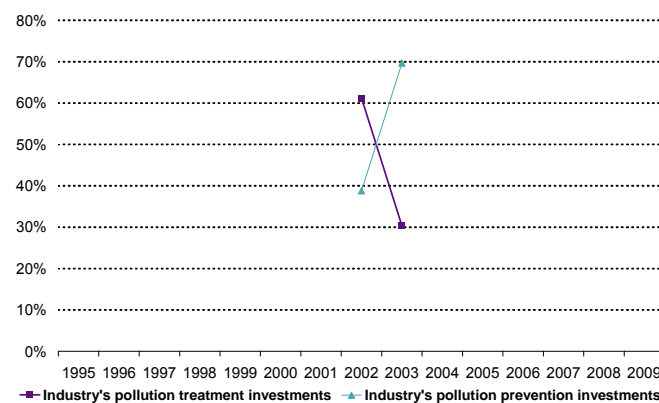
(% of industry's EP current expenditure)



\* No data available.

**Figure GR18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 2002 and 2003

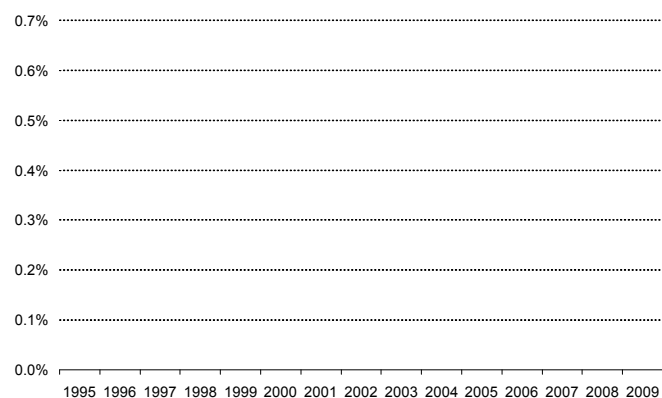
(% of industry's EP investments)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure GR19 :** Industry's EP investments\*

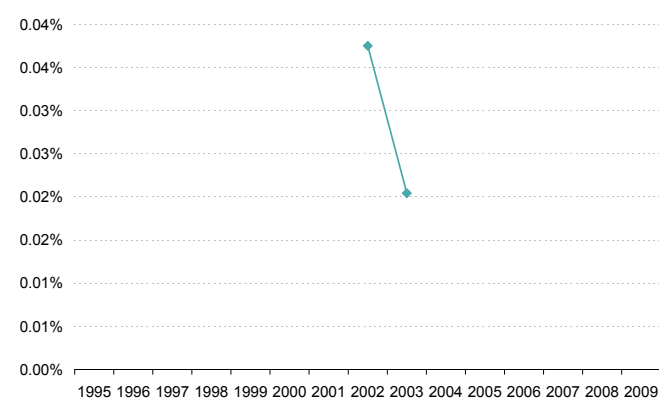
(% of industry's GFCF)



\* No data available.

**Figure GR20 :** Industry's EP current expenditure, 2002 and 2003

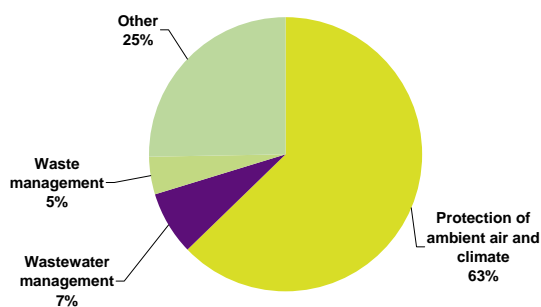
(% of industry's compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure GR21 :** Industry's EPE by environmental domain, 2003

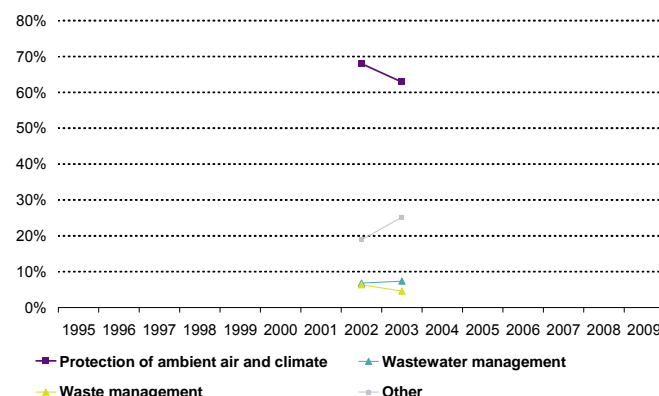
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

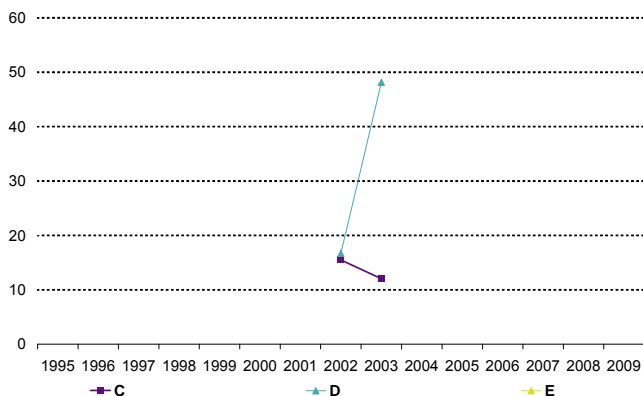
**Figure GR22 :** Industry's EPE by environmental domain, 2002 and 2003

(% of industry's EPE)



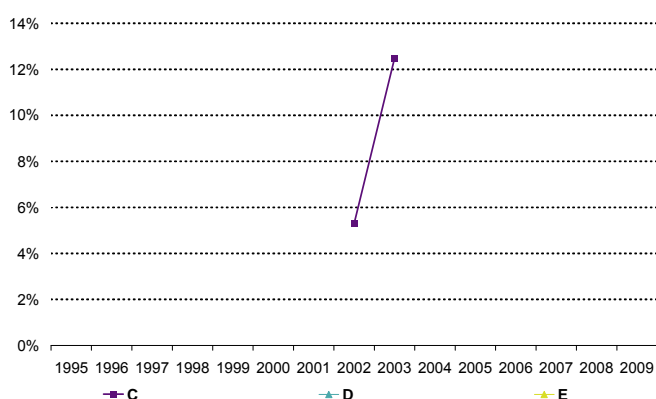
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure GR23 : Industry's EPE by sector, 2002 and 2003**  
(EUR million)



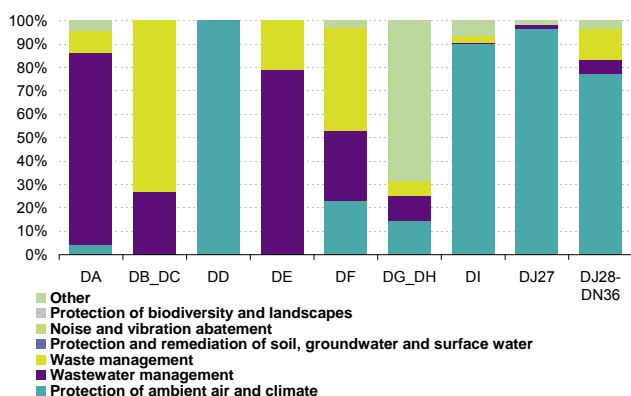
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure GR25 : Industry's investments by sector, 2002 and 2003**  
(% of GFCF)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

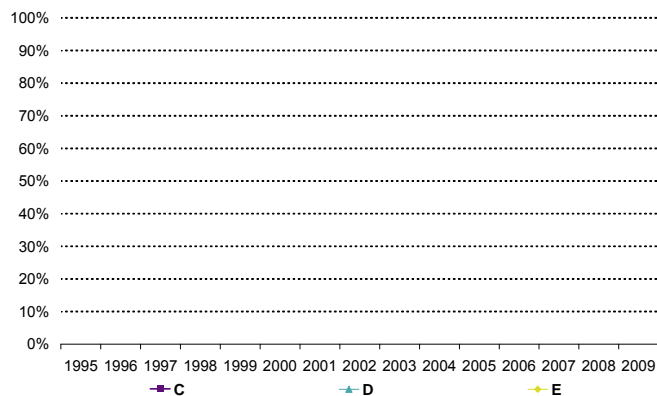
**Figure GR27 : EPE in manufacturing subsectors by environmental domain, 2003**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

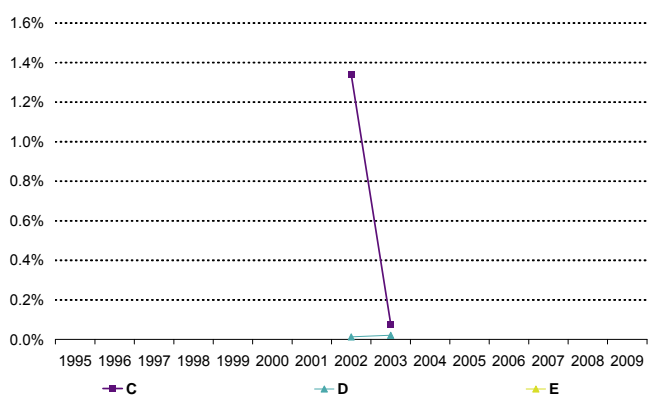
DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products

**Figure GR24 : Industry's EPE by sector\* (% of industry's EPE)**



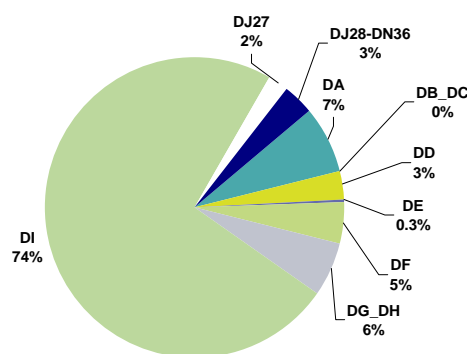
\* No data available.

**Figure GR26 : Industry's current expenditures by sector, 2002 and 2003**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure GR28 : EPE in manufacturing subsectors, 2003**  
(% of total manufacturing's EPE)

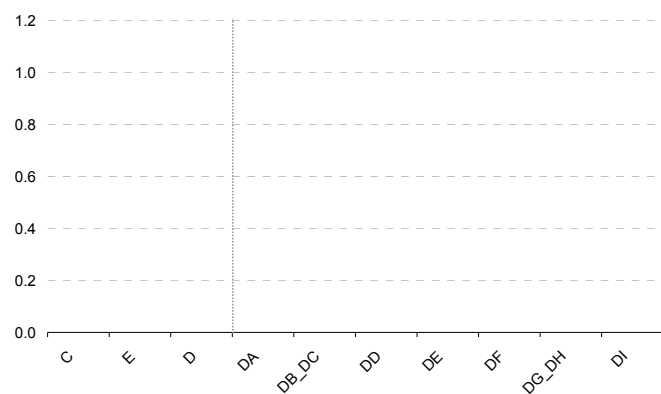


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals

DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel

**Figure GR29** : Industry’s EPE for waste management and industry’s waste generation\* (EUR/tonne)

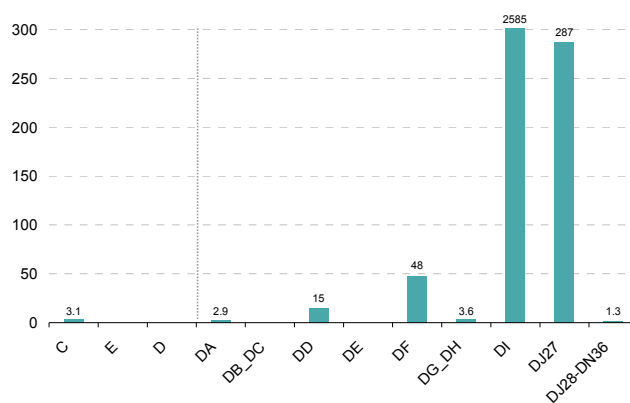


\* No data available.

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing

DJ28\_DN36: metal products, machinery and equipment

**Figure GR30** : Industry’s EPE for air protection and industry’s GHG emissions, 2003 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply

## Spain

## Public sector\*

Table ES1 Environmental protection expenditure in the public sector, 2008

<b>Public sector</b>	<b>2008</b> (EUR million)	
EPE	3 405.00	
Investments	1 551.00	
In-house current expenditure	1 854.00	
Fees and purchases	:	
Total current expenditure	1 854.00	
Receipts from by-products	:	
Subsidies/transfers (given)	:	
Revenues	:	
Expenditure I	:	
Expenditure II	:	

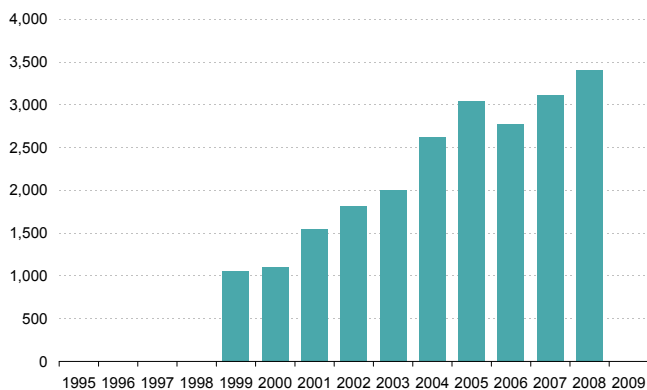
  

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	0.31%	75.19

\* All NACE 90 activities (market and non-market; waste and wastewater) are included in the specialised producers.

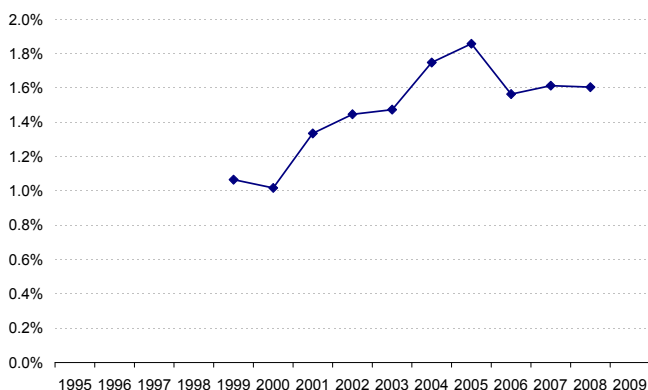
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure ES1 :** Public sector's EPE, 1999-2008 (EUR million)



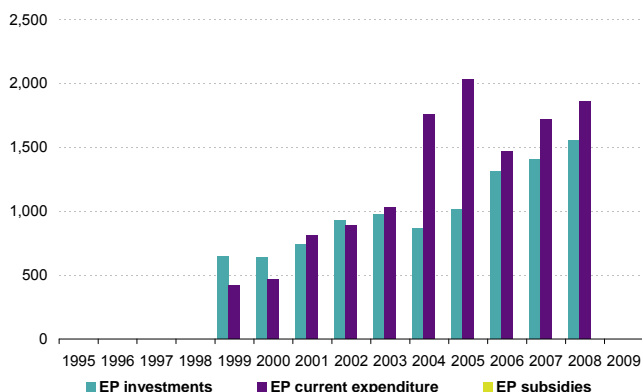
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES2 :** Public sector's EPE, 1999-2008 (% of final consumption expenditure of general government)



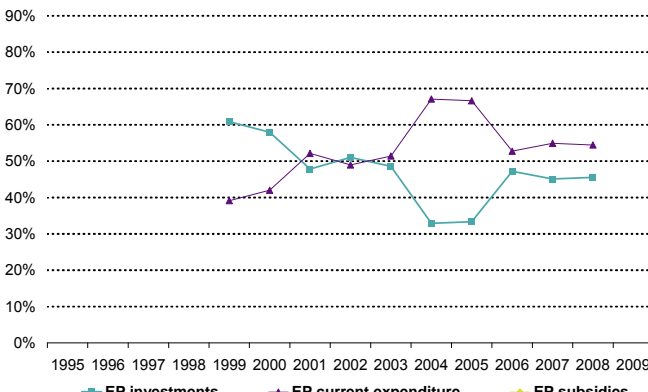
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure ES3 :** Public sector's EP investments, current expenditures and subsidies, 1999-2008 (EUR million)



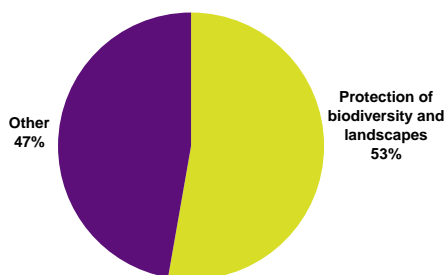
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES4 :** Public sector's EP investments, current expenditures and subsidies, 1999-2008 (% of public sector's EPE)



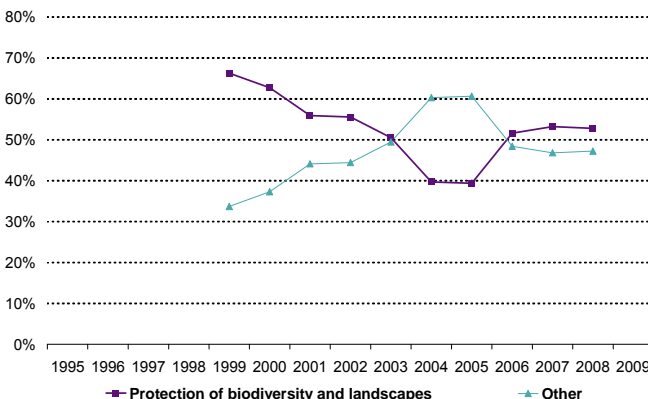
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES5 :** Public sector's EPE by environmental domain, 2008 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure ES6 :** Public sector's EPE by environmental domain, 1999-2008 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Specialised producers

Table ES2 Environmental protection expenditure of the specialised producers, 2008

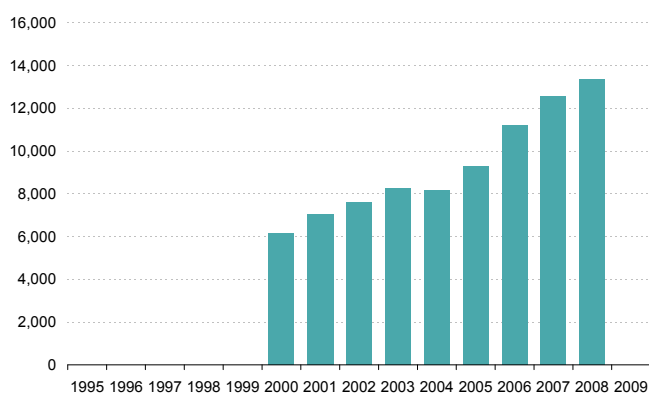
Specialised producers	2008 (EUR million)
EPE	13 347.86
Investments	3 653.14
In-house current expenditure	6 349.87
Fees and purchases	3 344.85
Total current expenditure	9 694.72
Receipts from by-products	129.73
Subsidies/transfers (received)	:
Revenues	8 051.67
Expenditure I	9 873.28
Expenditure II	5 166.46

Specialised producers	2008 (% of GDP)	2008 (EUR per capita)
EPE	1.23%	294.76

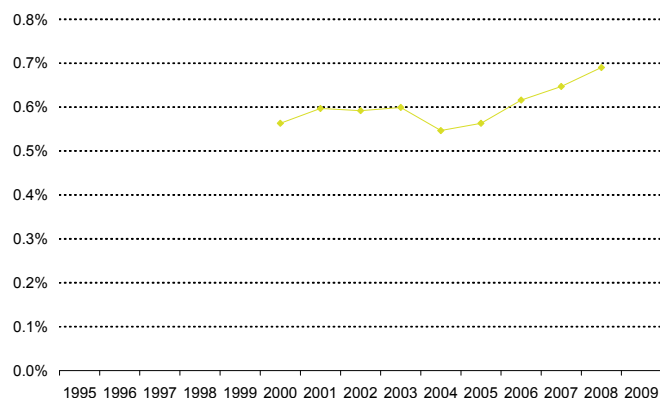
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure ES7 : Specialised producers' EPE, 2000-2008 (EUR million)



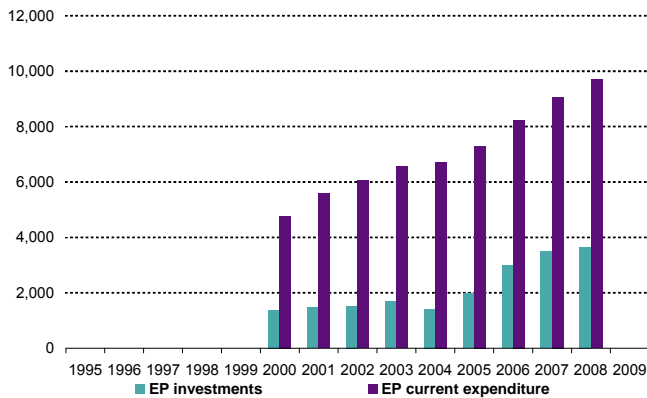
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure ES8 : Specialised producers' EPE, 2000-2008 (% of investments plus compensation of employees and intermediate consumption of business activities)



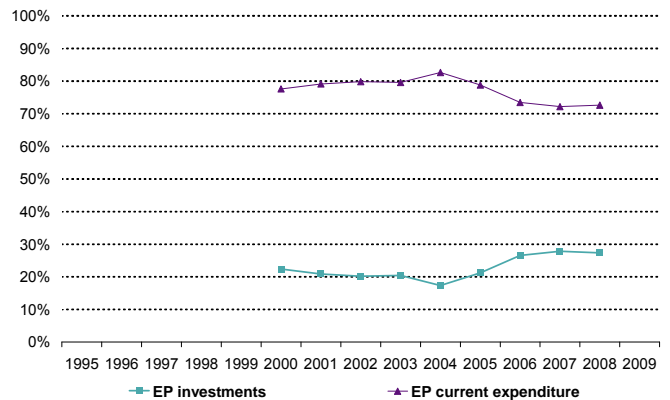
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure ES9:** Specialised producers' EP investments and current expenditures, 2000-2008 (EUR million)



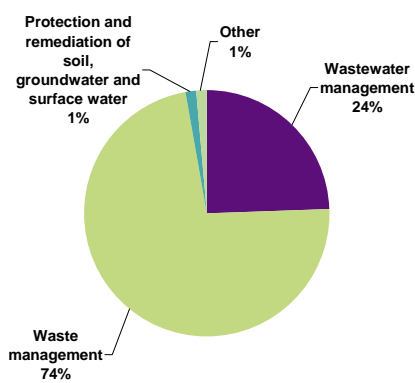
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES10:** Specialised producers' EP investments and current expenditures, 2000-2008 (% of specialised producers' EPE)



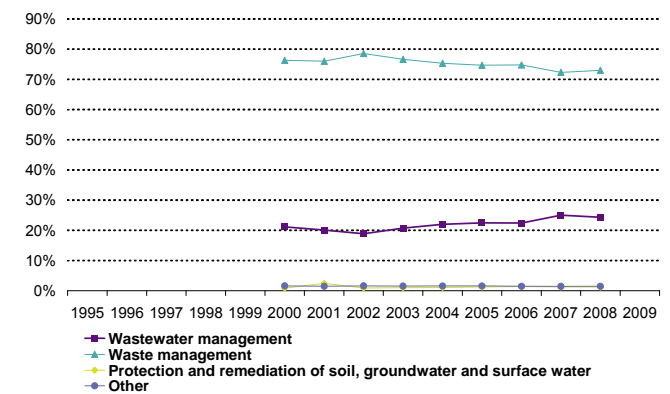
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES11:** Specialised producers' EPE by environmental domain, 2008 (% of specialised producers' EPE)



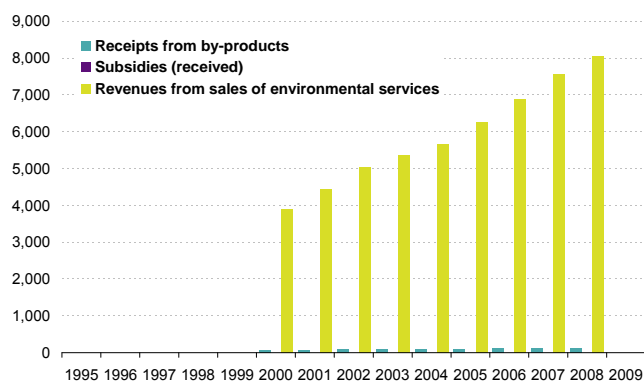
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure ES12:** Specialised producers' EPE by environmental domain, 2000-2008 (% of specialised producers' EPE)



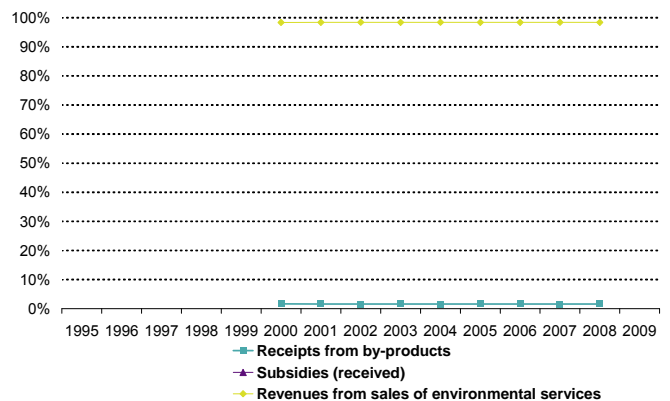
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2000-2008 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2000-2008 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))



## Industry

Table ES3 Environmental protection expenditure by industry, 2008

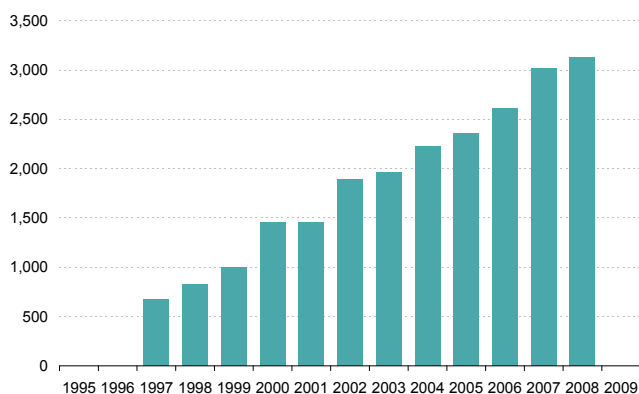
Industry	2008 (EUR million)
EPE	3 129.38
Pollution treatment investments	686.68
Pollution prevention investments	847.11
Investments	1 533.80
In-house current expenditure	767.76
Fees and purchases	827.83
Total current expenditure	1 595.58
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	2 301.55
Expenditure II	3 129.38

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.29%	69.11

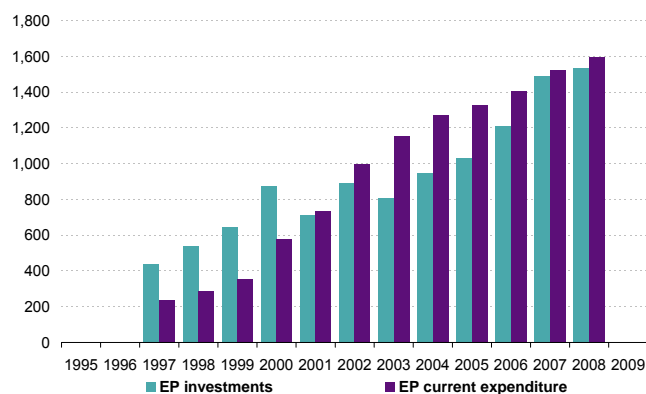
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure ES15 : Industry's EPE, 1997-2008  
(EUR million)



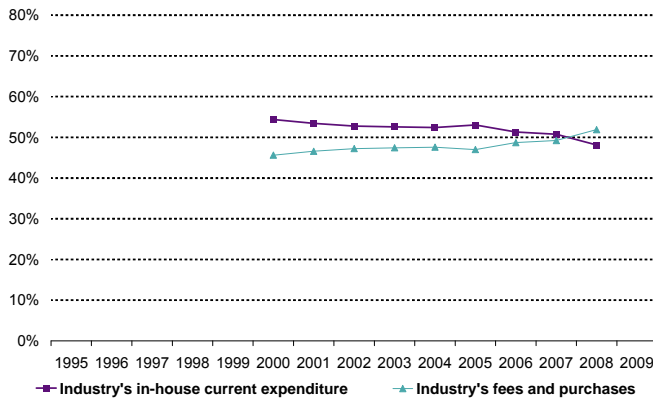
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure ES16 : Industry's EP investments and current expenditures, 1997-2008  
(EUR million)



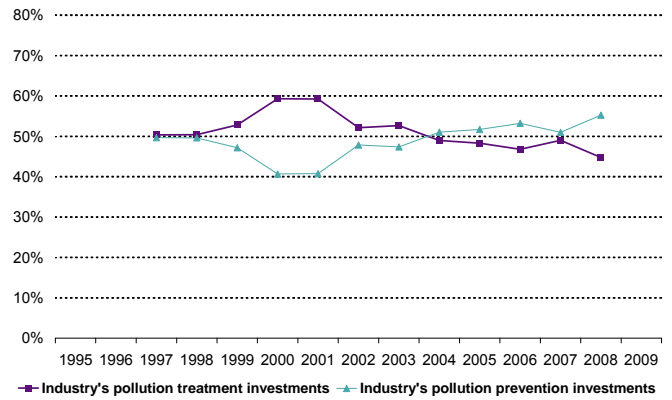
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2000-2008 (% of industry's EP current expenditure)



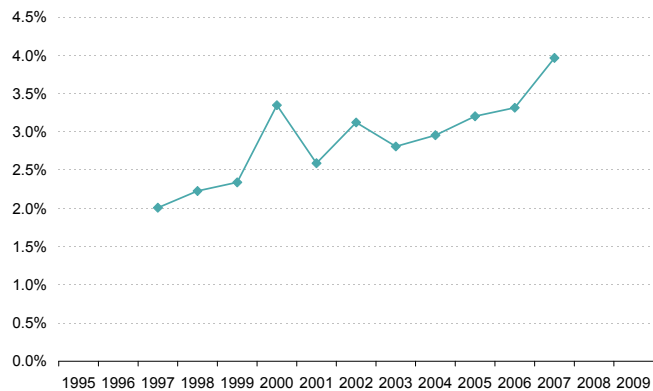
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1997-2008 (% of industry's EP investments)



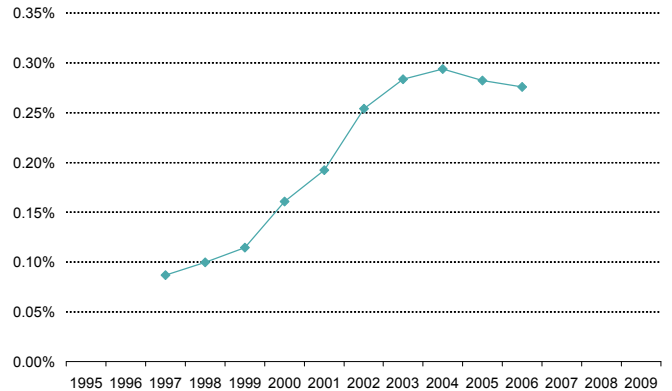
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES19 :** Industry's EP investments, 1997-2007 (% of industry's GFCF)



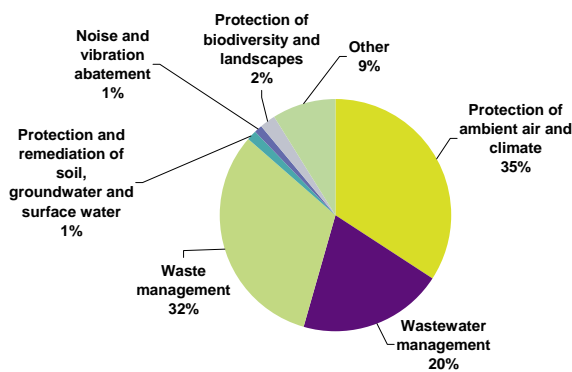
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure ES20 :** Industry's EP current expenditure, 1997-2006 (% of industry's compensation of employees plus intermediate consumption)



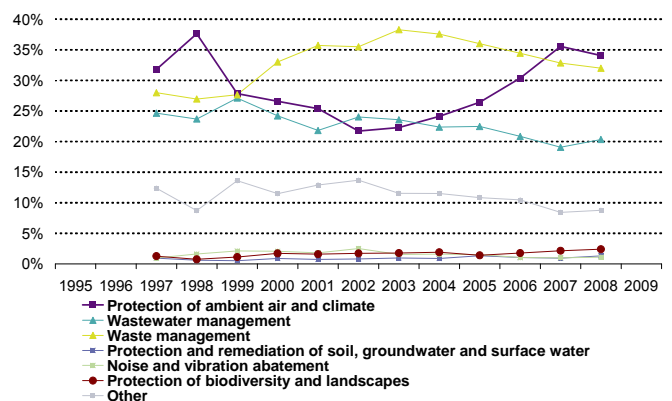
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure ES21 :** Industry's EPE by environmental domain, 2008 (% of industry's EPE)



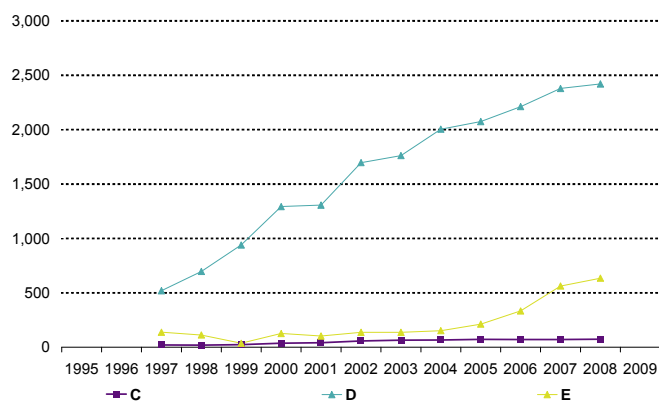
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure ES22 :** Industry's EPE by environmental domain, 1997-2008 (% of industry's EPE)



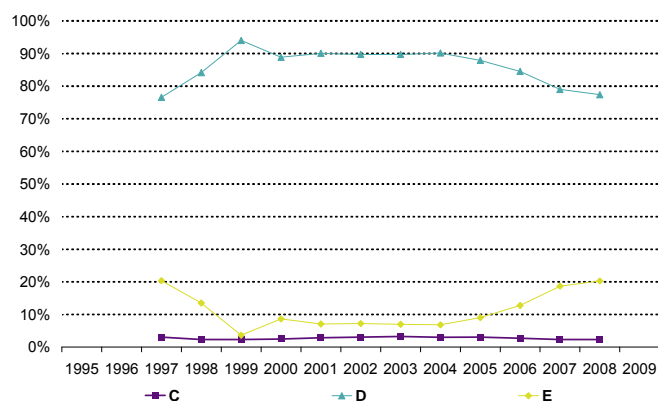
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES23 : Industry's EPE by sector, 1997-2008**  
(EUR million)



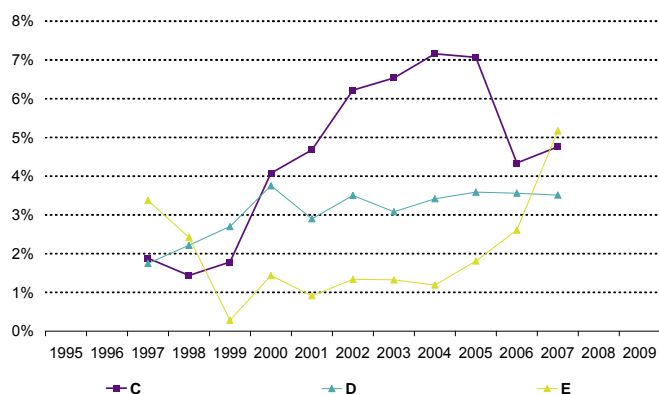
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES24 : Industry's EPE by sector, 1997-2008**  
(% of industry's EPE)



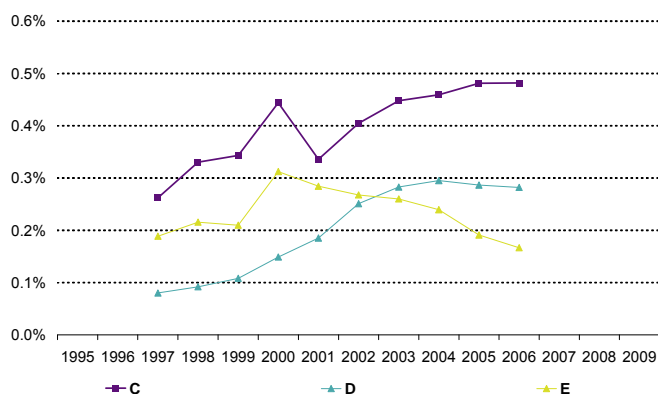
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure ES25 : Industry's investments by sector, 1997-2007**  
(% of GFCF)



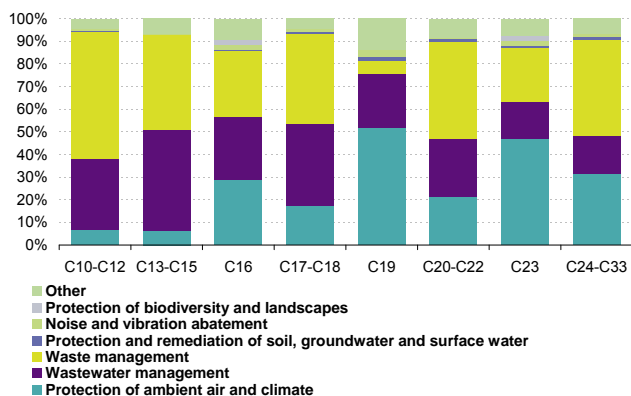
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure ES26 : Industry's current expenditures by sector, 1997-2006**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure ES27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

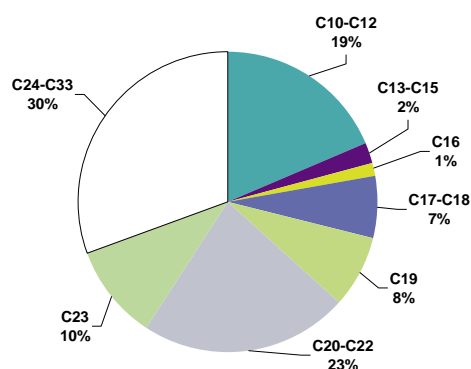
C10-C12: food products, tobacco and beverages

C13-C15: textile and leather products

C16: wood products

C17-C18: pulp, paper products, publishing and printing and

**Figure ES28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

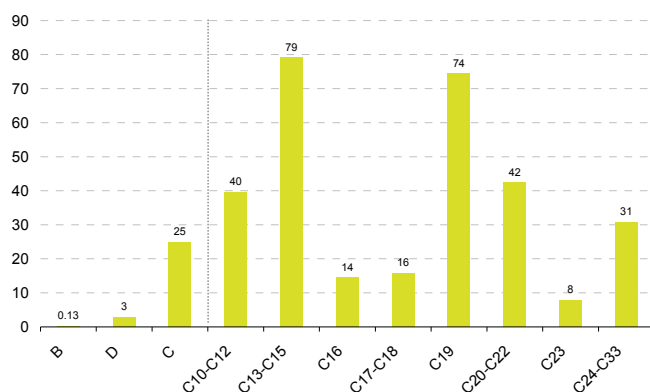
C20-C22: chemical, pharmaceutical, rubber and plastic products

C23: other non-metallic mineral products

C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical

reproduction of recorded media  
C19: coke and refined petroleum products

**Figure ES29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [env\\_wasgen](#))

C10-C12: food products, tobacco and beverages

C13-C15: textile and leather products

C16: wood products

C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media

C19: coke and refined petroleum products

C20-C22: chemical, pharmaceutical, rubber and plastic products

C23: other non-metallic mineral products

C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

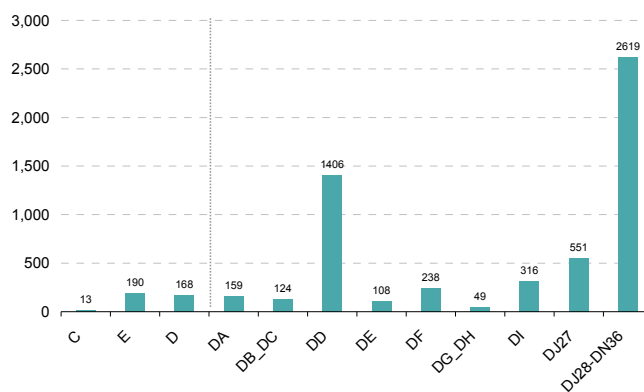
C: Manufacturing

B: Mining and quarrying

D: Electricity and gas

products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure ES30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

C: Mining and quarrying

D: Manufacturing

DA: food products, tobacco and beverages

DB\_DC: textile and leather products

DD: wood products

DE: pulp, paper products, publishing and printing

DF: coke, refined petroleum and nuclear fuel

DG\_DH: chemicals, chemical products, rubber and plastic products

DI: other non metallic products

DJ27: basic metals

DJ28\_DN36: metal products, machinery and equipment

E: Electricity, gas and water supply

## France

## Public sector

Table FR1 Environmental protection expenditure in the public sector, 2008

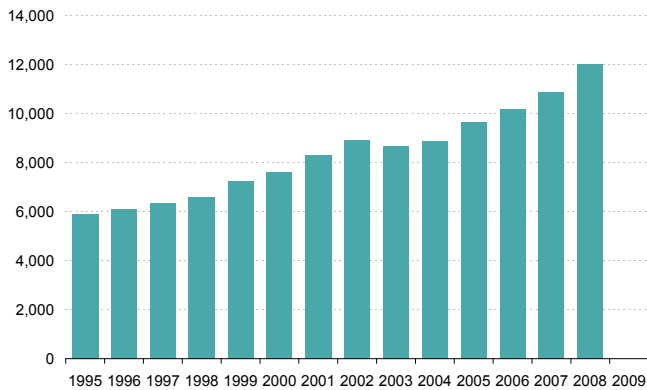
<b>Public sector</b>	<b>2008</b> (EUR million)	
EPE	12 009.40	
Investments	2 717.39	
In-house current expenditure	5 385.08	
Fees and purchases	603.11	
Total current expenditure	5 988.19	
Receipts from by-products	:	
Subsidies/transfers (given)	3 303.82	
Revenues	:	
Expenditure I	8 102.47	
Expenditure II	12 009.40	

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	0.62%	187.63

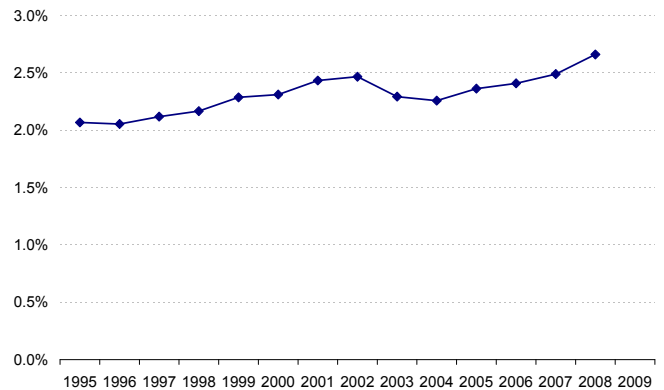
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure FR1 : Public sector's EPE, 1995-2008**  
(EUR million)



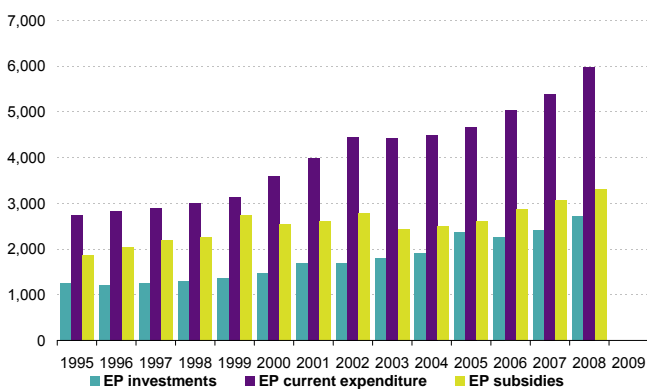
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR2 : Public sector's EPE, 1995-2008**  
(% of final consumption expenditure of general government)



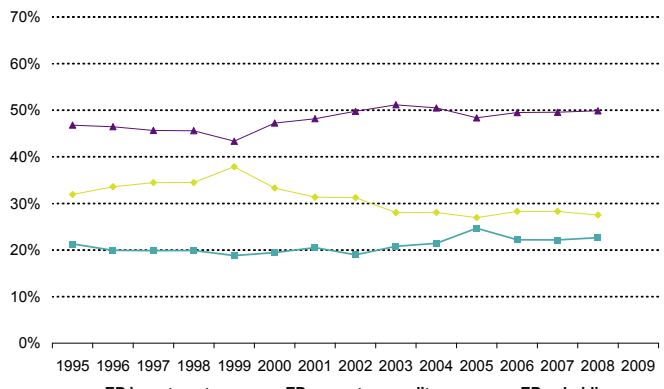
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace33\\_c](#))

**Figure FR3 : Public sector's EP investments, current expenditures and subsidies, 1995-2008**  
(EUR million)



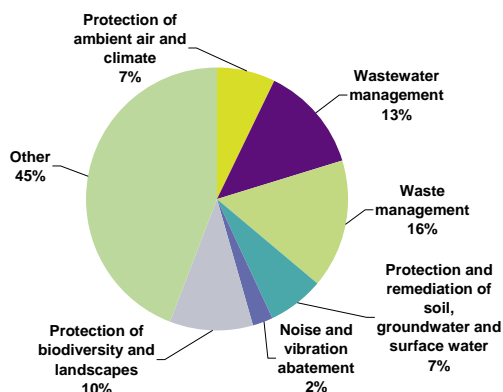
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR4 : Public sector's EP investments, current expenditures and subsidies, 1995-2008**  
(% of public sector's EPE)



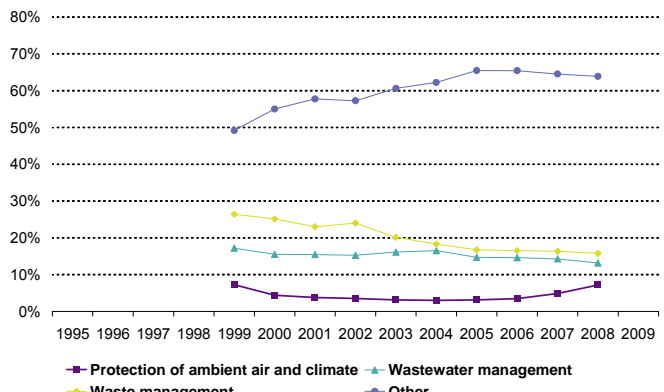
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR5 : Public sector's EPE by environmental domain, 2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR6 : Public sector's EPE by environmental domain, 1999-2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

**Table FR2** Environmental protection expenditure of the specialised producers, 2008

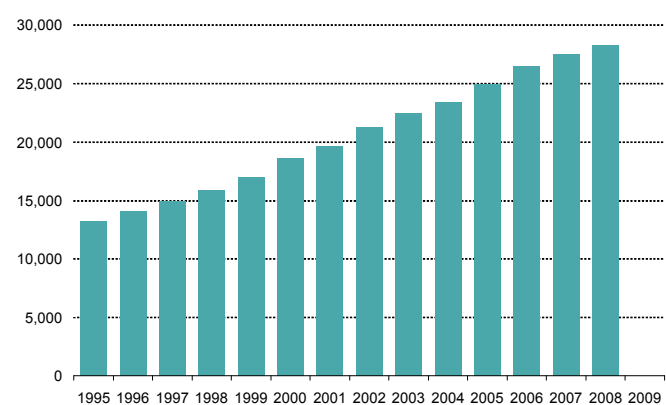
Specialised producers	2008 (EUR million)
EPE	28 249.69
Investments	6 290.24
In-house current expenditure	17 871.63
Fees and purchases	4 087.82
Total current expenditure	21 959.45
Receipts from by-products	:
Subsidies/transfers (received)	1 923.65
Revenues	21 914.61
Expenditure I	24 161.87
Expenditure II	4 411.43

Specialised producers	2008 (% of GDP)	2008 (EUR per capita)
EPE	1.45%	441.37

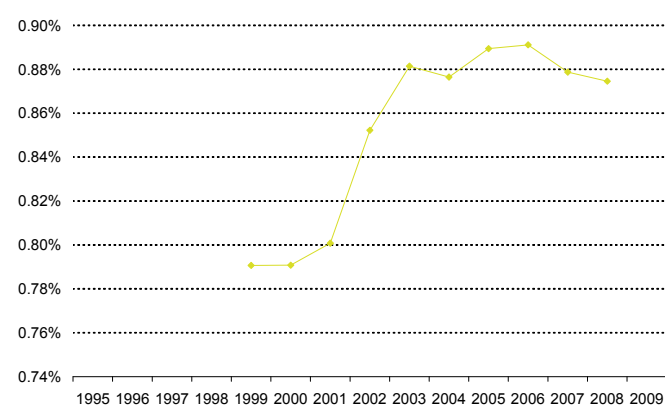
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure FR7** : Specialised producers' EPE, 1995-2008 (EUR million)



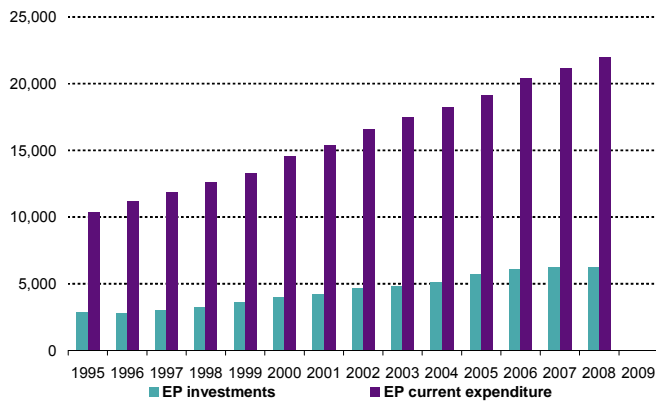
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR8** : Specialised producers' EPE, 1999-2008 (% of investments plus compensation of employees and intermediate consumption of business activities)



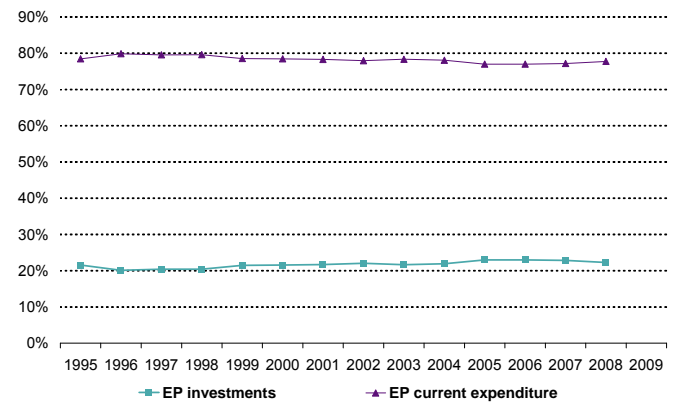
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure FR9:** Specialised producers' EP investments and current expenditures, 1995-2008 (EUR million)



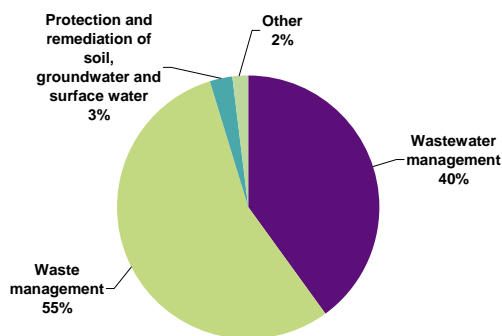
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR10:** Specialised producers' EP investments and current expenditures, 1995-2008 (% of specialised producers' EPE)



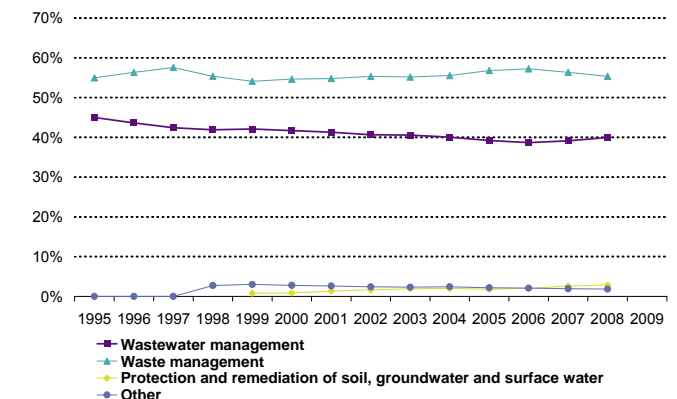
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR11:** Specialised producers' EPE by environmental domain, 2008 (% of specialised producers' EPE)



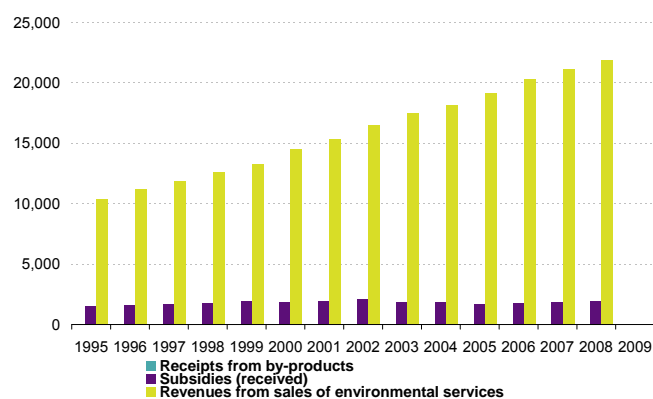
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR12:** Specialised producers' EPE by environmental domain, 1995-2008 (% of specialised producers' EPE)



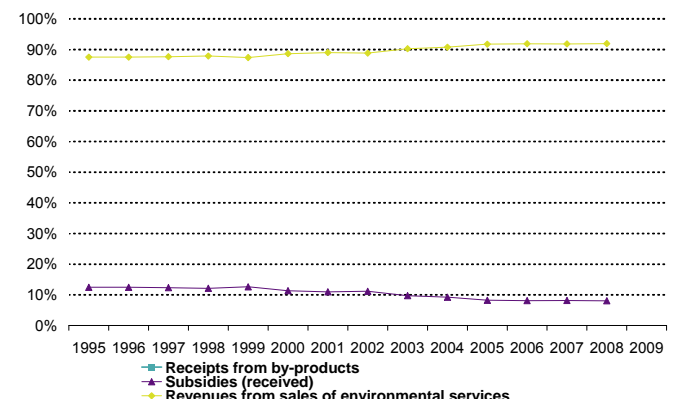
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1995-2008 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1995-2008 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))



## Industry

**Table FR3** Environmental protection expenditure by industry, 2007

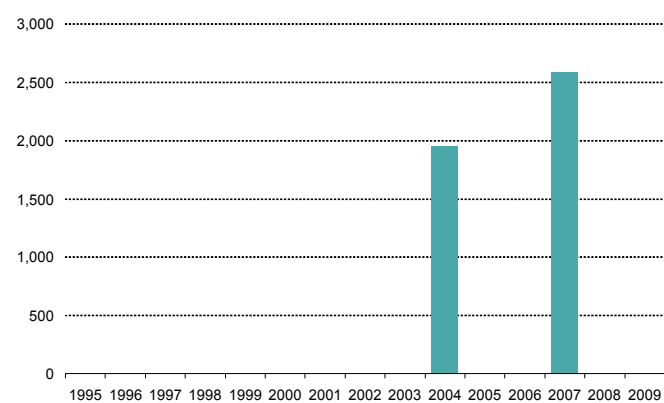
Industry	2007 (EUR million)
EPE	2 581.55
Pollution treatment investments	1 172.42
Pollution prevention investments	268.02
Investments	1 440.44
In-house current expenditure	1 141.12
Fees and purchases	:
Total current expenditure	1 141.12
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	:
Expenditure II	:

Industry	2007 (% of GDP)	2007 (EUR per capita)
EPE	0.14%	40.56

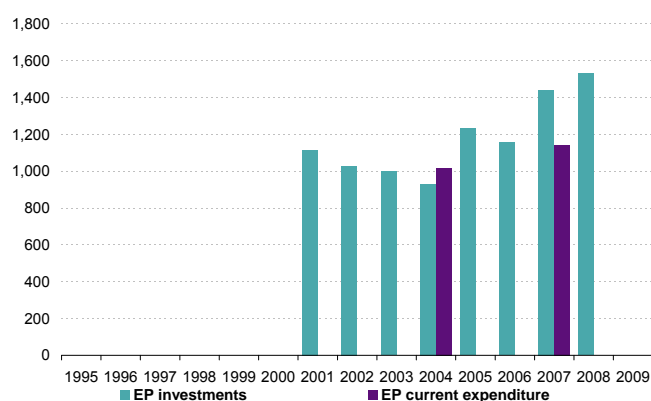
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure FR15** : Industry's EPE, 2004 and 2007  
(EUR million)



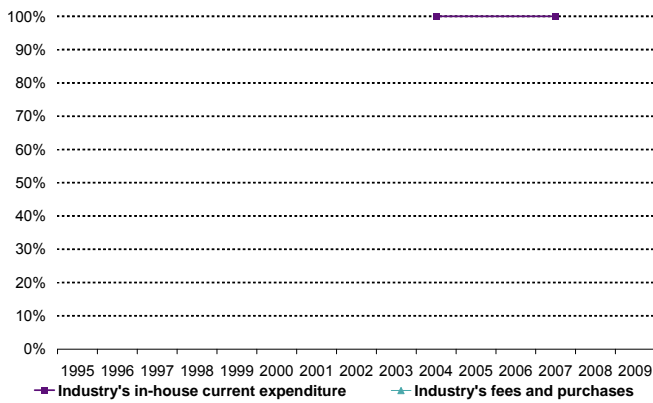
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR16** : Industry's EP investments and current expenditures, 2001-2008  
(EUR million)



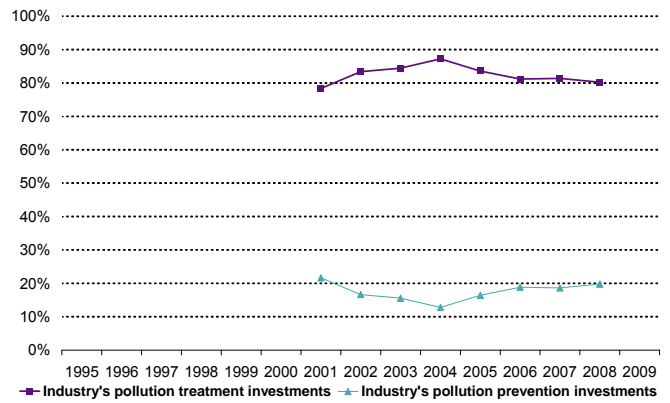
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2004 and 2007  
(% of industry's EP current expenditure)



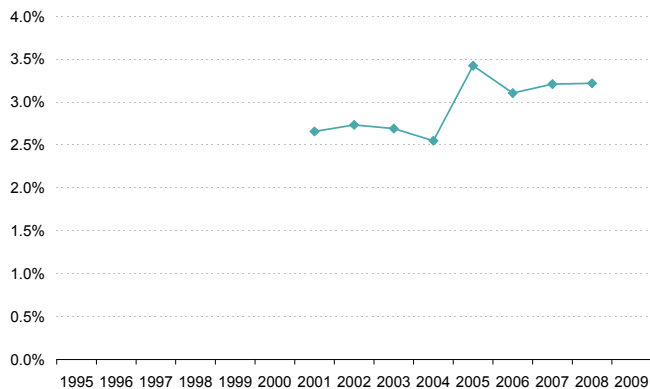
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 2001-2008  
(% of industry's EP investments)



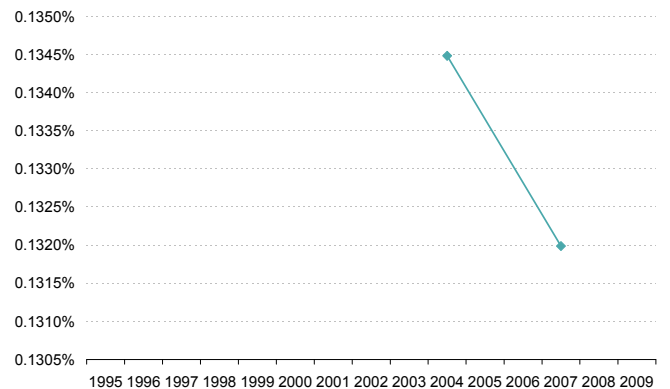
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR19 :** Industry's EP investments, 2001-2008  
(% of industry's GFCF)



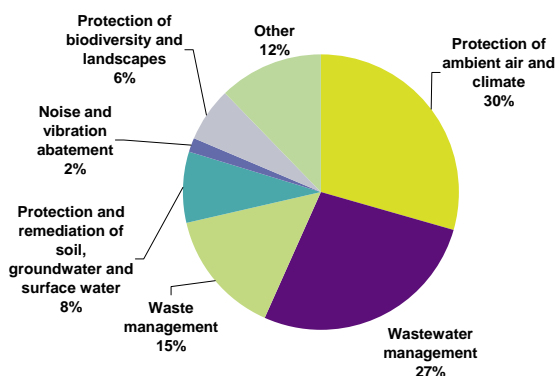
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure FR20 :** Industry's EP current expenditure, 2004 and 2007  
(% of industry's compensation of employees plus intermediate consumption)



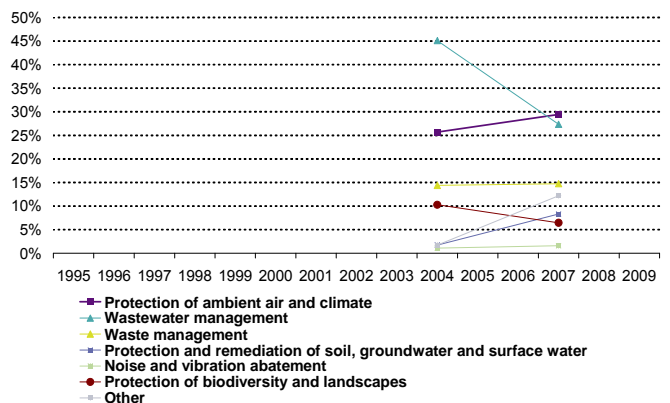
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure FR21 :** Industry's EPE by environmental domain, 2007  
(% of industry's EPE)



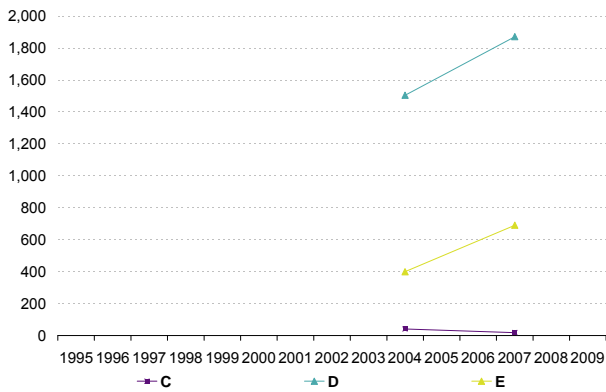
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR22 :** Industry's EPE by environmental domain, 2004 and 2007  
(% of industry's EPE)



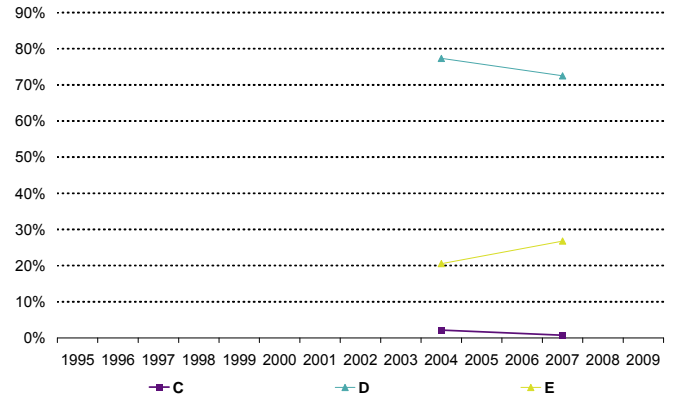
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR23 : Industry's EPE by sector, 2004 and 2007**  
(EUR million)



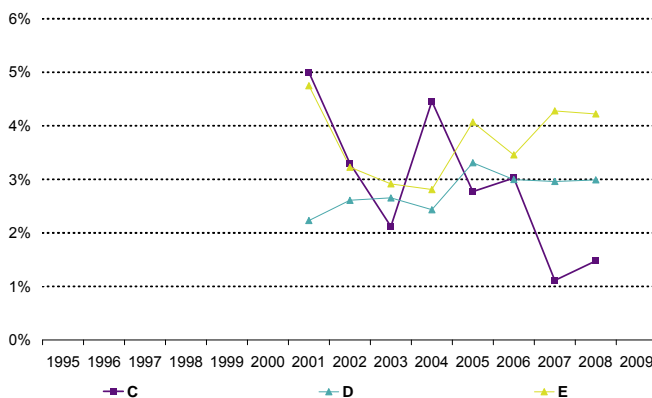
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR24 : Industry's EPE by sector, 2004 and 2007**  
(% of industry's EPE)



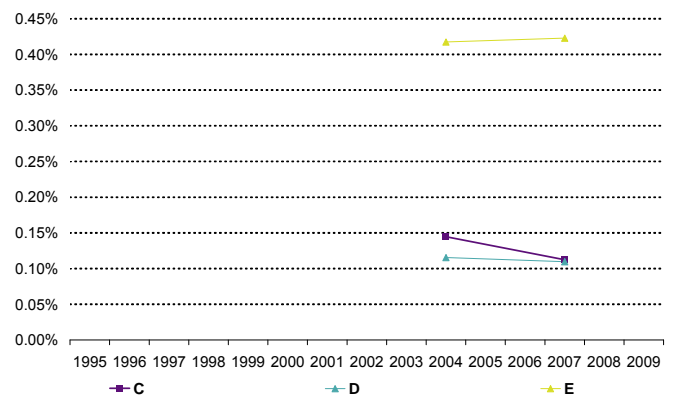
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FR25 : Industry's investments by sector, 2001-2008**  
(% of GFCF)



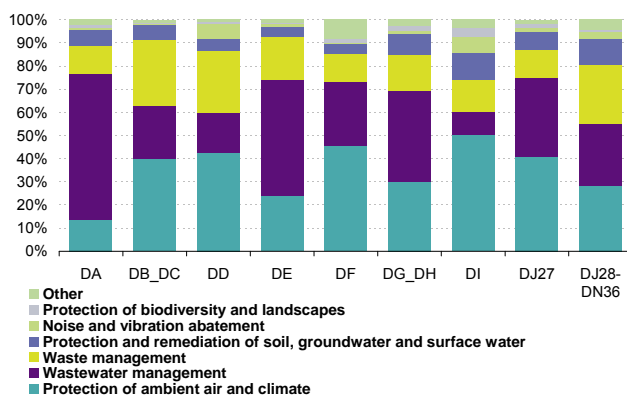
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure FR26 : Industry's current expenditures by sector, 2004 and 2007**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure FR27 : EPE in manufacturing subsectors by environmental domain, 2007**  
(% of manufacturing subsectors' EPE)

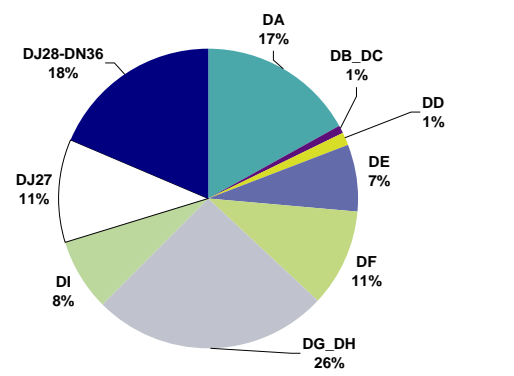


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages

DB\_DC: textile and leather products

**Figure FR28 : EPE in manufacturing subsectors, 2007**  
(% of total manufacturing's EPE)



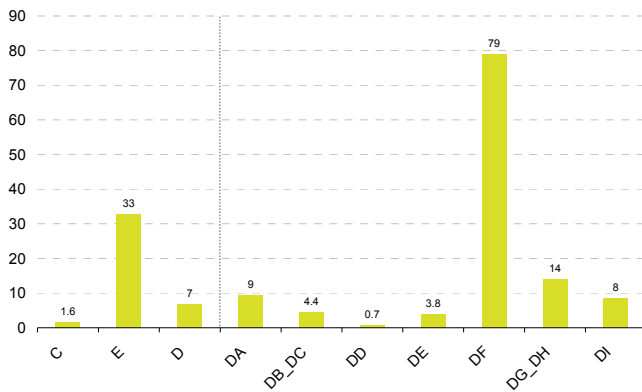
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products

DI: other non metallic products

DD: wood products  
 DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel

**Figure FR29** : Industry's EPE for waste management and industry's waste generation, 2006\* (EUR/tonne)

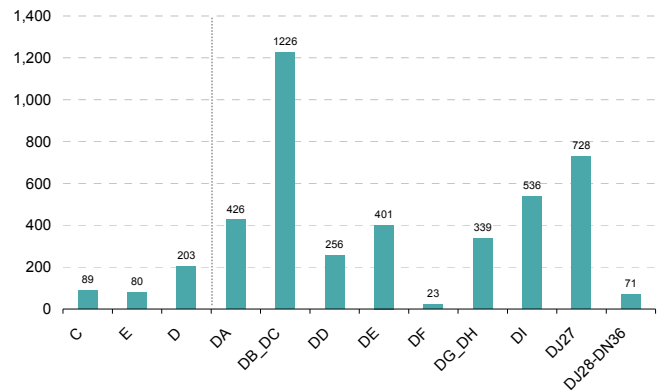


\*EPE for waste management refers to 2007  
 Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing

DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment

**Figure FR30** : Industry's EPE for air protection and industry's GHG emissions, 2006\* (EUR/tonne of CO<sub>2</sub> equivalent)



\*EPE for protection of ambient air refers 2007  
 Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply

## Italy

## Public sector\*

Table IT1 Environmental protection expenditure in the public sector, 2009

<b>Public sector</b>	<b>2009</b> (EUR million)	
EPE	13 601.00	
Investments	3 290.00	
In-house current expenditure	:	
Fees and purchases	:	
Total current expenditure	9 094.00	
Receipts from by-products	:	
Subsidies/transfers (given)	1 217.00	
Revenues	:	
Expenditure I	:	
Expenditure II	:	

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	0.89%	226.51

\* Public specialised producers are included

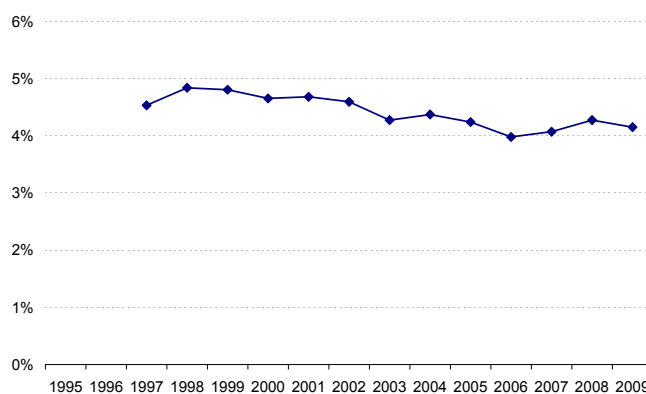
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure IT1** : Public sector's EPE, 1997-2009  
(EUR million)



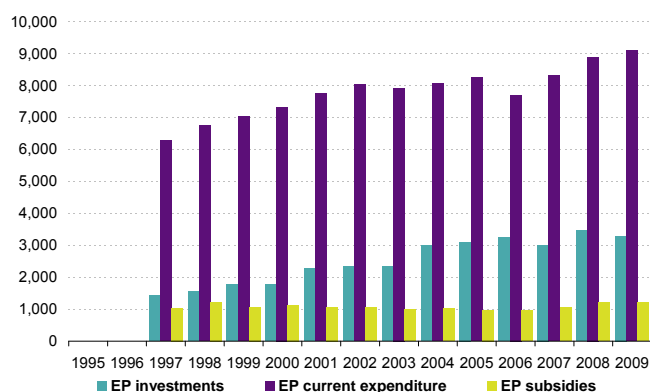
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT2** : Public sector's EPE, 1997-2009  
(% of final consumption expenditure of general government)



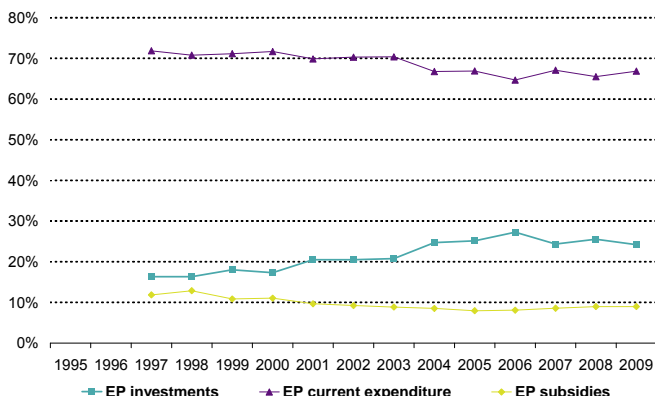
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure IT3** : Public sector's EP investments, current expenditures and subsidies, 1997-2009  
(EUR million)



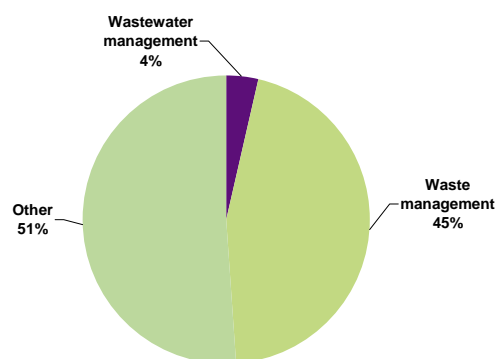
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT4** : Public sector's EP investments, current expenditures and subsidies, 1997-2009  
(% of public sector's EPE)



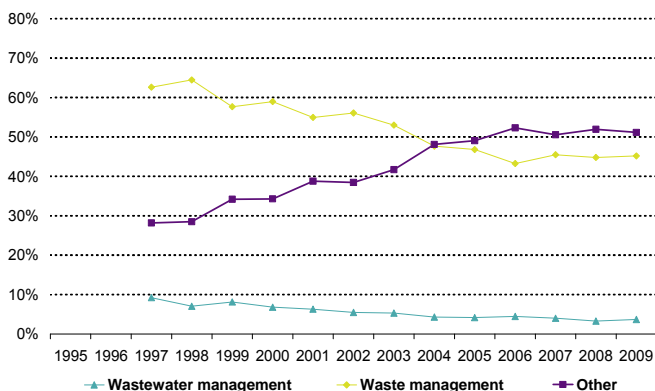
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT5** : Public sector's EPE by environmental domain, 2009  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT6** : Public sector's EPE by environmental domain, 1997-2009  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers\*

Table IT2 Environmental protection expenditure of the specialised producers, 2009

Specialised producers	2009 (EUR million)
EPE	15 308.10
Investments	1 822.54
In-house current expenditure	13 485.56
Fees and purchases	:
Total current expenditure	13 485.56
Receipts from by-products	:
Subsidies/transfers (received)	97.11
Revenues	15 287.21
Expenditure I	:
Expenditure II	:

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	1.01%	254.94

\* Public specialised producers are not included. Only environmental domains wastewater management and waste management are covered.

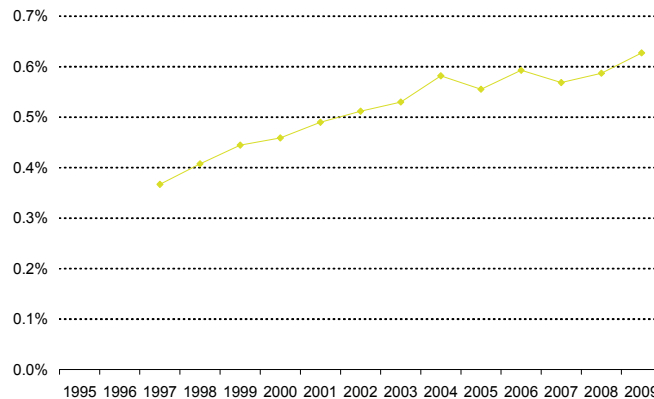
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure IT7 : Specialised producers' EPE, 1997-2009 (EUR million)



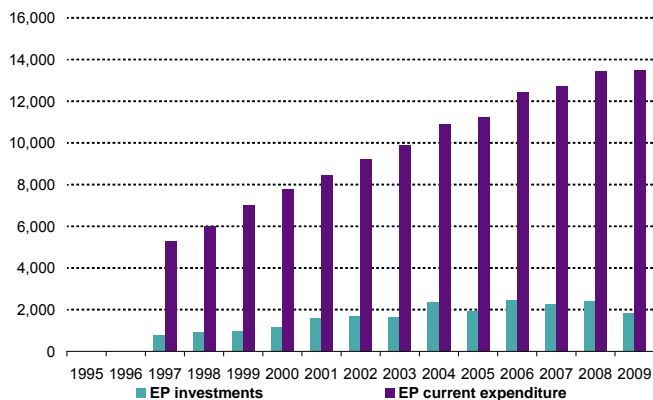
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure IT8 : Specialised producers' EPE, 1997-2009 (% of investments plus compensation of employees and intermediate consumption of business activities)



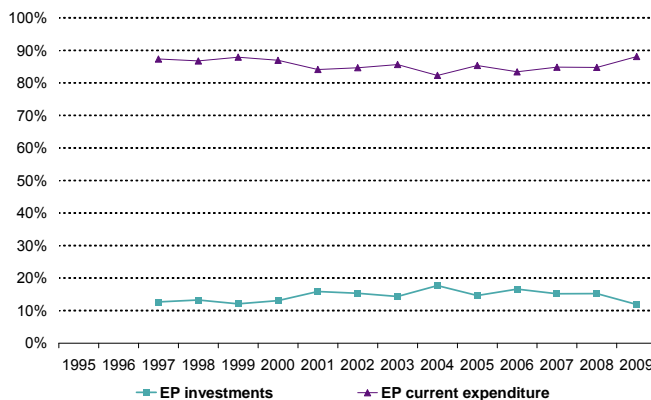
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure IT9:** Specialised producers' EP investments and current expenditures, 1997-2009 (EUR million)



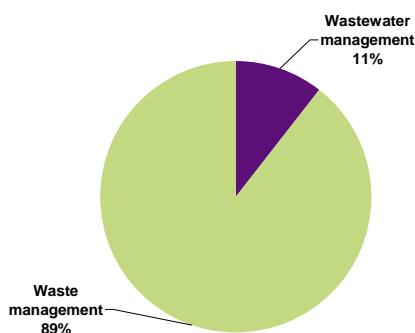
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT10:** Specialised producers' EP investments and current expenditures, 1997-2009 (% of specialised producers' EPE)



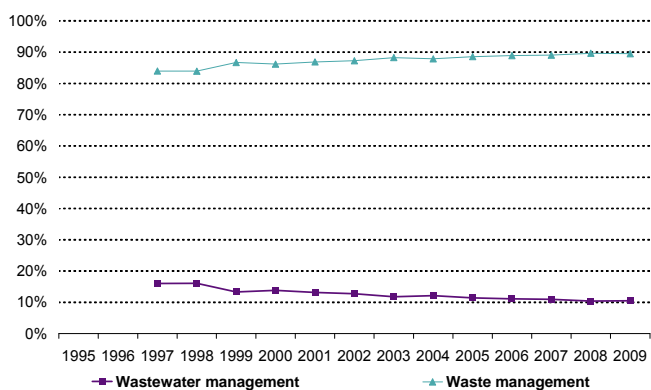
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



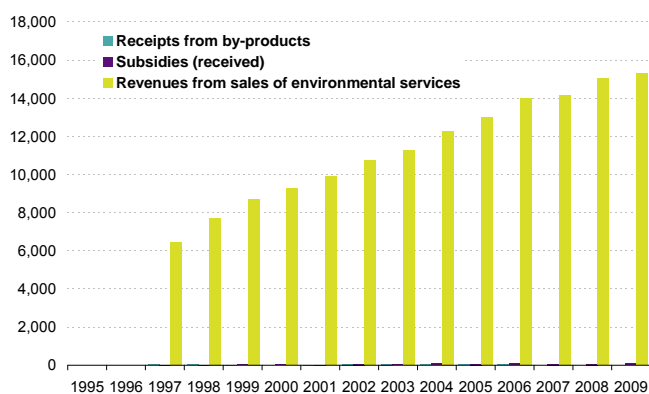
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT12:** Specialised producers' EPE by environmental domain, 1997-2009 (% of specialised producers' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

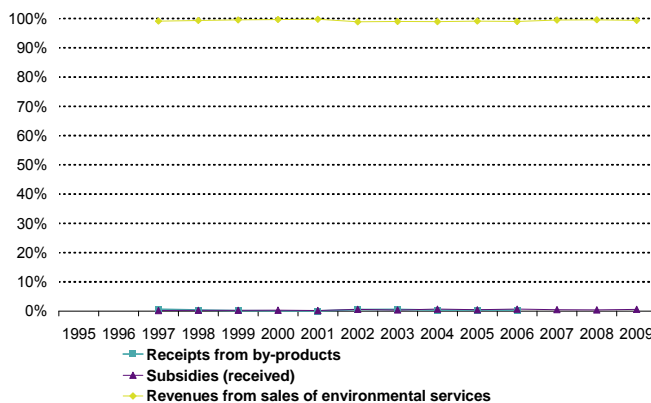
**Figure IT13:** Specialised producers' EP revenues (receipts from by-products\*, revenues from environmental protection services and subsidies received), 1997-2009 (EUR million)



\* Data on 'receipts from-by-products' refer only to the wastewater domain; no data are available for the waste domain.

Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT14:** Specialised producers' EP revenues (receipts from by-products\*, revenues from environmental protection services and subsidies received), 1997-2009 (% of specialised producers' EP revenues)



\* Data on 'receipts from-by-products' refer only to the wastewater domain; no data are available for the waste domain.

Source: Eurostat (online data code: [env\\_ac\\_exp1](#))



## Industry

Table IT3 Environmental protection expenditure by industry, 2007

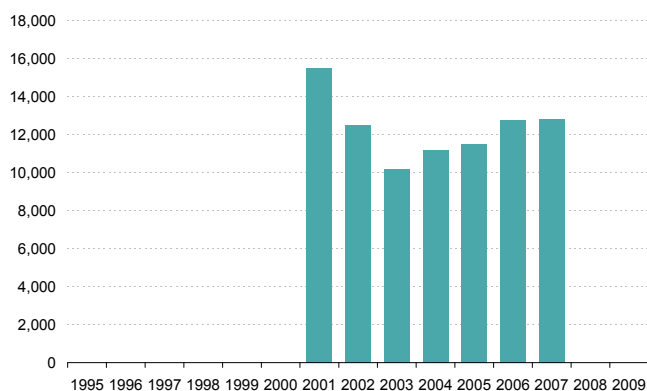
Industry	2007 (EUR million)
EPE	12 806.31
Pollution treatment investment	1 337.33
Pollution prevention investment	500.91
Investments	1 838.24
In-house current expenditure	2 846.04
Fees and purchases	8 122.03
Total current expenditure	10 968.07
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	:
Expenditure II	:

Industry	2007 (% of GDP)	2007 (EUR per capita)
EPE	0.83%	216.57

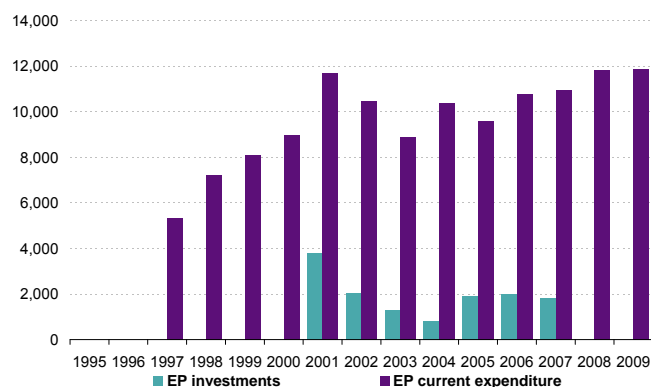
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure IT15 : Industry's EPE, 2001-2007  
(EUR million)



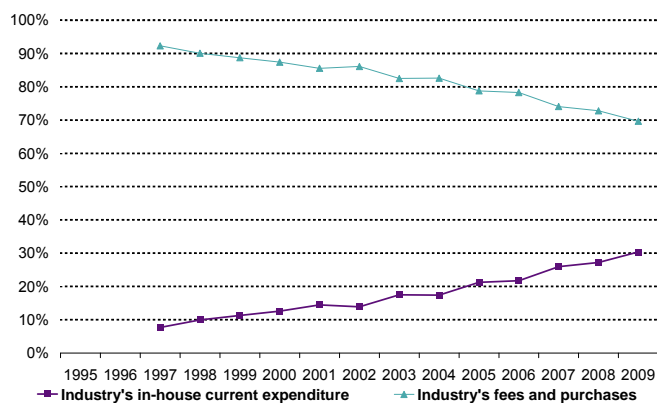
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure IT16 : Industry's EP investments and current expenditures, 1997-2009  
(EUR million)



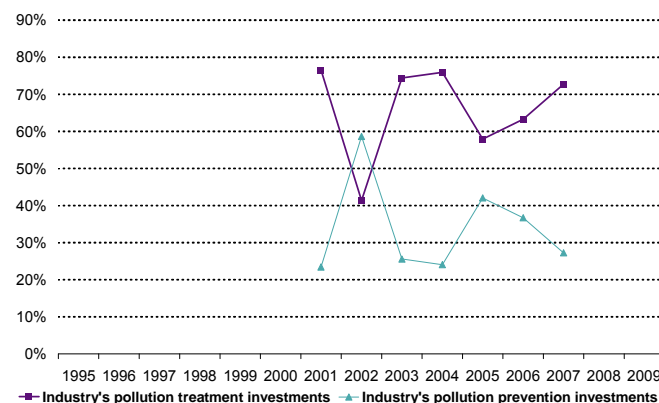
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1997-2009  
(% of industry's EP current expenditure)



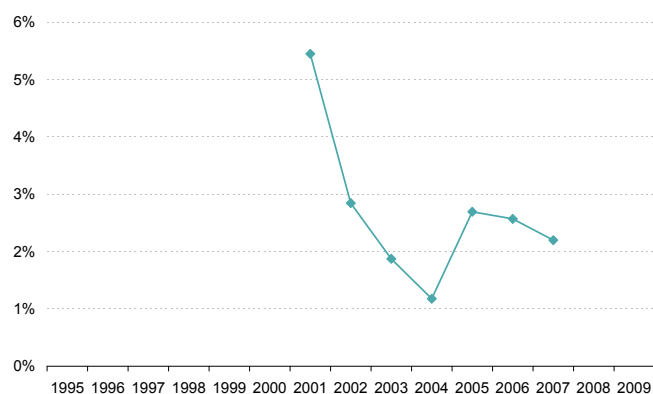
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 2001-2007  
(% of industry's EP investments)



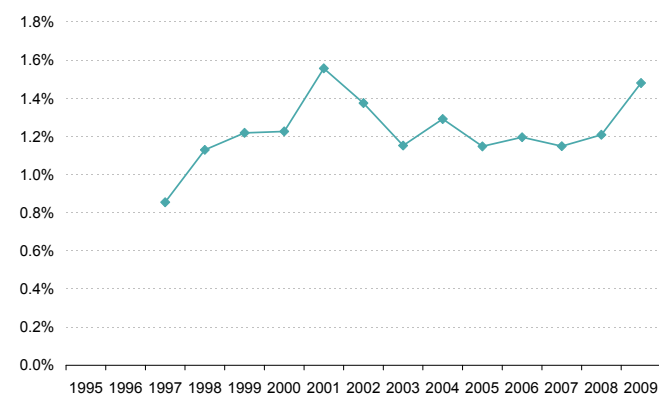
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT19 :** Industry's EP investments, 2001-2007  
(% of industry's GFCF)



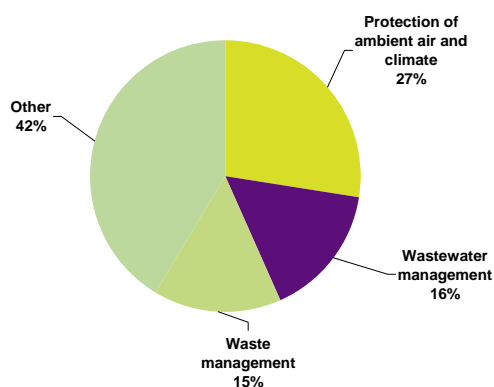
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure IT20 :** Industry's EP current expenditure, 1997-2009  
(% of industry's compensation of employees plus intermediate consumption)



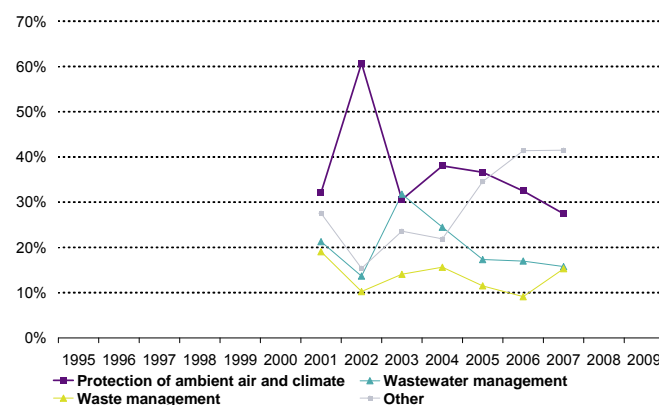
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure IT21 :** Industry's investments by environmental domain, 2007  
(% of industry's EPE)



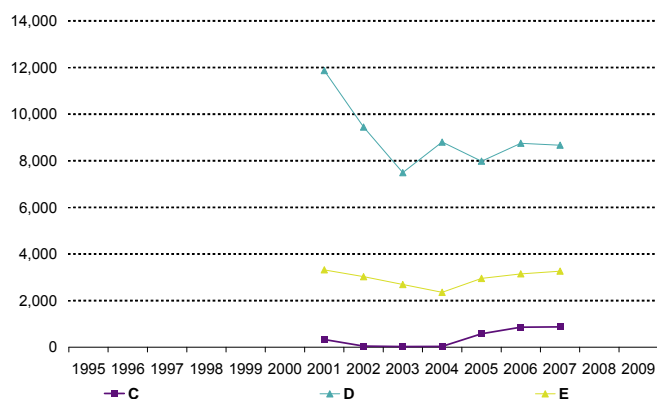
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT22 :** Industry's investments by environmental domain, 2001-2007  
(% of industry's EPE)



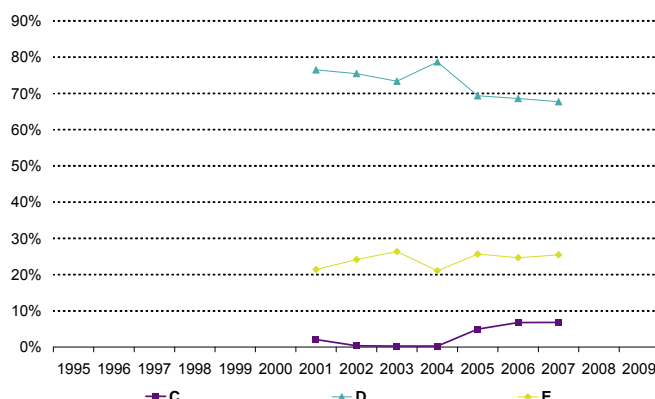
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT23 : Industry's EPE by sector, 2001-2007**  
(EUR million)



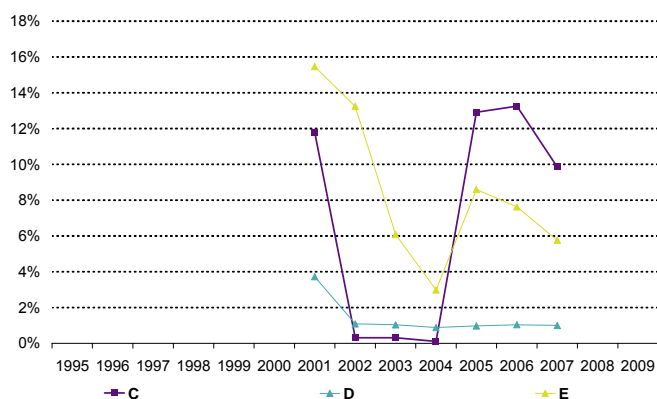
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT24 : Industry's EPE by sector, 2001-2007**  
(% of industry's EPE)



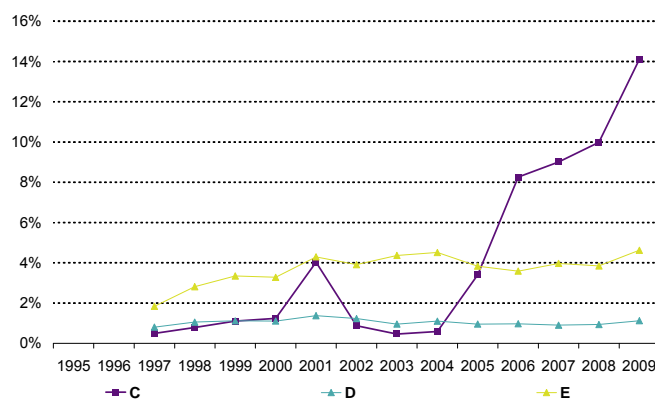
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IT25 : Industry's investments by sector, 2001-2007**  
(% of GFCF)



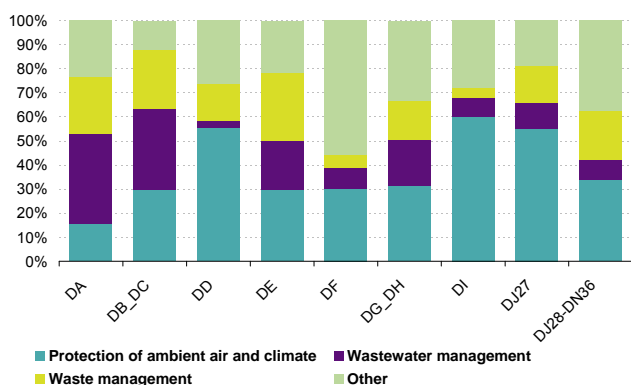
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure IT26 : Industry's current expenditures by sector, 1997-2009**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

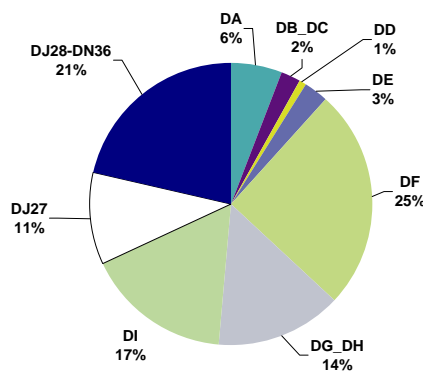
**Figure IT27 : EP pollution treatment investments in manufacturing subsectors by environmental domain, 2009**  
(% of manufacturing subsectors' EP pollution treatment investments)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products

**Figure IT28 : EP pollution treatment investments in manufacturing subsectors, 2009**  
(% of total manufacturing's EP pollution treatment investments)

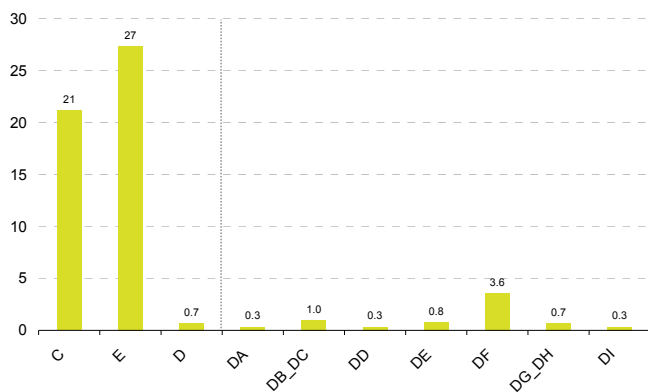


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products

DD: wood products  
 DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel

**Figure IT29** : Industry's EP pollution treatment investments for waste management and industry's waste generation, 2008 (EUR/tonne)

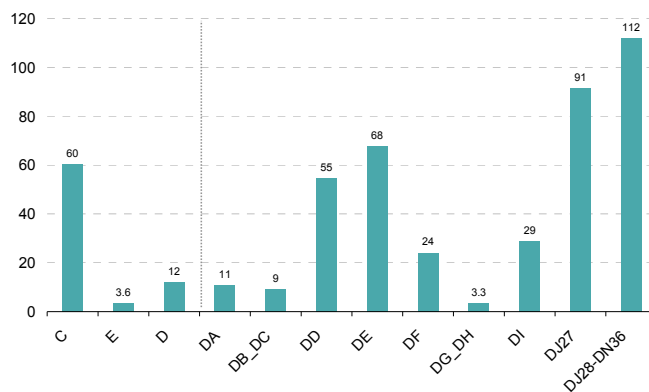


Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing

DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment

**Figure IT30** : Industry's EP pollution treatment investments for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply

## Cyprus

## Public sector

Table CY1 Environmental protection expenditure in the public sector, 2004

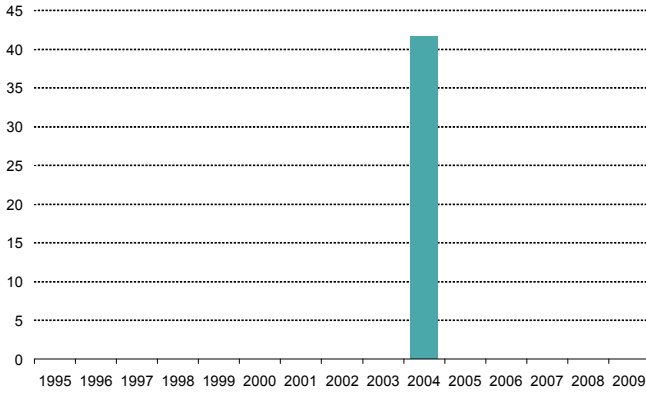
<b>Public sector</b>	<b>2004</b> (EUR million)	
EPE	41.57	
Investments	5.77	
In-house current expenditure	29.00	
Fees and purchases	4.71	
Total current expenditure	33.71	
Receipts from by-products	1.35	
Subsidies/transfers (given)	2.10	
Revenues	5.16	
Expenditure I	33.42	
Expenditure II	35.07	

<b>Public sector</b>	<b>2004</b>	
	(% of GDP)	(EUR per capita)
EPE	0.33%	56.92

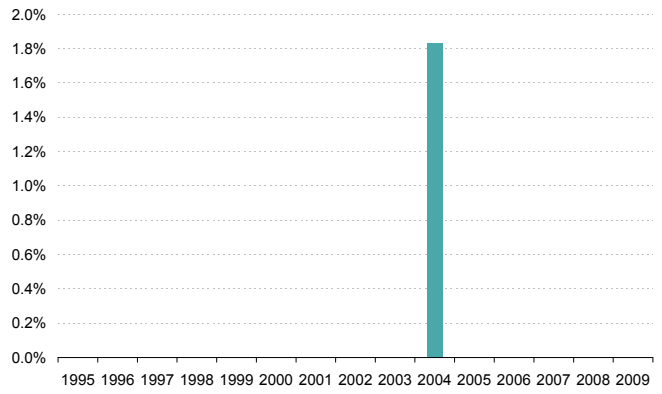
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure CY1 : Public sector's EPE, 2004**  
(EUR million)



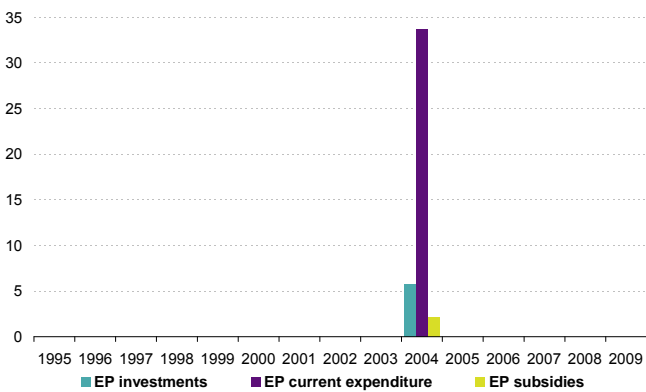
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CY2 : Public sector's EPE, 2004**  
(% of final consumption expenditure of general government)



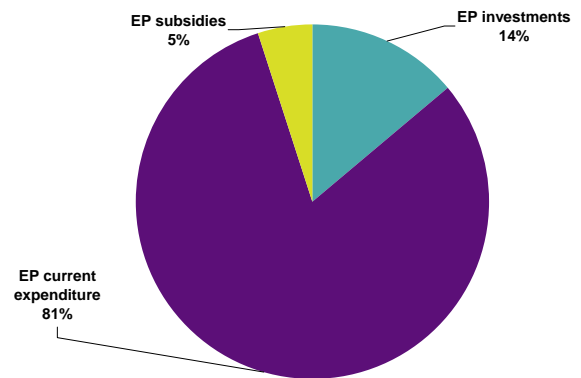
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure CY3 : Public sector's EP investments, current expenditures and subsidies, 2004**  
(EUR million)



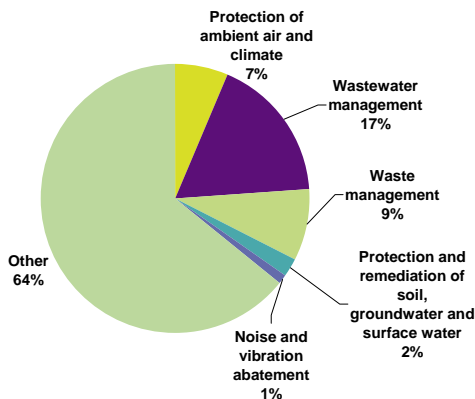
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CY4 : Public sector's EP investments, current expenditures and subsidies, 2004**  
(% of public sector's EPE)



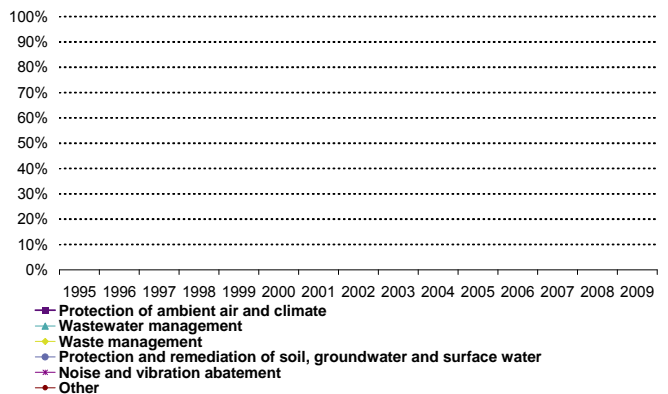
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CY5 : Public sector's EPE by environmental domain, 2004**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CY6 : Public sector's EPE by environmental domain\***  
(% of public sector's EPE)



\* Data available only for 2004.

## Specialised producers

Table CY2 Environmental protection expenditure of the specialised producers, 2008

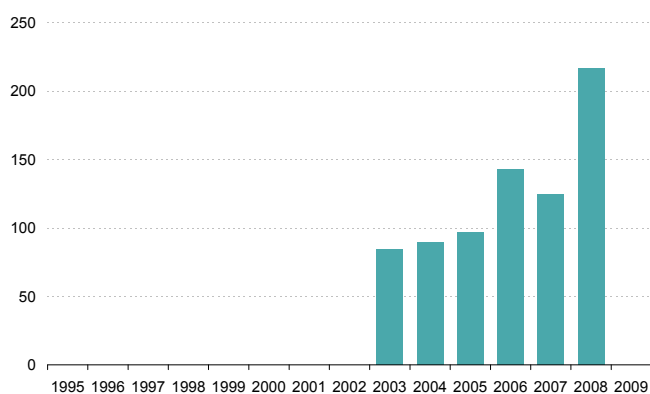
Specialised producers	2008 (EUR million)
EPE	216.36
Investments	95.07
In-house current expenditure	100.77
Fees and purchases	20.52
Total current expenditure	121.29
Receipts from by-products	1.27
Subsidies/transfers (received)	1.03
Revenues	165.36
Expenditure I	194.56
Expenditure II	48.69

Specialised producers	2008 (% of GDP)	2008 (EUR per capita)
EPE	1.25%	274.12

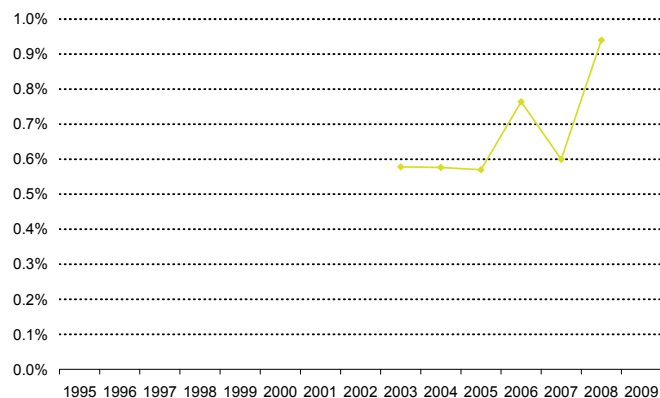
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure CY7 : Specialised producers' EPE, 2003-2008 (EUR million)



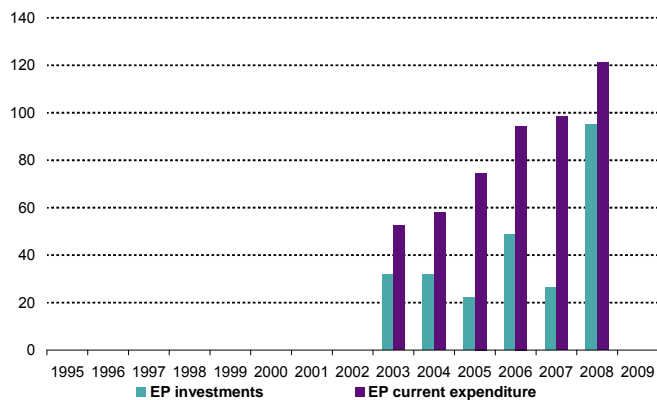
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure CY8 : Specialised producers' EPE, 2003-2008 (% of investments plus compensation of employees and intermediate consumption of business activities)



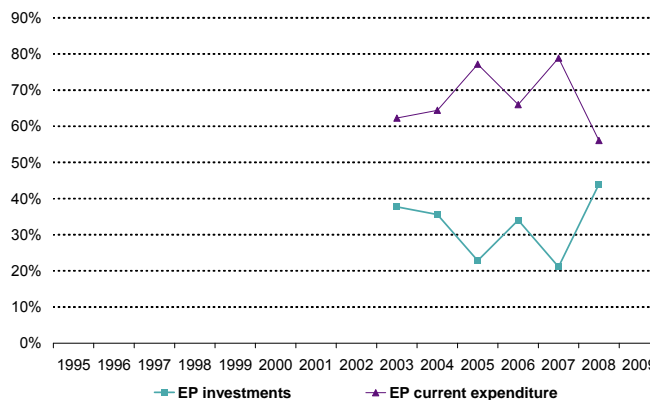
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure CY9:** Specialised producers' EP investments and current expenditures, 2003-2008 (EUR million)



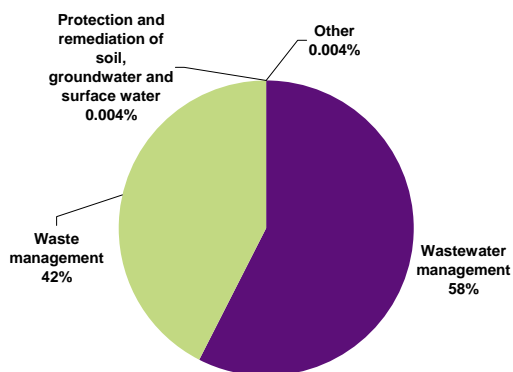
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY10:** Specialised producers' EP investments and current expenditures, 2003-2008 (% of specialised producers' EPE)



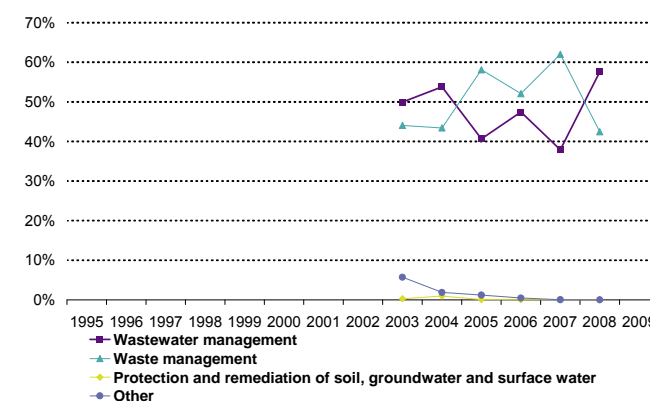
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY11:** Specialised producers' EPE by environmental domain, 2008 (% of specialised producers' EPE)



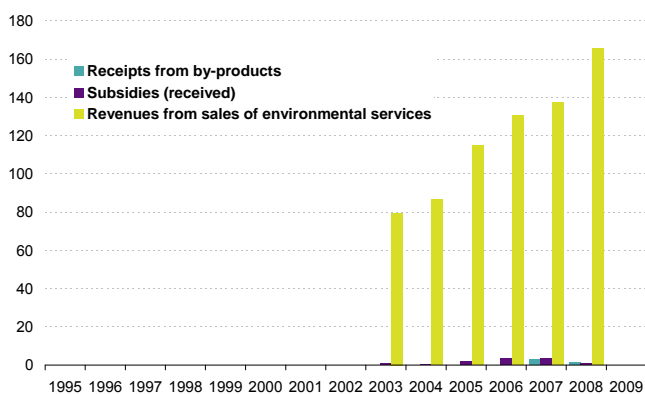
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure CY12:** Specialised producers' EPE by environmental domain, 2003-2008 (% of specialised producers' EPE)



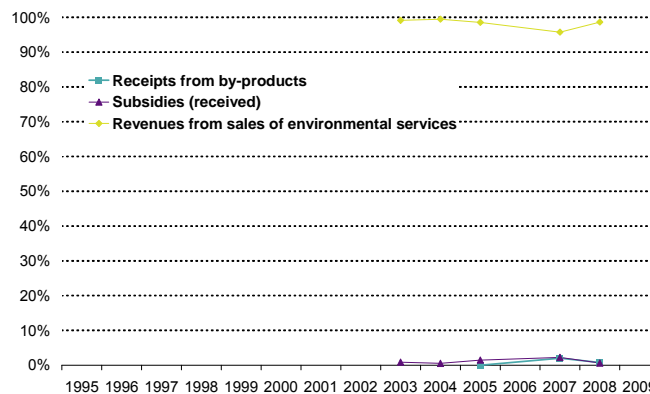
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2003-2008 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2003-2008 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))



## Industry

Table CY3 Environmental protection expenditure by industry, 2008

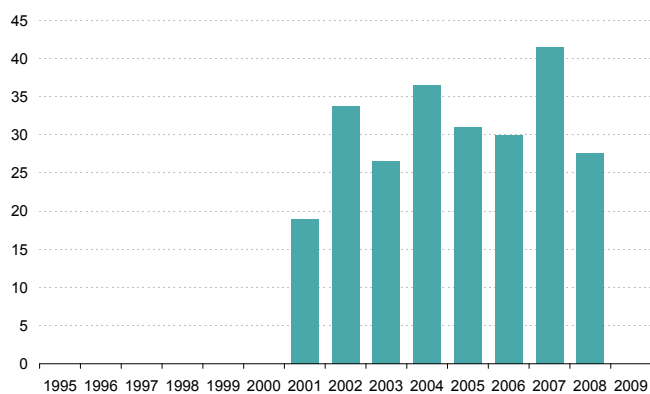
Industry	2008 (EUR million)
EPE	27.54
Pollution treatment investments	3.91
Pollution prevention investments	0.07
Investments	3.97
In-house current expenditure	14.23
Fees and purchases	9.33
Total current expenditure	23.56
Receipts from by-products	3.91
Subsidies/transfers (received)	0.00
Expenditure I	14.30
Expenditure II	23.63

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.16%	34.89

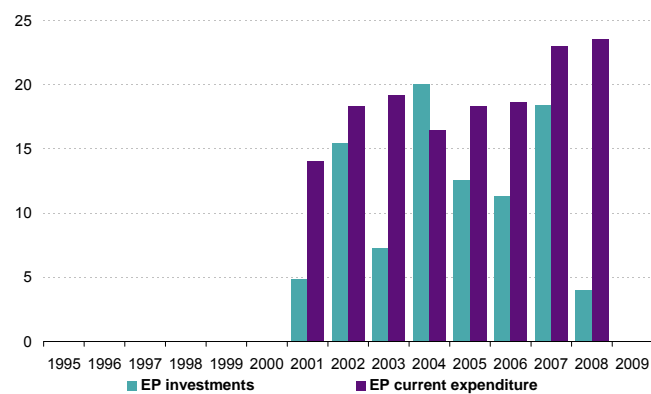
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure CY15 : Industry's EPE, 2001-2008  
(EUR million)



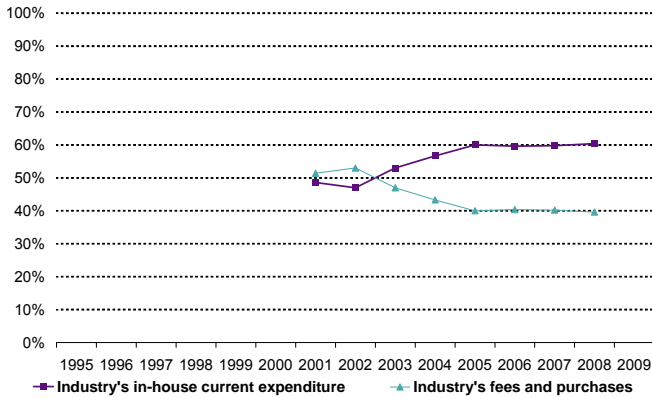
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure CY16 : Industry's EP investments and current expenditures, 2001-2008  
(EUR million)



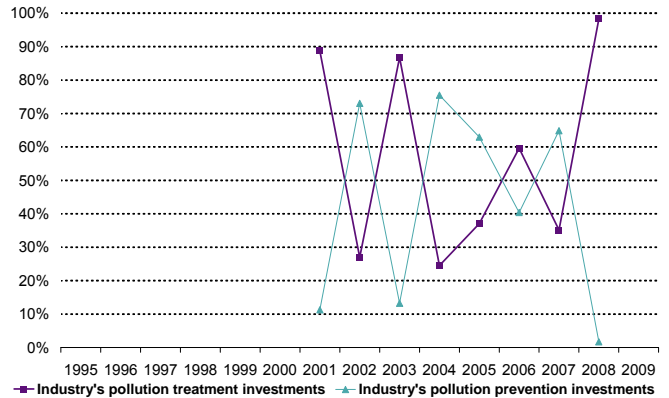
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2001-2008  
(% of industry's EP current expenditure)



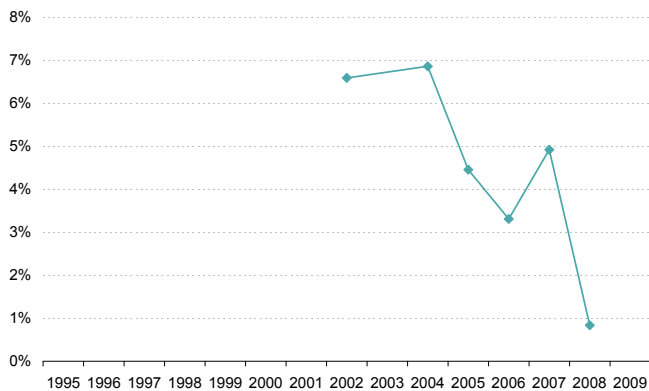
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 2001-2008  
(% of industry's EP investments)



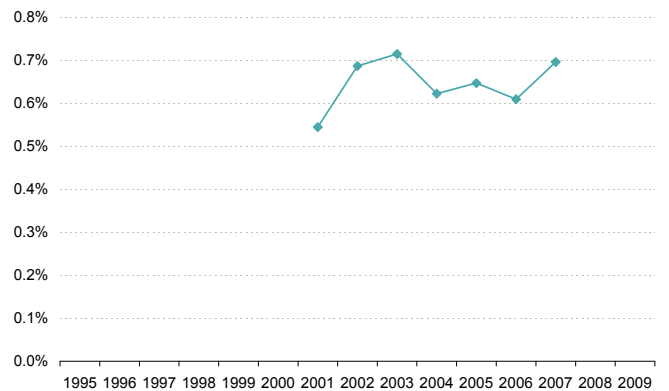
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY19 :** Industry's EP investments, 2001-2008  
(% of industry's GFCF)



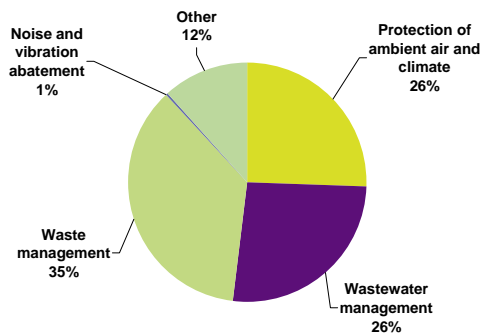
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure CY20 :** Industry's EP current expenditure, 2001-2007  
(% of industry's compensation of employees plus intermediate consumption)



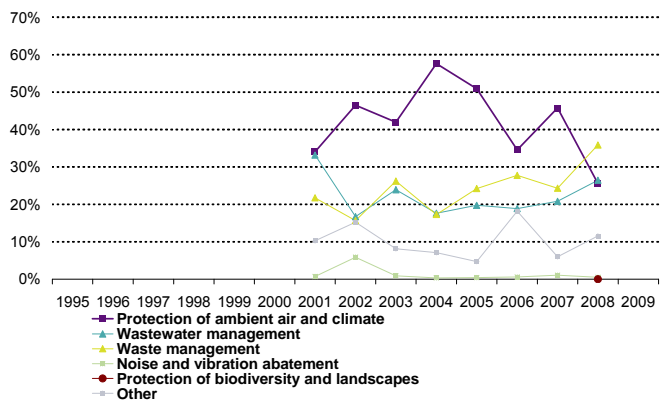
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure CY21 :** Industry's EPE by environmental domain, 2008  
(% of industry's EPE)



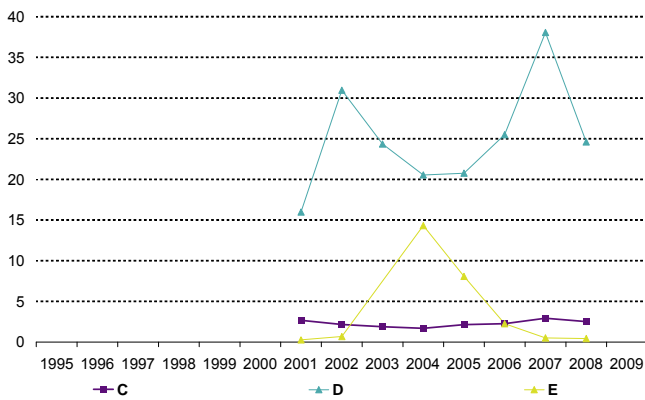
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure CY22 :** Industry's EPE by environmental domain, 2001-2008  
(% of industry's EPE)



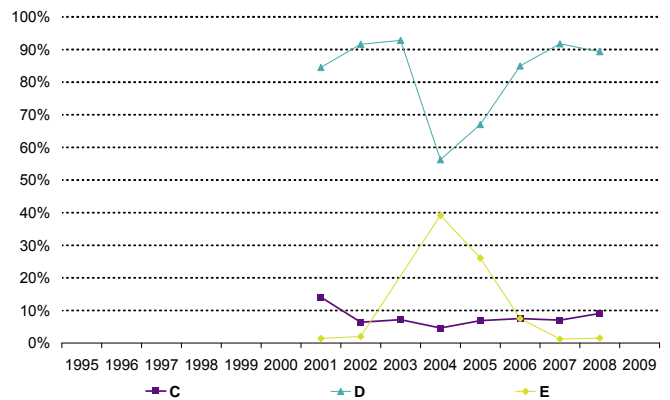
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY23 : Industry's EPE by sector, 2001-2008**  
(EUR million)



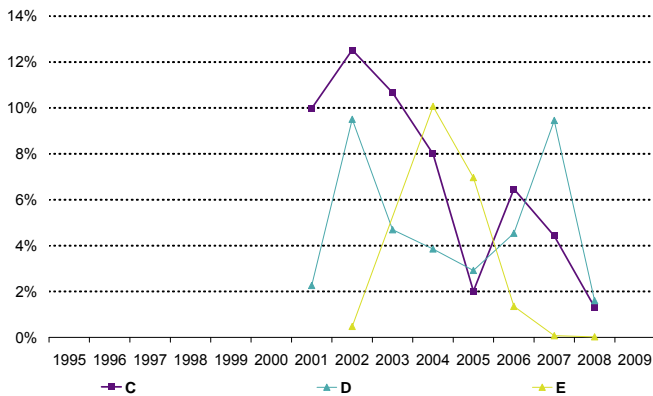
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY24 : Industry's EPE by sector, 2001-2008**  
(% of industry's EPE)



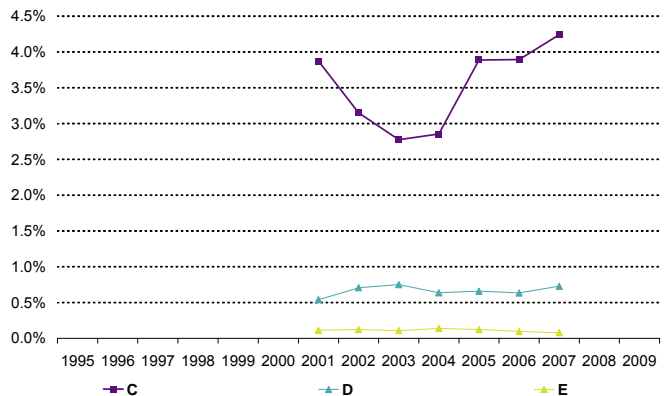
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure CY25 : Industry's investments by sector, 2001-2008**  
(% of GFCF)



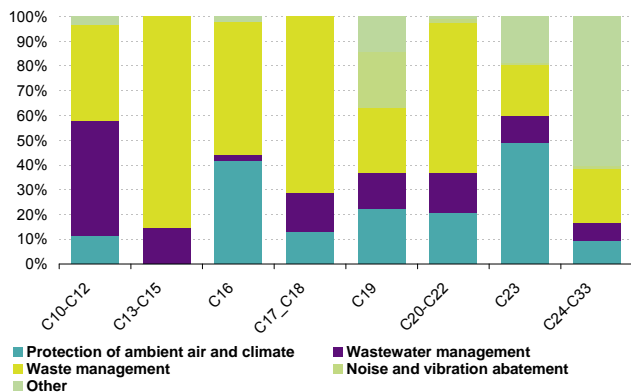
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure CY26 : Industry's current expenditures by sector, 2001-2007**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

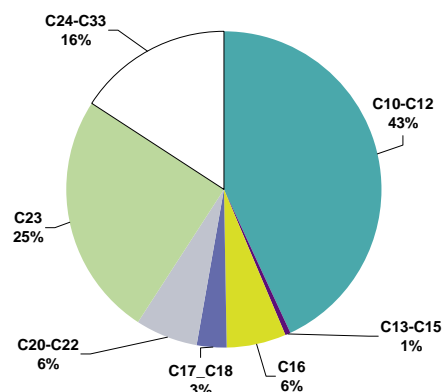
**Figure CY27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing sectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products  
DE: pulp, paper products, publishing and printing

**Figure CY28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)

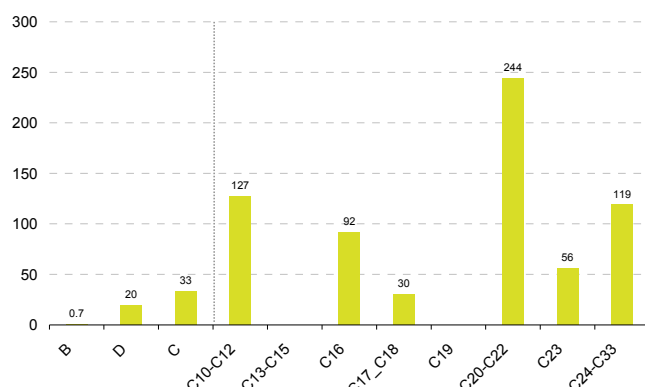


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals  
DJ28\_DN36: metal products, machinery and equipment

DF: coke, refined petroleum and nuclear fuel

**Figure CY29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [env\\_wasgen](#))

**B:** Mining and quarrying

**D:** Electricity, gas and water supply

**C:** Manufacturing

**C10-C12:** food products, tobacco and beverages

**C13-C15:** textile and leather products

**C16:** wood products

**C17-C18:** pulp, paper products, publishing and printing and reproduction of recorded media

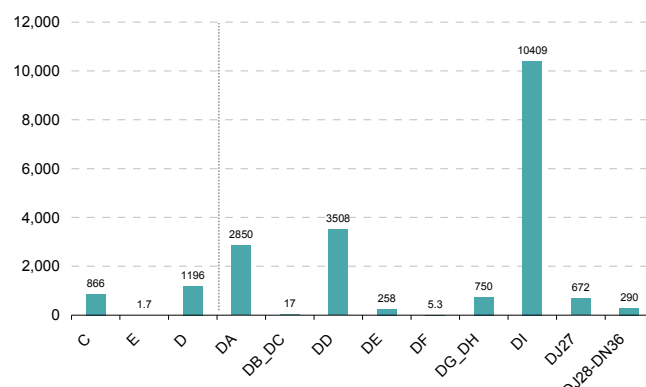
**C19:** coke and refined petroleum products

**C20-C22:** chemical, pharmaceutical, rubber and plastic products

**C23:** other non-metallic mineral products

**C24-C33:** basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure CY30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

**C:** Mining and quarrying

**D:** Manufacturing

**DA:** food products, tobacco and beverages

**DB\_DC:** textile and leather products

**DD:** wood products

**DE:** pulp, paper products, publishing and printing

**DF:** coke, refined petroleum and nuclear fuel

**DG\_DH:** chemicals, chemical products, rubber and plastic products

**DI:** other non metallic products

**DJ27:** basic metals

**DJ28-DN36:** metal products, machinery and equipment

**E:** Electricity, gas and water supply

## Latvia

## Public sector

Table LV1 Environmental protection expenditure in the public sector, 2008

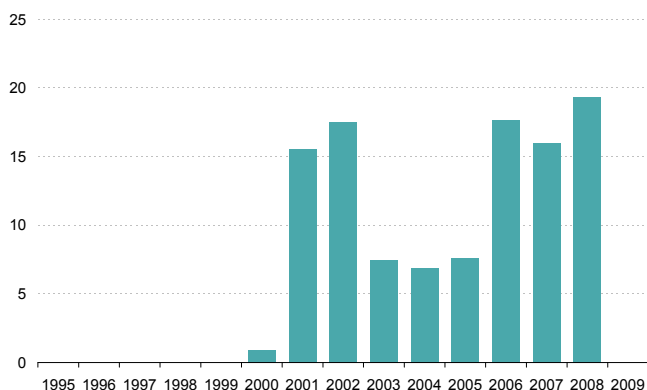
<b>Public sector</b>	<b>2008</b> (EUR million)	
EPE	19.29	
Investments	7.33	
In-house current expenditure	5.11	
Fees and purchases	6.84	
Total current expenditure	11.96	
Receipts from by-products	0.04	
Subsidies/transfers (given)	:	
Revenues	:	
Expenditure I	12.41	
Expenditure II	19.25	

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	0.08%	8.49

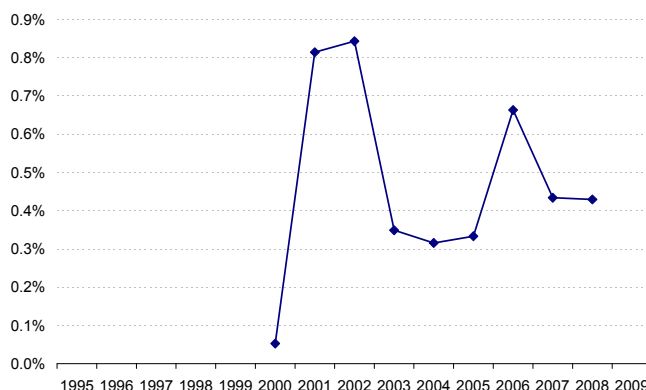
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure LV1 : Public sector's EPE, 2000-2008**  
(EUR million)



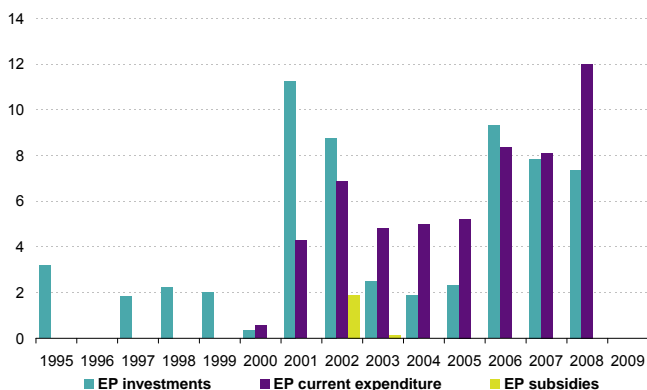
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV2 : Public sector's EPE, 2000-2008**  
(% of final consumption expenditure of general government)



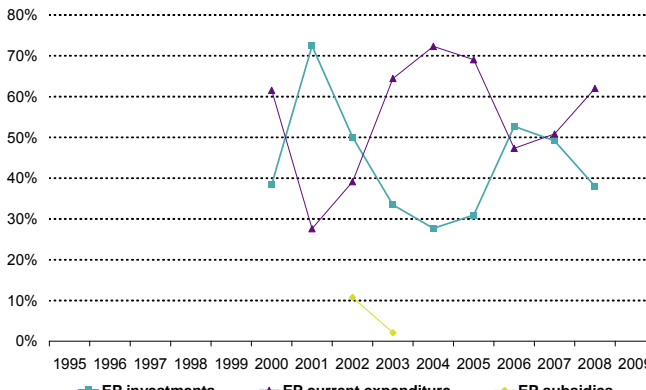
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LV3 : Public sector's EP investments, current expenditures and subsidies, 1995-2008**  
(EUR million)



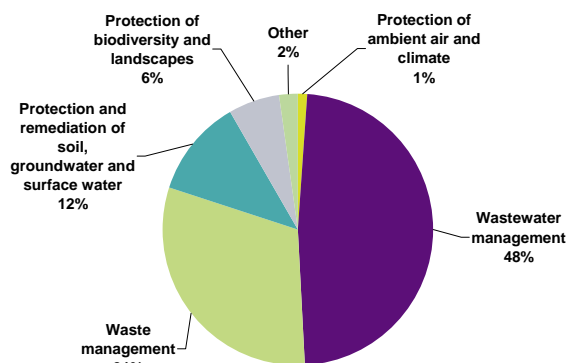
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV4 : Public sector's EP investments, current expenditures and subsidies, 2000-2008**  
(% of public sector's EPE)



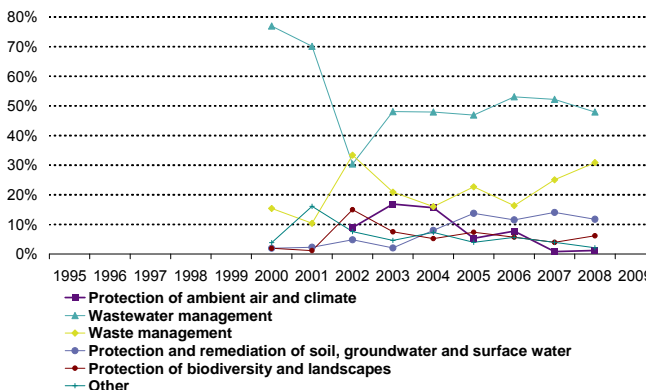
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV5 : Public sector's EPE by environmental domain, 2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure LV6 : Public sector's EPE by environmental domain, 2000-2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Specialised producers

Table LV2 Environmental protection expenditure of the specialised producers, 2009

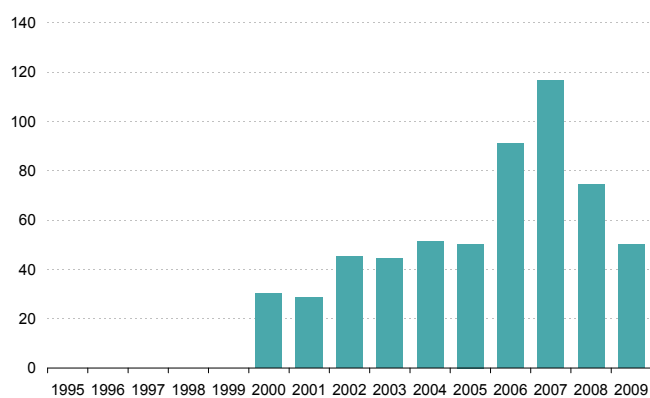
Specialised producers	2009 (EUR million)
EPE	50.34
Investments	20.31
In-house current expenditure	27.35
Fees and purchases	2.68
Total current expenditure	30.04
Receipts from by-products	6.74
Subsidies/transfers (received)	:
Revenues	27.43
Expenditure I	40.92
Expenditure II	16.17

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.27%	22.26

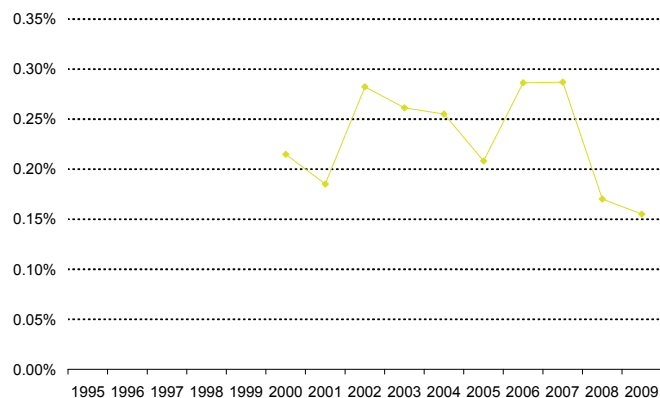
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure LV7 : Specialised producers' EPE, 2000-2009 (EUR million)



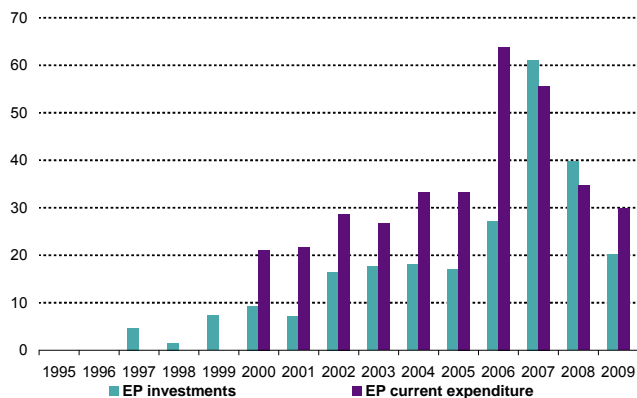
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure LV8 : Specialised producers' EPE, 2000-2009 (% of investments plus compensation of employees and intermediate consumption of business activities)



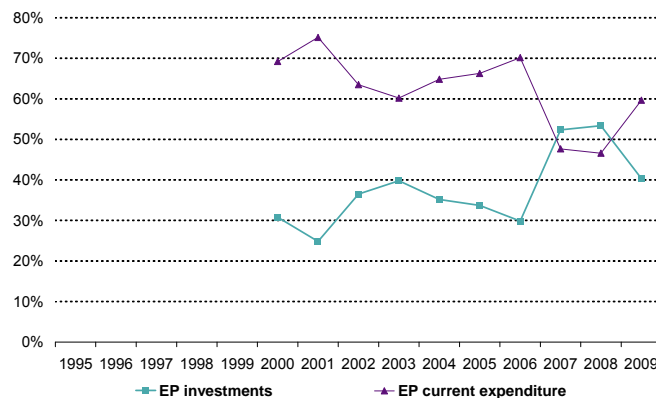
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LV9:** Specialised producers' EP investments and current expenditures, 1997-2009 (EUR million)



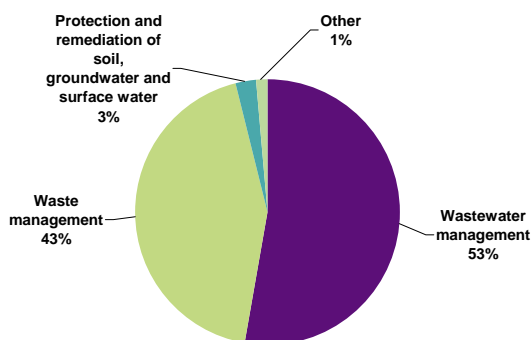
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV10:** Specialised producers' EP investments and current expenditures, 2000-2009 (% of specialised producers' EPE)



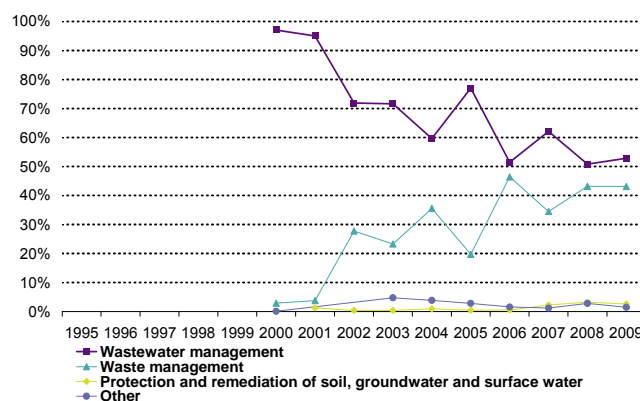
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



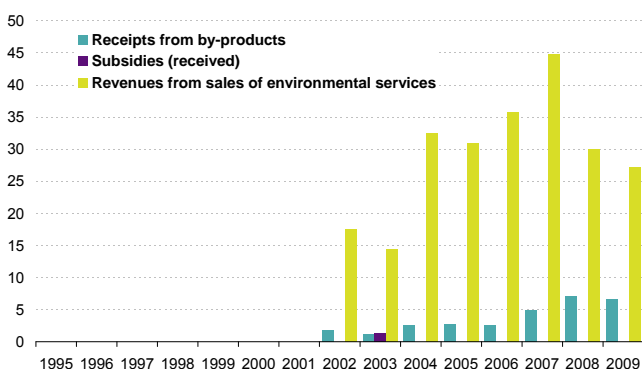
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure LV12:** Specialised producers' EPE by environmental domain, 2000-2009 (% of specialised producers' EPE)



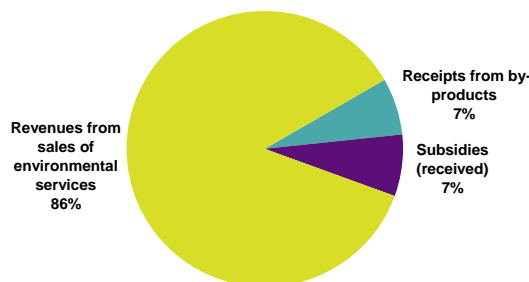
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2002-2009 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2003 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))



## Industry

Table LV3 Environmental protection expenditure by industry, 2009

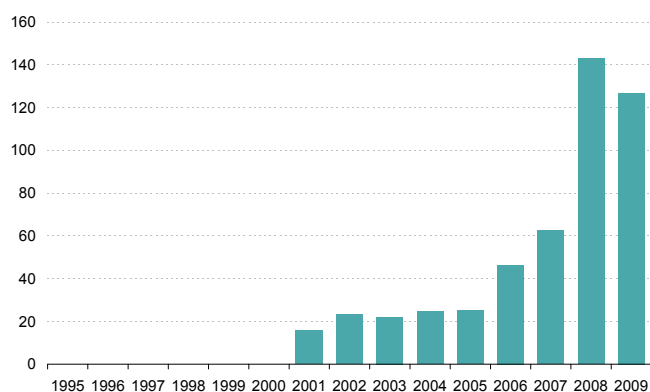
Industry	2009 (EUR million)
EPE	127.65
Pollution treatment investments	21.27
Pollution prevention investments	65.61
Investments	86.88
In-house current expenditure	26.45
Fees and purchases	14.32
Total current expenditure	40.77
Receipts from by-products	16.31
Subsidies/transfers (received)	:
Expenditure I	97.02
Expenditure II	111.34

Industry	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.69%	56.45

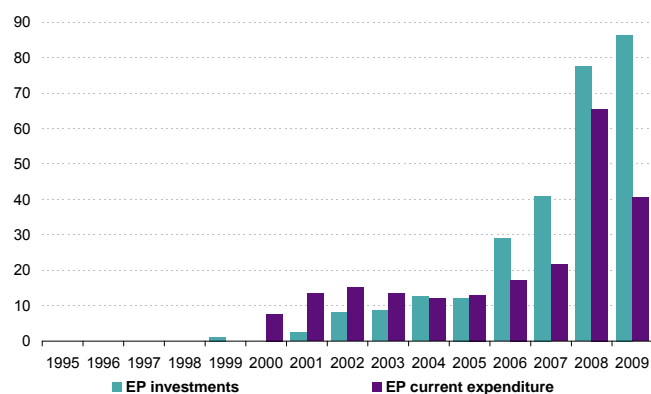
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure LV15 : Industry's EPE, 2001-2009  
(EUR million)



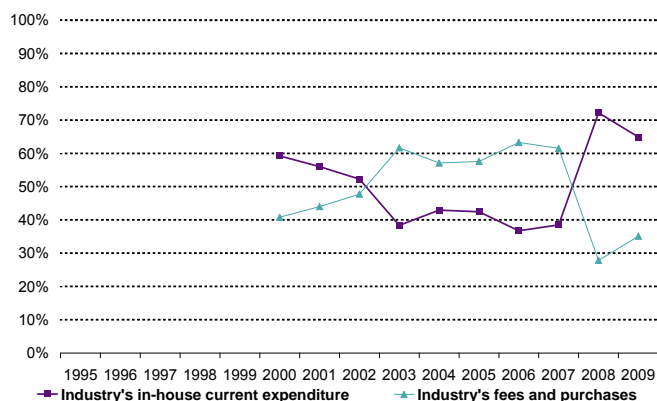
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure LV16 : Industry's EP investments and current expenditures, 1999-2009  
(EUR million)



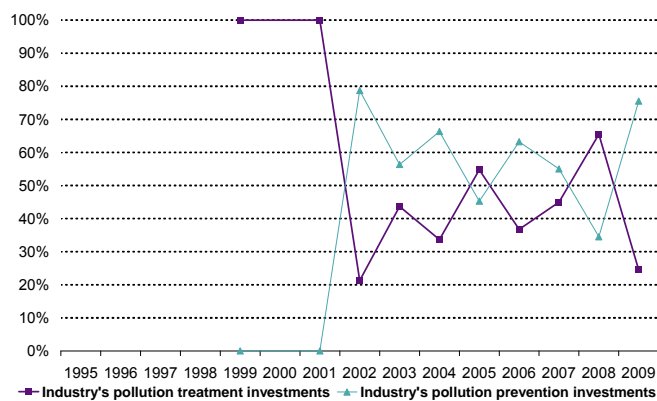
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV17** : Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2000-2009  
(% of industry's EP current expenditure)



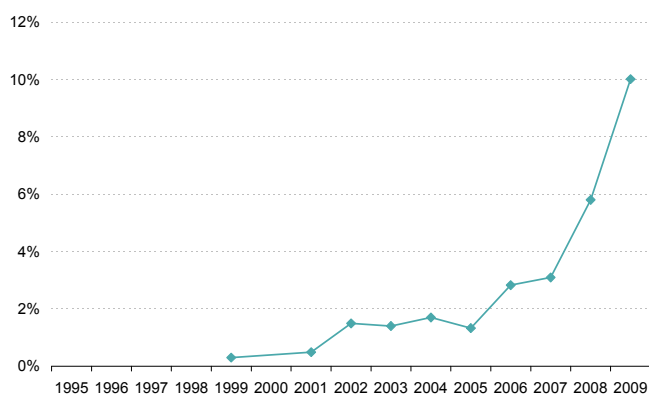
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV18** : Industry's environmental investments: pollution treatment and pollution prevention investments, 1999-2009  
(% of industry's EP investments)



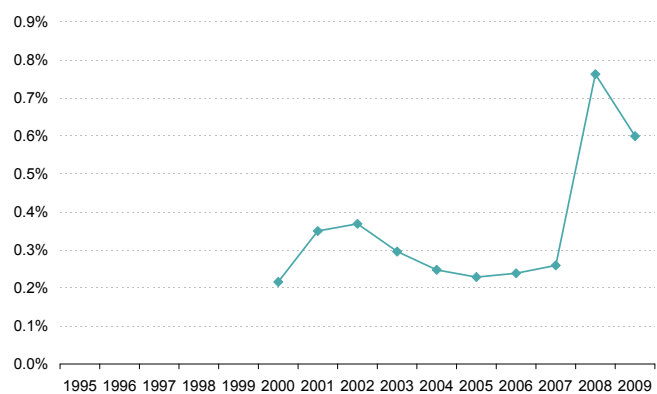
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV19** : Industry's EP investments, 1999-2009  
(% of industry's GFCF)



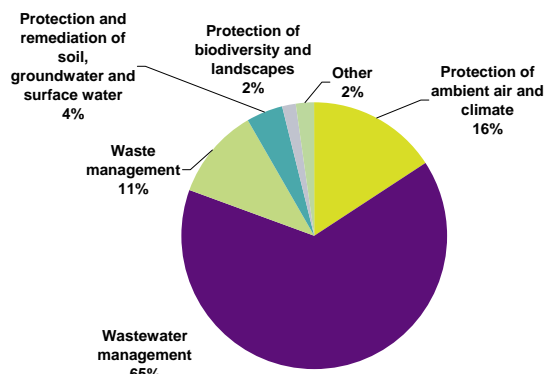
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LV20** : Industry's EP current expenditure, 2000-2009  
(% of industry's compensation of employees plus intermediate consumption)



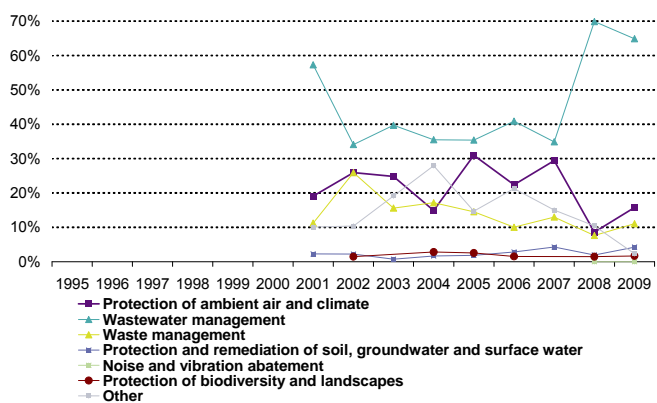
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LV21** : Industry's EPE by environmental domain, 2009  
(% of industry's EPE)



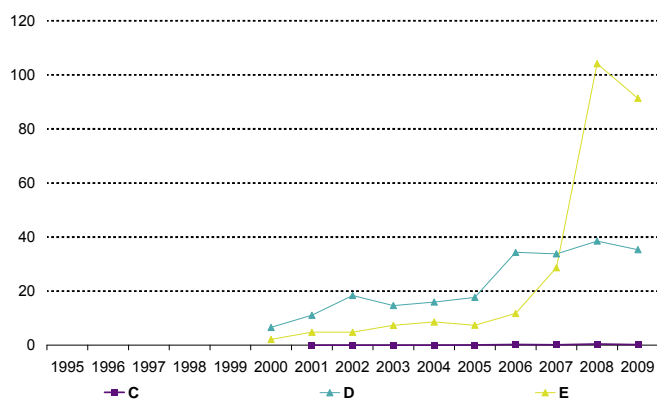
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure LV22** : Industry's EPE by environmental domain, 2001-2009  
(% of industry's EPE)



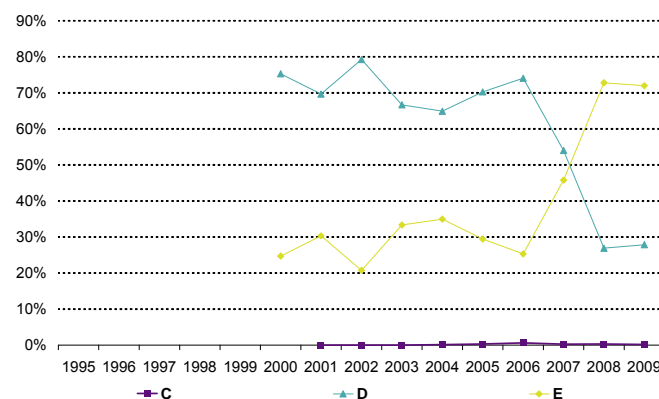
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV23 : Industry's EPE by sector, 2000-2009**  
(EUR million)



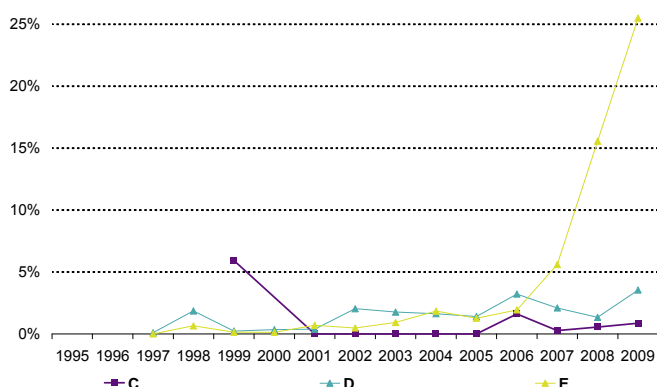
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV24 : Industry's EPE by sector, 2000-2009**  
(% of industry's EPE)



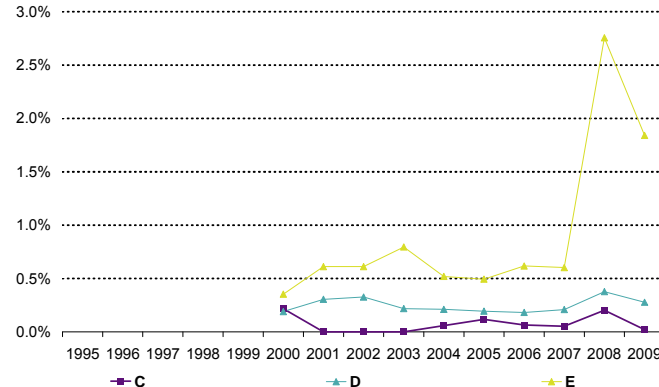
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LV25 : Industry's investments by sector, 1997-2009**  
(% of GFCF)



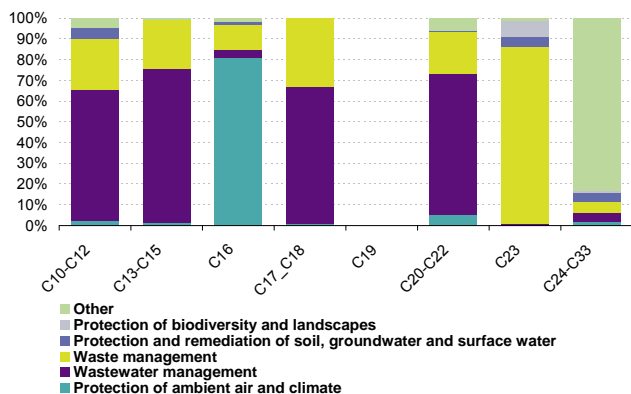
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LV26 : Industry's current expenditures by sector, 2000-2009**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

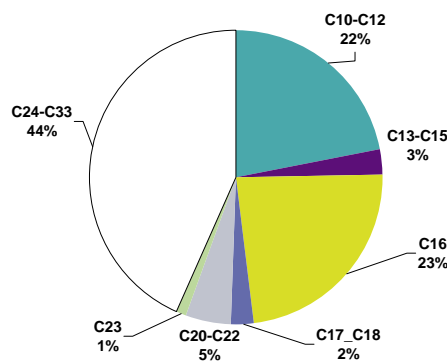
**Figure LV27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- B: Mining and quarrying
- D: Electricity, gas and water supply
- C: Manufacturing
- C10-C12: food products, tobacco and beverages

**Figure LV28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)

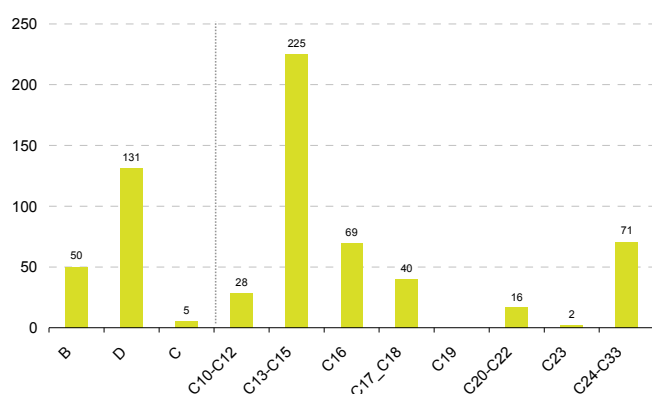


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- C19: coke and refined petroleum products
- C20-C22: chemical, pharmaceutical, rubber and plastic products
- C23: other non-metallic mineral products
- C24-C33: basic metals and fabricated metal products, except

C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media

**Figure LV29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

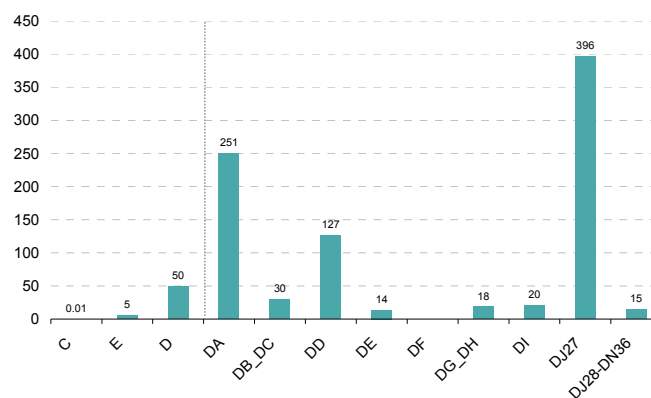


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [env\\_wasgen](#))

B: Mining and quarrying  
 D: Electricity, gas and water supply  
 C: Manufacturing  
 C10-C12: food products, tobacco and beverages  
 C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media  
 C19: coke and refined petroleum products  
 C20-C22: chemical, pharmaceutical, rubber and plastic products  
 C23: other non-metallic mineral products  
 C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure LV30** : Industry's EPE for air protection and industry's GHG emissions, 2004 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply

## Lithuania

## Public sector\*

Table LT1 Environmental protection expenditure in the public sector, 2009

<b>Public sector</b>	<b>2009</b> (EUR million)	
EPE	315.77	
Investments	213.86	
In-house current expenditure	:	
Fees and purchases	:	
Total current expenditure	98.06	
Receipts from by-products	:	
Subsidies/transfers (given)	3.85	
Revenues	:	
Expenditure I	:	
Expenditure II	:	

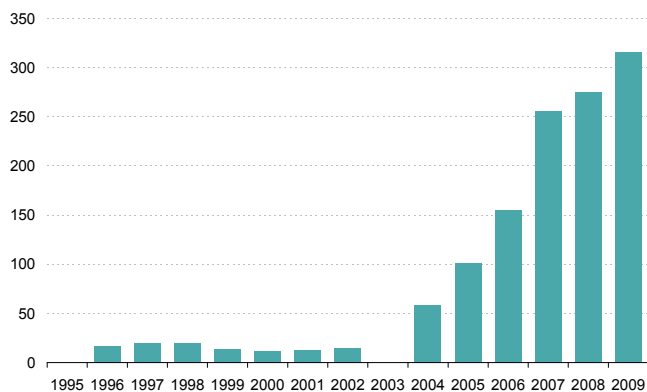
  

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	1.19%	94.26

\* Data for 1996-2003 refer only to local governments. As of 2004 data are based on COFOG

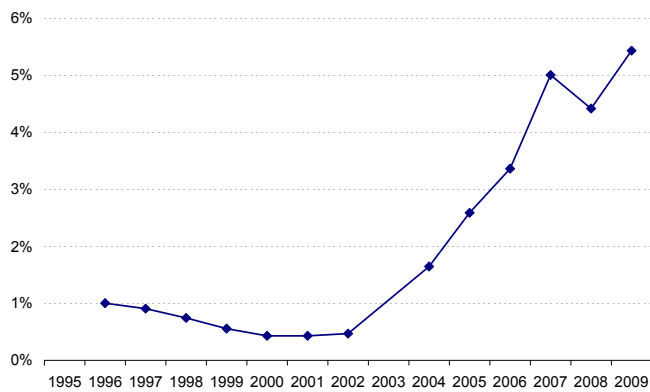
Source: Eurostat (online data code: [env\\_ac\\_expir2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure LT1 :** Public sector's EPE, 1996-2009 (EUR million)



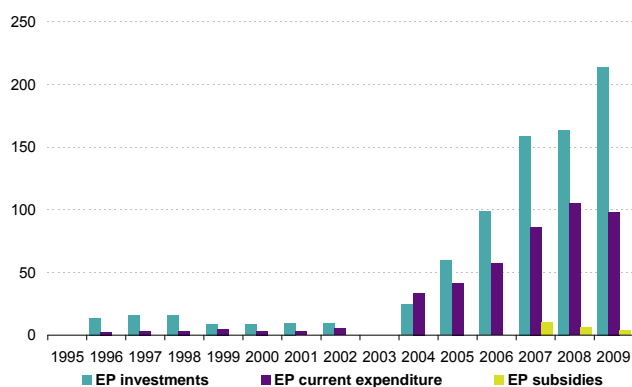
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT2 :** Public sector's EPE, 1996-2009 (% of final consumption expenditure of general government)



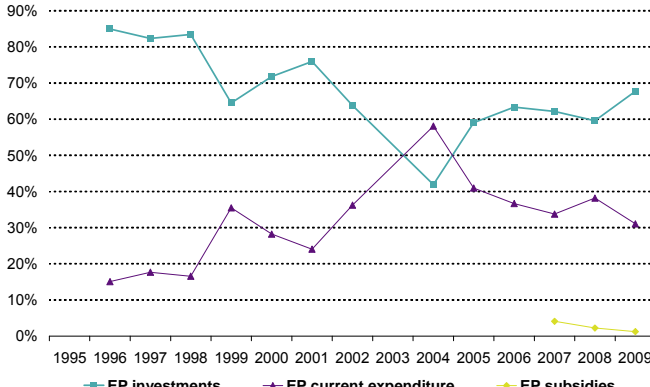
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LT3 :** Public sector's EP investments, current expenditures and subsidies, 1996-2009 (EUR million)



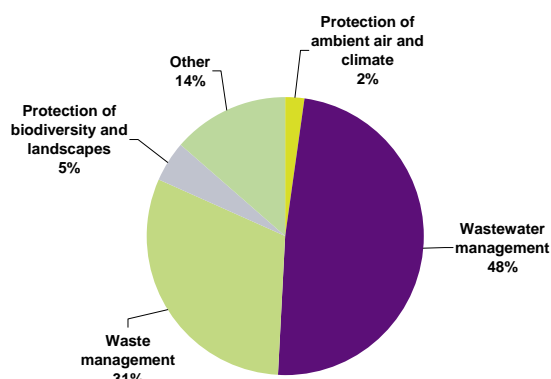
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT4 :** Public sector's EP investments, current expenditures and subsidies, 1996-2009 (% of public sector's EPE)



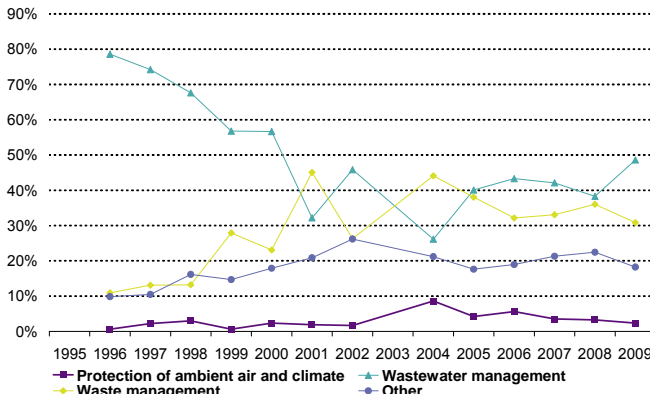
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT5 :** Public sector's EPE by environmental domain, 2009 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure LT6 :** Public sector's EPE by environmental domain, 1996-2009 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Specialised producers

Table LT2 Environmental protection expenditure of the specialised producers, 2009

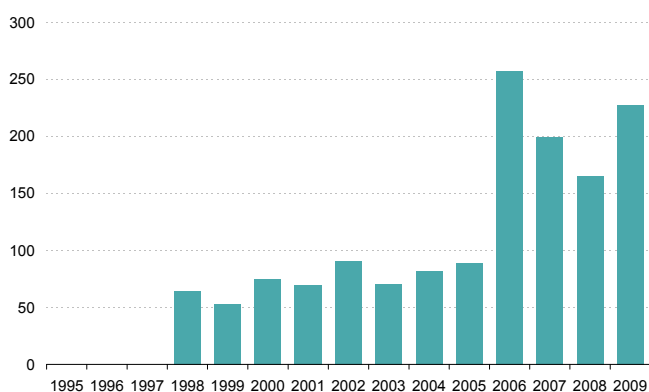
Specialised producers	2009 (EUR million)
EPE	227.26
Investments	119.43
In-house current expenditure	100.18
Fees and purchases	7.65
Total current expenditure	107.83
Receipts from by-products	13.22
Subsidies/transfers (received)	:
Revenues	46.70
Expenditure I	206.39
Expenditure II	167.34

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.86%	67.84

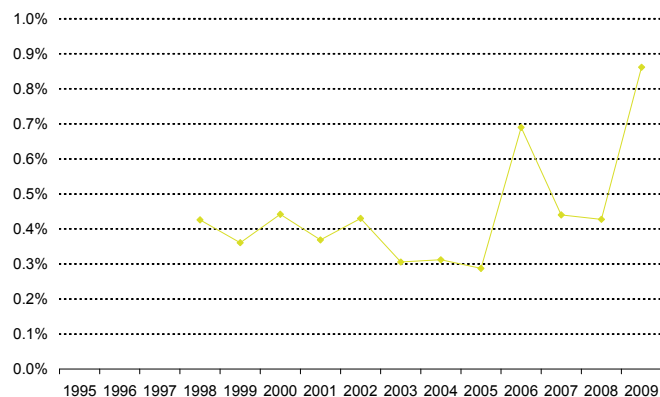
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure LT7 : Specialised producers' EPE, 1998-2009 (EUR million)



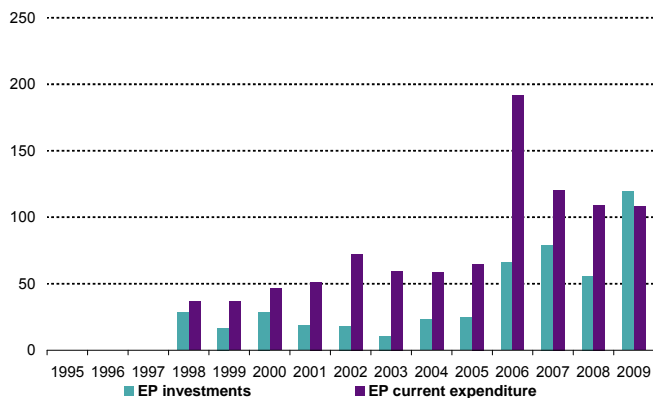
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure LT8 : Specialised producers' EPE, 1998-2009 (% of investments plus compensation of employees and intermediate consumption of business activities)



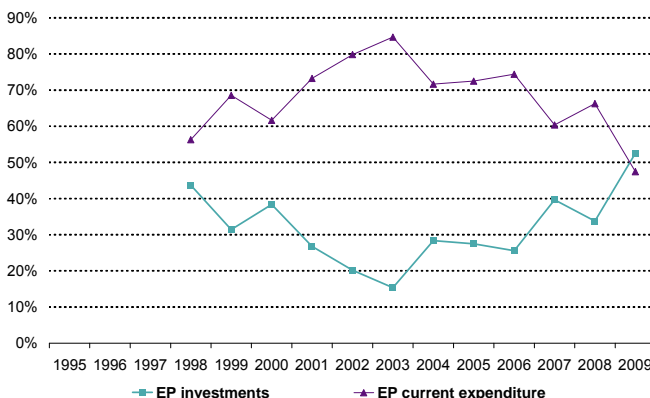
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LT9:** Specialised producers' EP investments and current expenditures, 1998-2009 (EUR million)



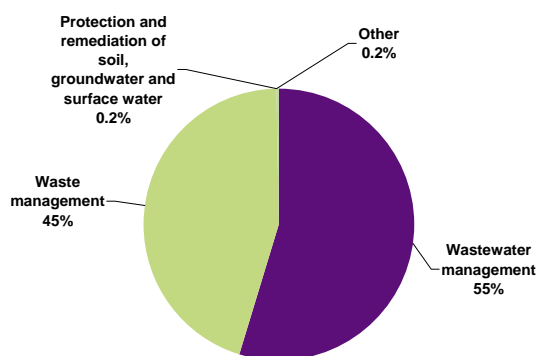
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT10:** Specialised producers' EP investments and current expenditures, 1998-2009 (% of specialised producers' EPE)



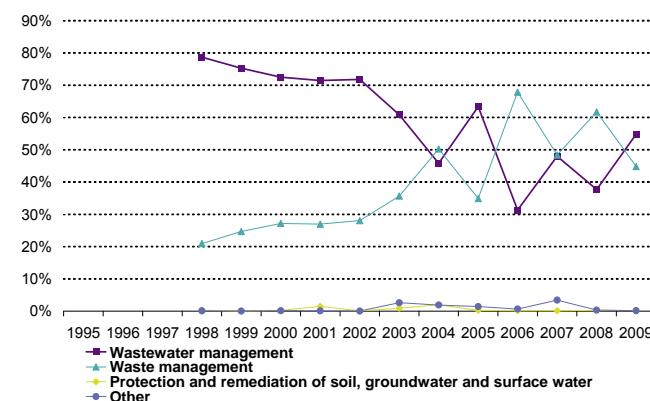
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



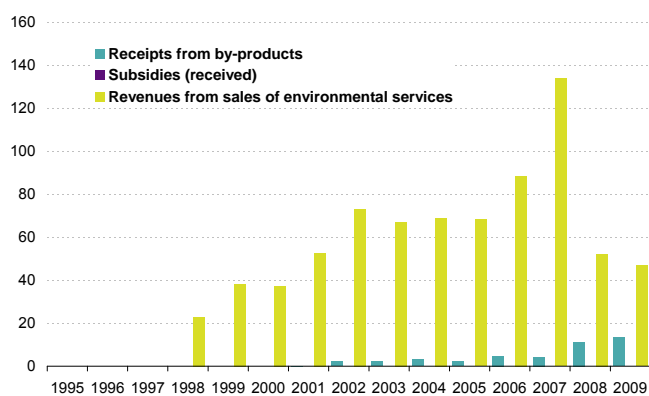
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure LT12:** Specialised producers' EPE by environmental domain, 1998-2009 (% of specialised producers' EPE)



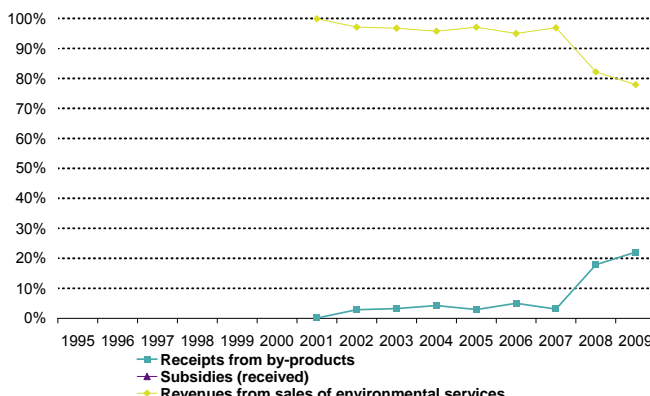
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1998-2009 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2001-2009 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))



## Industry

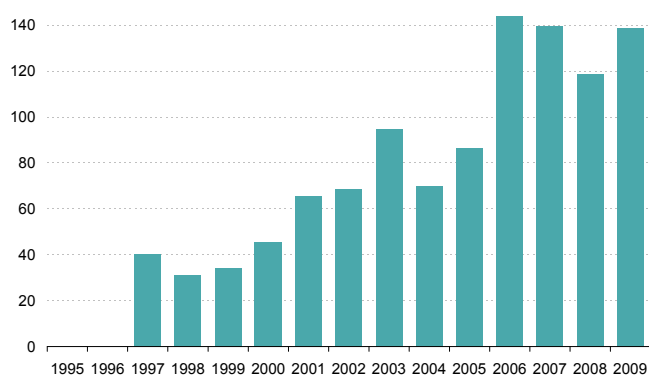
Table LT3 Environmental protection expenditure by industry, 2009

Industry	2009 (EUR million)
EPE	138.66
Pollution treatment investments	47.50
Pollution prevention investments	18.26
Investments	65.76
In-house current expenditure	25.45
Fees and purchases	47.45
Total current expenditure	72.90
Receipts from by-products	9.23
Subsidies/transfers (received)	:
Expenditure I	81.98
Expenditure II	129.43

Industry	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.53%	41.41

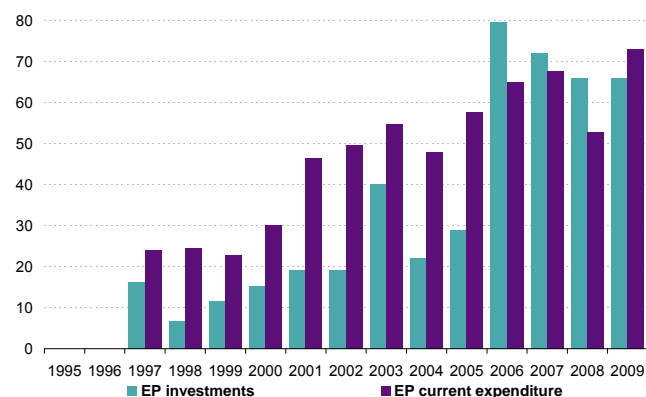
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure LT15 : Industry's EPE, 1997-2009  
(EUR million)



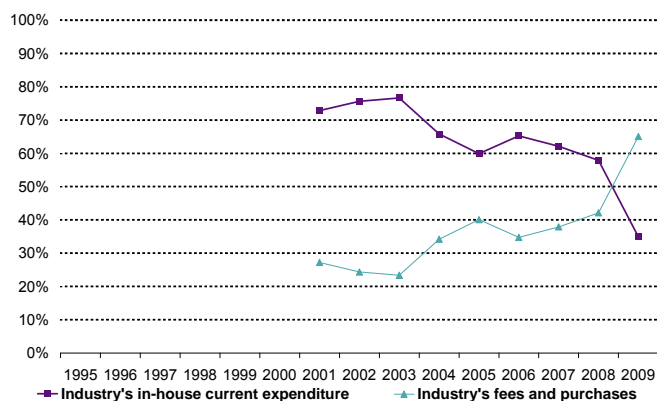
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure LT16 : Industry's EP investments and current expenditures, 1997-2009  
(EUR million)



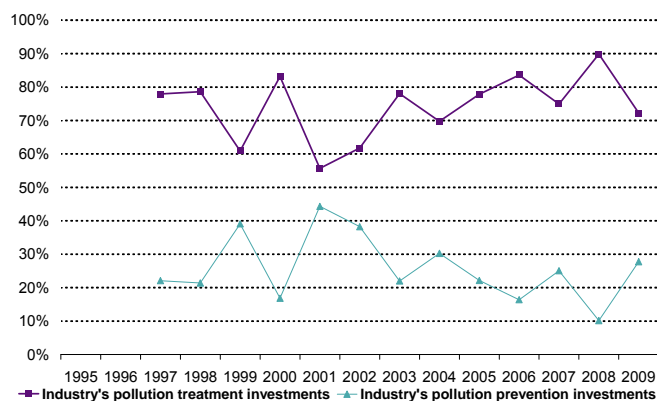
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2001-2009 (% of industry's EP current expenditure)



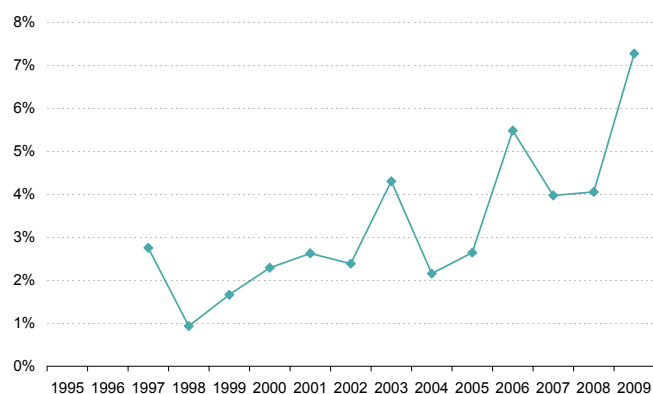
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1997-2009 (% of industry's EP investments)



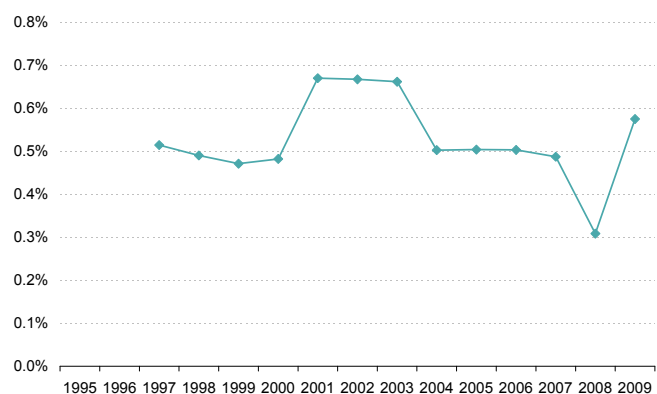
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT19 :** Industry's EP investments, 1997-2009 (% of industry's GFCF)



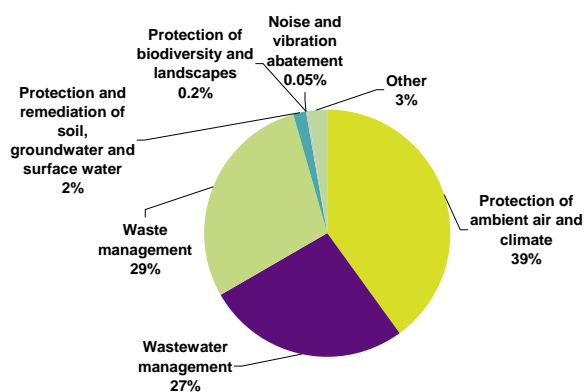
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LT20 :** Industry's EP current expenditure, 1997-2009 (% of industry's compensation of employees plus intermediate consumption)



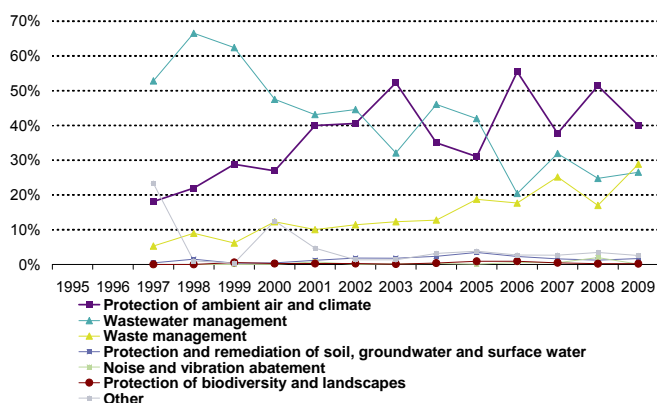
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LT21 :** Industry's EPE by environmental domain, 2009 (% of industry's EPE)



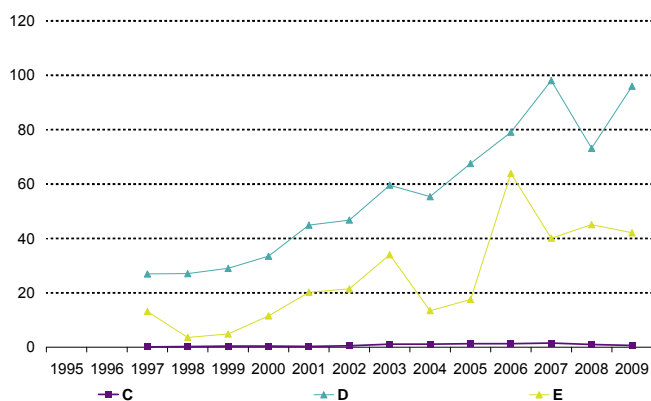
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure LT22 :** Industry's EPE by environmental domain, 1997-2009 (% of industry's EPE)



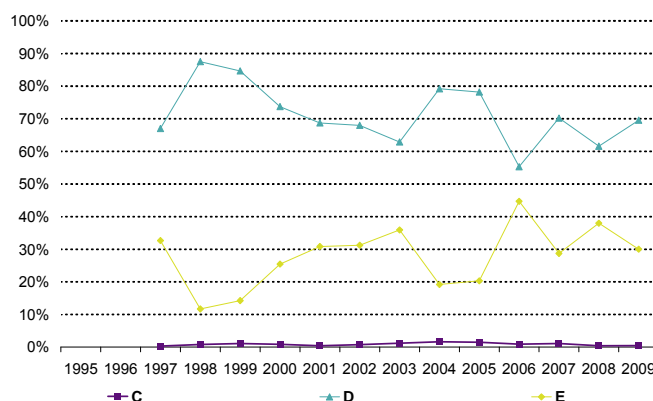
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT23 : Industry's EPE by sector, 1997-2009**  
(EUR million)



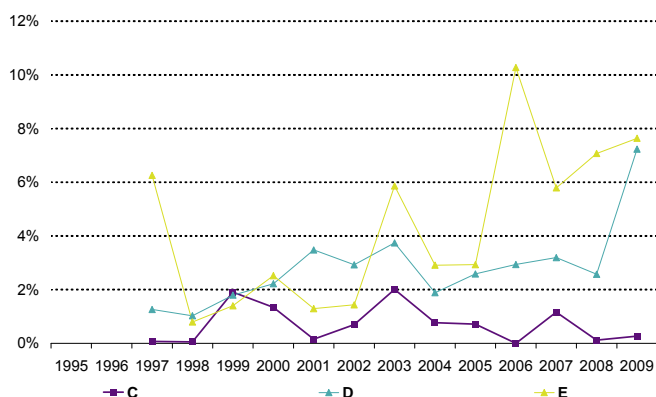
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT24 : Industry's EPE by sector, 1997-2009**  
(% of industry's EPE)



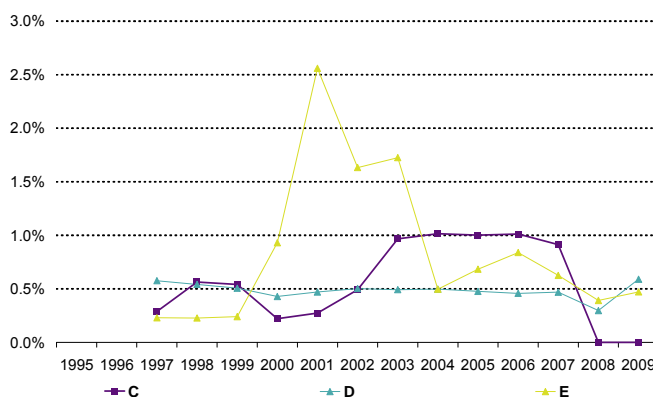
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure LT25 : Industry's investments by sector, 1997-2009**  
(% of GFCF)



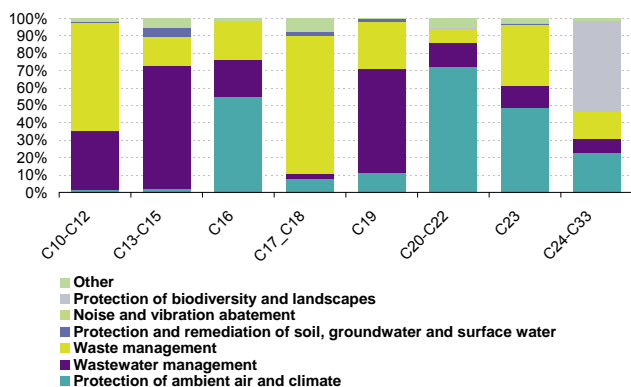
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure LT26 : Industry's current expenditures by sector, 1997-2009**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

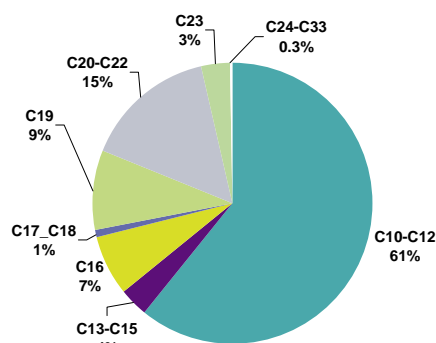
**Figure LT27 : EPE in manufacturing subsectors by environmental domain, 2009**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- B: Mining and quarrying
- D: Electricity, gas and water supply
- C: Manufacturing
- C10-C12: food products, tobacco and beverages

**Figure LT28 : EPE in manufacturing subsectors, 2009**  
(% of total manufacturing's EPE)

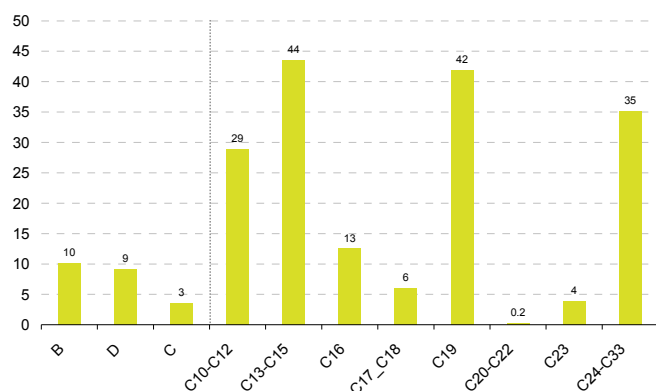


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- C19: coke and refined petroleum products
- C20-C22: chemical, pharmaceutical, rubber and plastic products
- C23: other non-metallic mineral products
- C24-C33: basic metals and fabricated metal products, except

C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media

**Figure LT29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

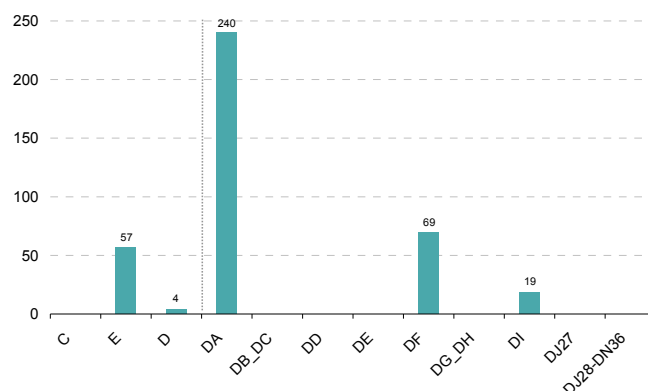


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [env\\_wasgen](#))

B: Mining and quarrying  
 D: Electricity, gas and water supply  
 C: Manufacturing  
 C10-C12: food products, tobacco and beverages  
 C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media  
 C19: coke and refined petroleum products  
 C20-C22: chemical, pharmaceutical, rubber and plastic products  
 C23: other non-metallic mineral products  
 C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure LT30** : Industry's EPE for air protection and industry's GHG emissions, 2005 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply

## Luxembourg

## Public sector

Table LU1 Environmental protection expenditure in the public sector, 2009

<b>Public sector</b>	<b>2009</b> (EUR million)	
EPE	161.29	
Investments	14.70	
In-house current expenditure	102.89	
Fees and purchases	74.74	
Total current expenditure	177.64	
Receipts from by-products	0.82	
Subsidies/transfers (given)	-31.04	
Revenues	85.12	
Expenditure I	116.77	
Expenditure II	75.35	

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	0.42%	326.83

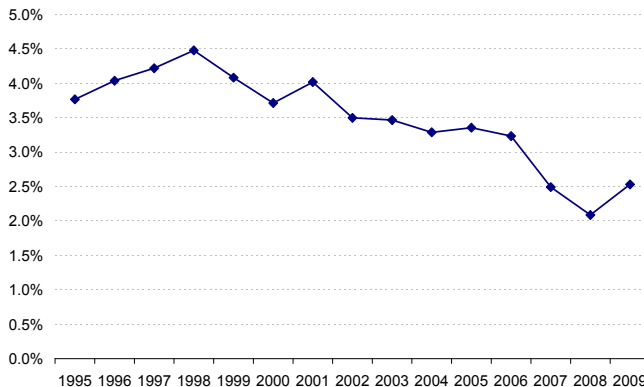
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure LU1 : Public sector's EPE, 1995-2009**  
(EUR million)



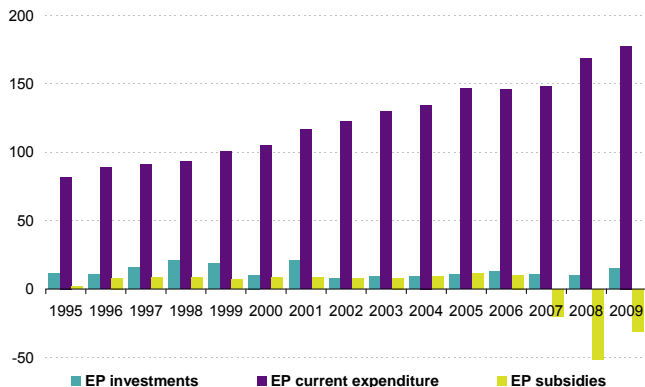
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure LU2 : Public sector's EPE, 1995-2009**  
(% of final consumption expenditure of general government)



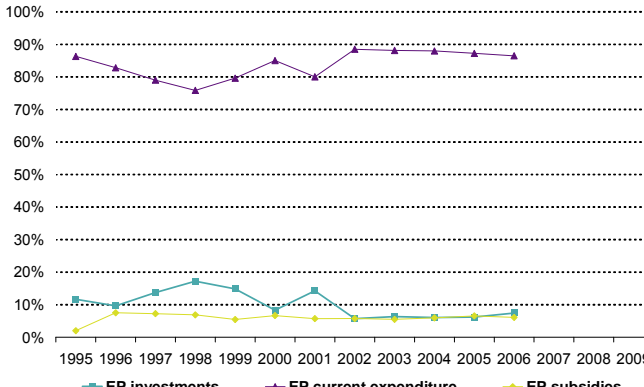
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure LU3 : Public sector's EP investments, current expenditures and subsidies, 1995-2009**  
(EUR million)



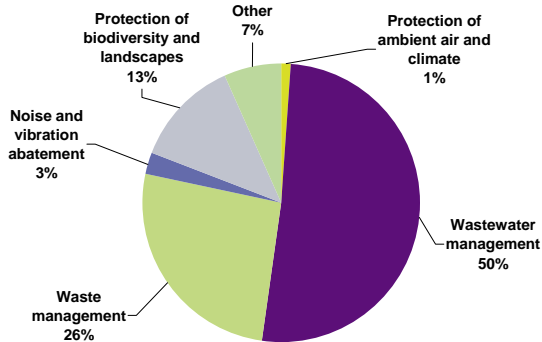
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure LU4 : Public sector's EP investments, current expenditures and subsidies, 1995-2006**  
(% of public sector's EPE)



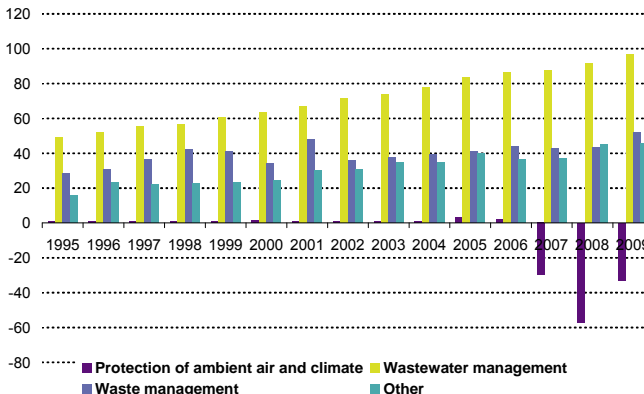
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure LU5 : Public sector's EPE by environmental domain, 2006**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure LU6 : Public sector's EPE by environmental domain, 1995-2009**  
(EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

Table LU2 Environmental Protection expenditure of the specialised producers, 2009

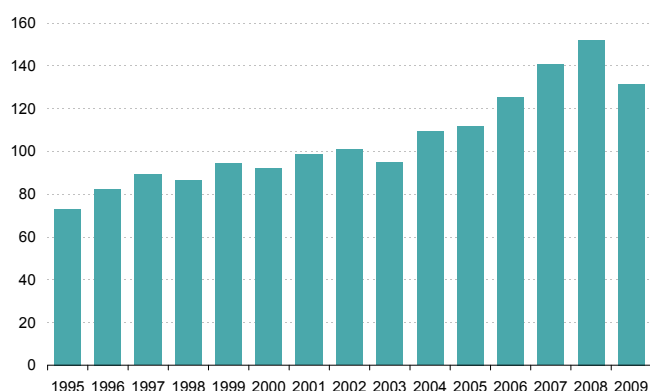
Specialised producers	2009 (EUR million)
EPE	131.51
Investments	8.49
In-house current expenditure	83.68
Fees and purchases	39.34
Total current expenditure	123.02
Receipts from by-products	:
Subsidies/transfers (received)	-0.17
Revenues	157.91
Expenditure I	92.17
Expenditure II	-26.24

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.35%	266.48

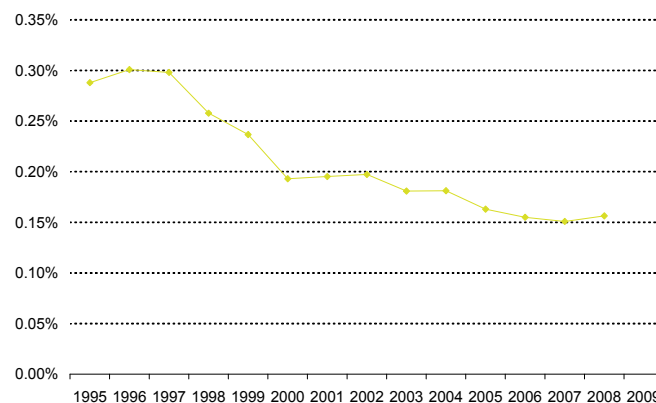
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure LU7 : Specialised producers' EPE, 1995-2009 (EUR million)



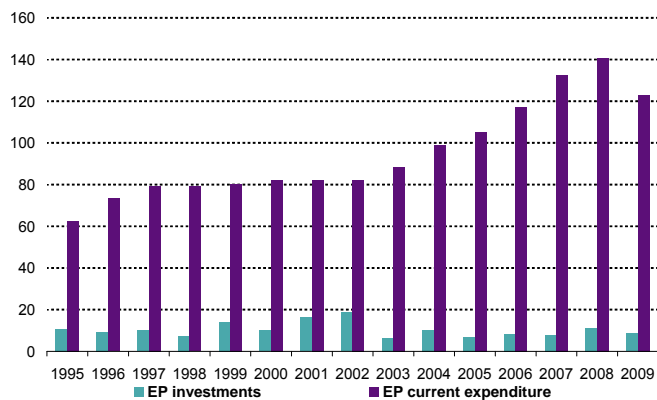
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure LU8 : Specialised producers' EPE, 1995-2008 (% of investments plus compensation of employees and intermediate consumption of business activities)



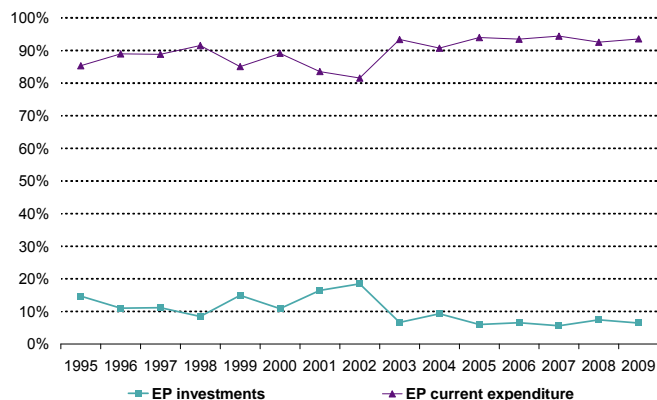
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure LU9:** Specialised producers' EP investments and current expenditures, 1995-2009 (EUR million)



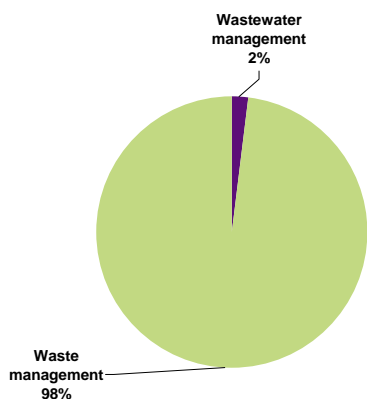
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure LU10:** Specialised producers' EP investments and current expenditures, 1995-2009 (% of specialised producers' EPE)



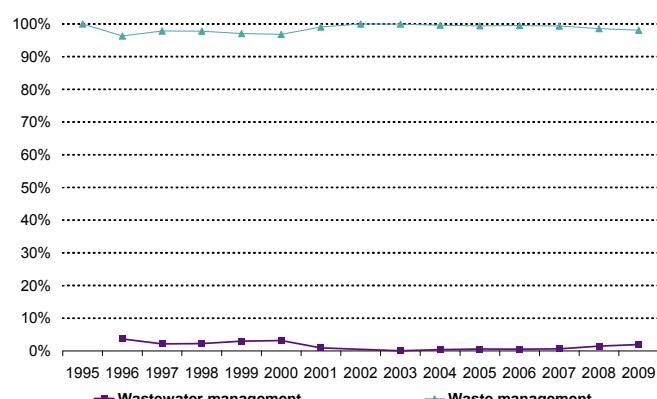
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure LU11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



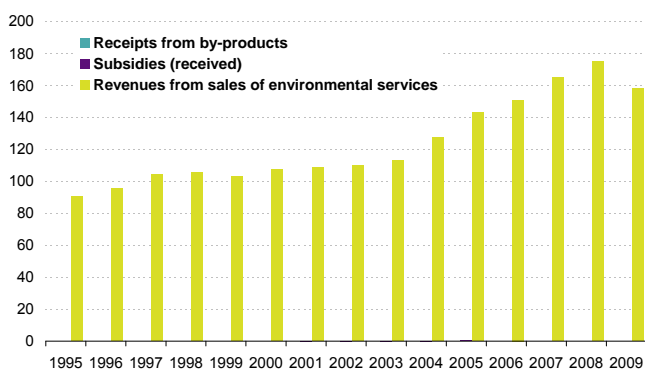
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure LU12:** Specialised producers' EPE by environmental domain, 1995-2009 (% of specialised producers' EPE)



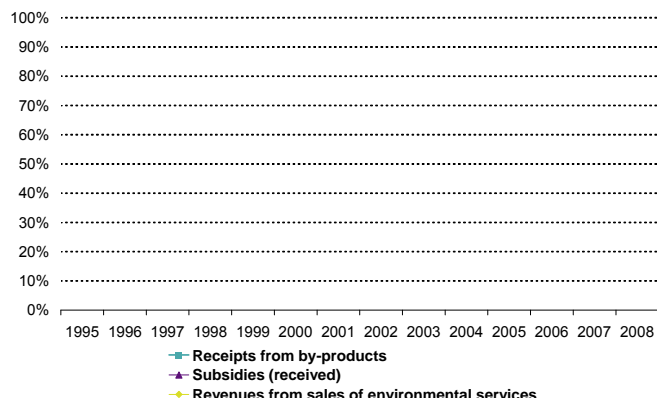
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure LU13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1995-2009 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure LU14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (% of specialised producers' EP revenues)



\* No data on receipts from by-products and subsidies available.



## Hungary

## Public sector

Table HU1 Environmental protection expenditure in the public sector, 2009

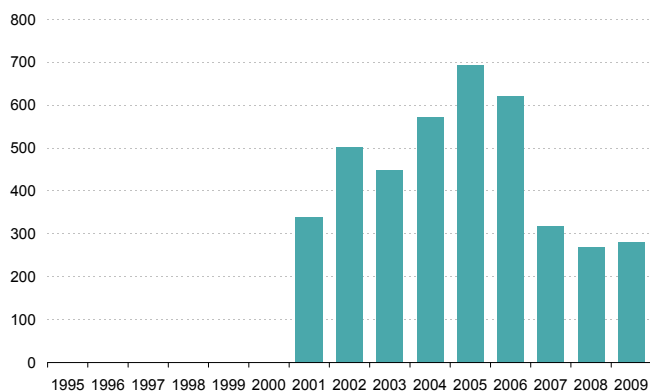
<b>Public sector</b>	<b>2009</b> (EUR million)	
EPE	281.48	
Investments	95.07	
In-house current expenditure	41.31	
Fees and purchases	44.42	
Total current expenditure	85.73	
Receipts from by-products	0.09	
Subsidies/transfers (given)	100.68	
Revenues	:	
Expenditure I	136.29	
Expenditure II	281.39	

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	0.30%	28.06

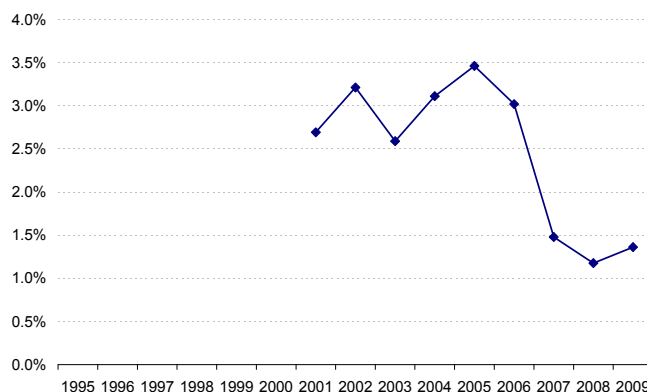
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure HU1 : Public sector's EPE, 2001-2009**  
(EUR million)



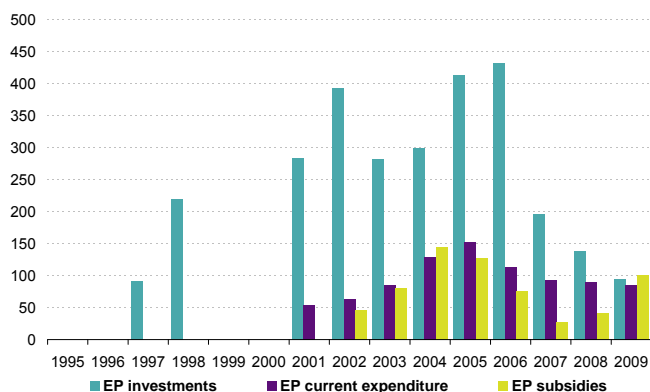
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU2 : Public sector's EPE, 2001-2009**  
(% of final consumption expenditure of general government)



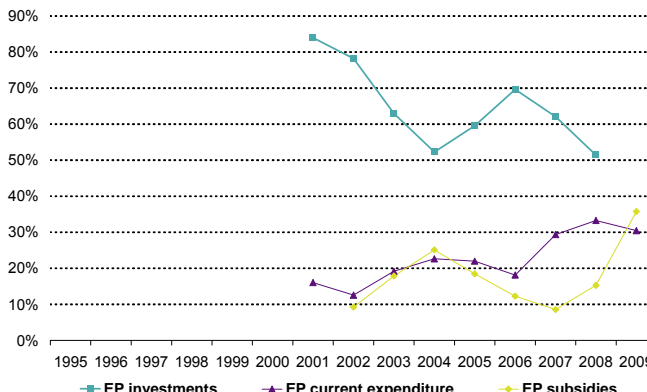
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure HU3 : Public sector's EP investments, current expenditures and subsidies, 1997-2009**  
(EUR million)



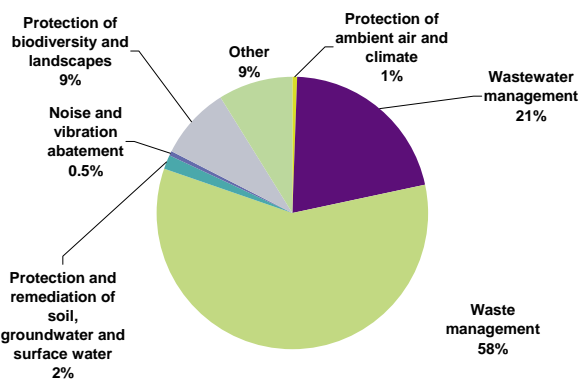
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU4 : Public sector's EP investments, current expenditures and subsidies, 2001-2009**  
(% of public sector's EPE)



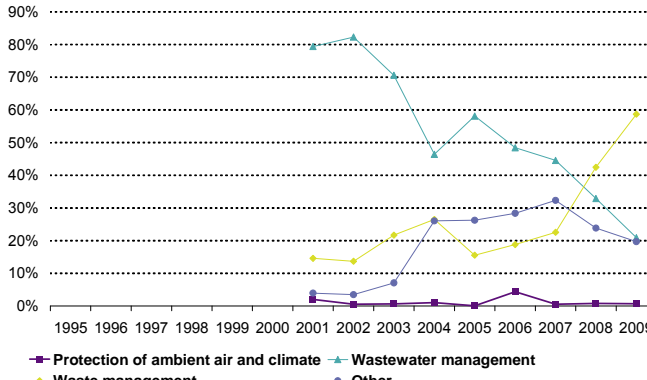
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU5 : Public sector's EPE by environmental domain, 2009\***  
(% of public sector's EPE)



\*Only investments and total current expenditure are included.  
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure HU6 : Public sector's EPE by environmental domain, 2001-2009\***  
(% of public sector's EPE)



\*Only investments and total current expenditure are included.  
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Specialised producers

Table HU2 Environmental protection expenditure of the specialised producers, 2009

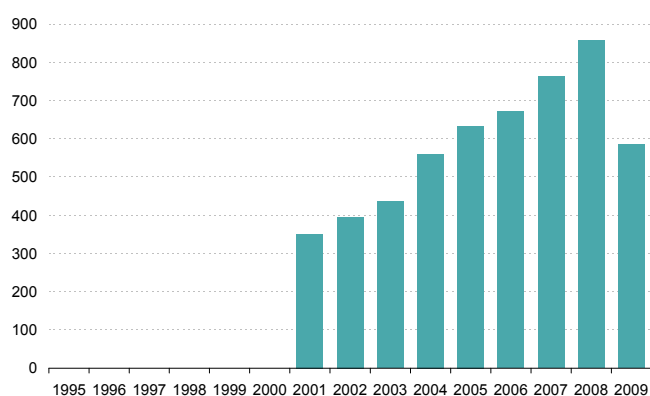
Specialised producers	2009 (EUR million)
EPE	584.63
Investments	128.29
In-house current expenditure	402.25
Fees and purchases	54.09
Total current expenditure	456.34
Receipts from by-products	26.27
Subsidies/transfers (received)	36.26
Revenues	:
Expenditure I	504.27
Expenditure II	522.10

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.63%	58.28

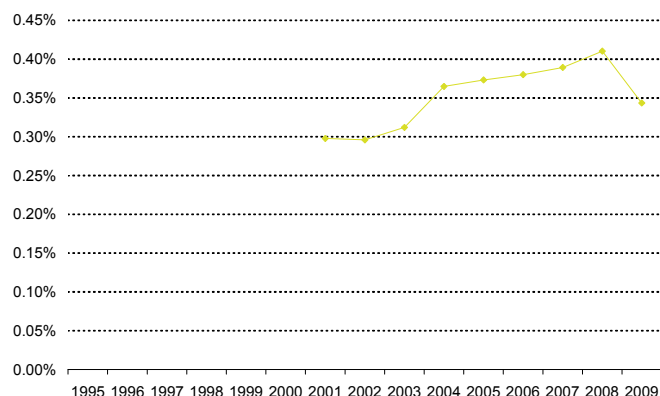
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure HU7 : Specialised producers' EPE, 2001-2009 (EUR million)



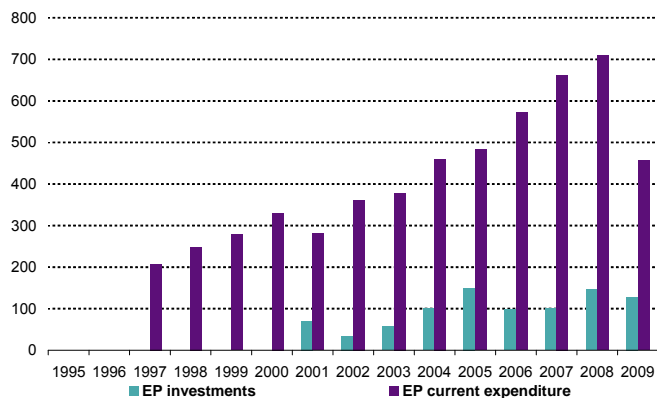
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure HU8 : Specialised producers' EPE, 2001-2009 (% of investments plus compensation of employees and intermediate consumption of business activities)



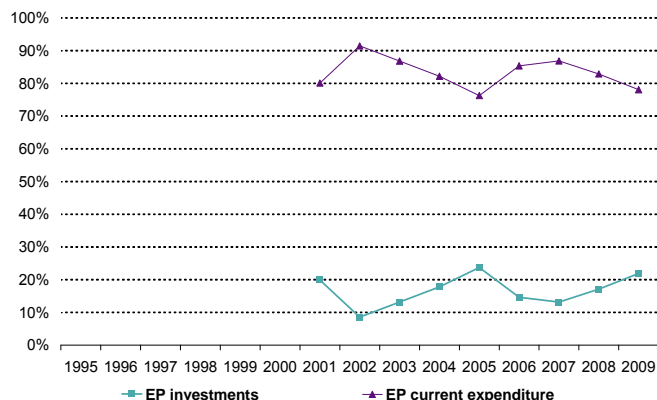
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure HU9:** Specialised producers' EP investments and current expenditures, 1997-2009 (EUR million)



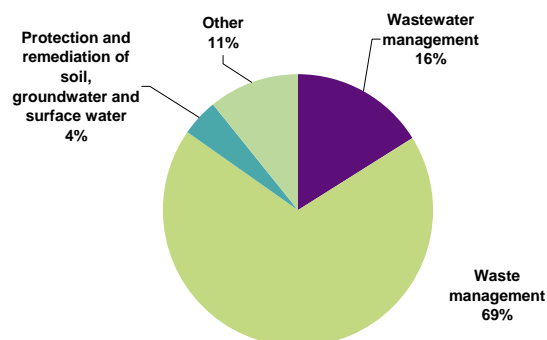
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU10:** Specialised producers' EP investments and current expenditures, 2001-2009 (% of specialised producers' EPE)



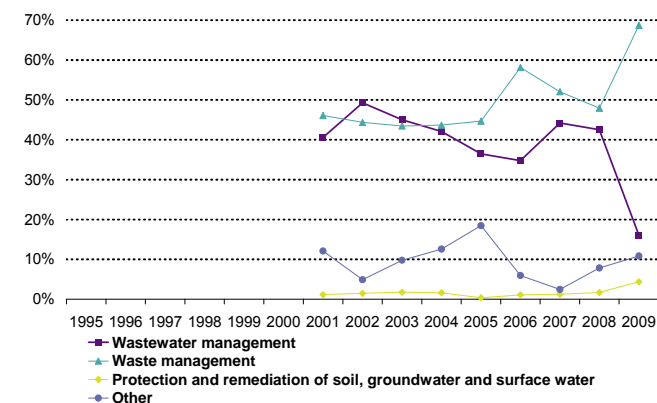
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



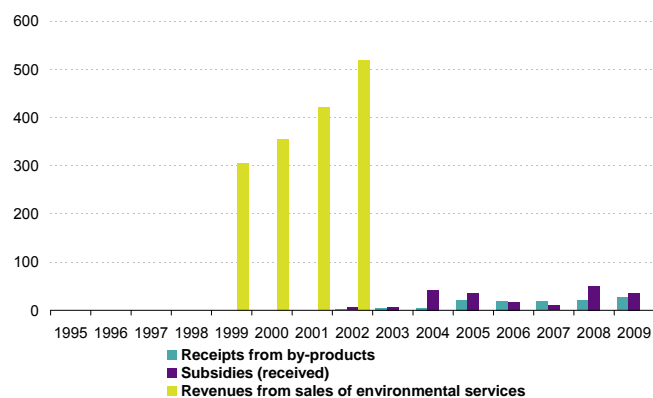
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure HU12:** Specialised producers' EPE by environmental domain, 2001-2009 (% of specialised producers' EPE)



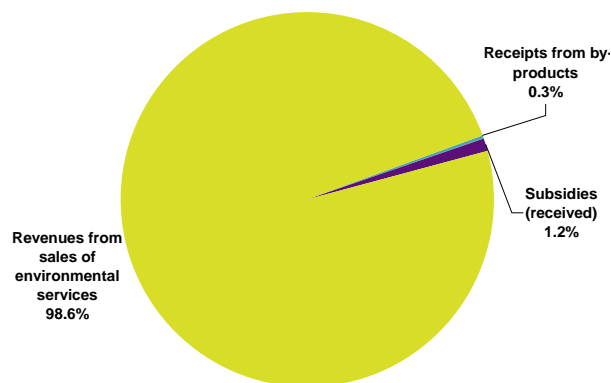
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1999-2009 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2002 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

Table HU3 Environmental protection expenditure by industry, 2009

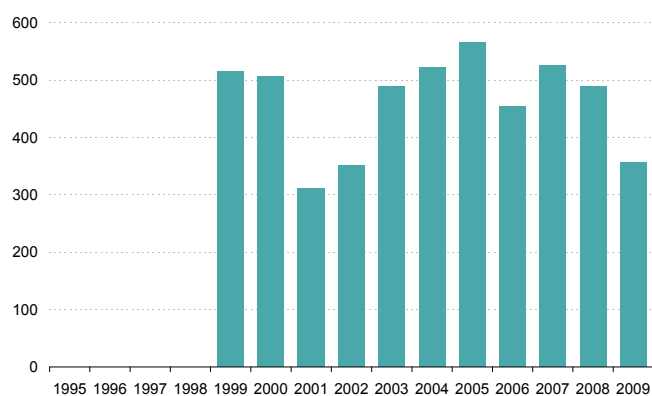
Industry	2009 (EUR million)
EPE	356.54
Pollution treatment investments	74.36
Pollution prevention investments	16.12
Investments	90.48
In-house current expenditure	112.29
Fees and purchases	153.77
Total current expenditure	266.06
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	:
Expenditure II	:

Industry	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.38%	35.54

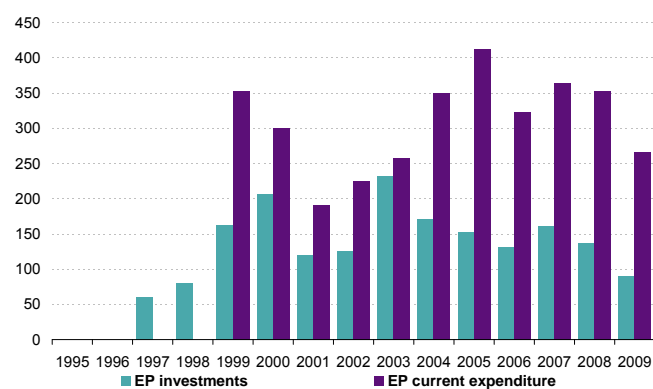
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure HU15 : Industry's EPE, 1999-2009  
(EUR million)



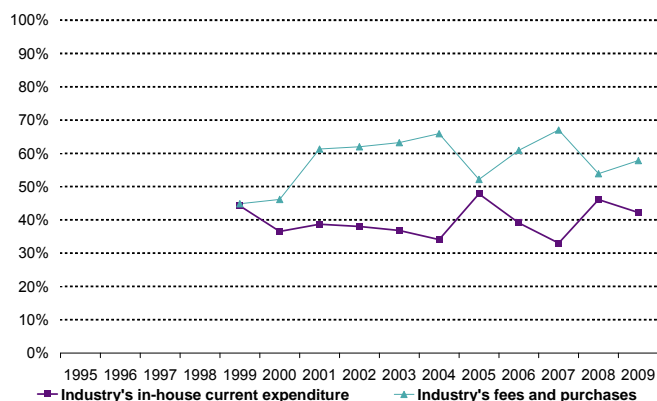
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure HU16 : Industry's EP investments and current expenditures, 1997-2009  
(EUR million)



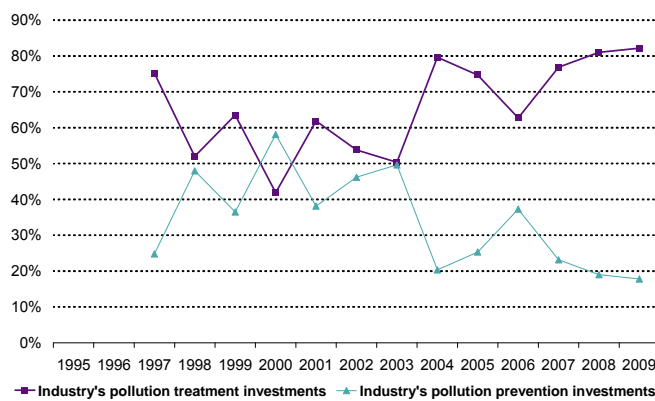
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU17** : Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1999-2009  
(% of industry's EP current expenditure)



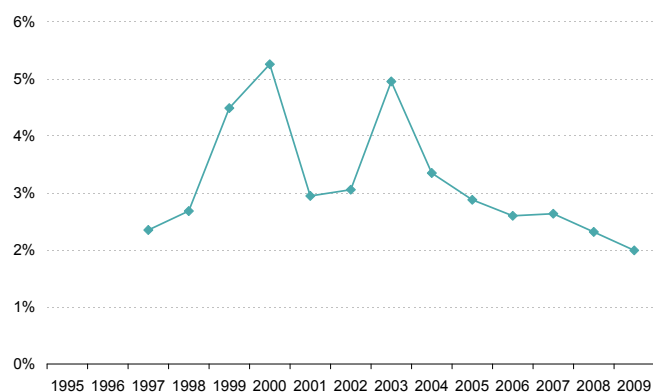
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU18** : Industry's environmental investments: pollution treatment and pollution prevention investments, 1997-2009  
(% of industry's EP investments)



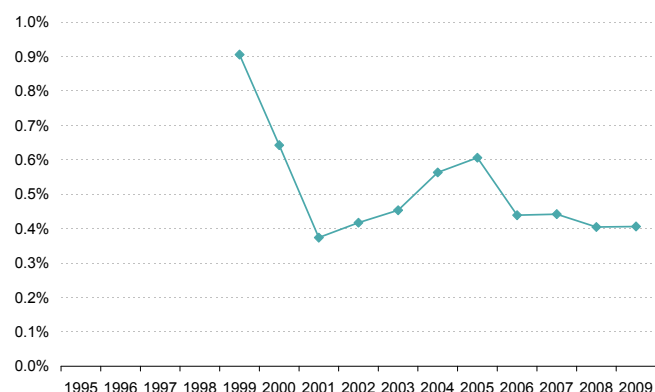
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU19** : Industry's EP investments, 1997-2009  
(% of industry's GFCF)



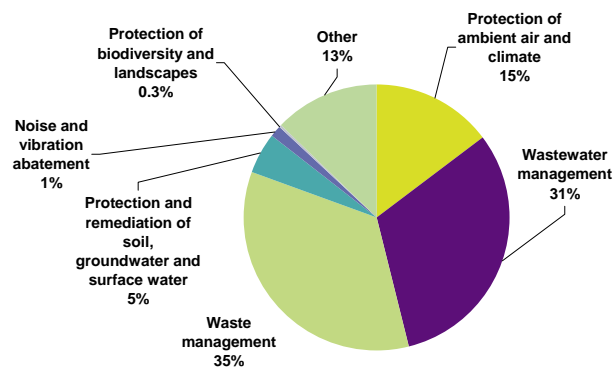
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure HU20** : Industry's EP current expenditure, 1999-2009  
(% of industry's compensation of employees plus intermediate consumption)



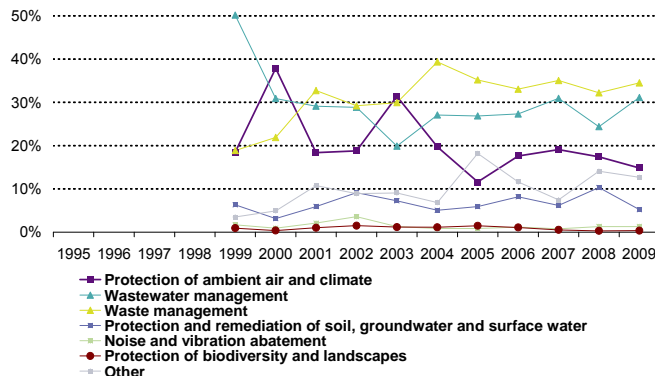
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure HU21** : Industry's EPE by environmental domain, 2009  
(% of industry's EPE)



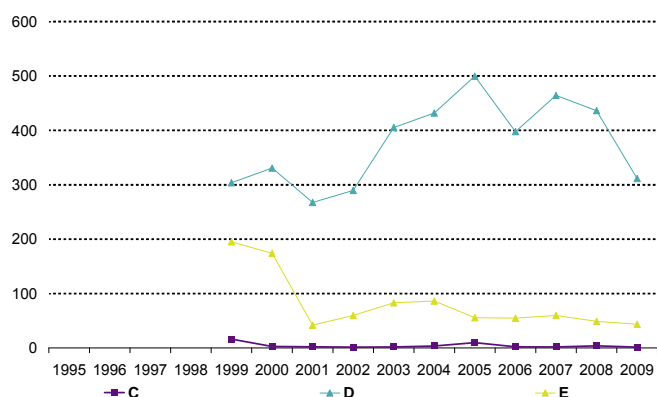
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure HU22** : Industry's EPE by environmental domain, 1999-2009  
(% of industry's EPE)



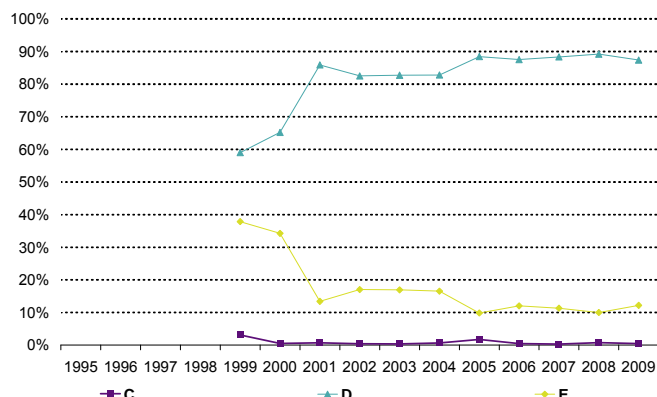
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU23 : Industry's EPE by sector, 1999-2009**  
(EUR million)



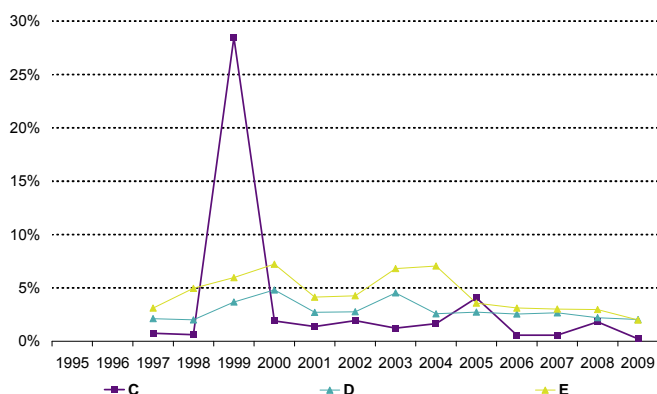
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU24 : Industry's EPE by sector, 1999-2009**  
(% of industry's EPE)



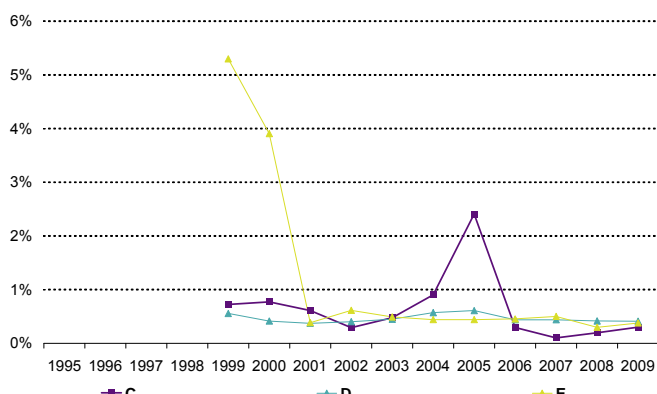
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure HU25 : Industry's investments by sector, 1997-2009**  
(% of GFCF)



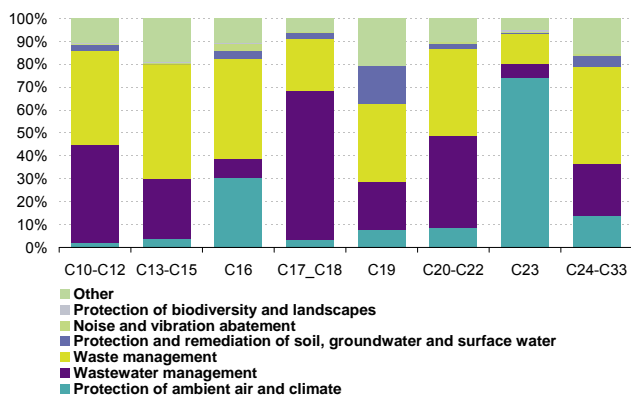
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure HU26 : Industry's current expenditures by sector, 1999-2009**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure HU27 : EPE in manufacturing subsectors by environmental domain, 2009**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

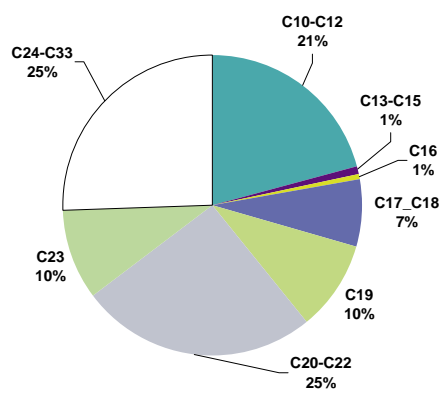
C10-C12: food products, tobacco and beverages

C13-C15: textile and leather products

C16: wood products

C17-C18: pulp, paper products, publishing and printing and

**Figure HU28 : EPE in manufacturing subsectors, 2009**  
(% of total manufacturing's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

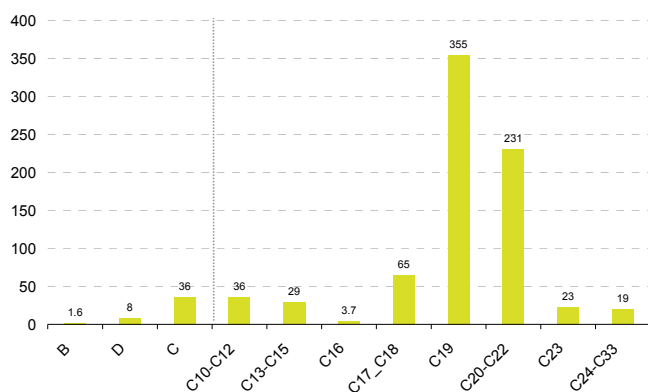
C20-C22: chemical, pharmaceutical, rubber and plastic products

C23: other non-metallic mineral products

C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical

reproduction of recorded media  
C19: coke and refined petroleum products

**Figure HU29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

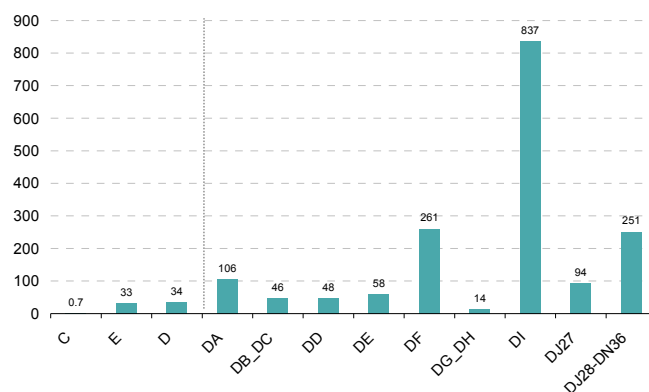


Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

B: Mining and quarrying  
D: Electricity, gas supply  
C: Manufacturing  
C10-C12: food products, tobacco and beverages  
C13-C15: textile and leather products  
C16: wood products  
C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media  
C19: coke and refined petroleum products  
C20-C22: chemical, pharmaceutical, rubber and plastic products  
C23: other non-metallic mineral products  
C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure HU30** : Industry's EPE for air protection and industry's GHG emissions, 2005 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

C: Mining and quarrying  
D: Manufacturing  
DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products  
DE: pulp, paper products, publishing and printing  
DF: coke, refined petroleum and nuclear fuel  
DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals  
DJ28\_DN36: metal products, machinery and equipment  
E: Electricity, gas and water supply



## Malta

## Public sector

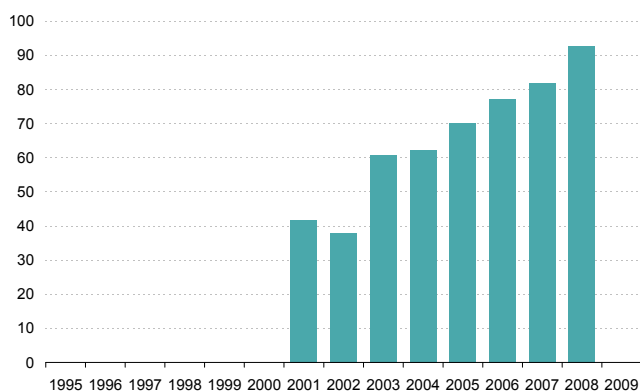
Table MT1 Environmental protection expenditure in the public sector, 2008

<b>Public sector</b>	<b>2008</b> (EUR million)
EPE	92.85
Investments	30.81
In-house current expenditure	53.27
Fees and purchases	0.00
Total current expenditure	53.27
Receipts from by-products	:
Subsidies/transfers (given)	8.77
Revenues	:
Expenditure I	84.08
Expenditure II	92.85

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	1.57%	226.31

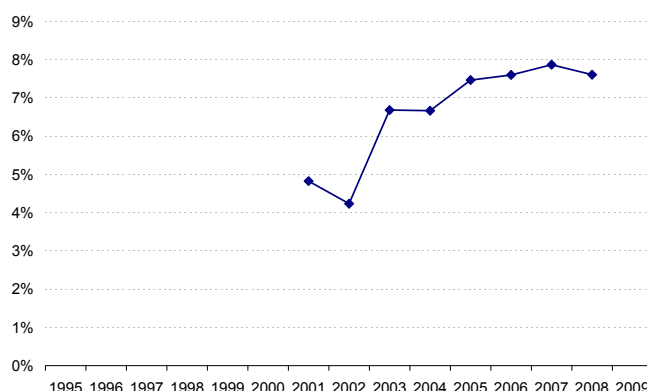
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure MT1 : Public sector's EPE, 2001-2008**  
(EUR million)



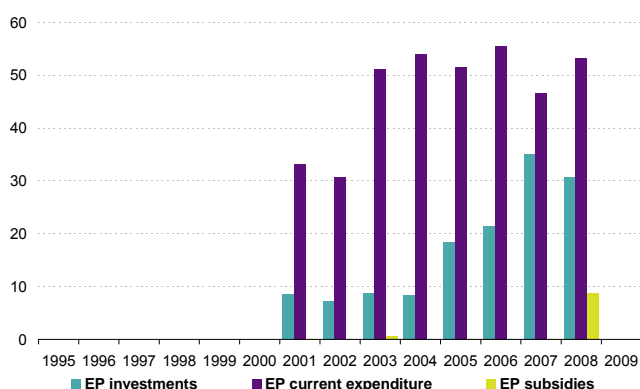
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure MT2 : Public sector's EPE, 2001-2008**  
(% of final consumption expenditure of general government)



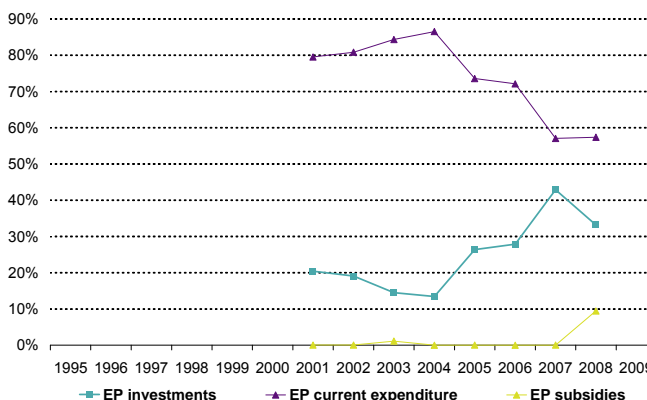
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure MT3 : Public sector's EP investments, current expenditures and subsidies, 2001-2008**  
(EUR million)



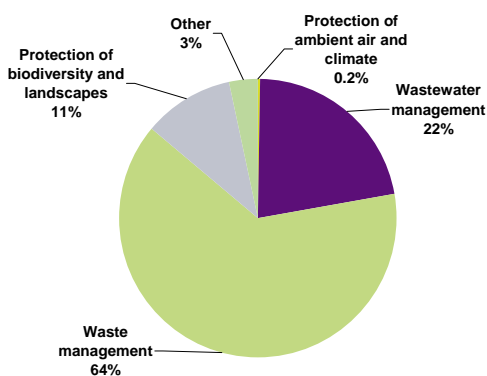
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure MT4 : Public sector's EP investments, current expenditures and subsidies, 2001-2008**  
(% of public sector's EPE)



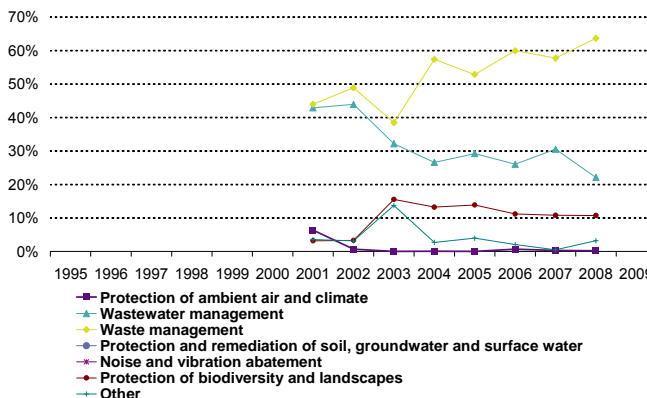
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure MT5 : Public sector's EPE by environmental domain, 2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure MT6 : Public sector's EPE by environmental domain, 2001-2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## The Netherlands

### Public sector

**Table NL1** Environmental protection expenditure in the public sector, 2007

<b>Public sector</b>	<b>2007</b> (EUR million)	
EPE	9 022.57	
Investments	1 711.50	
In-house current expenditure	4 985.39	
Fees and purchases	1 714.20	
Total current expenditure	6 699.59	
Receipts from by-products	267.56	
Subsidies/transfers (given)	611.48	
Revenues	6 579.60	
Expenditure I	6 429.33	
Expenditure II	2 175.41	

<b>Public sector</b>	<b>2007</b>	
	(% of GDP)	(EUR per capita)
EPE	1.58%	551.57

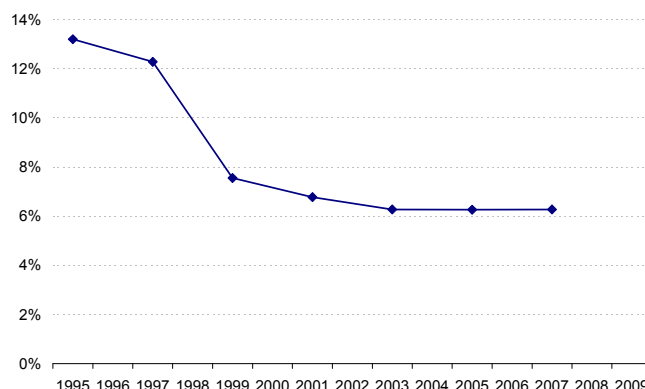
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure NL1 : Public sector's EPE, 1995-2007**  
(EUR million)



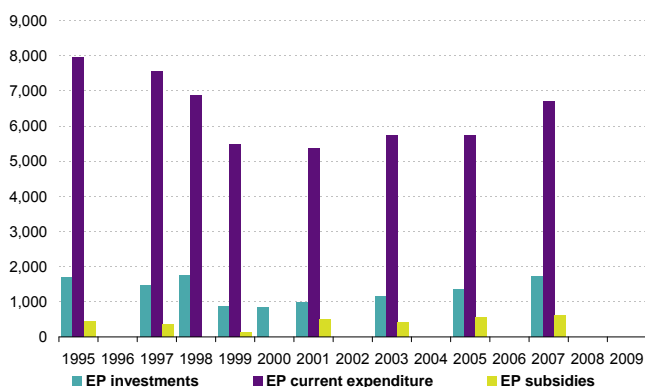
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL2 : Public sector's EPE, 1995-2007**  
(% of final consumption expenditure of general government)



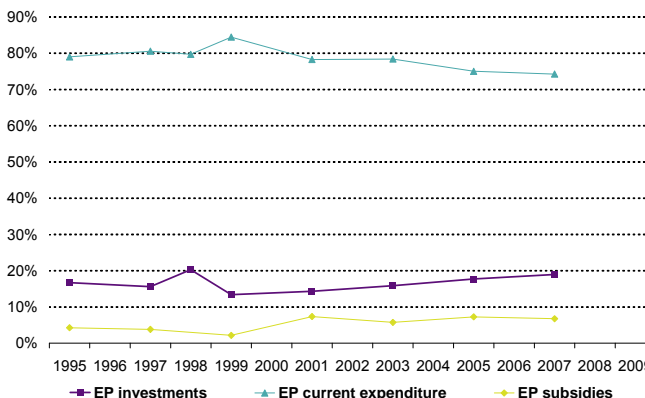
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure NL3 : Public sector's EP investments, current expenditures and subsidies, 1995-2007**  
(EUR million)



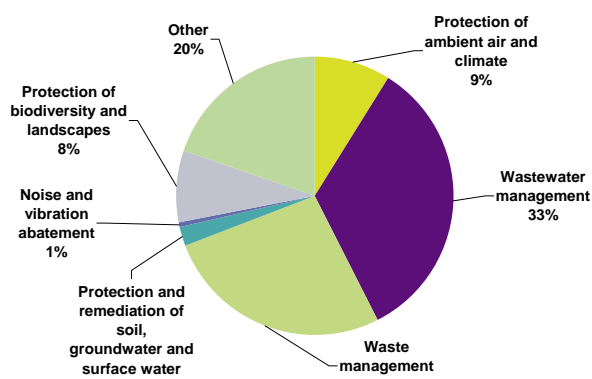
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL4 : Public sector's EP investments, current expenditures and subsidies, 1995-2007**  
(% of public sector's EPE)



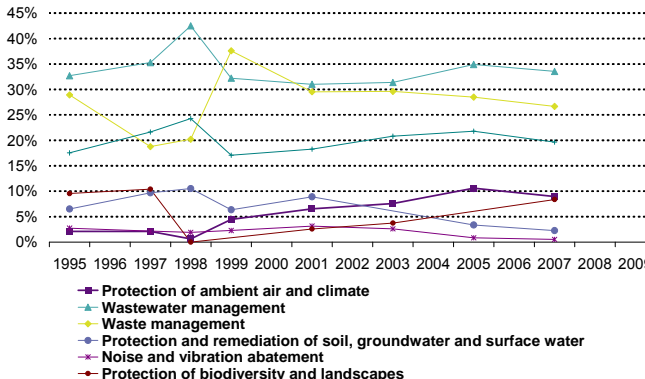
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL5 : Public sector's EPE by environmental domain, 2007**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL6 : Public sector's EPE by environmental domain, 1995-2007**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers\*

Table NL2 Environmental protection expenditure of the specialised producers, 2007

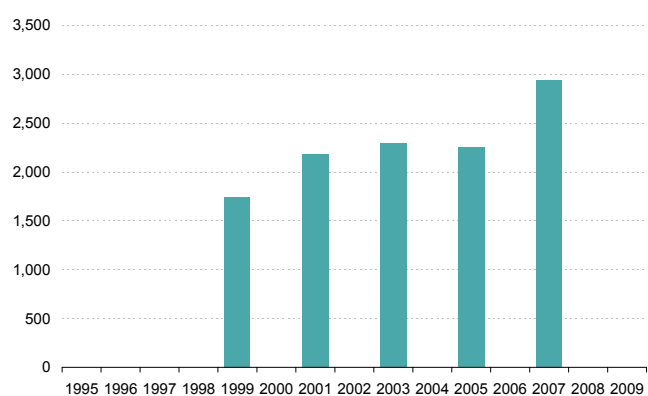
Specialised producers	2007 (EUR million)
EPE	2 943.20
Investments	507.30
In-house current expenditure	2 393.90
Fees and purchases	42.00
Total current expenditure	2 435.90
Receipts from by-products	243.10
Subsidies/transfers (received)	:
Revenues	2 760.50
Expenditure I	3 144.30
Expenditure II	-60.40

Specialised producers	2007 (% of GDP)	2007 (EUR per capita)
EPE	0.51%	179.92

\* Only private specialised producers are included.

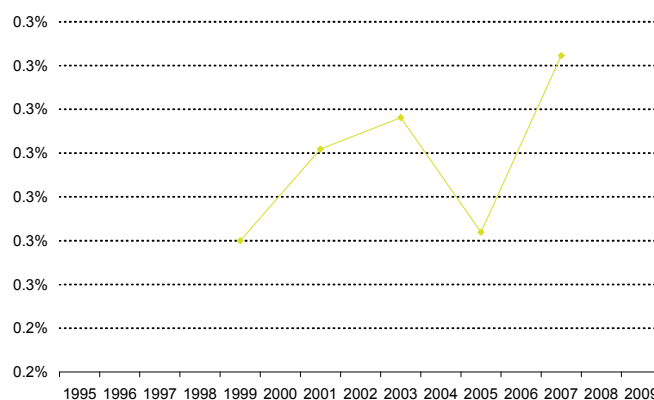
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure NL7 : Specialised producers' EPE, 1999-2007 (EUR million)



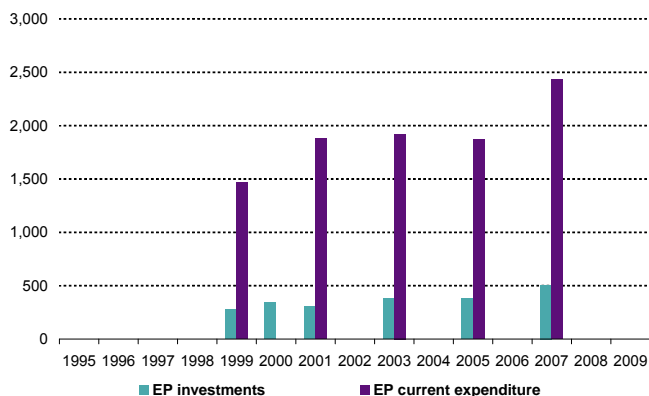
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure NL8 : Specialised producers' EPE, 1999-2007 (% of investments plus compensation of employees and intermediate consumption of business activities)



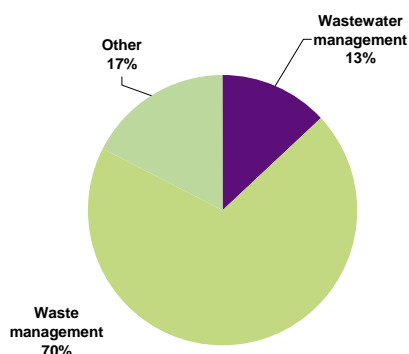
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure NL9:** Specialised producers' EP investments and current expenditures, 1999-2007 (EUR million)



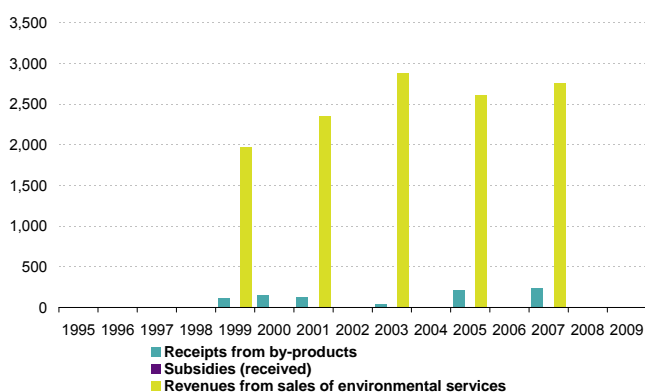
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL11:** Specialised producers' EPE by environmental domain, 2007 (% of specialised producers' EPE)



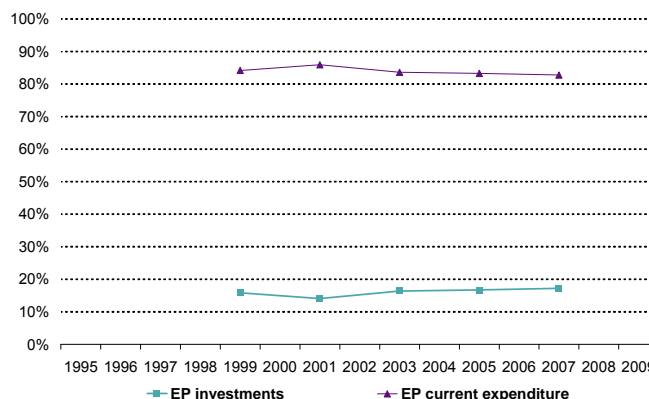
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1999-2007 (EUR million)



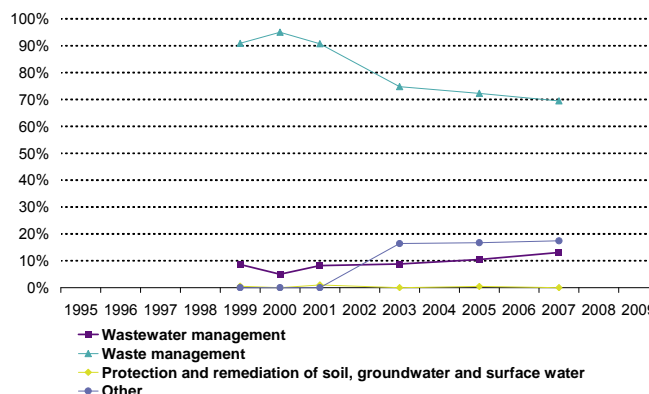
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL10:** Specialised producers' EP investments and current expenditures, 1999-2007 (% of specialised producers' EPE)



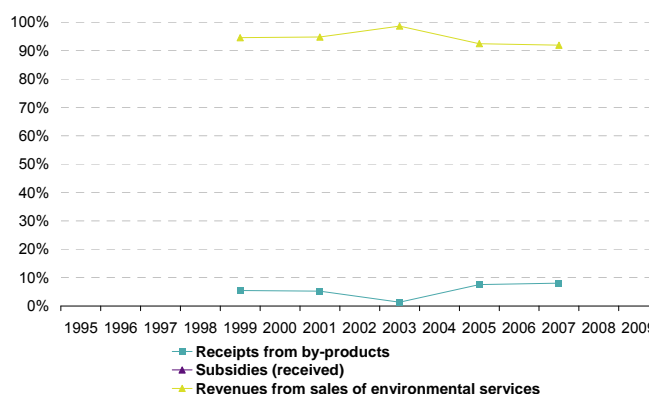
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL12:** Specialised producers' EPE by environmental domain, 1999-2007 (% of specialised producers' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1999-2007 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

Table NL3 Environmental protection expenditure by industry, 2007

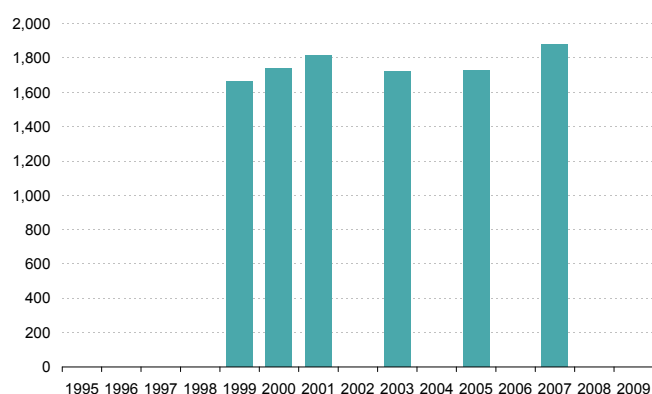
Industry	2007 (EUR million)
EPE	1 876.28
Pollution treatment investments	256.40
Pollution prevention investments	205.90
Investments	462.38
In-house current expenditure	855.70
Fees and purchases	558.05
Total current expenditure	1 413.90
Receipts from by-products	:
Subsidies/transfers (received)	393.20
Expenditure I	1 318.08
Expenditure II	1 482.94

Industry	2007 (% of GDP)	2007 (EUR per capita)
EPE	0.33%	114.70

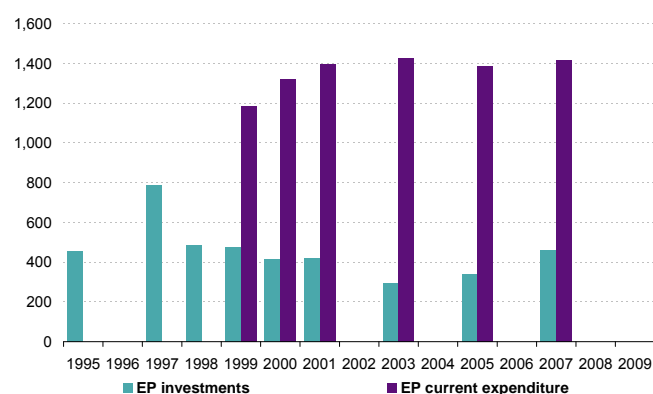
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure NL15: Industry's EPE, 1999-2007  
(EUR million)



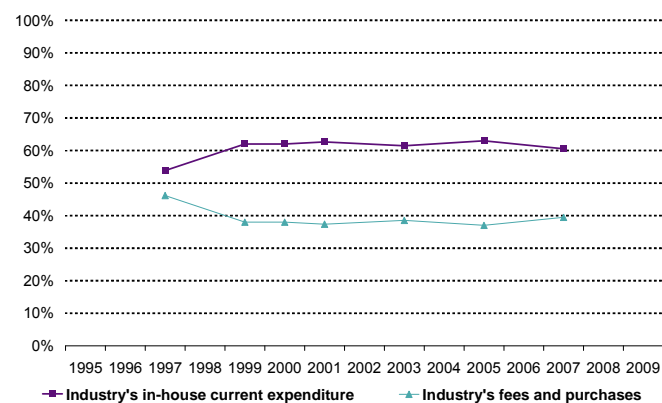
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure NL16: Industry's EP investments and current expenditures, 1995-2007  
(EUR million)



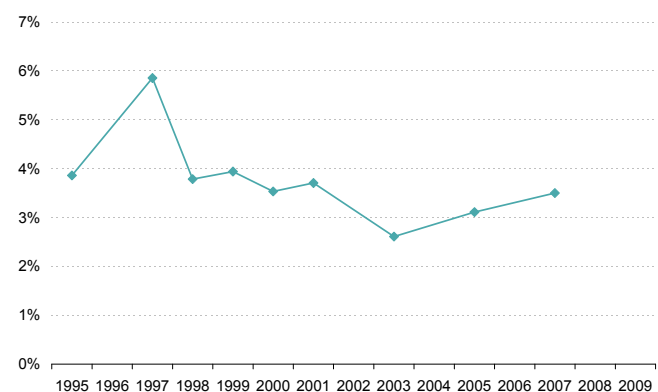
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1997-2007  
(% of industry's EP current expenditure)



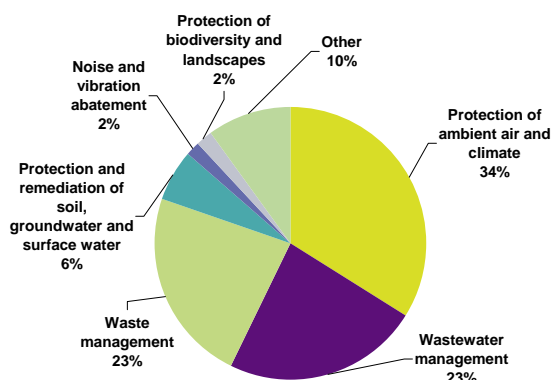
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL19 :** Industry's EP investments, 1995-2007  
(% of industry's GFCF)



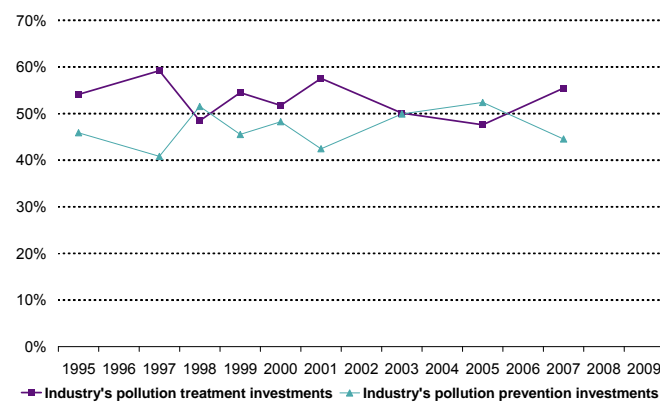
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure NL21 :** Industry's EPE by environmental domain, 2007  
(% of industry's EPE)



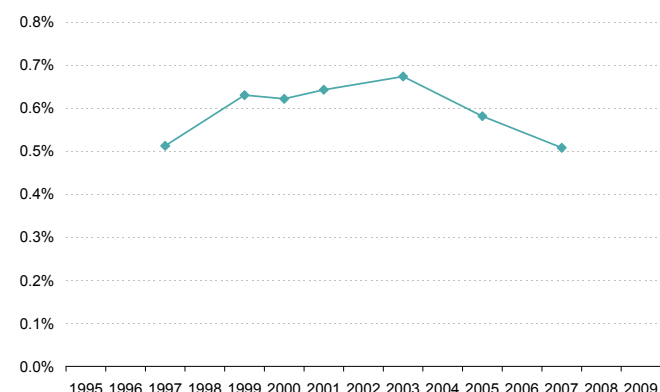
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1995-2007  
(% of industry's EP investments)



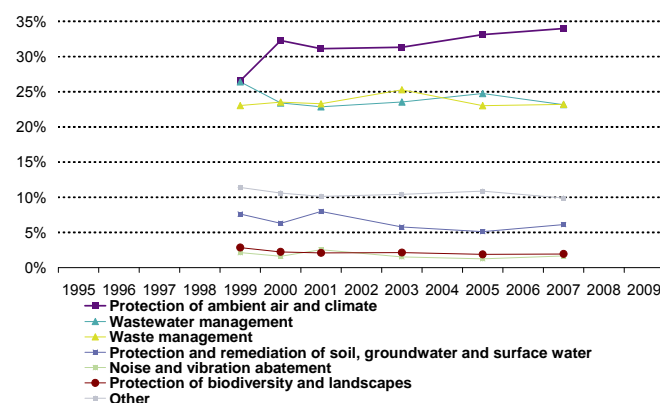
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL20 :** Industry's EP current expenditure, 1997-2007  
(% of industry's compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

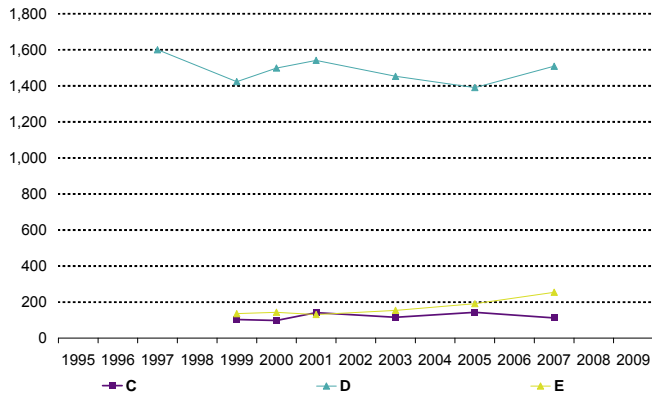
**Figure NL22 :** Industry's EPE by environmental domain, 1999-2007  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

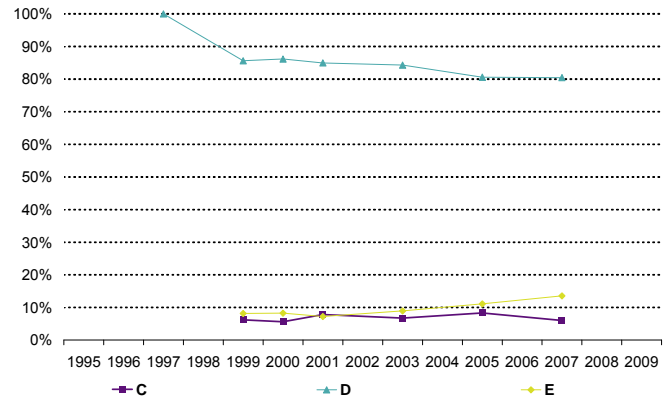


**Figure NL23 : Industry's EPE by sector, 1997-2007**  
(EUR million)



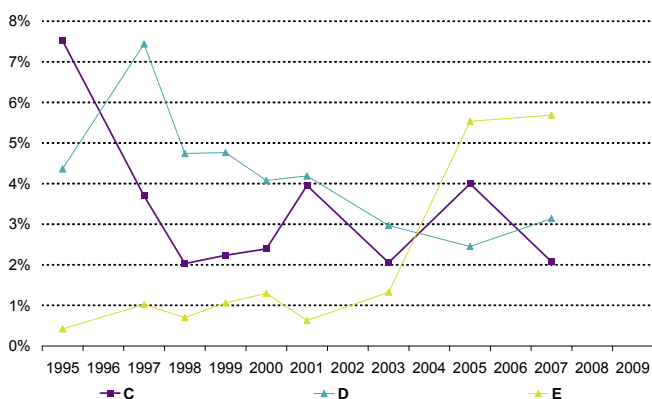
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL24 : Industry's EPE by sector, 1997-2007**  
(% of industry's EPE)



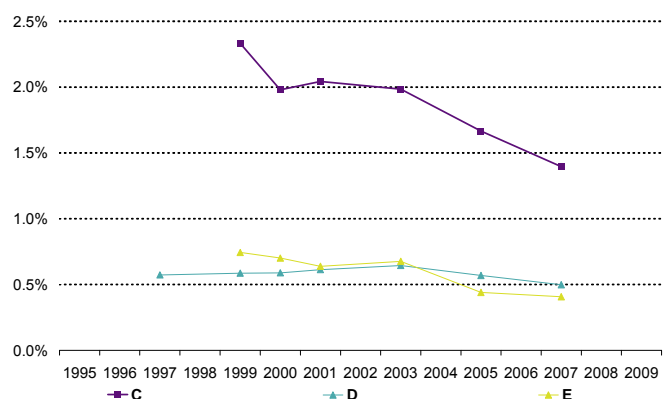
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NL25 : Industry's investments by sector, 1995-2007,**  
(% of GFCF)



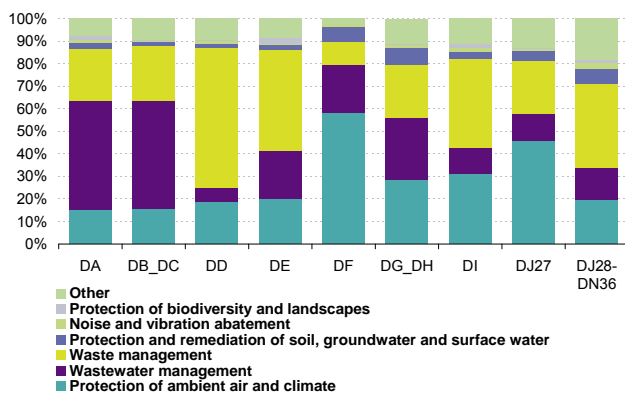
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure NL26 : Industry's current expenditures by sector, 1997-2007**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

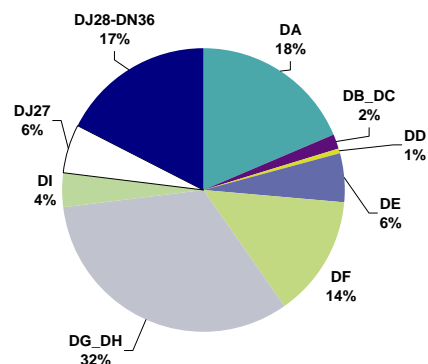
**Figure NL27 : EPE in manufacturing subsectors by environmental domain, 2007**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products

**Figure NL28 : EPE in manufacturing subsectors, 2007**  
(% of total manufacturing's EPE)

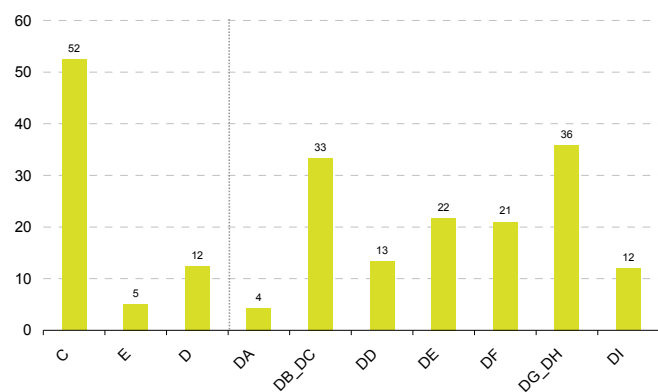


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals

DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel

**Figure NL29** : Industry's EPE for waste management and industry's waste generation, 2008\* (EUR/tonne)

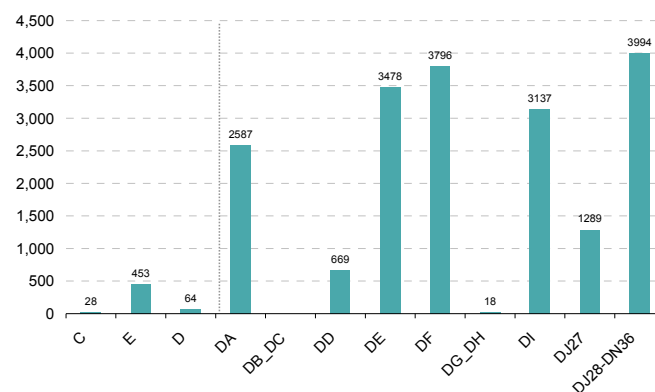


\*EPE for waste management refers to 2007.  
 Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing

DJ28\_DN36: metal products, machinery and equipment

**Figure NL30** : Industry's EPE for air protection and industry's GHG emissions, 2005 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply

## Austria

## Public sector\*

Table AT1 Environmental protection expenditure in the public sector, 2007

<b>Public sector</b>	<b>2007</b> (EUR million)	
EPE	2 047.34	
Investments	113.72	
In-house current expenditure	1 227.10	
Fees and purchases	29.35	
Total current expenditure	1 256.45	
Receipts from by-products	:	
Subsidies/transfers (given)	677.17	
Revenues	1 114.64	
Expenditure I	1 340.83	
Expenditure II	932.71	

<b>Public sector</b>	<b>2007</b>	
	(% of GDP)	(EUR per capita)
EPE	0.75%	247.17

\* For all the public sector's data, AT reports a break in series between 1996 and 1997 due to a change in the data collection methodology.

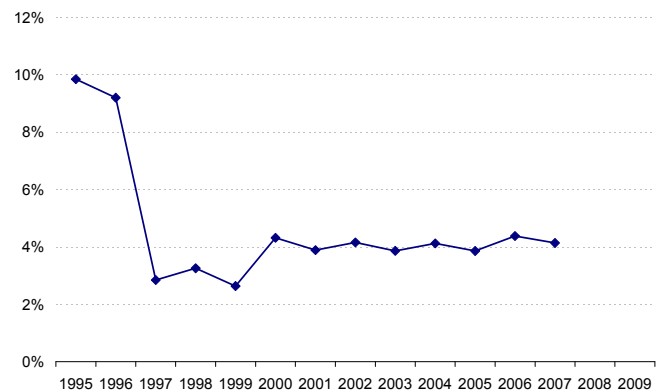
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure AT1 : Public sector's EPE, 1995-2007**  
(EUR million)



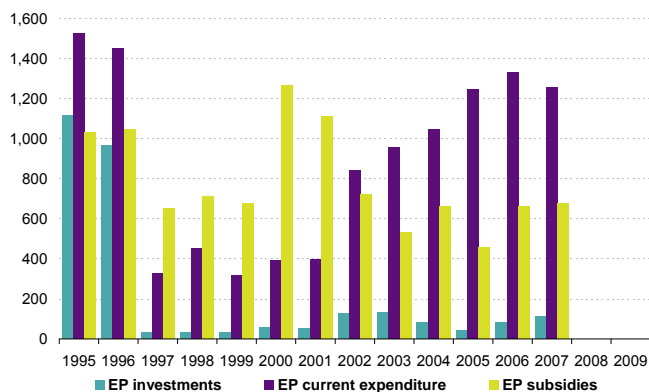
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT2 : Public sector's EPE, 1995-2007**  
(% of final consumption expenditure of general government)



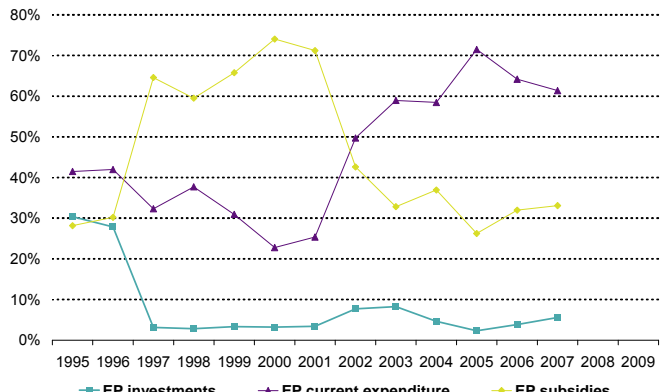
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure AT3 : Public sector's EP investments, current expenditures and subsidies, 1995-2007**  
(EUR million)



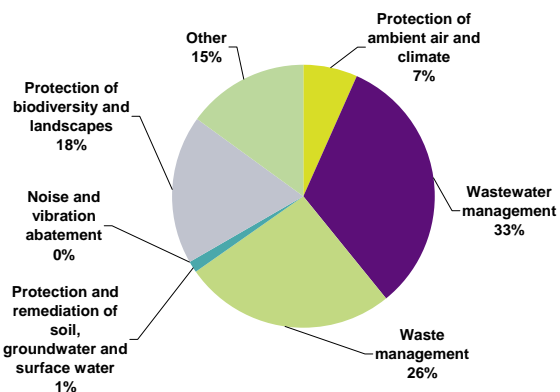
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT4 : Public sector's EP investments, current expenditures and subsidies, 1995-2007**  
(% of public sector's EPE)



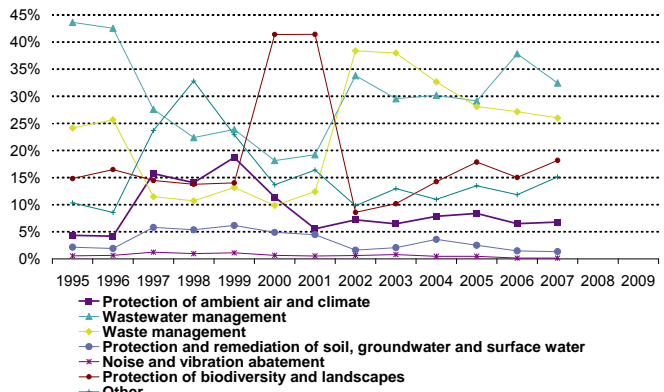
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT5 : Public sector's EPE by environmental domain, 2007**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT6 : Public sector's EPE by environmental domain, 1995-2007**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

Table AT2 Environmental protection expenditure of the specialised producers, 2007

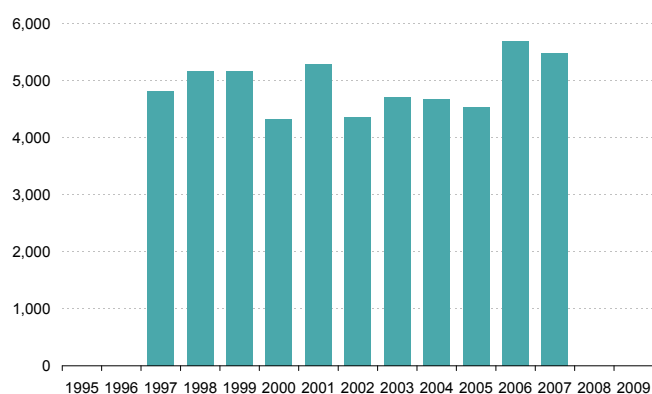
Specialised producers	2007 (EUR million)
EPE	5 481.24
Investments	1 050.57
In-house current expenditure	4 393.39
Fees and purchases	37.28
Total current expenditure	4 430.67
Receipts from by-products	202.59
Subsidies/transfers (received)	456.03
Revenues	3 182.95
Expenditure I	5 241.38
Expenditure II	1 639.68

Specialised producers	2007 (% of GDP)	2007 (EUR per capita)
EPE	2.02%	661.75

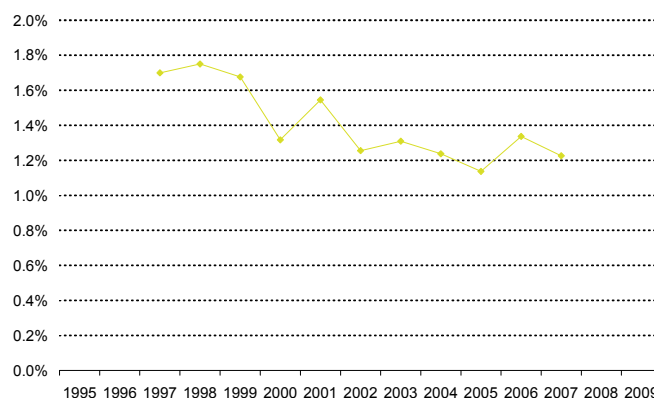
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure AT7 : Specialised producers' EPE, 1997-2007 (EUR million)



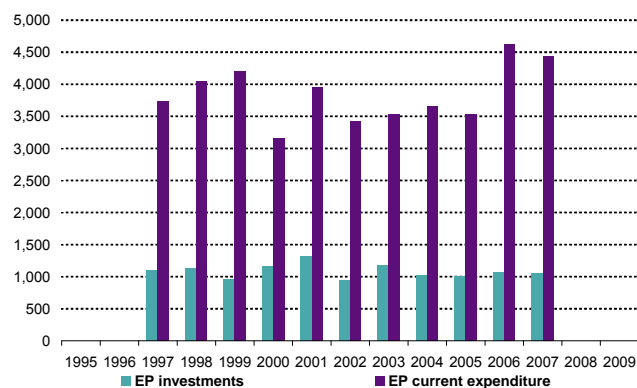
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure AT8 : Specialised producers' EPE, 1997-2007 (% of investments plus compensation of employees and intermediate consumption of business activities)



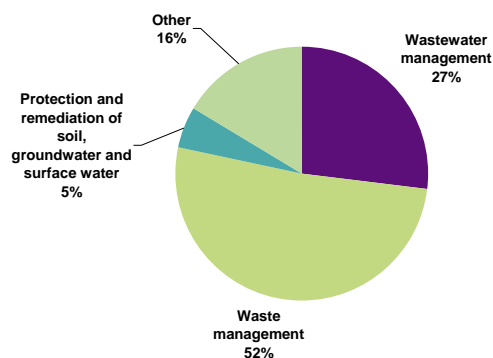
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure AT9:** Specialised producers' EP investments and current expenditures, 1997-2007 (EUR million)



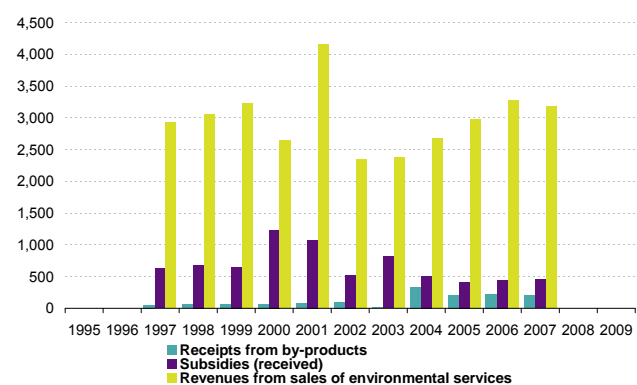
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT11:** Specialised producers' EPE by environmental domain, 2007 (% of specialised producers' EPE)



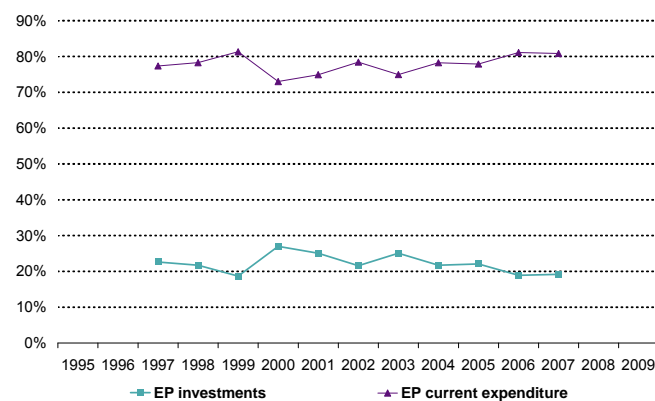
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1997-2007 (EUR million)



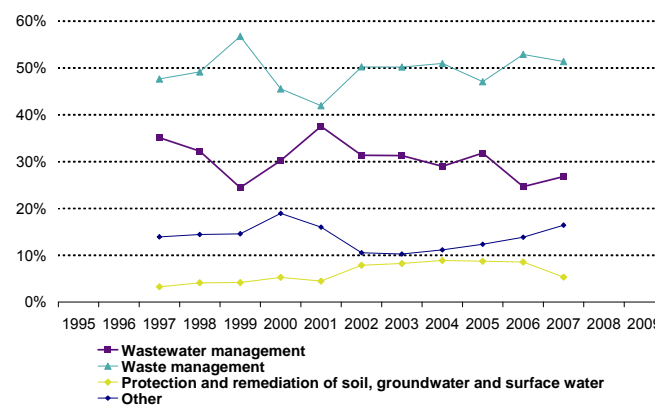
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT10:** Specialised producers' EP investments and current expenditures, 1997-2007 (% of specialised producers' EPE)



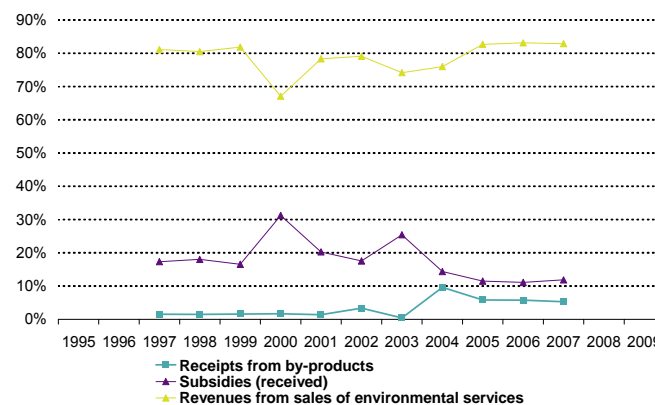
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT12:** Specialised producers' EPE by environmental domain, 1997-2007 (% of specialised producers' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1997-2007 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

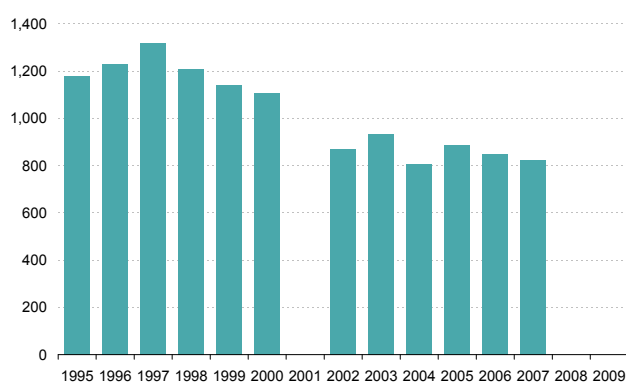
Table AT3 Environmental protection expenditure by industry, 2007

Industry	2007 (EUR million)
EPE	822.43
Pollution treatment investments	130.48
Pollution prevention investments	79.84
Investments	210.32
In-house current expenditure	536.67
Fees and purchases	75.44
Total current expenditure	612.11
Receipts from by-products	46.96
Subsidies/transfers (received)	120.44
Expenditure I	700.03
Expenditure II	655.04

Industry	2007 (% of GDP)	2007 (EUR per capita)
EPE	0.30%	99.29

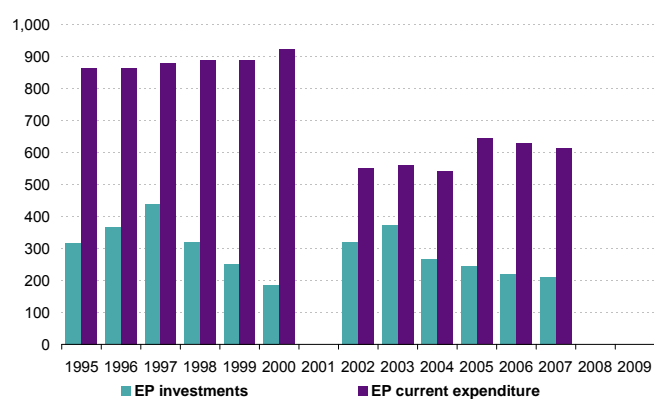
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure AT15 : Industry's EPE, 1995-2007  
(EUR million)



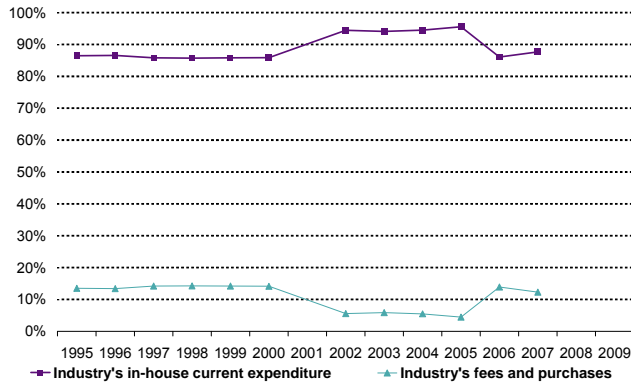
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure AT16 : Industry's EP investments and current expenditures, 1995-2007  
(EUR million)



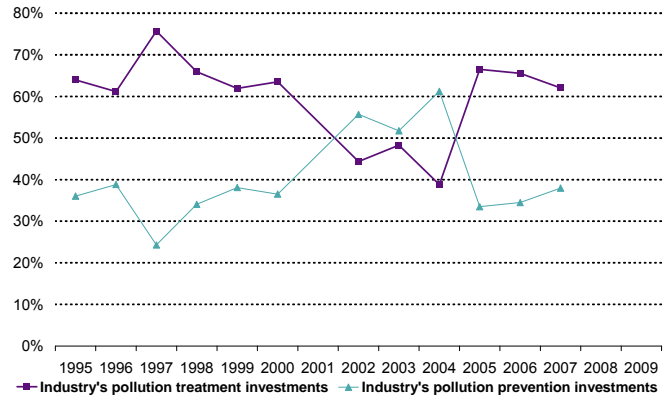
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1995-2007  
(% of industry's EP current expenditure)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1995-2007  
(% of industry's EP investments)



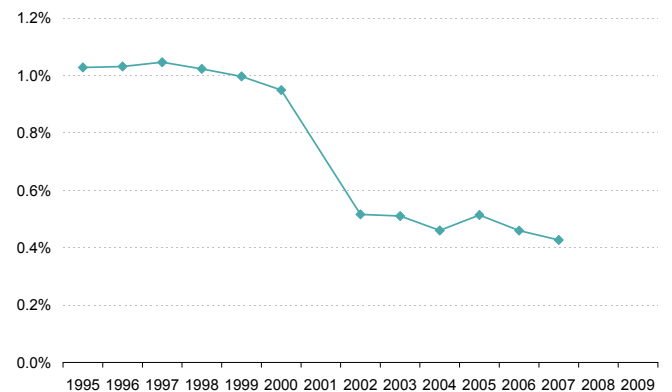
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT19 :** Industry's EP investments, 1995-2007  
(% of industry's GFCF)



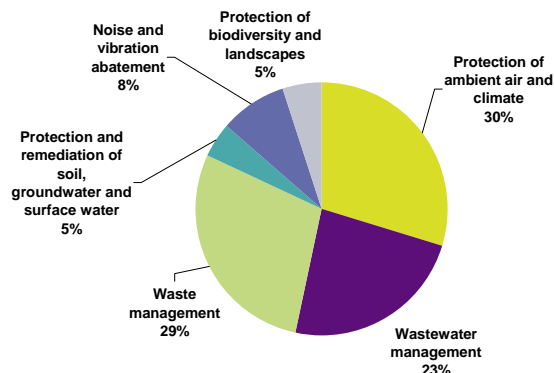
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure AT20 :** Industry's EP current expenditure, 1995-2007  
(% of industry's compensation of employees plus intermediate consumption)



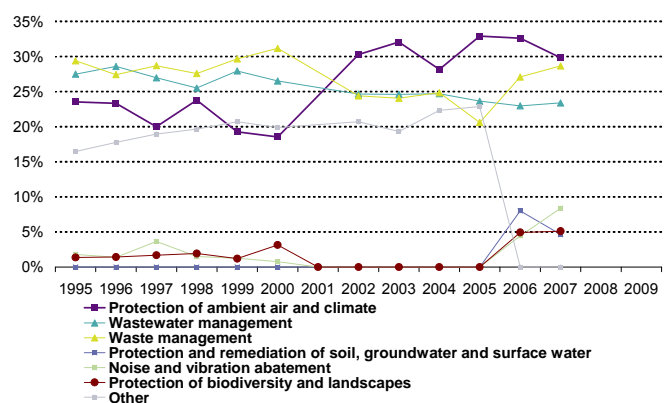
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure AT21 :** Industry's EPE by environmental domain, 2007  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

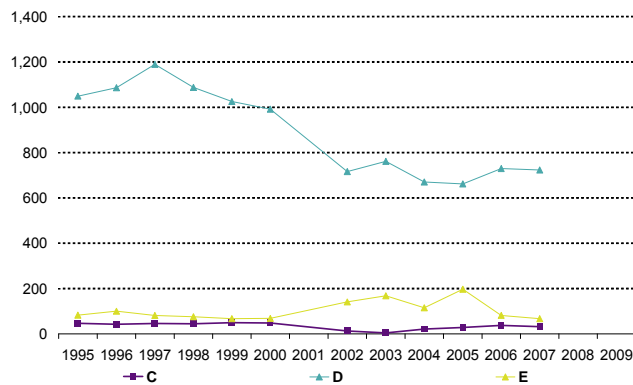
**Figure AT22 :** Industry's EPE by environmental domain, 1995-2007  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

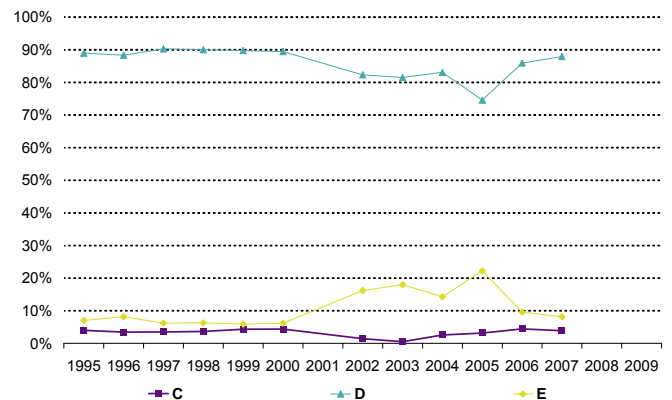


**Figure AT23 : Industry's EPE by sector, 1995-2007**  
(EUR million)



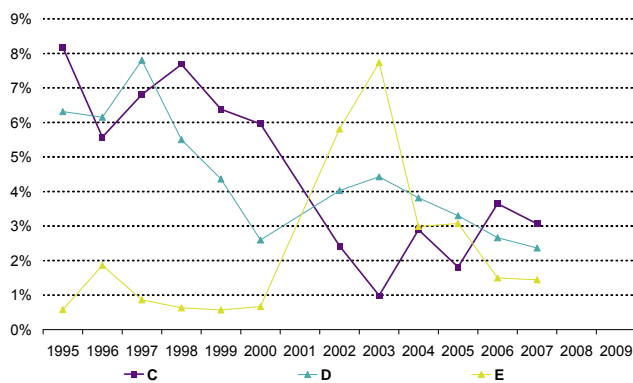
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT24 : Industry's EPE by sector, 1995-2007**  
(% of industry's EPE)



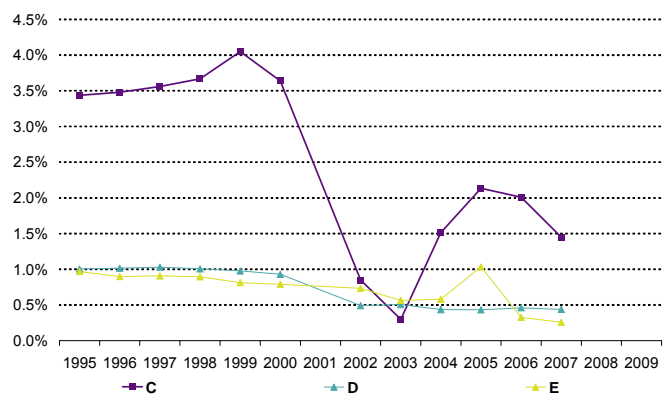
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure AT25 : Industry's investments by sector, 1995-2007**  
(% of GFCF)



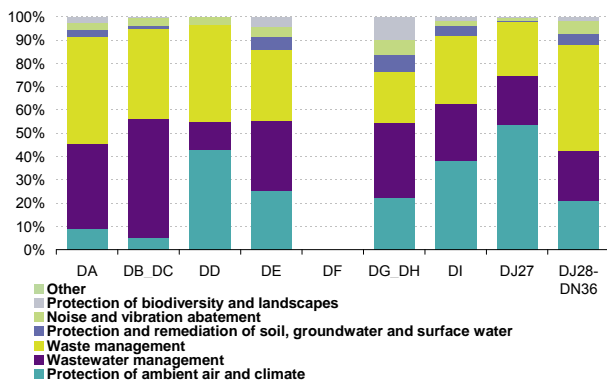
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure AT26 : Industry's current expenditures by sector, 1995-2007**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

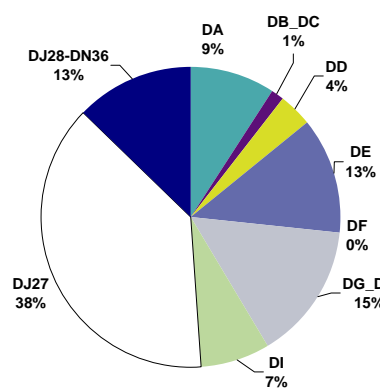
**Figure AT27 : EPE in manufacturing subsectors by environmental domain, 2007**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

- DA: food products, tobacco and beverages
- DB\_DC: textile and leather products
- DD: wood products
- DE: pulp, paper products, publishing and printing
- DF: coke, refined petroleum and nuclear fuel

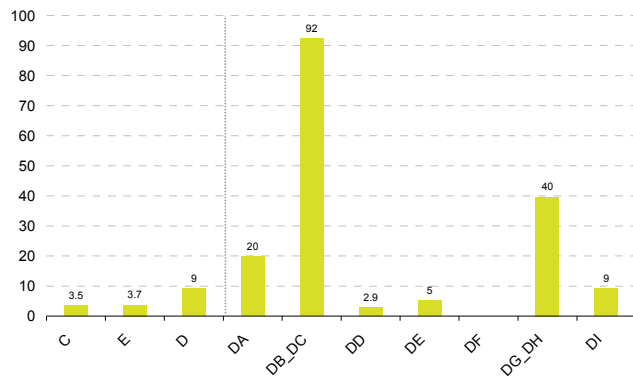
**Figure AT28 : EPE in manufacturing subsectors, 2007**  
(% of total manufacturing's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

- DG\_DH: chemicals, chemical products, rubber and plastic products
- DI: other non metallic products
- DJ27: basic metals
- DJ28\_DN36: metal products, machinery and equipment

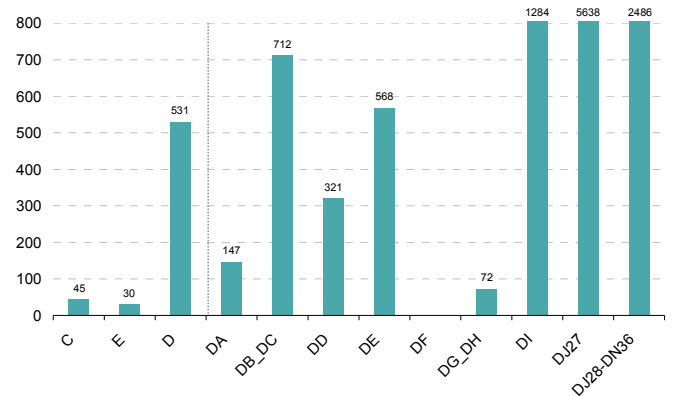
**Figure AT29** : Industry's EPE for waste management and industry's waste generation, 2006  
(EUR/tonne)



Source: Eurostat (online data code: [env\\_ac\\_exp1.env\\_wasgen](#))

C: Mining and quarrying  
D: Manufacturing  
DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products  
DE: pulp, paper products, publishing and printing

**Figure AT30** : Industry's EPE for air protection and industry's GHG emissions, 2006  
(EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1.env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel  
DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals  
DJ28\_DN36: metal products, machinery and equipment  
E: Electricity, gas and water supply

## Poland

## Public sector

Table PL1 Environmental protection expenditure in the public sector, 2009

<b>Public sector</b>	<b>2009</b> (EUR million)	
EPE	1 491.30	
Investments	981.21	
In-house current expenditure	261.75	
Fees and purchases	264.57	
Total current expenditure	526.32	
Receipts from by-products	3.80	
Subsidies/transfers (given)	-16.23	
Revenues	30.70	
Expenditure I	1 239.16	
Expenditure II	1 456.80	

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	0.48%	39.10

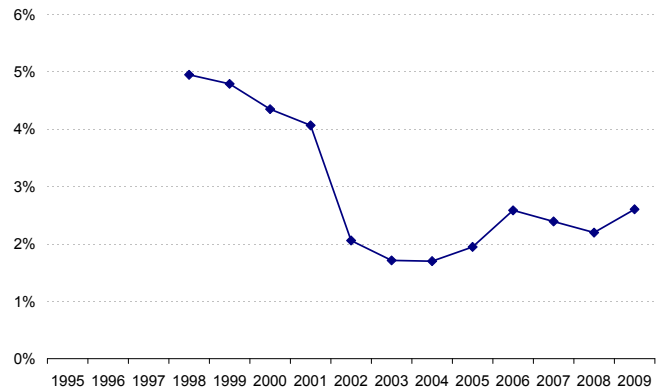
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure PL1 : Public sector's EPE, 1998-2009**  
(EUR million)



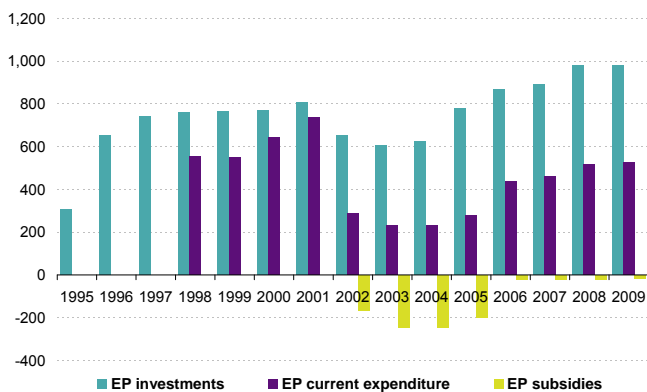
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL2 : Public sector's EPE, 1998-2009**  
(% of final consumption expenditure of general government)



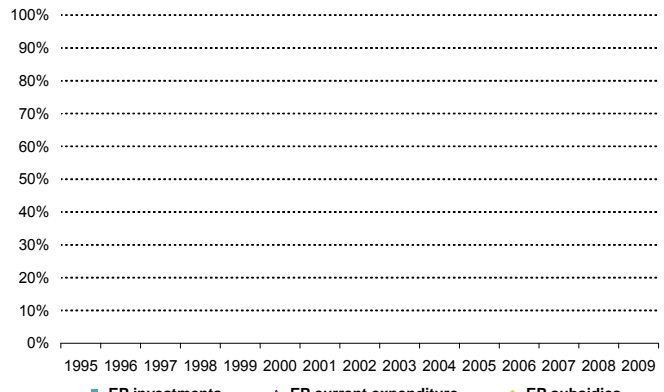
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure PL3 : Public sector's EP investments, current expenditures and subsidies, 1995-2009**  
(EUR million)



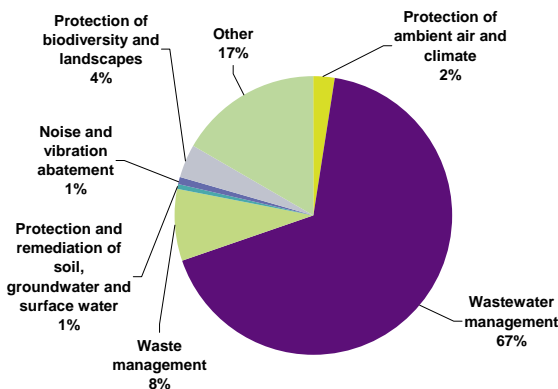
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL4 : Public sector's EP investments, current expenditures and subsidies\***  
(% of public sector's EPE)



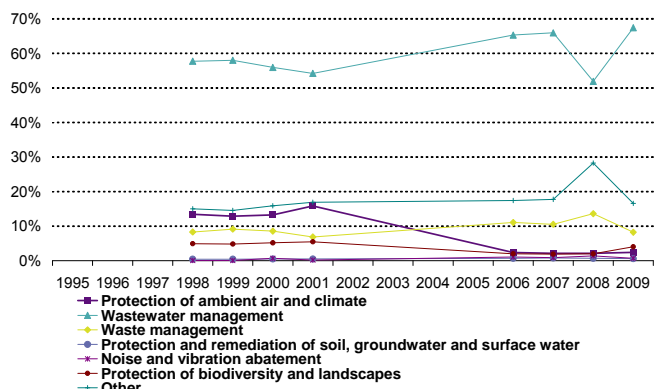
\* Data on subsidies are negative, shares cannot be calculated.

**Figure PL5 : Public sector's EPE by environmental domain, 2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL6 : Public sector's EPE by environmental domain, 1998-2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

Table PL2 Environmental protection expenditure of the specialised producers, 2009

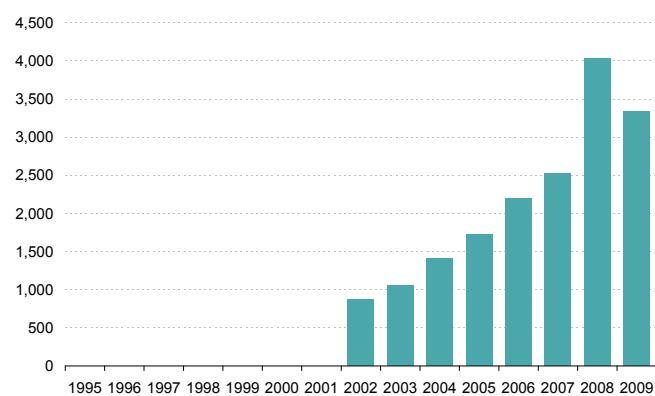
Specialised producers	2009 (EUR million)
EPE	3 336.05
Investments	172.20
In-house current expenditure	2 332.32
Fees and purchases	831.53
Total current expenditure	3 163.85
Receipts from by-products	249.77
Subsidies/transfers (received)	-114.59
Revenues	3 415.52
Expenditure I	2 254.75
Expenditure II	-214.65

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	1.07%	87.48

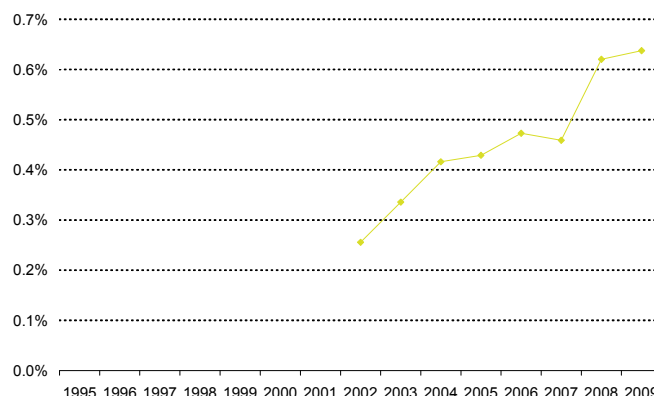
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure PL7 : Specialised producers' EPE, 2002-2009 (EUR million)



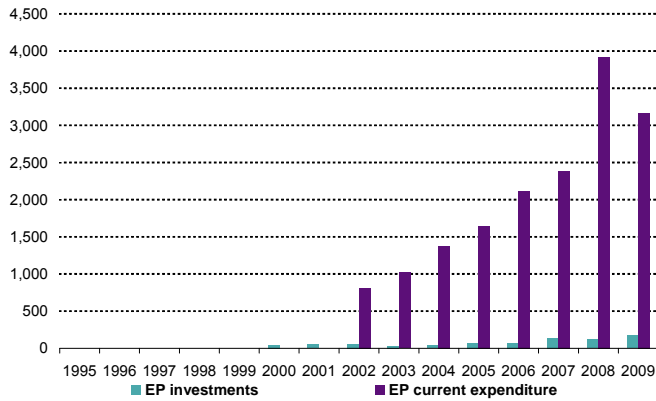
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure PL8 : Specialised producers' EPE, 2002-2009 (% of investments plus compensation of employees and intermediate consumption of business activities)



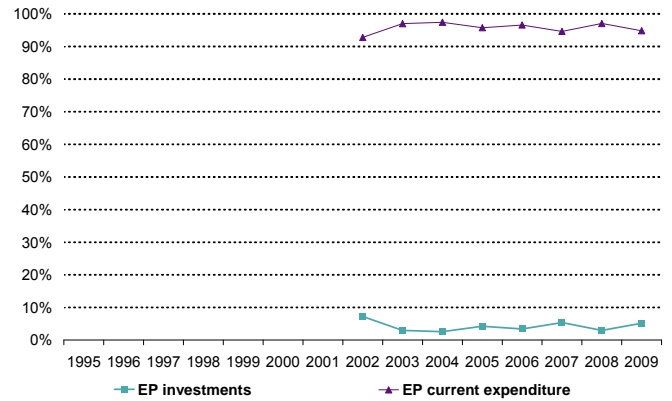
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure PL9:** Specialised producers' EP investments and current expenditures, 2000-2009 (EUR million)



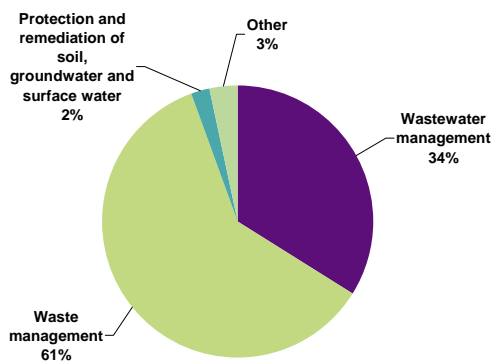
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL10:** Specialised producers' EP investments and current expenditures, 2002-2009 (% of specialised producers' EPE)



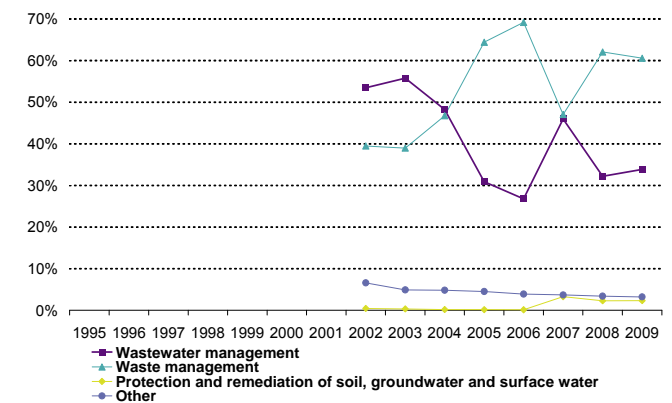
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



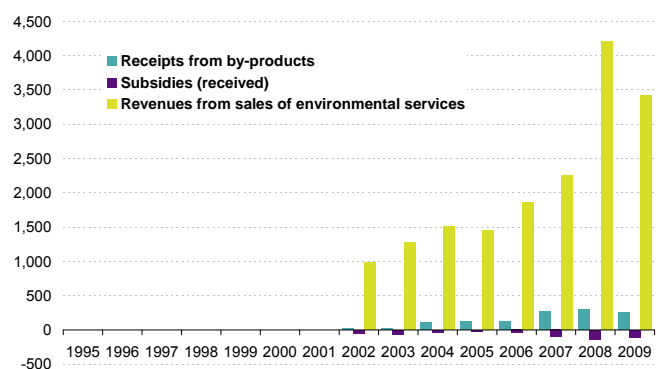
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL12:** Specialised producers' EPE by environmental domain, 2002-2009 (% of specialised producers' EPE)



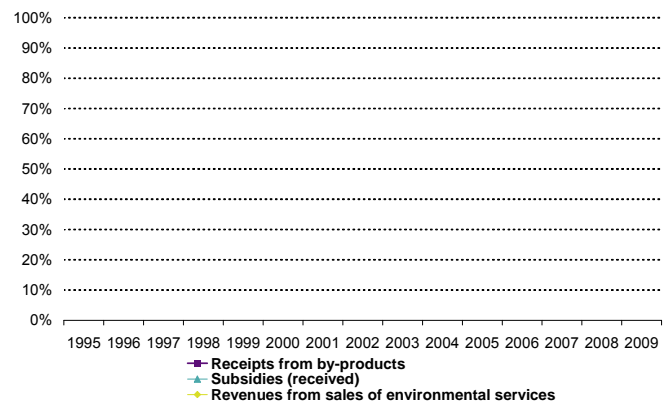
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2002-2009 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (% of specialised producers' EP revenues)



\* Data on receipts from by-products are negative, shares cannot be calculated.

## Industry

Table PL3 Environmental Protection expenditure by Industry, 2009

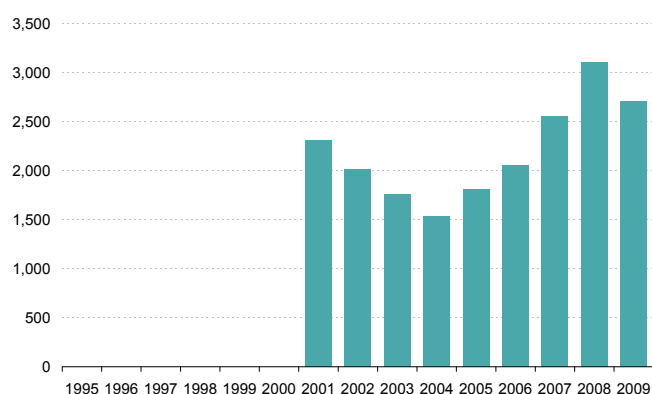
Industry	2009 (EUR million)
EPE	2 703.71
Pollution treatment investments	829.03
Pollution prevention investments	344.16
Investments	1 173.24
In-house current expenditure	708.42
Fees and purchases	854.37
Total current expenditure	1 530.47
Receipts from by-products	100.09
Subsidies/transfers (received)	-390.36
Expenditure I	1 781.57
Expenditure II	3 026.3

Industry	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.87%	70.90

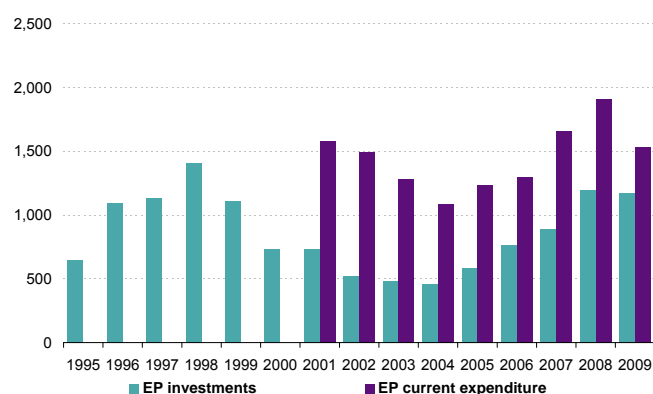
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure PL15 : Industry's EPE, 2001-2009  
(EUR million)



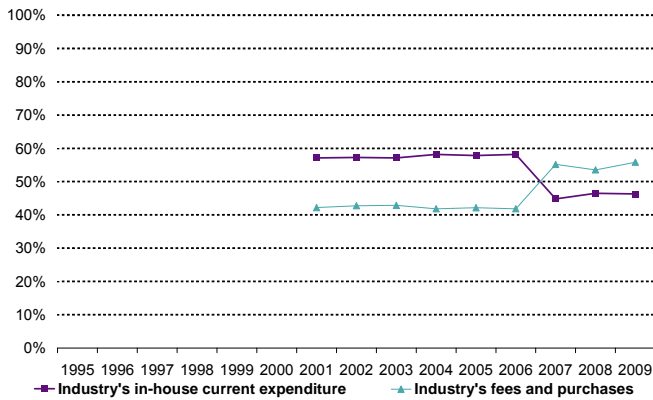
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure PL16 : Industry's EP investments and current expenditures, 1995-2009  
(EUR million)



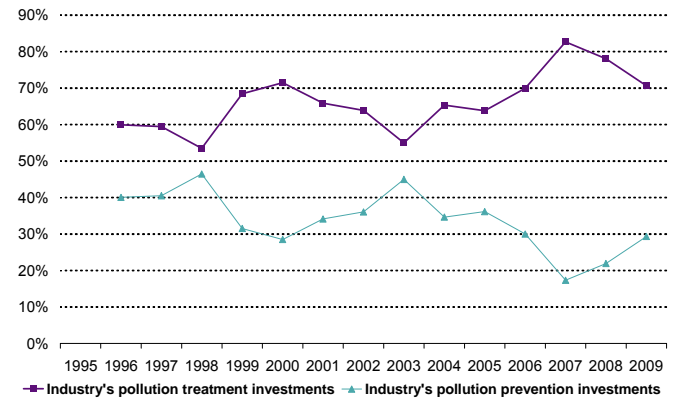
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2001-2009 (% of industry's EP current expenditure)



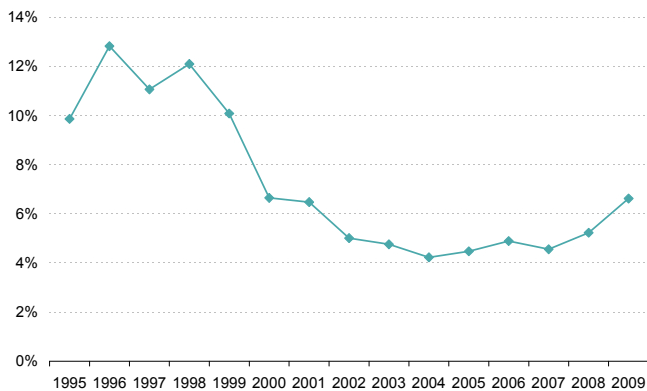
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1996-2009 (% of industry's EP investments)



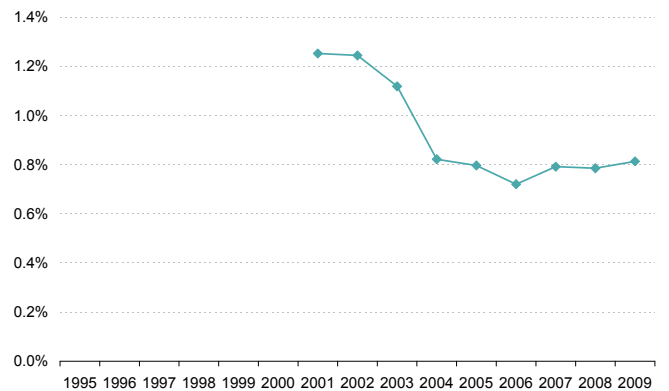
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL19 :** Industry's EP investments, 1995-2009 (% of industry's GFCF)



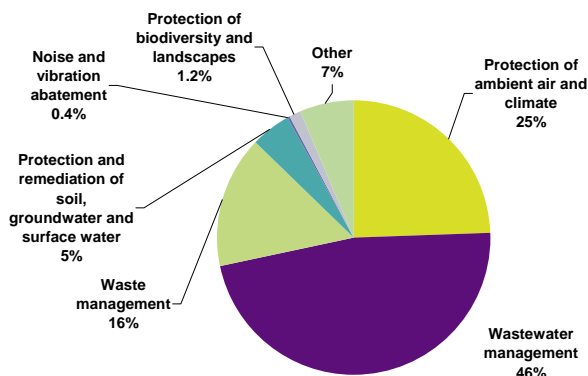
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure PL20 :** Industry's EP current expenditure, 2001-2009 (% of industry's compensation of employees plus intermediate consumption)



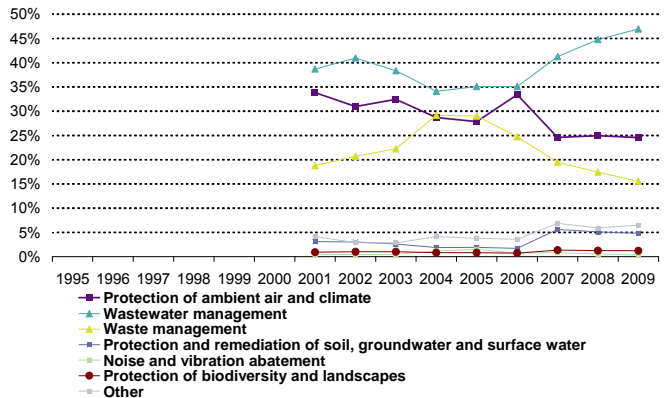
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure PL21 :** Industry's EPE by environmental domain, 2009 (% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

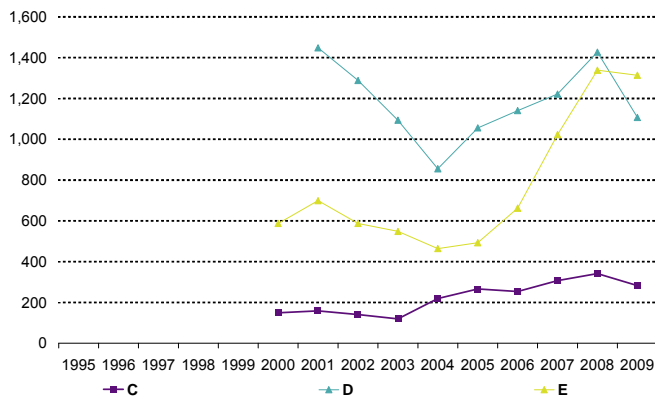
**Figure PL22 :** Industry's EPE by environmental domain, 2001-2009 (% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

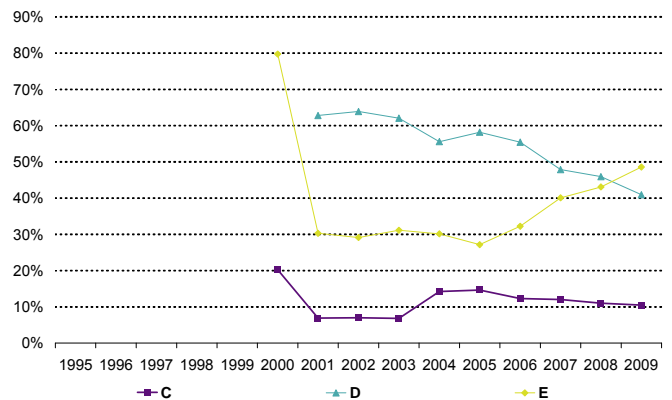


**Figure PL23 : Industry's EPE by sector, 2000-2009**  
(EUR million)



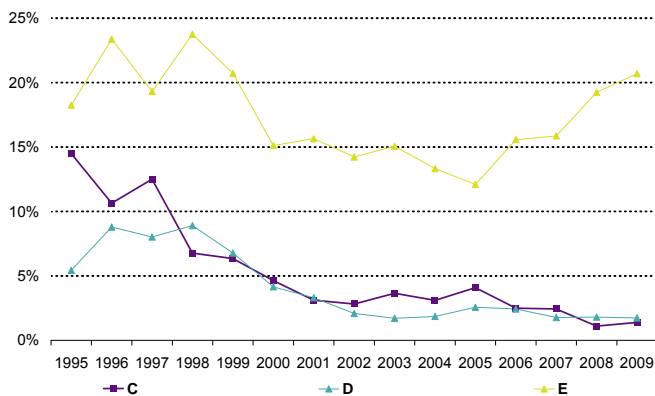
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL24 : Industry's EPE by sector, 2000-2009**  
(% of industry's EPE)



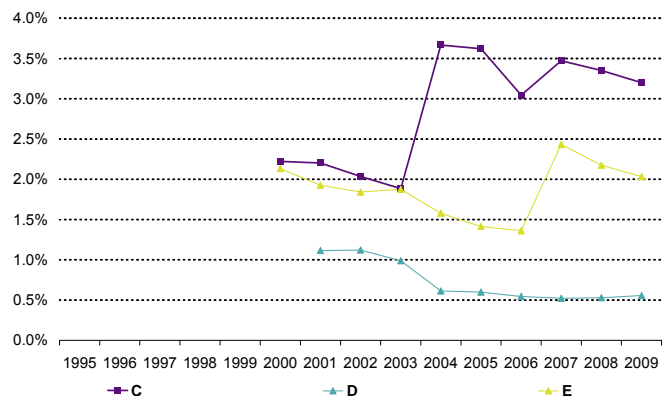
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure PL25 : Industry's investments by sector, 1995-2009**  
(% of GFCF)



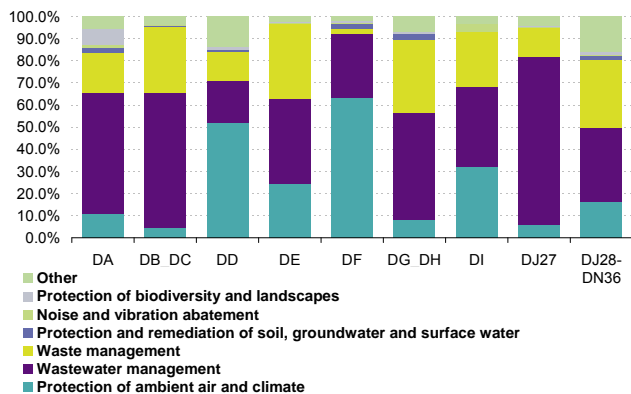
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure PL26 : Industry's current expenditures by sector, 2000-2009**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

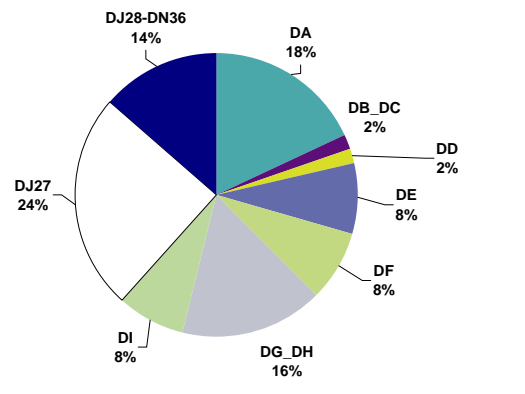
**Figure PL27 : EPE in manufacturing subsectors by environmental domain, 2009**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products  
DE: pulp, paper products, publishing and printing

**Figure PL28 : EPE in manufacturing subsectors, 2009**  
(% of total manufacturing's EPE)

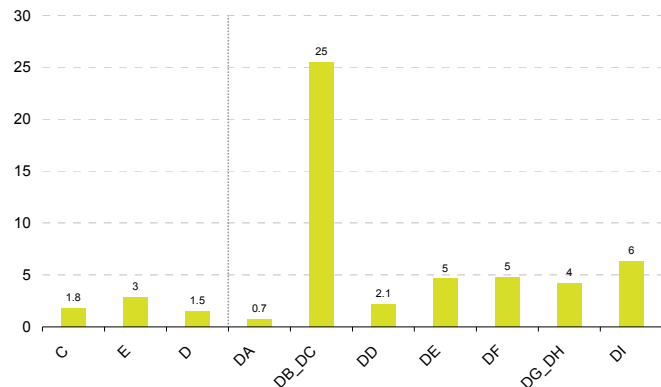


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals  
DJ28\_DN36: metal products, machinery and equipment

DF: coke, refined petroleum and nuclear fuel

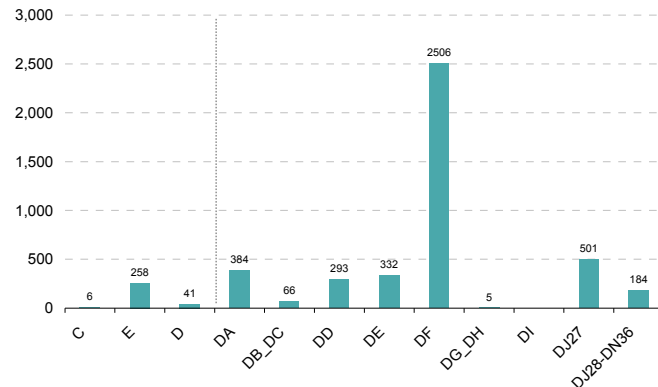
**Figure PL29** : Industry’s EPE for waste management and industry’s waste generation, 2008\* (EUR/tonne)



\* EPE for waste management refers to 2007.  
 Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

- C: Mining and quarrying
- D: Manufacturing
- DA: food products, tobacco and beverages
- DB\_DC: textile and leather products
- DD: wood products
- DE: pulp, paper products, publishing and printing

**Figure PL30** : Industry’s EPE for air protection and industry’s GHG emissions, 2005 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

- DF: coke, refined petroleum and nuclear fuel
- DG\_DH: chemicals, chemical products, rubber and plastic products
- DI: other non metallic products
- DJ27: basic metals
- DJ28\_DN36: metal products, machinery and equipment
- E: Electricity, gas and water supply

## Portugal

## Public sector

Table PT1 Environmental protection expenditure in the public sector, 2008

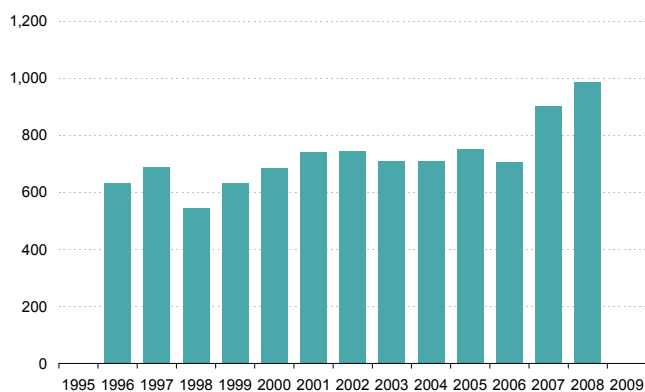
<b>Public sector</b>	<b>2008</b> (EUR million)	
EPE	988.62	
Investments	156.97	
In-house current expenditure	548.48	
Fees and purchases	84.59	
Total current expenditure	633.07	
Receipts from by-products	:	
Subsidies/transfers (given)	198.58	
Revenues	273.01	
Expenditure I	705.45	
Expenditure II	715.61	

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	0.57%	93.11

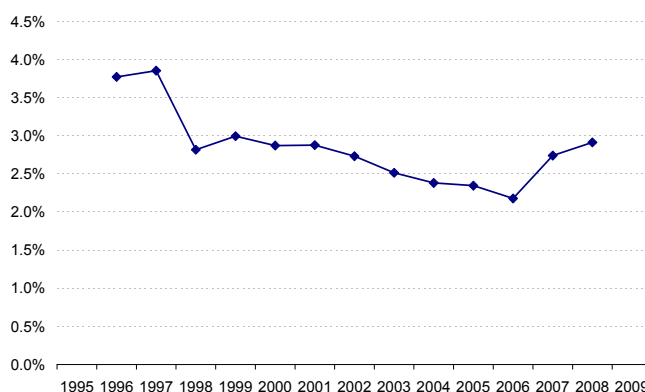
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure PT1 : Public sector's EPE, 1996-2008**  
(EUR million)



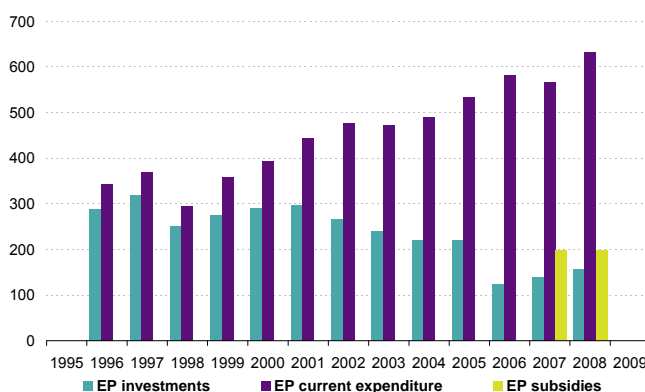
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT2 : Public sector's EPE, 1996-2008**  
(% of final consumption expenditure of general government)



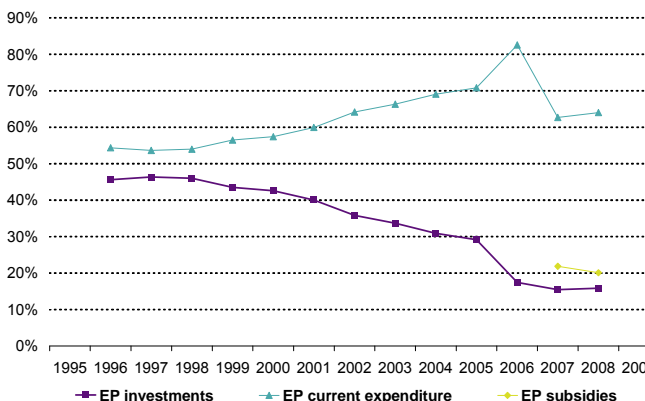
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure PT3 : Public sector's EP investments, current expenditures and subsidies, 1996-2008**  
(EUR million)



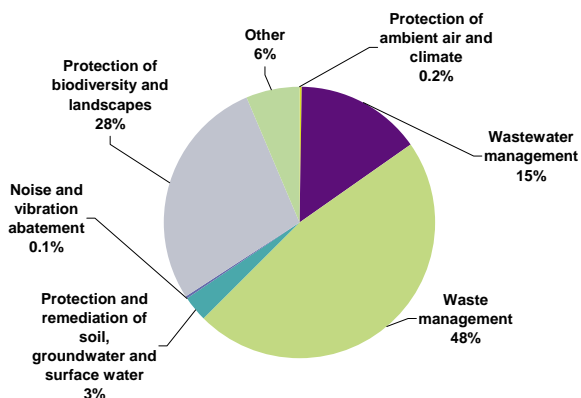
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT4 : Public sector's EP investments, current expenditures and subsidies, 1996-2008**  
(% of public sector's EPE)



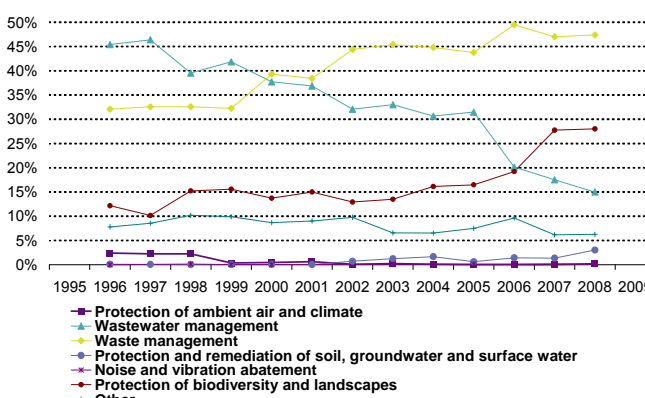
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT5 : Public sector's EPE by environmental domain, 2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure PT6 : Public sector's EPE by environmental domain, 1996-2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Specialised producers

Table PT2 Environmental Protection expenditure of the specialised producers, 2008

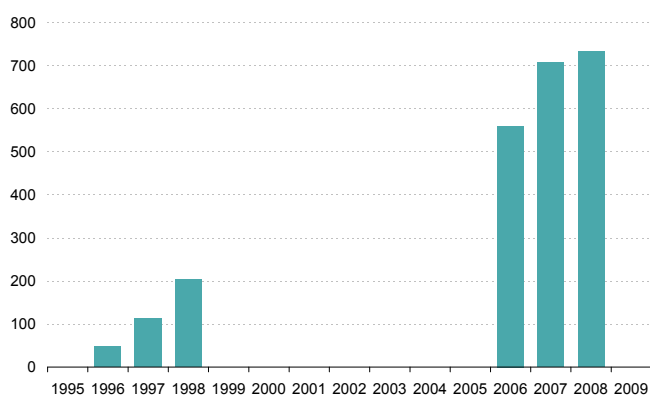
Specialised producers	2008 (EUR million)
EPE	733.34
Investments	403.00
In-house current expenditure	258.28
Fees and purchases	72.06
Total current expenditure	330.35
Receipts from by-products	:
Subsidies/transfers (received)	8.10
Revenues	216.77
Expenditure I	661.28
Expenditure II	508.47

Specialised producers	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.43%	69.07

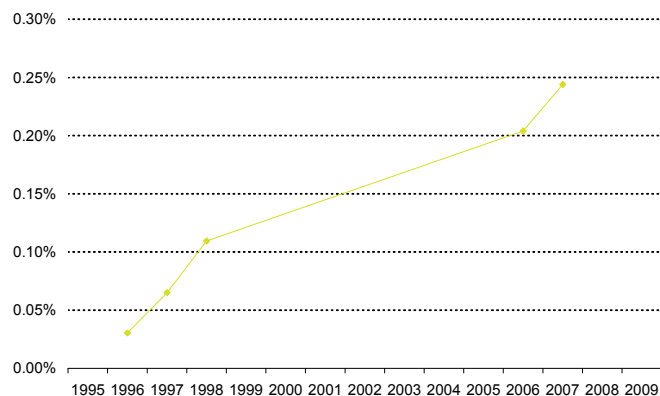
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure PT7 : Specialised producers' EPE, 1996-2008 (EUR million)



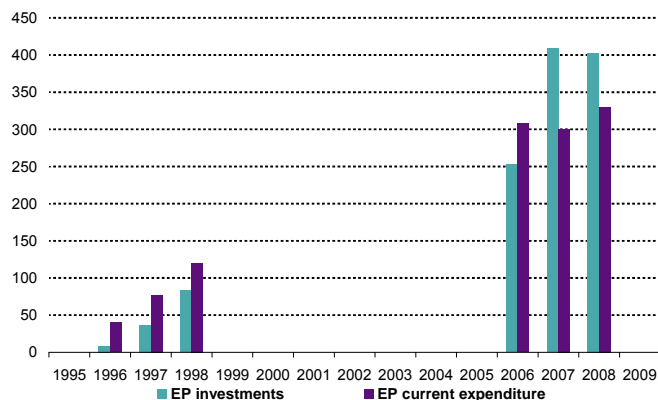
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure PT8 : Specialised producers' EPE, 1996-2007 (% of investments plus compensation of employees and intermediate consumption of business activities)



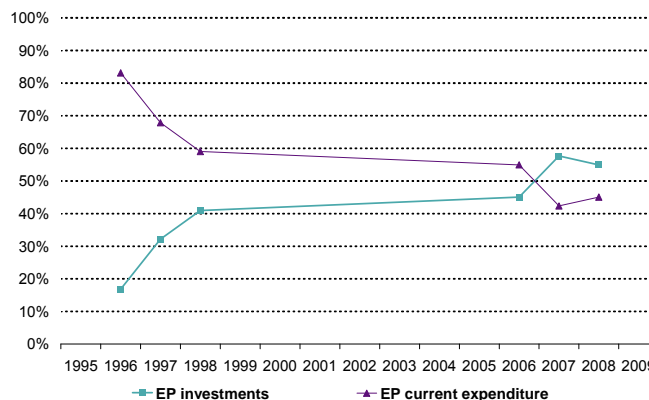
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure PT9:** Specialised producers' EP investments and current expenditures, 1996-2008 (EUR million)



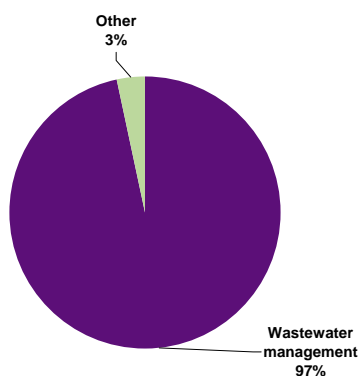
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT10:** Specialised producers' EP investments and current expenditures, 1996-2008 (% of specialised producers' EPE)



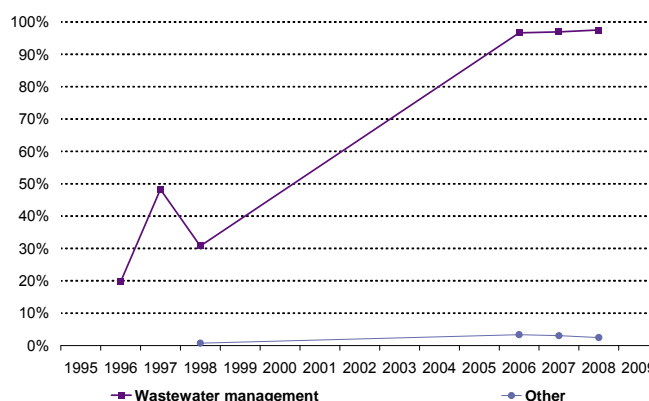
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT11:** Specialised producers' EPE by environmental domain, 2008 (% of specialised producers' EPE)



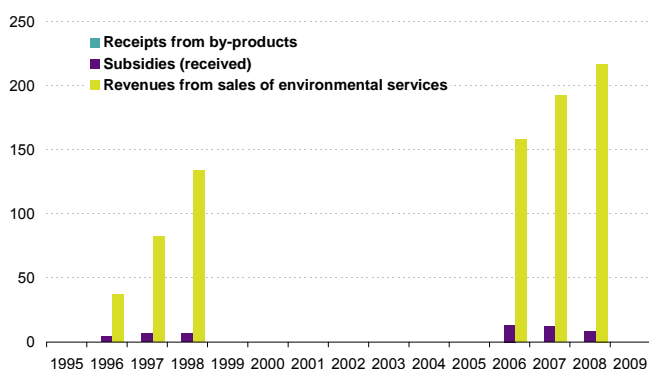
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure PT12:** Specialised producers' EPE by environmental domain, 1996-2008 (% of specialised producers' EPE)



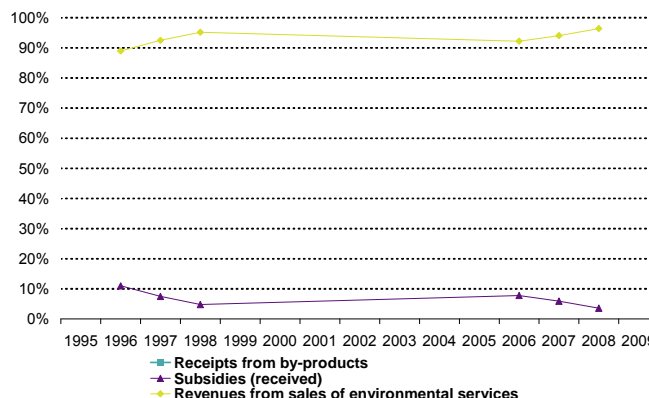
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1996-2008 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received) (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Industry

Table PT3 Environmental protection expenditure by industry, 2008

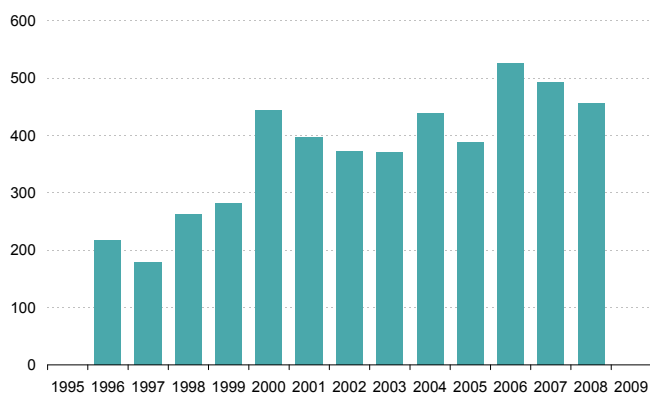
Industry	2008 (EUR million)
EPE	456.49
Pollution treatment investments	222.85
Pollution prevention investments	40.55
Investments	263.40
In-house current expenditure	50.97
Fees and purchases	142.12
Total current expenditure	193.09
Receipts from by-products	129.21
Subsidies/transfers (received)	:
Expenditure I	185.16
Expenditure II	327.28

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.27%	42.99

Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure PT15 : Industry's EPE, 1996-2008  
(EUR million)



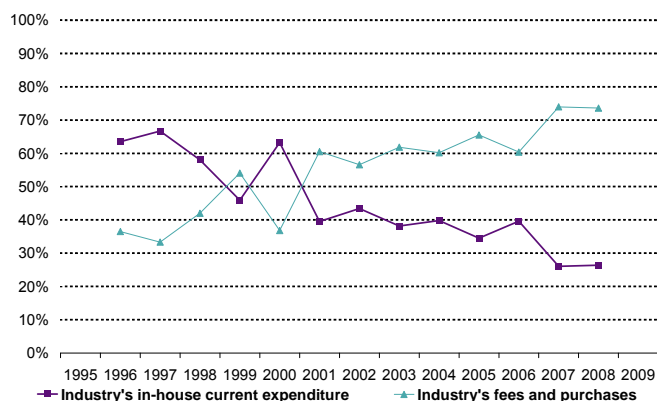
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure PT16 : Industry's EP investments and current expenditures, 1995-2008  
(EUR million)



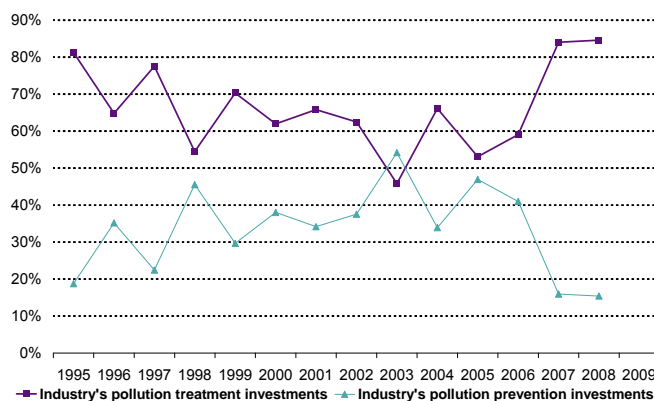
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1996-2008  
(% of industry's EP current expenditure)



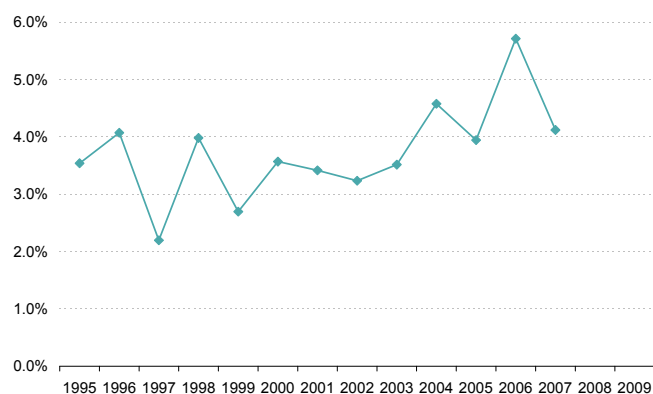
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1995-2008  
(% of industry's EP investments)



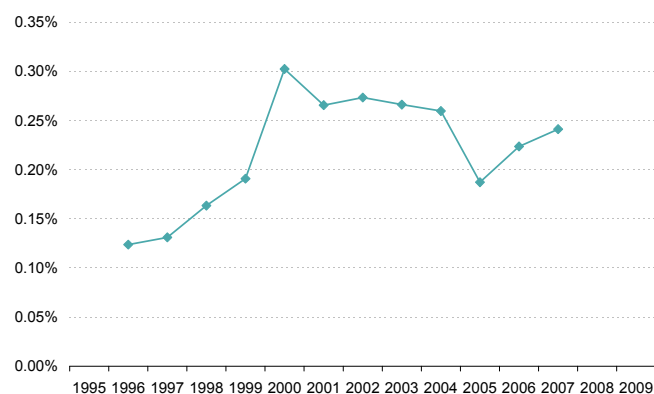
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT19 :** Industry's EP investments, 1995-2007  
(% of industry's GFCF)



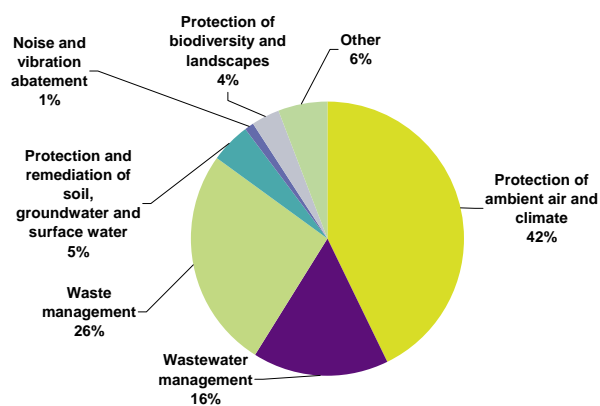
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure PT20 :** Industry's EP current expenditure, 1996-2007  
(% of industry's compensation of employees plus intermediate consumption)



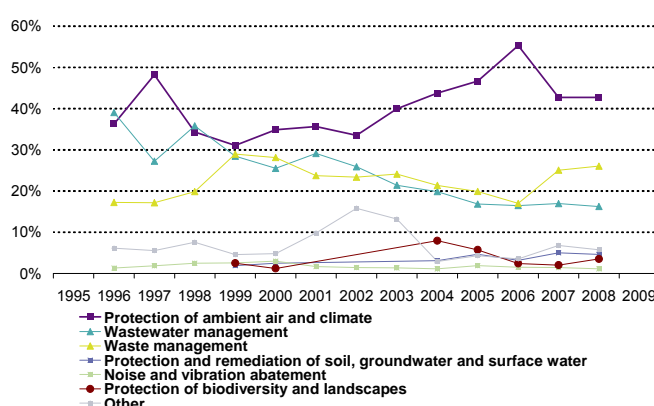
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure PT21 :** Industry's EPE by environmental domain, 2008  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

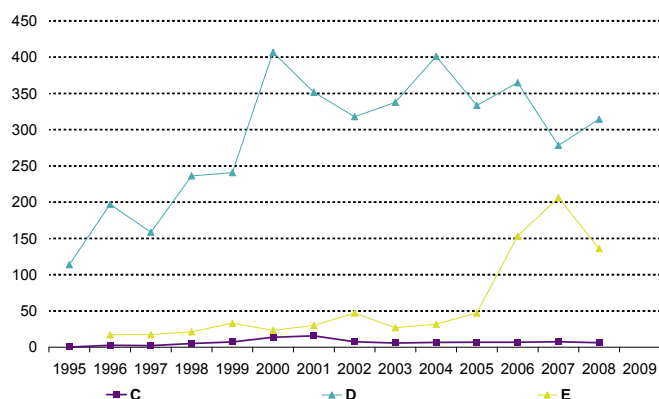
**Figure PT22 :** Industry's EPE by environmental domain, 1996-2008  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

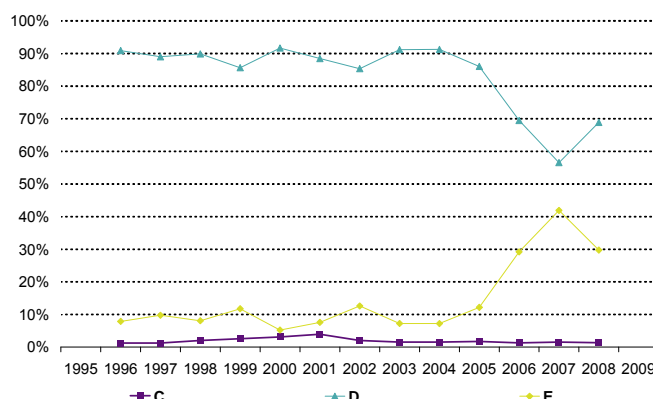


**Figure PT23 : Industry's EPE by sector, 1995-2008**  
(EUR million)



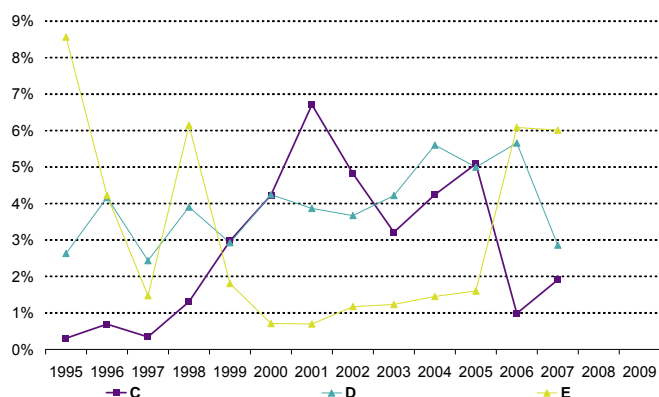
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT24 : Industry's EPE by sector, 1996-2008**  
(% of industry's EPE)



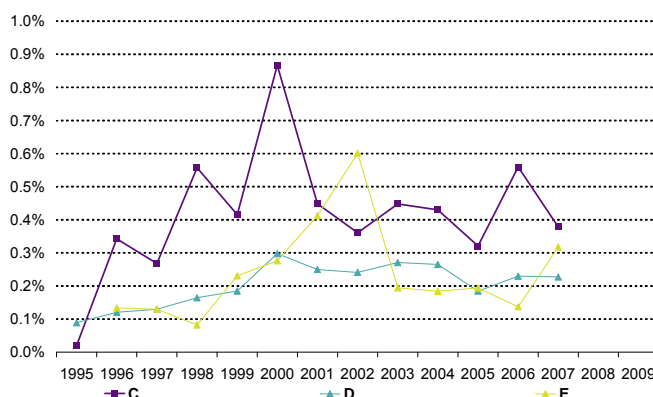
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure PT25 : Industry's investments by sector, 1995-2007**  
(% of GFCF)



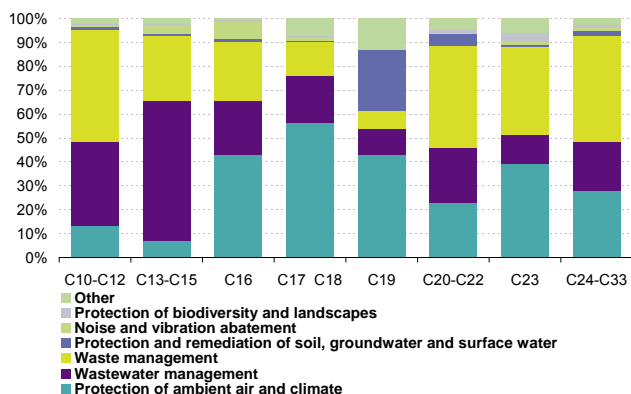
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure PT26 : Industry's current expenditures by sector, 1995-2007**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

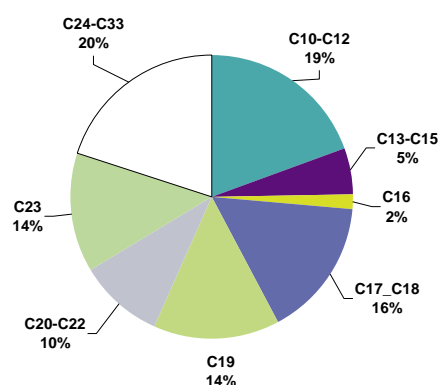
**Figure PT27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- B: Mining and quarrying
- D: Electricity, gas and water supply
- C: Manufacturing
- C10-C12: food products, tobacco and beverages

**Figure PT28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)

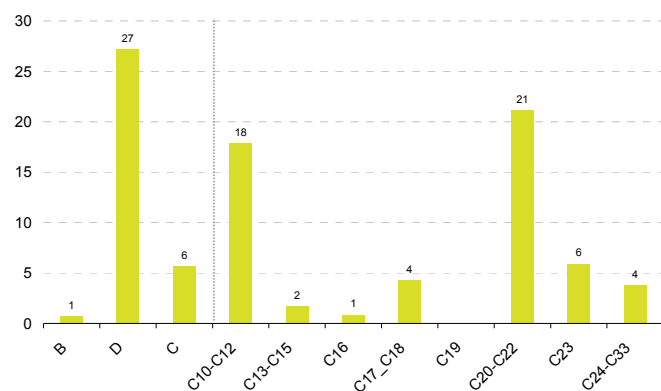


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- C19: coke and refined petroleum products
- C20-C22: chemical, pharmaceutical, rubber and plastic products
- C23: other non-metallic mineral products
- C24-C33: basic metals and fabricated metal products, except

C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media

**Figure PT29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

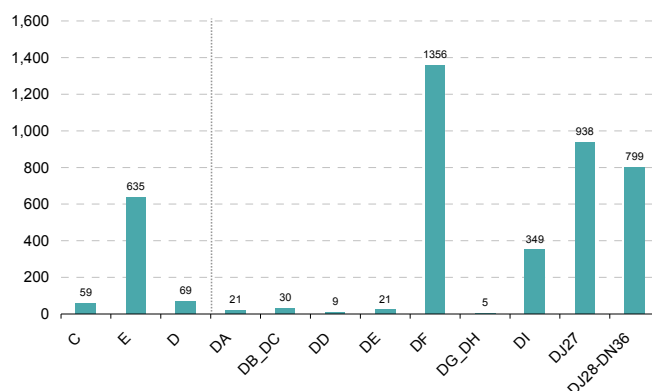


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [env\\_wasgen](#))

**B:** Mining and quarrying  
**D:** Electricity and gas supply  
**C:** Manufacturing  
 C10-C12: food products, tobacco and beverages  
 C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media  
 C19: coke and refined petroleum products  
 C20-C22: chemical, pharmaceutical, rubber and plastic products  
 C23: other non-metallic mineral products  
 C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure PT30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

**C:** Mining and quarrying  
**D:** Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
**E:** Electricity, gas and water supply

## Romania

## Public sector

Table RO1 Environmental protection expenditure in the public sector, 2009

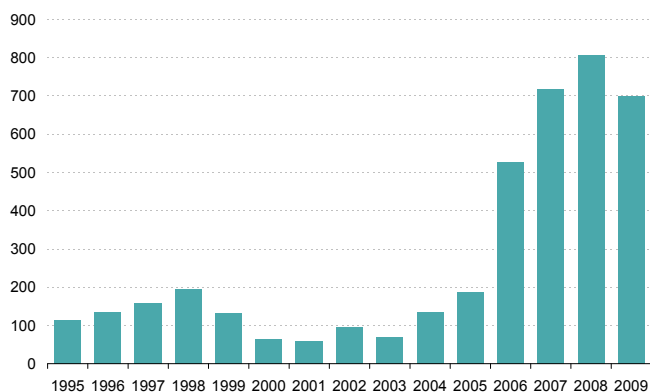
<b>Public sector</b>	<b>2009</b> (EUR million)	
EPE	699.08	
Investments	358.07	
In-house current expenditure	250.29	
Fees and purchases	90.73	
Total current expenditure	341.01	
Receipts from by-products	:	
Subsidies/transfers (given)	:	
Revenues	:	
Expenditure I	:	
Expenditure II	:	

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	0.60%	32.52

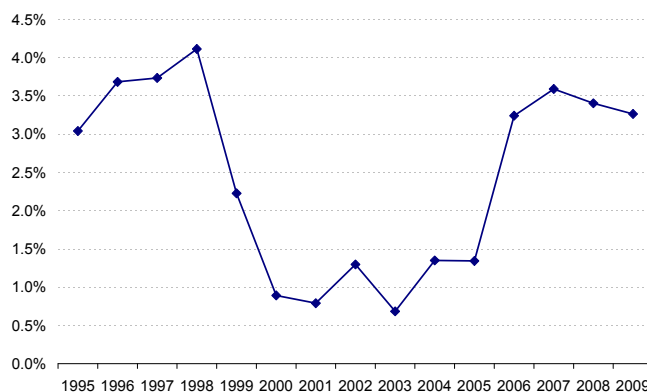
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure RO1 : Public sector's EPE, 1995-2009**  
(EUR million)



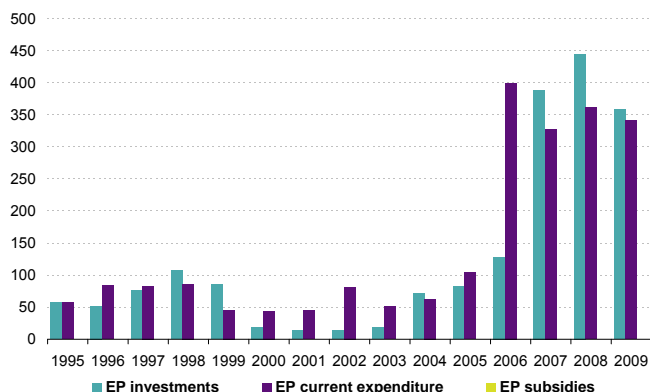
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO2 : Public sector's EPE, 1995-2009**  
(% of final consumption expenditure of general government)



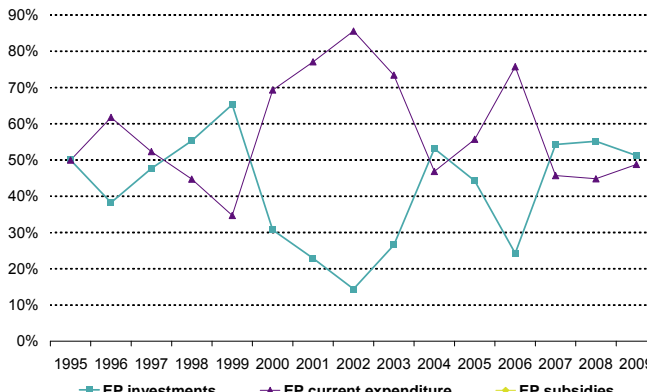
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure RO3 : Public sector's EP investments, current expenditures and subsidies, 1995-2009**  
(EUR million)



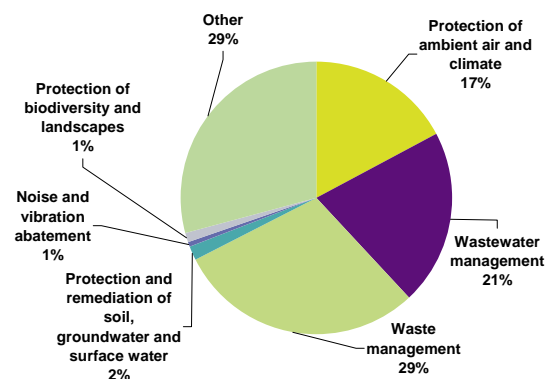
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO4 : Public sector's EP investments, current expenditures and subsidies, 1995-2009**  
(% of public sector's EPE)



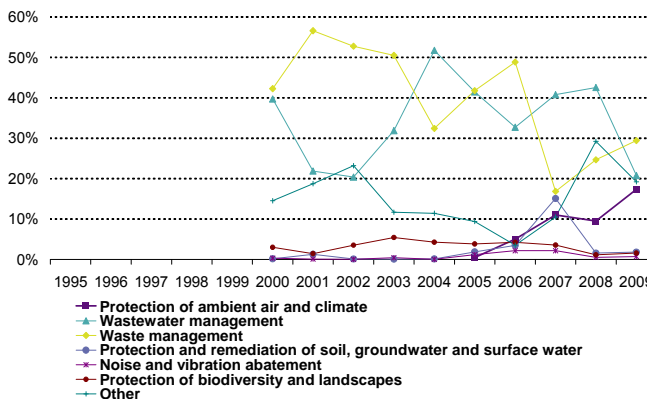
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO5 : Public sector's EPE by environmental domain, 2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure RO6 : Public sector's EPE by environmental domain, 2000-2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Specialised producers

Table RO2 Environmental Protection expenditure of the specialised producers, 2009

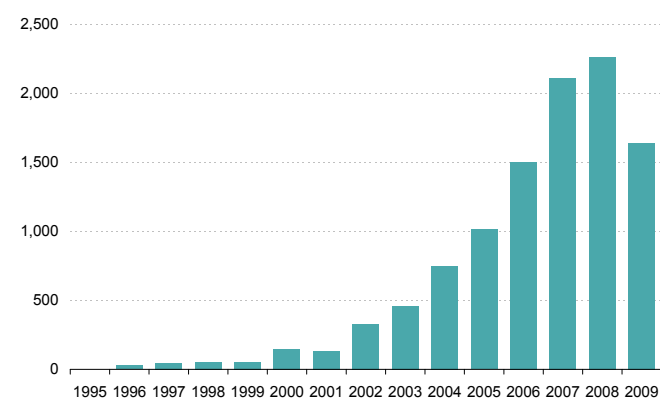
Specialised producers	2009 (EUR million)
EPE	1 639.46
Investments	246.87
In-house current expenditure	1 195.84
Fees and purchases	196.75
Total current expenditure	1 392.59
Receipts from by-products	:
Subsidies/transfers (received)	:
Revenues	:
Expenditure I	:
Expenditure II	:

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	1.40%	76.26

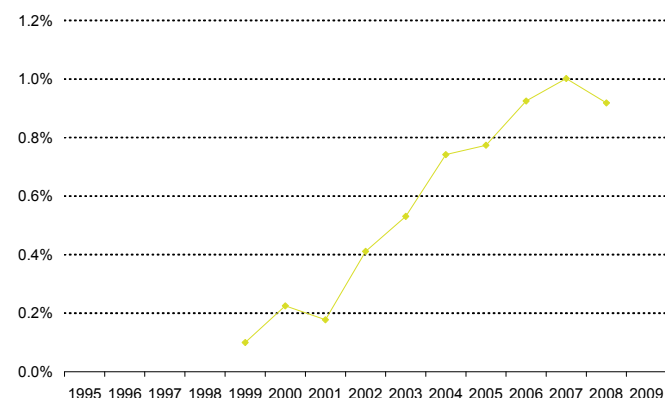
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure RO7 : Specialised producers' EPE, 1996-2009 (EUR million)



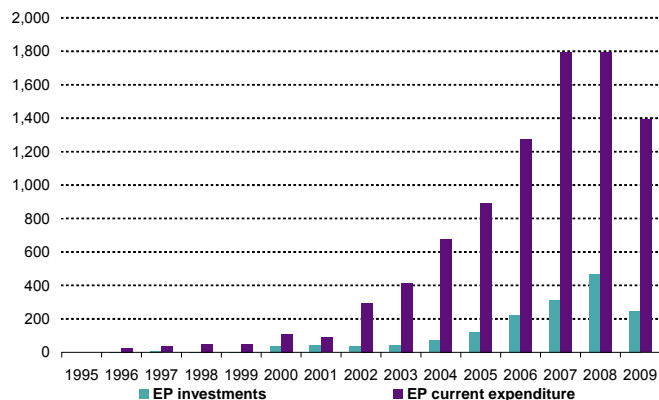
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure RO8 : Specialised producers' EPE, 1999-2009 (% of investments plus compensation of employees and intermediate consumption of business activities)



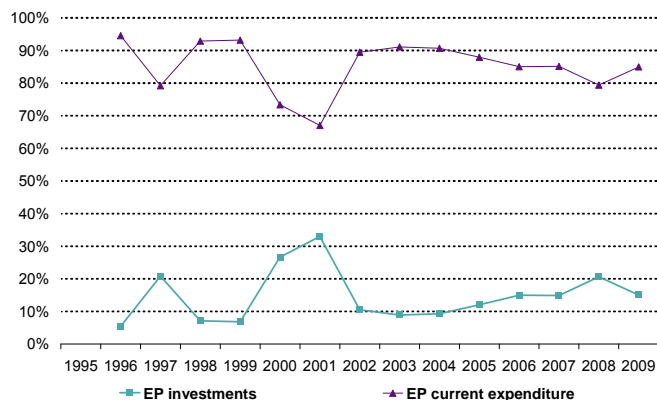
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure RO9:** Specialised producers' EP investments and current expenditures, 1996-2009 (EUR million)



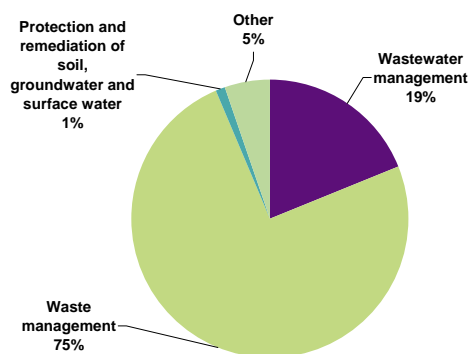
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO10:** Specialised producers' EP investments and current expenditures, 1996-2009 (% of specialised producers' EPE)



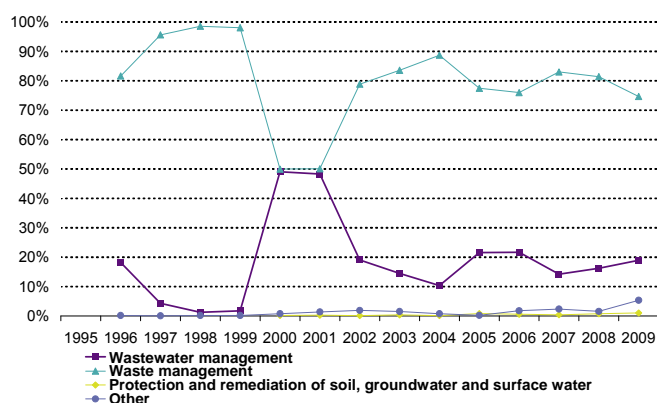
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



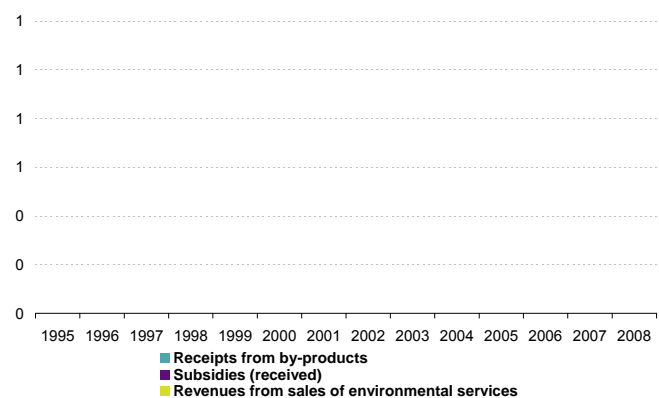
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure RO12:** Specialised producers' EPE by environmental domain, 1996-2009 (% of specialised producers' EPE)



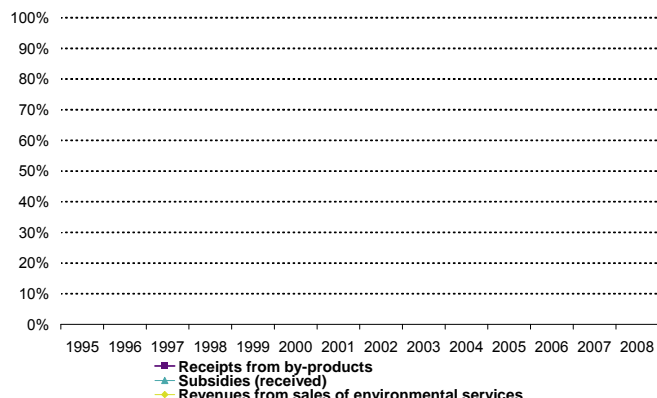
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (EUR million)



\* No data available.

**Figure RO14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (% of specialised producers' EP revenues)



\* No data available.

## Industry

Table RO3 Environmental protection expenditure by industry, 2009

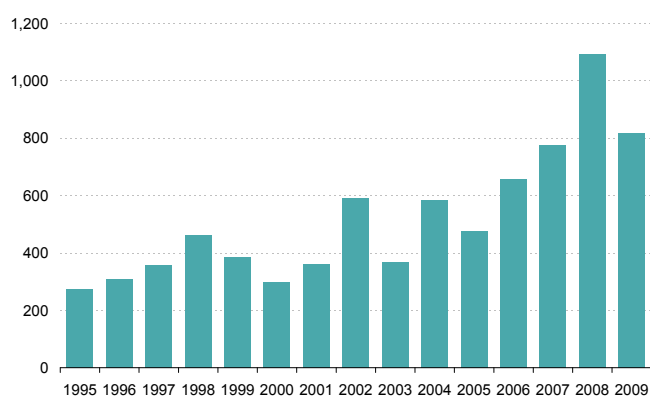
Industry	2009 (EUR million)
EPE	817.19
Pollution treatment investments	144.14
Pollution prevention investments	251.26
Investments	395.40
In-house current expenditure	244.16
Fees and purchases	177.62
Total current expenditure	421.78
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	:
Expenditure II	:

Industry	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.70%	38.01

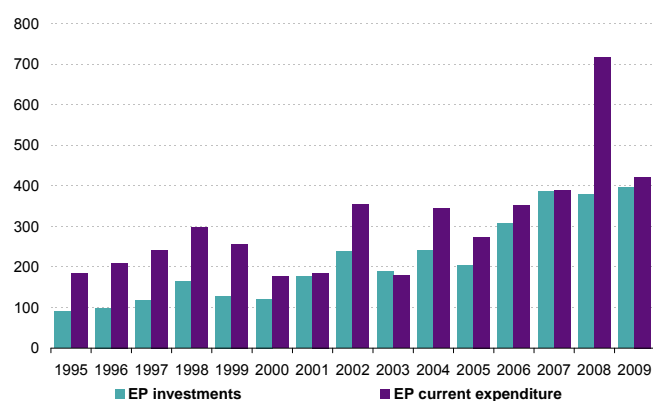
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure RO15 : Industry's EPE, 1995-2009  
(EUR million)



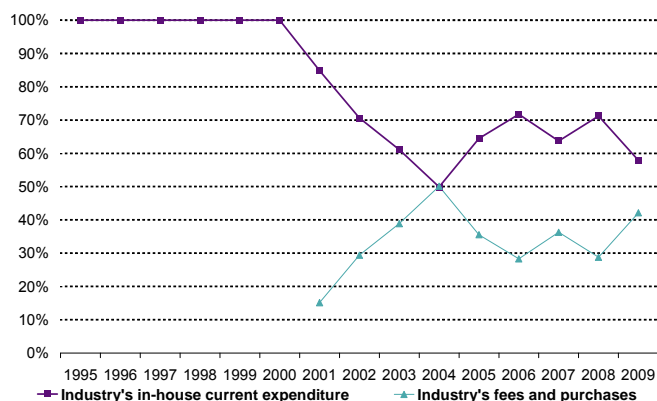
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure RO16 : Industry's EP investments and current expenditure, 1995-2009  
(EUR million)



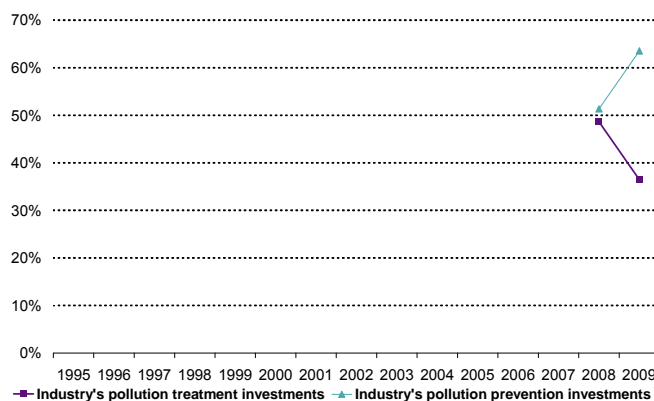
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO17 : Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1995-2009**  
(% of industry's EP current expenditure)



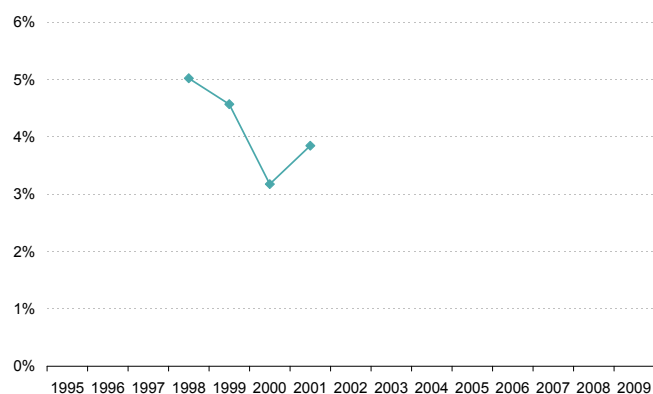
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO18 : Industry's environmental investments: pollution treatment and pollution prevention investments, 2008-2009**  
(% of industry's EP investments)



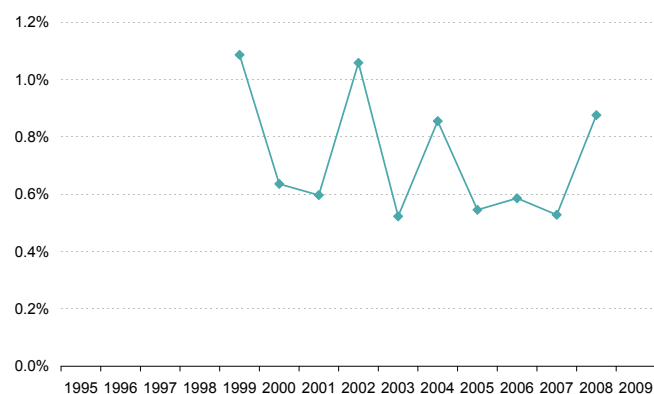
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO19 : Industry's EP investments, 1999-2004**  
(% of industry's GFCF)



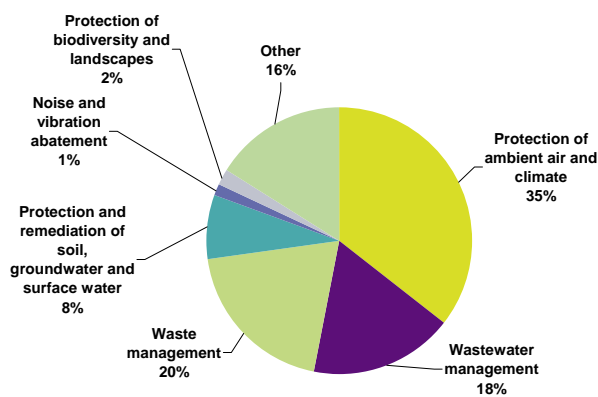
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure RO20 : Industry's EP current expenditure, 1999-2008**  
(% of industry's compensation of employees plus intermediate consumption)



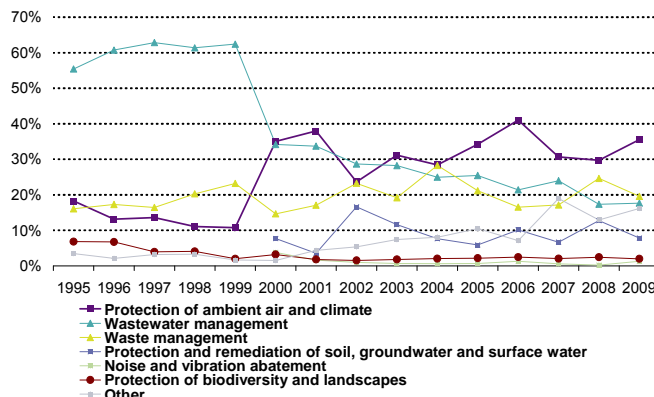
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure RO21 : Industry's EPE by environmental domain, 2009**  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

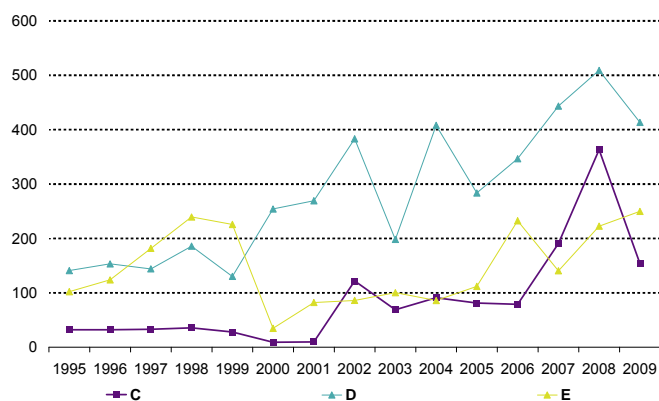
**Figure RO22 : Industry's EPE by environmental domain, 1995-2009**  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

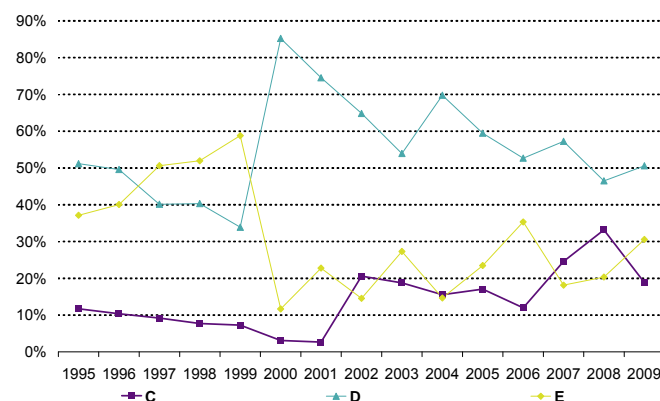


**Figure RO23 : Industry's EPE by sector, 1995-2009**  
(EUR million)



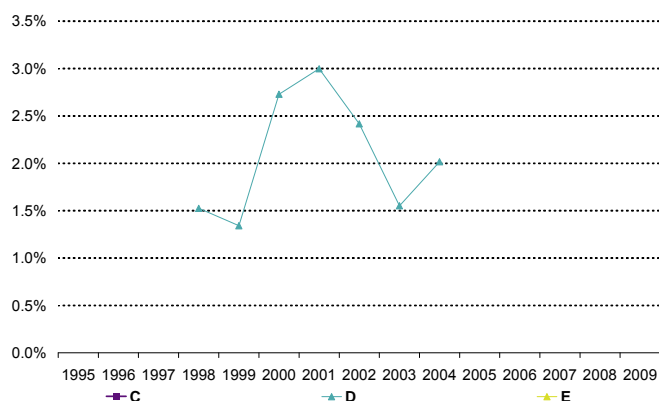
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO24 : Industry's EPE by sector, 1995-2009**  
(% of industry's EPE)



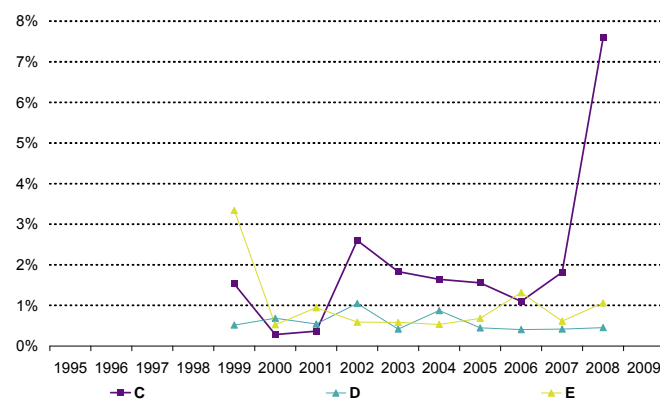
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure RO25 : Industry's investments by sector, 1999-2004**  
(% of GFCF)



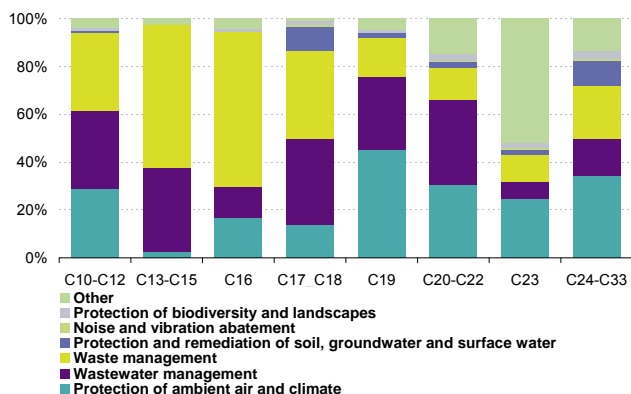
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure RO26 : Industry's current expenditures by sector, 1999-2008**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

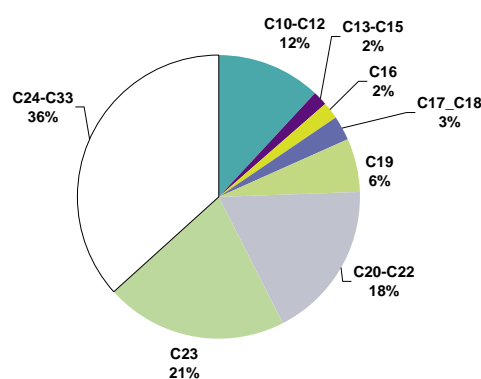
**Figure RO27 : EPE in manufacturing subsectors by environmental domain, 2009**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- B: Mining and quarrying
- D: Electricity, gas and water supply
- C: Manufacturing
- C10-C12: food products, tobacco and beverages

**Figure RO28 : EPE in manufacturing subsectors, 2009**  
(% of total manufacturing's EPE)

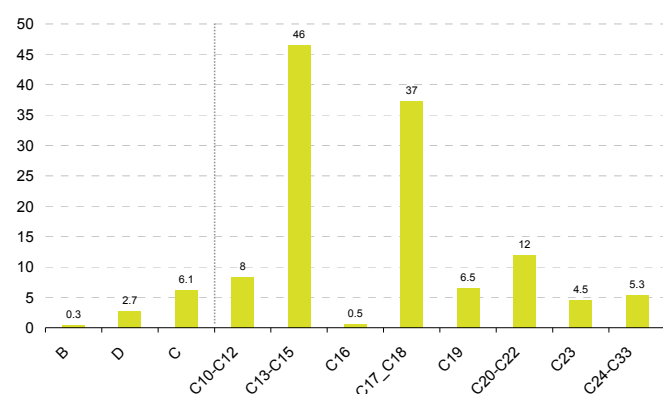


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- C19: coke and refined petroleum products
- C20-C22: chemical, pharmaceutical, rubber and plastic products
- C23: other non-metallic mineral products
- C24-C33: basic metals and fabricated metal products, except

C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media

**Figure RO29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

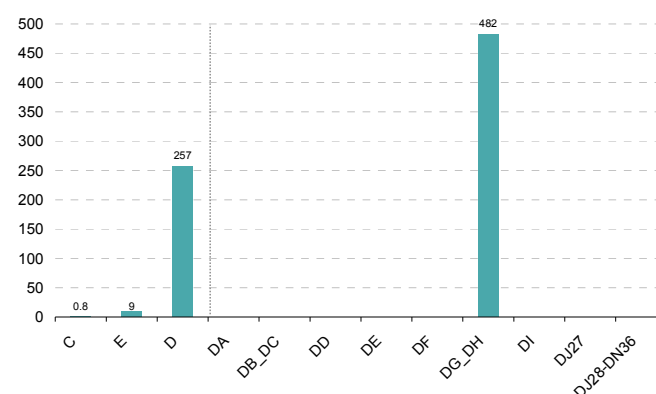


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [env\\_wasgen](#))

**B:** Mining and quarrying  
**D:** Electricity, gas and water supply  
**C:** Manufacturing  
 C10-C12: food products, tobacco and beverages  
 C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media  
 C19: coke and refined petroleum products  
 C20-C22: chemical, pharmaceutical, rubber and plastic products  
 C23: other non-metallic mineral products  
 C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure RO30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

**C:** Mining and quarrying  
**D:** Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28-DN36: metal products, machinery and equipment  
**E:** Electricity, gas and water supply

## Slovenia

## Public sector

Table SI1 Environmental protection expenditure in the public sector, 2008

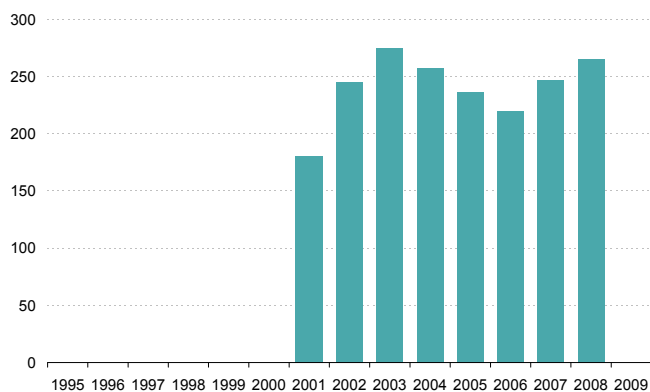
<b>Public sector</b>	<b>2008</b> (EUR million)	
EPE	265.60	
Investments	199.00	
In-house current expenditure	30.90	
Fees and purchases	10.50	
Total current expenditure	41.40	
Receipts from by-products	:	
Subsidies/transfers (given)	25.20	
Revenues	:	
Expenditure I	229.90	
Expenditure II	265.60	

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	0.71%	132.12

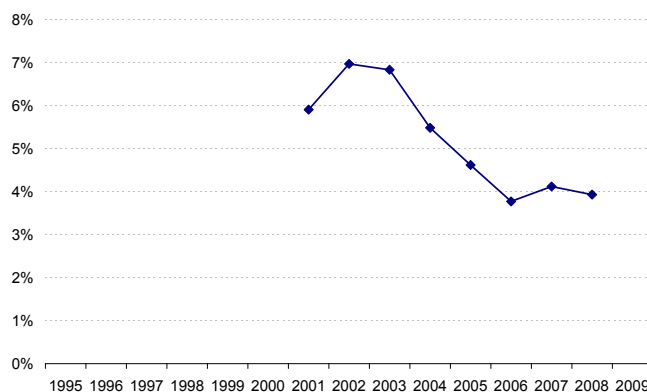
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure SI1** : Public sector's EPE, 2001-2008 (EUR million)



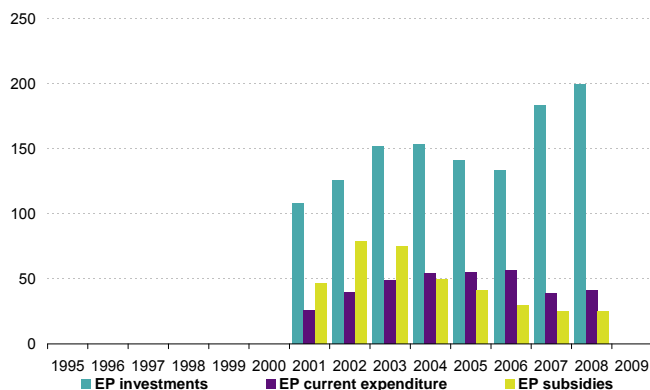
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI2** : Public sector's EPE, 2001-2008 (% of final consumption expenditure of general government)



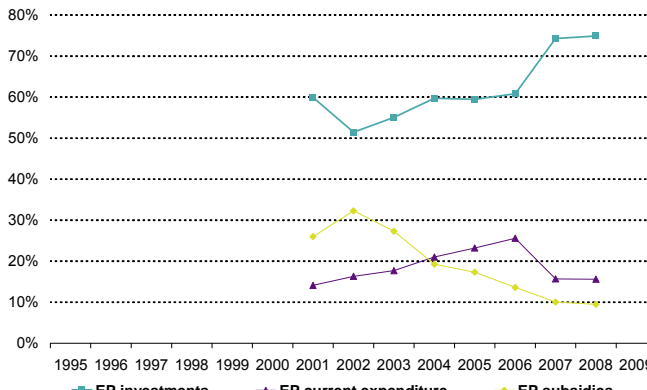
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure SI3** : Public sector's EP investments, current expenditures and subsidies, 2001-2008 (EUR million)



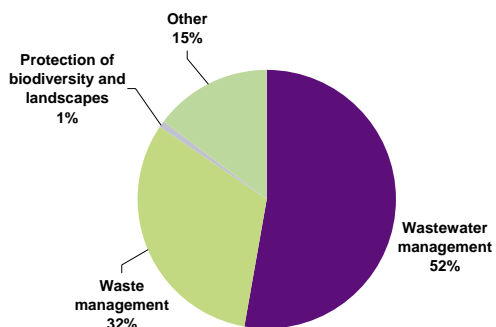
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI4** : Public sector's EP investments, current expenditures and subsidies, 2001-2008 (% of public sector's EPE)



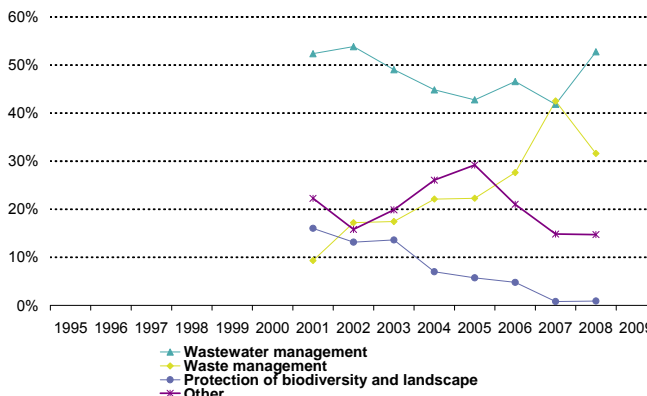
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI5** : Public sector's EPE by environmental domain, 2008 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure SI6** : Public sector's EPE by environmental domain, 2001-2008, (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Specialised producers

Table SI2 Environmental protection expenditure of the specialised producers, 2008

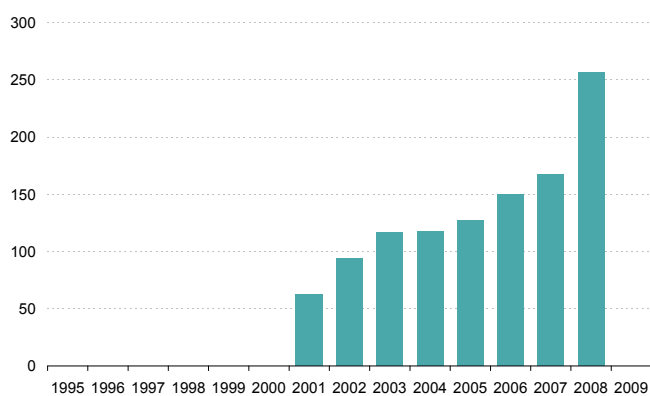
Specialised producers	2008 (EUR million)
EPE	256.10
Investments	62.80
In-house current expenditure	138.50
Fees and purchases	54.80
Total current expenditure	193.30
Receipts from by-products	:
Subsidies/transfers (received)	25.20
Revenues	101.30
Expenditure I	201.30
Expenditure II	129.60

Specialised producers	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.69%	127.40

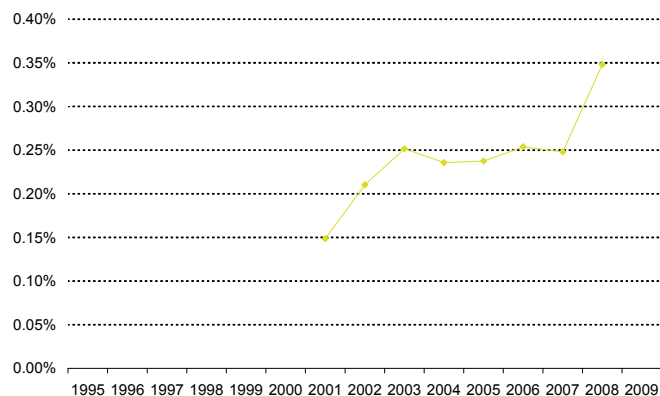
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure SI7 : Specialised producers' EPE, 2001-2008 (EUR million)



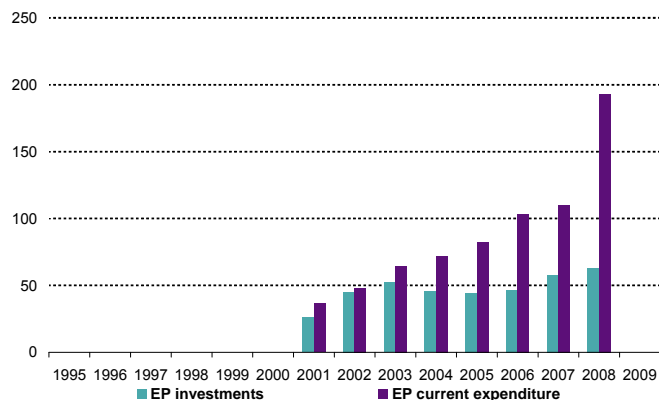
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure SI8 : Specialised producers' EPE, 2001-2008 (% of investments plus compensation of employees and intermediate consumption of business activities)



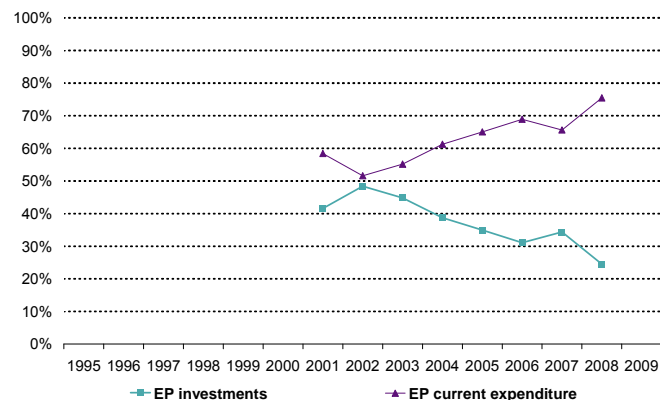
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure SI9:** Specialised producers' EP investments and current expenditures, 2001-2008 (EUR million)



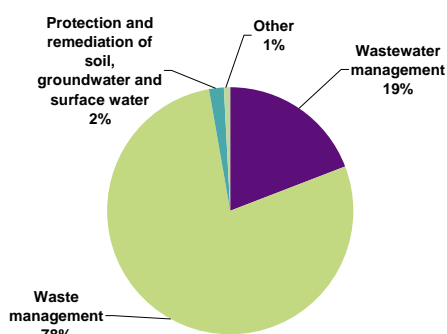
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI10:** Specialised producers' EP investments and current expenditures, 2001-2008 (% of specialised producers' EPE)



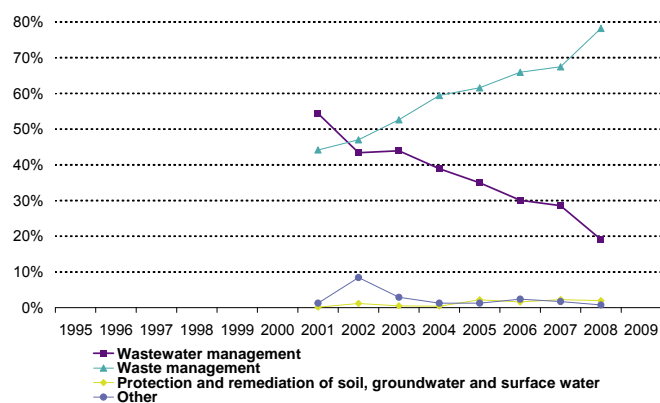
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI11:** Specialised producers' EPE by environmental domain, 2008 (% of specialised producers' EPE)



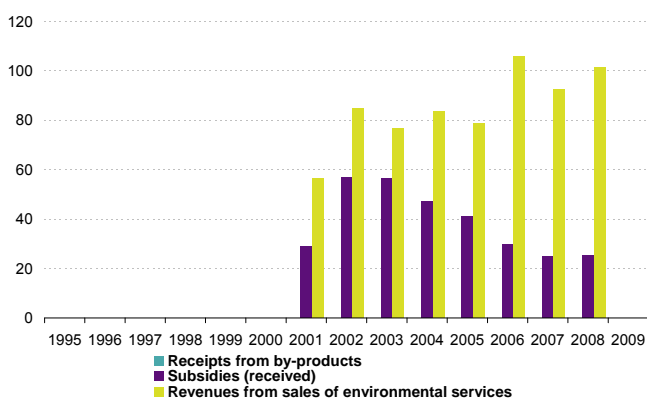
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

**Figure SI12:** Specialised producers' EPE by environmental domain, 2001-2008 (% of specialised producers' EPE)



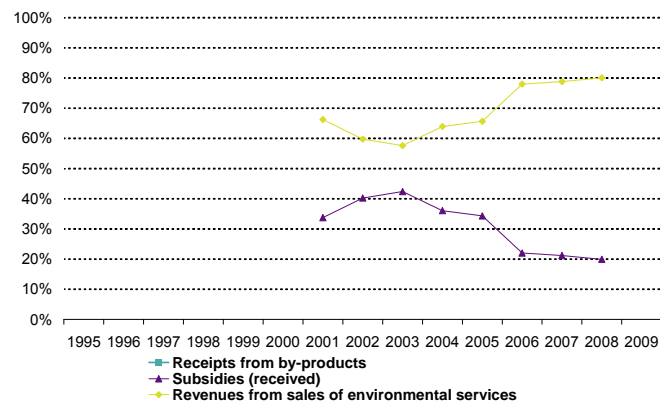
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2001-2008 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2001-2008 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

## Industry

Table SI3 Environmental protection expenditure by industry, 2008

Industry	2008 (EUR million)
EPE	346.50
Pollution treatment investments	81.20
Pollution prevention investments	77.70
Investments	158.90
In-house current expenditure	83.40
Fees and purchases	104.20
Total current expenditure	187.60
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	242.30
Expenditure II	346.50

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.93%	172.36

Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure SI15 : Industry's EPE, 2001-2008  
(EUR million)



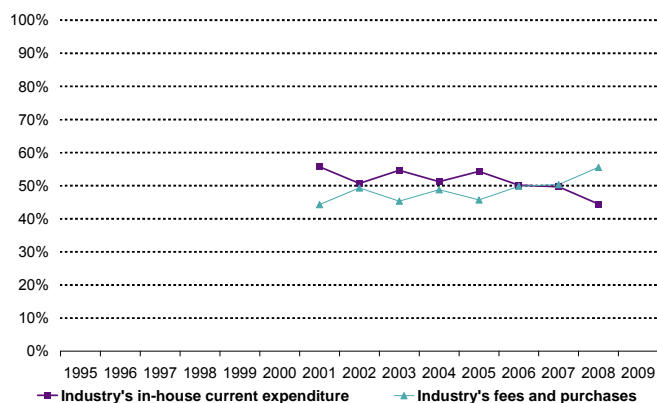
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure SI16 : Industry's EP investments and current expenditures, 2001-2008  
(EUR million)



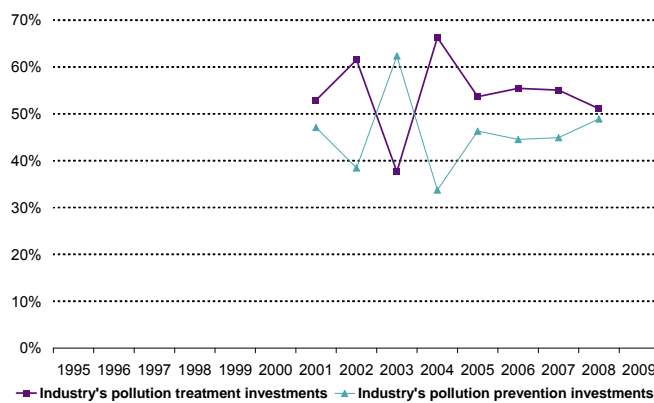
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI17** : Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2001-2008  
(% of industry's EP current expenditure)



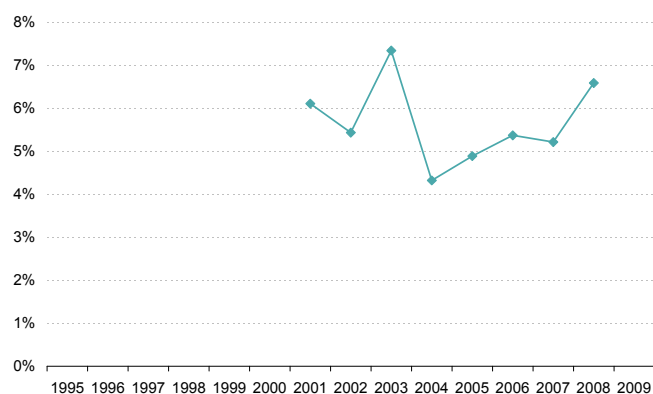
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI18** : Industry's environmental investments: pollution treatment and pollution prevention investments, 2001-2008  
(% of industry's EP investments)



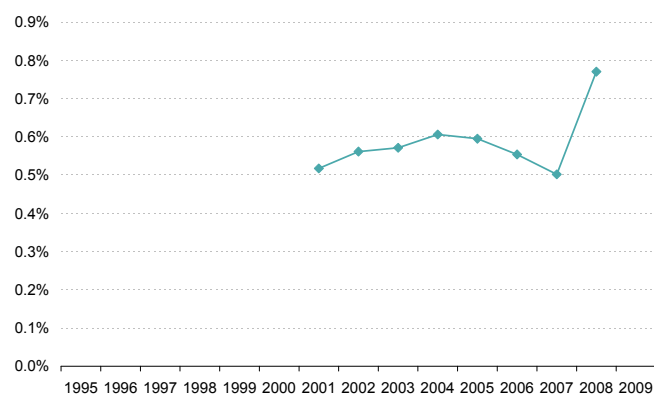
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure SI19** : Industry's EP investments, 2001-2008  
(% of industry's GFCF)



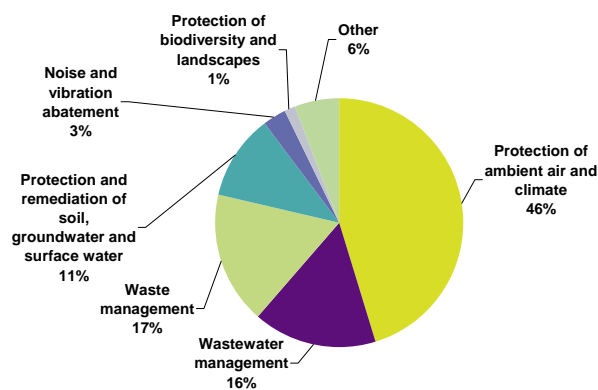
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure SI20** : Industry's EP current expenditure, 2001-2008  
(% of industry's compensation of employees plus intermediate consumption)



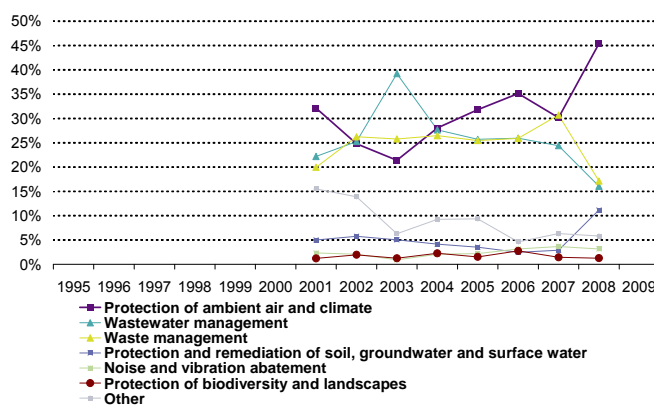
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure SI21** : Industry's EPE by environmental domain, 2008  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

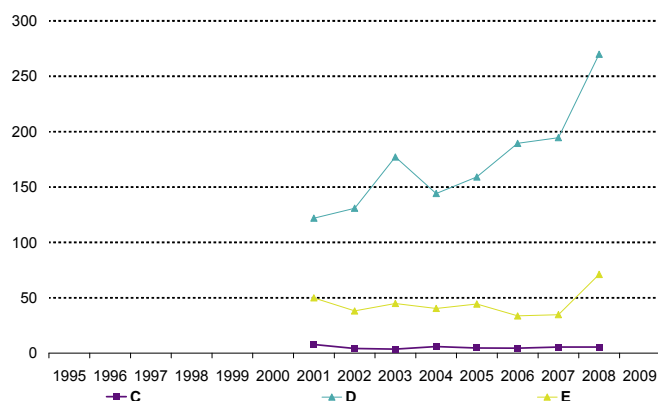
**Figure SI22** : Industry's EPE by environmental domain, 2001-2008  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

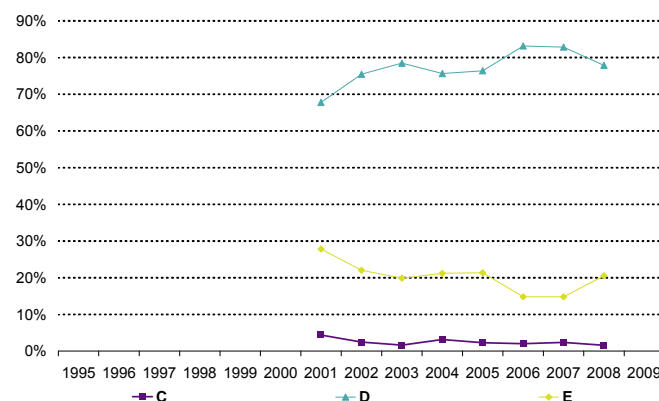


**Figure Sl23 : Industry's EPE by sector, 2001-2008**  
(EUR million)



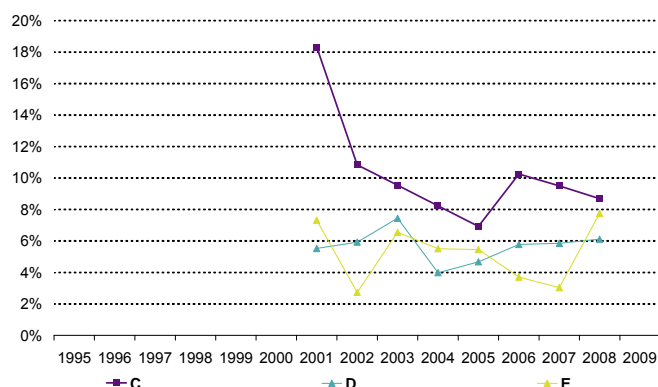
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure Sl24 : Industry's EPE by sector, 2001-2008**  
(% of industry's EPE)



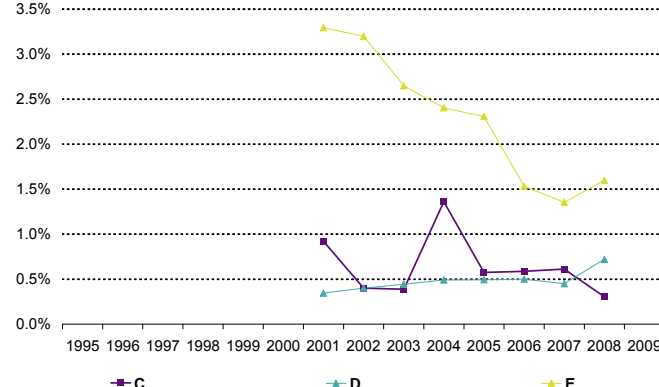
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure Sl25 : Industry's investments by sector, 2001-2008**  
(% of GFCF)



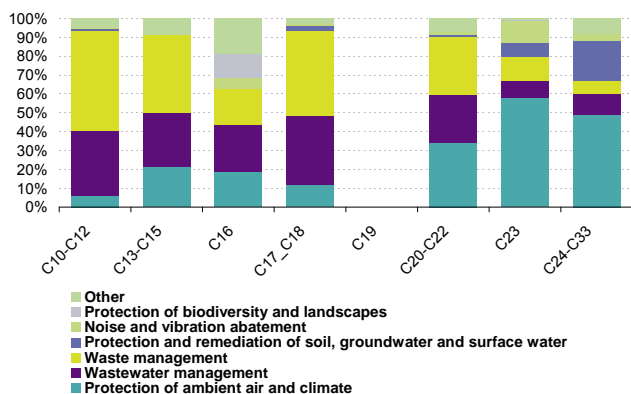
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure Sl26 : Industry's current expenditures by sector, 2001-2008**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

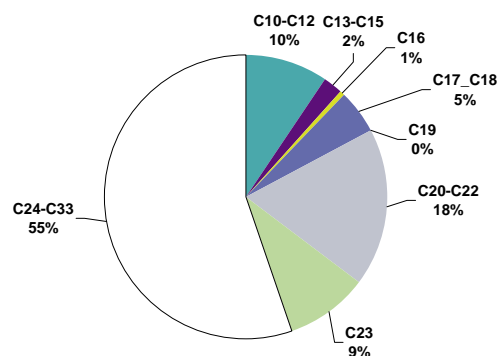
**Figure Sl27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- B: Mining and quarrying
- D: Electricity, gas and water supply
- C: Manufacturing
- C10-C12: food products, tobacco and beverages

**Figure Sl28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)

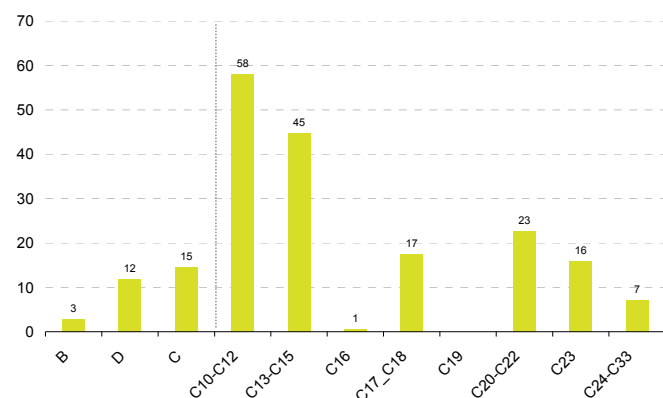


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- C19: coke and refined petroleum products
- C20-C22: chemical, pharmaceutical, rubber and plastic products
- C23: other non-metallic mineral products
- C24-C33: basic metals and fabricated metal products, except

C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media

**Figure SI29** : Industry's EP for waste management and industry's waste generation, 2008 (EUR/tonne)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [env\\_wasgen](#))

**B:** Mining and quarrying

**D:** Electricity, gas and water supply

**C:** Manufacturing

**C10-C12:** food products, tobacco and beverages

**C13-C15:** textile and leather products

**C16:** wood products

**C17-C18:** pulp, paper products, publishing and printing and reproduction of recorded media

**C19:** coke and refined petroleum products

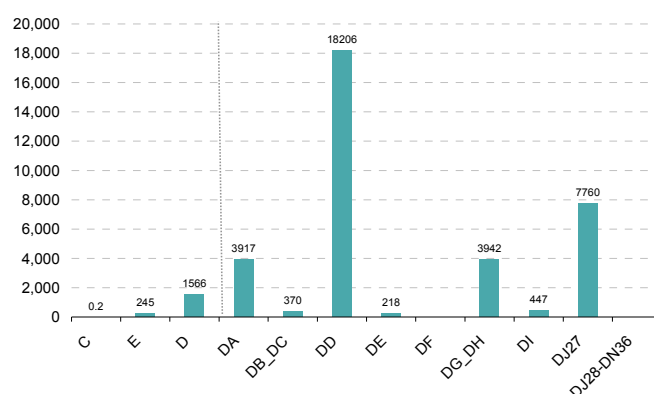
**C20-C22:** chemical, pharmaceutical, rubber and plastic products

**C23:** other non-metallic mineral products

**C24-C33:** basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure SI30** : Industry's EP for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

**C:** Mining and quarrying

**D:** Manufacturing

**DA:** food products, tobacco and beverages

**DB\_DC:** textile and leather products

**DD:** wood products

**DE:** pulp, paper products, publishing and printing

**DF:** coke, refined petroleum and nuclear fuel

**DG\_DH:** chemicals, chemical products, rubber and plastic products

**DI:** other non metallic products

**DJ27:** basic metals

**DJ28-DN36:** metal products, machinery and equipment

**E:** Electricity, gas and water supply

## Slovakia

## Public sector

Table SK1 Environmental protection expenditure in the public sector, 2009

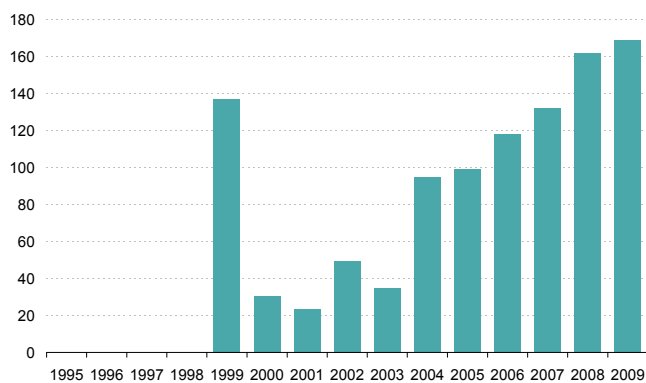
<b>Public sector</b>	<b>2009</b> (EUR million)	
EPE	168.71	
Investments	19.64	
In-house current expenditure	27.54	
Fees and purchases	121.52	
Total current expenditure	149.06	
Receipts from by-products	1.01	
Subsidies/transfers (given)	:	
Revenues	121.44	
Expenditure I	46.18	
Expenditure II	46.25	

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	0.27%	31.17

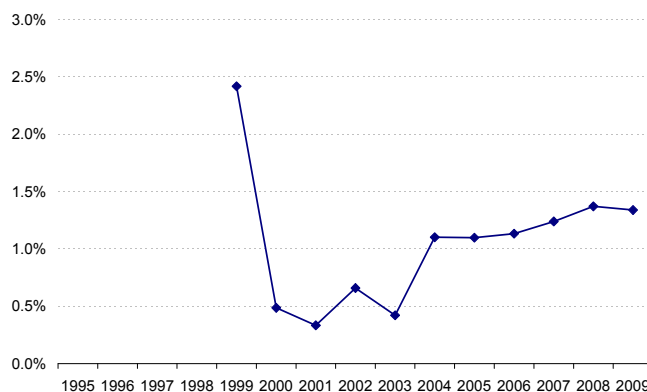
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure SK1 : Public sector's EPE, 1999-2009**  
(EUR million)



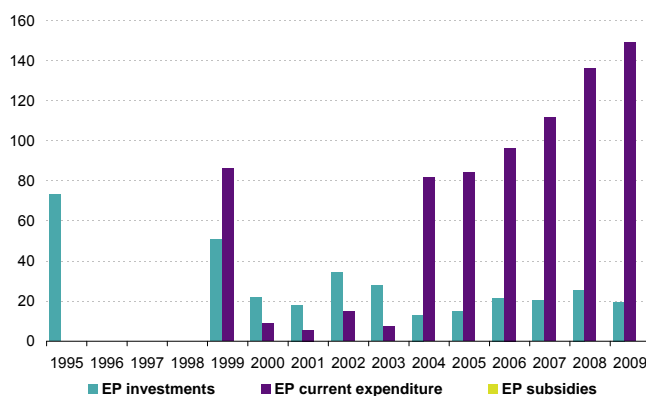
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK2 : Public sector's EPE, 1999-2009**  
(% of final consumption expenditure of general government)



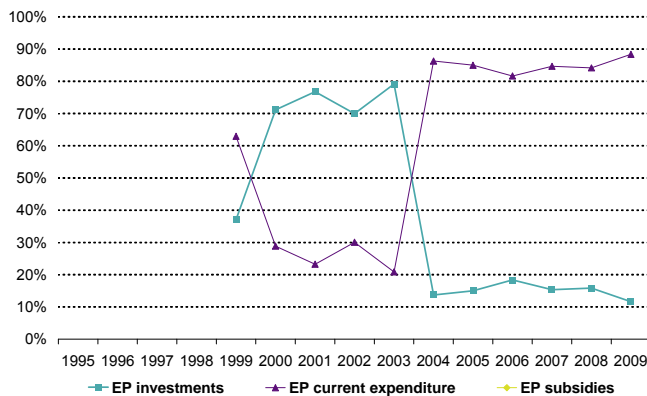
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SK3 : Public sector's EP investments, current expenditures and subsidies, 1995-2009**  
(EUR million)



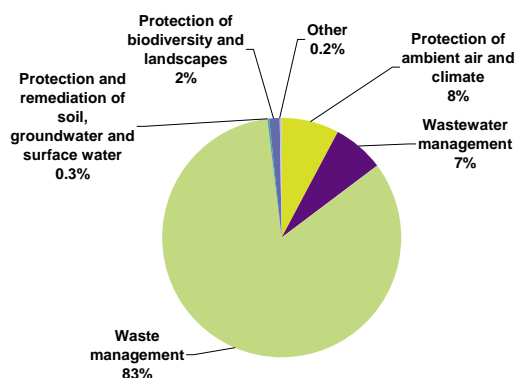
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK4 : Public sector's EP investments, current expenditures and subsidies, 1999-2009**  
(% of public sector's EPE)



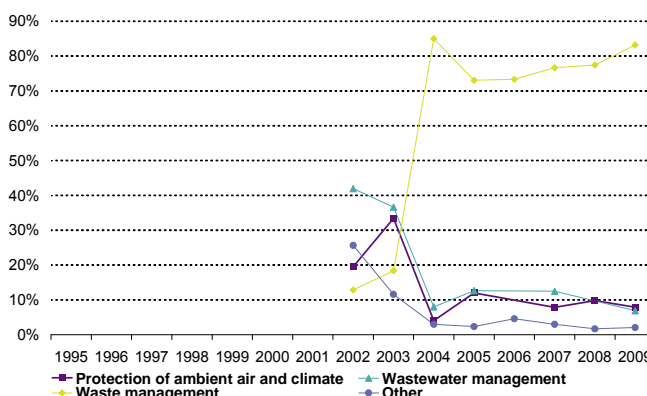
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK5 : Public sector's EPE by environmental domain, 2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK6 : Public sector's EPE by environmental domain, 2002-2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

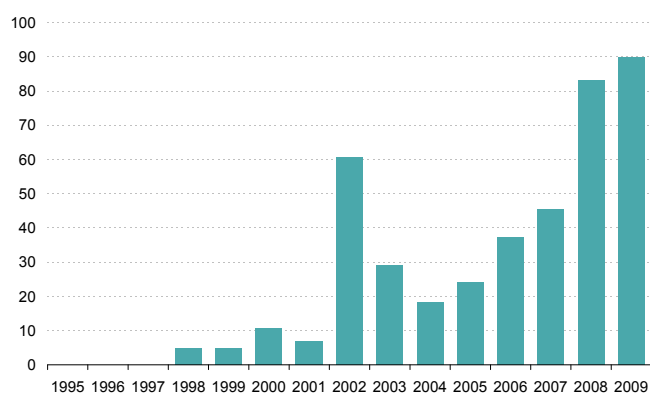
Table SK2 Environmental protection expenditure of the specialised producers, 2009

Specialised producers	2009 (EUR million)
EPE	89.92
Investments	10.55
In-house current expenditure	60.25
Fees and purchases	19.13
Total current expenditure	79.38
Receipts from by-products	18.34
Subsidies/transfers (received)	c
Revenues	130.55
Expenditure I	52.45
Expenditure II	:

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.14%	16.61

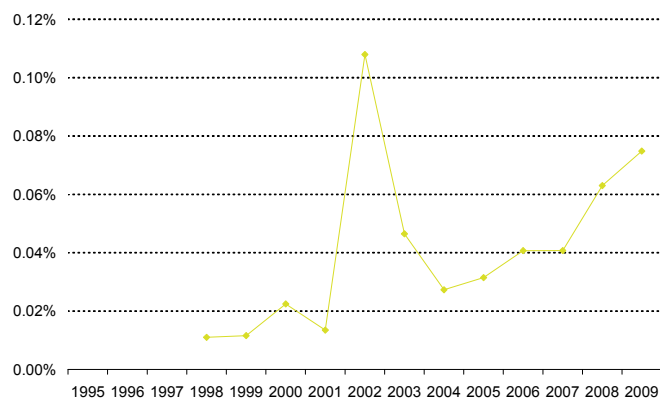
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure SK7 : Specialised producers' EPE, 1998-2009 (EUR million)



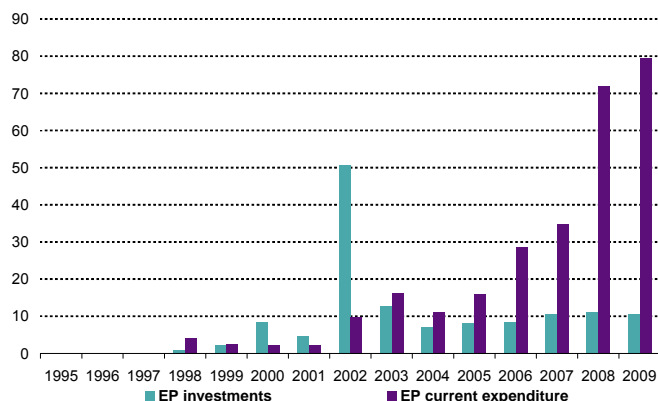
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure SK8 : Specialised producers' EPE, 1998-2009 (% of investments plus compensation of employees and intermediate consumption of business activities)



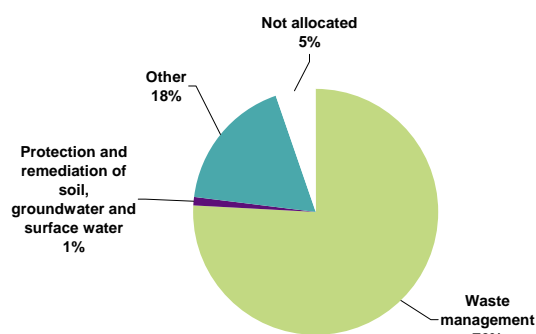
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SK9:** Specialised producers' EP investments and current expenditures, 1998-2009 (EUR million)



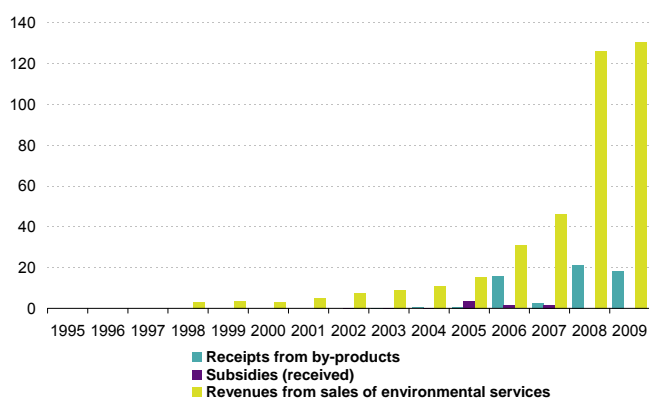
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



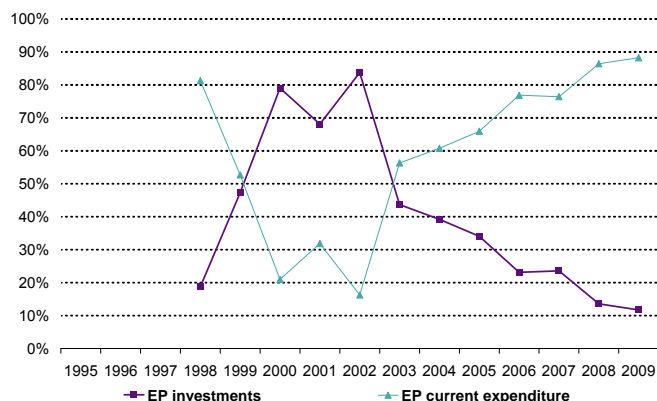
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1998-2009 (EUR million)



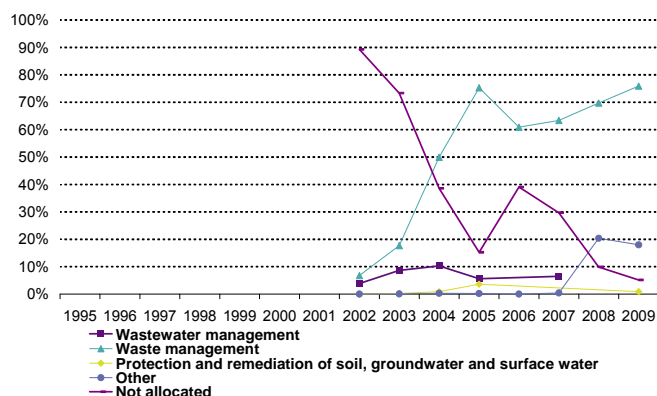
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK10:** Specialised producers' EP investments and current expenditures, 1998-2009 (% of specialised producers' EPE)



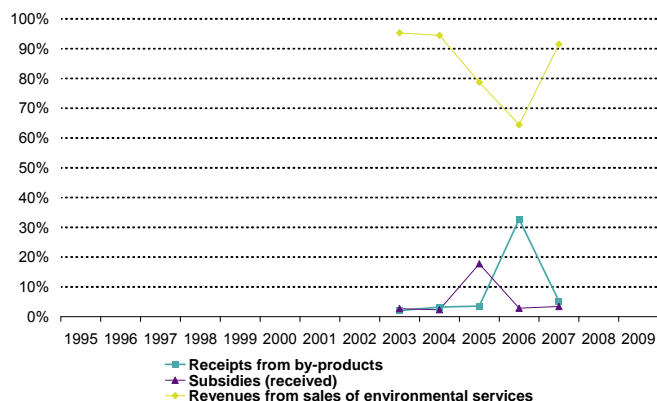
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK12:** Specialised producers' EPE by environmental domain, 2002-2009 (% of specialised producers' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2003-2007 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

Table SK3 Environmental protection expenditure by industry, 2009

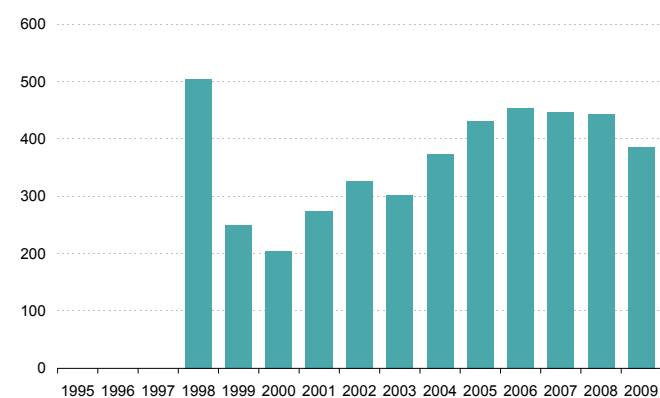
Industry	2009 (EUR million)
EPE	385.93
Pollution treatment investments	83.75
Pollution prevention investments	112.67
Investments	196.42
In-house current expenditure	99.99
Fees and purchases	89.52
Total current expenditure	189.51
Receipts from by-products	41.86
Subsidies/transfers (received)	2.09
Expenditure I	254.55
Expenditure II	341.99

Industry	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.61%	71.31

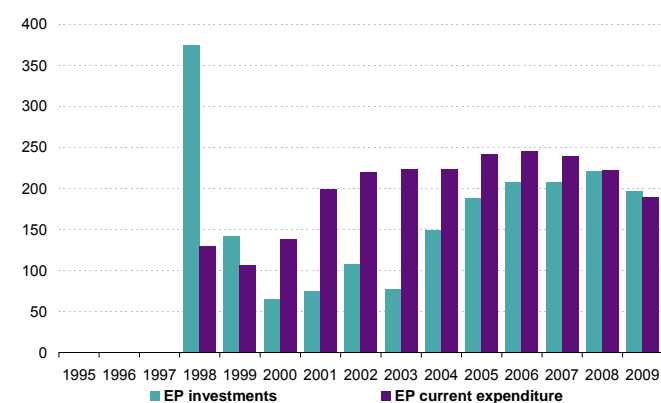
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure SK15: Industry's EPE, 1998-2009  
(EUR million)



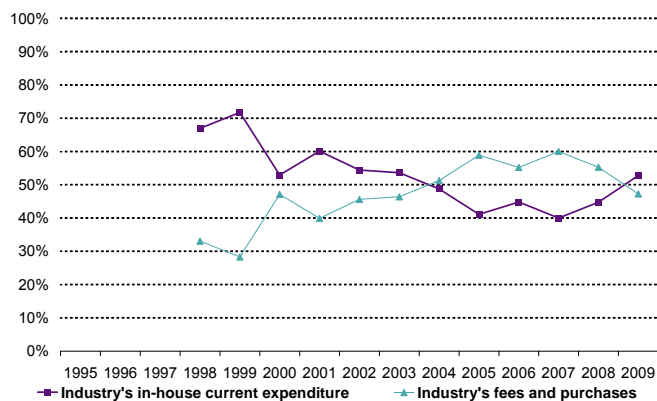
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure SK16: Industry's EP investments and current expenditures, 1998-2009  
(EUR million)



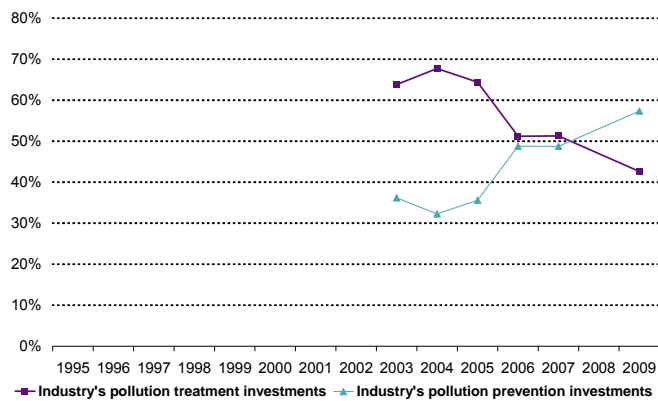
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1998-2009  
(% of industry's EP current expenditure)



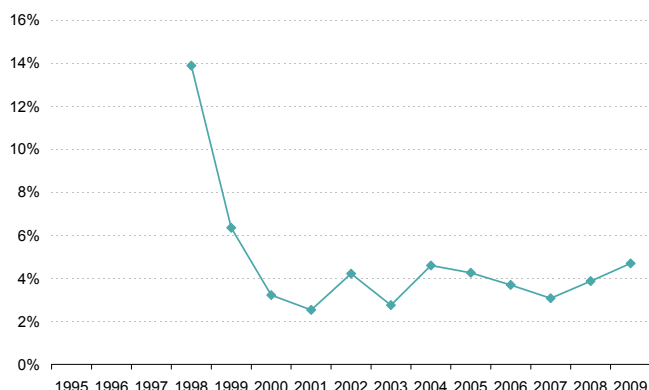
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 2003-2009  
(% of industry's EP investments)



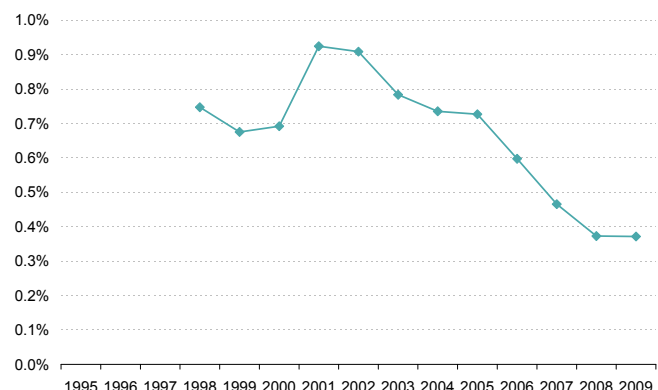
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK19 :** Industry's EP investments, 1998-2009  
(% of industry's GFCF)



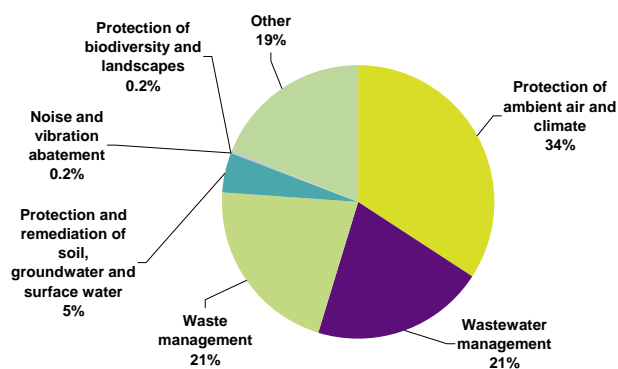
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SK20 :** Industry's EP current expenditure, 1998-2009  
(% of industry's compensation of employees plus intermediate consumption)



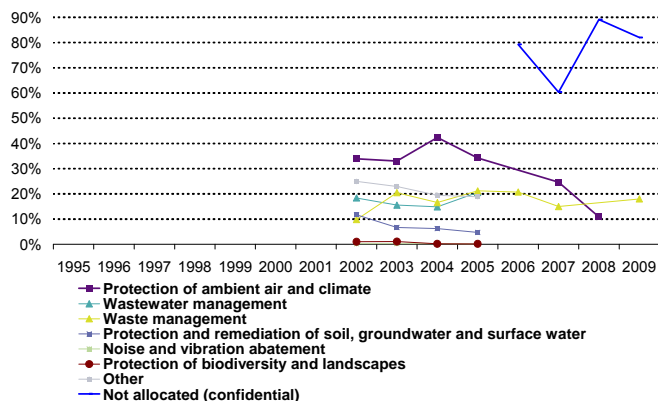
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SK21 :** Industry's EPE by environmental domain, 2005  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK22 :** Industry's EPE by environmental domain, 2002-2009  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

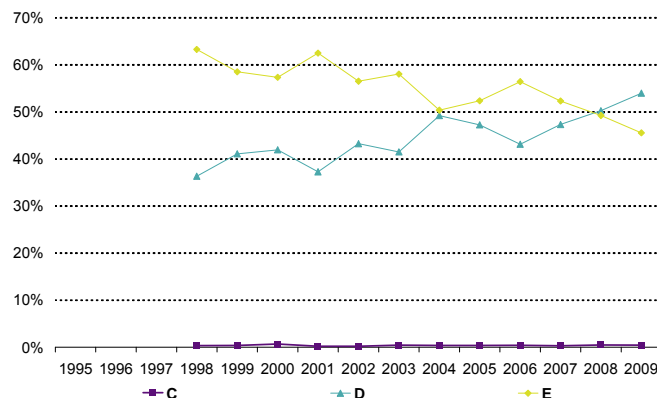


**Figure SK23 : Industry's EPE by sector, 1998-2009**  
(EUR million)



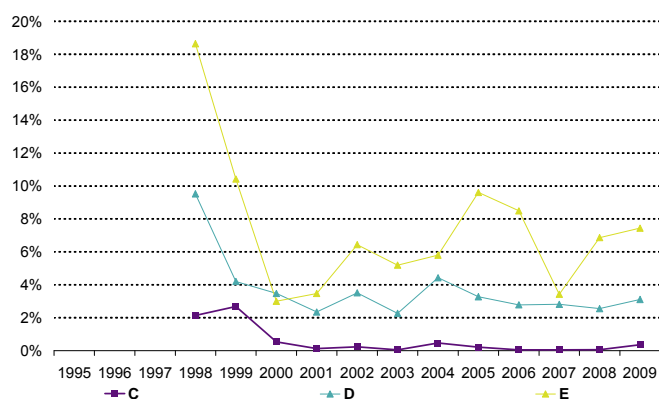
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK24 : Industry's EPE by sector, 1998-2009**  
(% of industry's EPE)



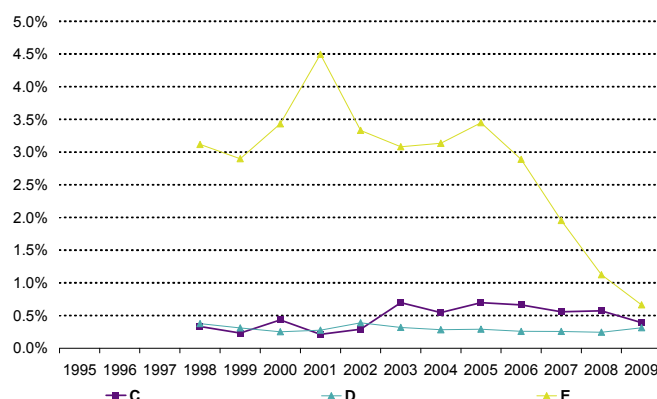
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SK25 : Industry's investments by sector, 1998-2009**  
(% of GFCF)



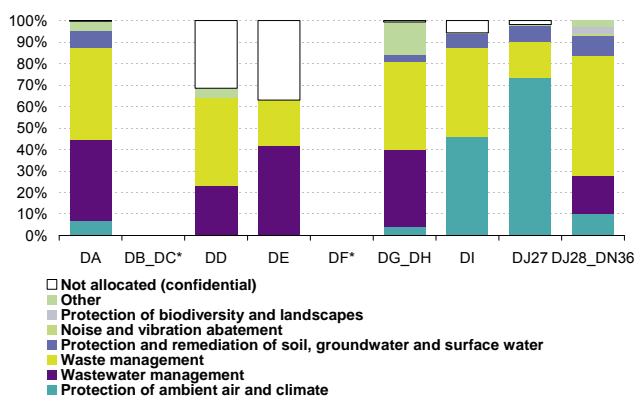
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SK26 : Industry's current expenditures by sector, 1998-2009**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SK27 : EPE in manufacturing subsectors, by environmental domain, 2009**  
(% of manufacturing subsectors' EPE)



\* Data are confidential.

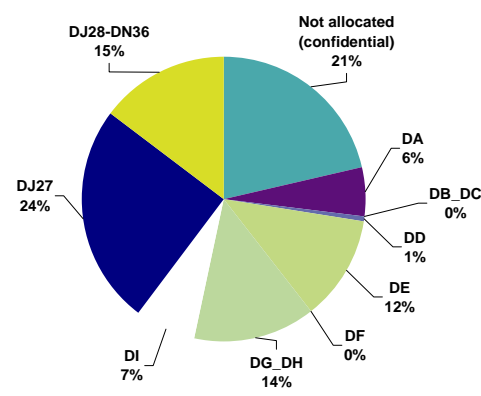
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages

DB\_DC: textile and leather products

DD: wood products

**Figure SK28 : EPE in manufacturing subsectors, 2009**  
(% of total manufacturing's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

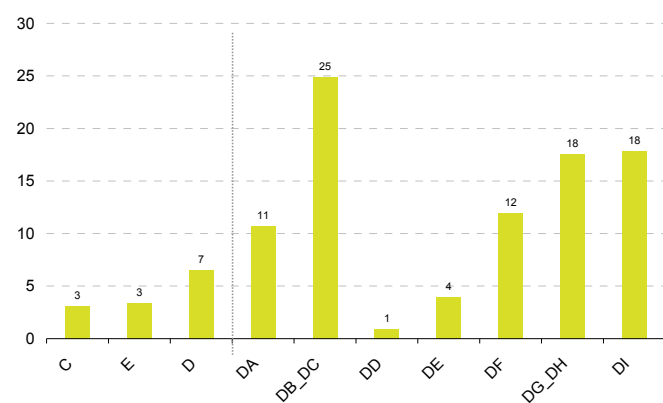
DG\_DH: chemicals, chemical products, rubber and plastic products

DI: other non metallic products

DJ27: basic metals

DE: pulp, paper products, publishing and printing  
DF: coke, refined petroleum and nuclear fuel

**Figure SK29** : Industry's EPE for waste management and industry's waste generation, 2008\* (EUR/tonne)



\*EPE for waste management refers to 2007.

Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying

D: Manufacturing

DA: food products, tobacco and beverages

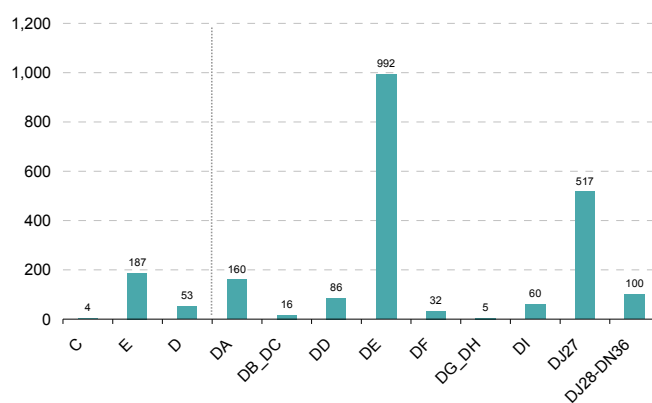
DB\_DC: textile and leather products

DD: wood products

DE: pulp, paper products, publishing and printing

DJ28\_DN36: metal products, machinery and equipment

**Figure SK30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel

DG\_DH: chemicals, chemical products, rubber and plastic products

DI: other non metallic products

DJ27: basic metals

DJ28\_DN36: metal products, machinery and equipment

E: Electricity, gas and water supply

## Finland

## Public sector

Table FI1 Environmental protection expenditure in the public sector, 2006

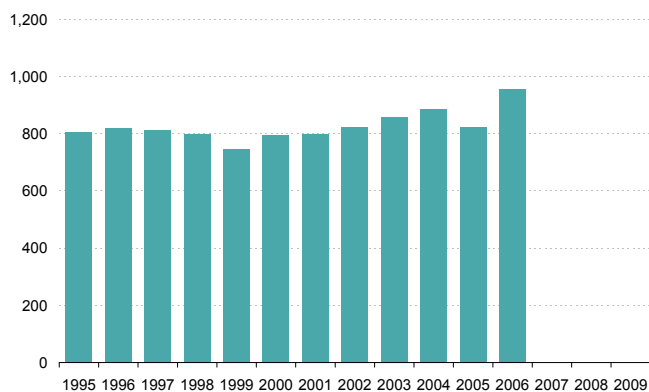
<b>Public sector</b>	<b>2006</b> (EUR million)	
EPE	957.20	
Investments	127.80	
In-house current expenditure	:	
Fees and purchases	:	
Total current expenditure	517.80	
Receipts from by-products	:	
Subsidies/transfers (given)	311.60	
Revenues	318.10	
Expenditure I	:	
Expenditure II	:	

<b>Public sector</b>	<b>2006</b>	
	(% of GDP)	(EUR per capita)
EPE	0.58%	182.13

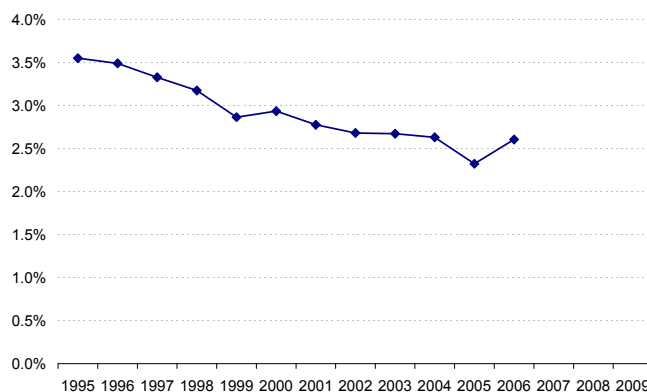
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure FI1 :** Public sector's EPE, 1995-2006 (EUR million)



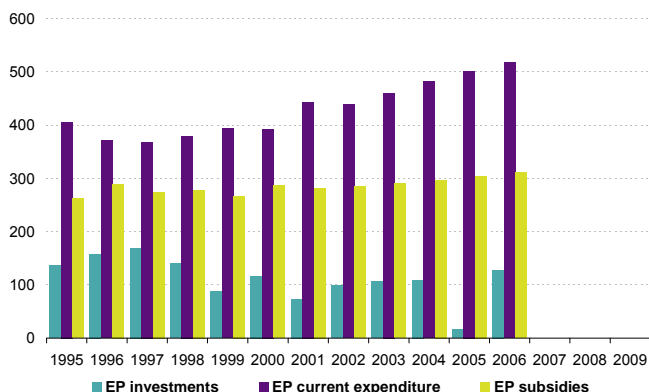
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FI2 :** Public sector's EPE, 1995-2006 (% of final consumption expenditure of general government)



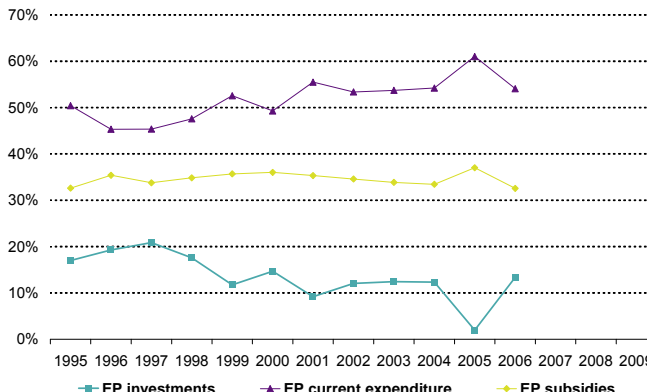
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure FI3 :** Public sector's EP investments, current expenditures and subsidies, 1995-2006 (EUR million)



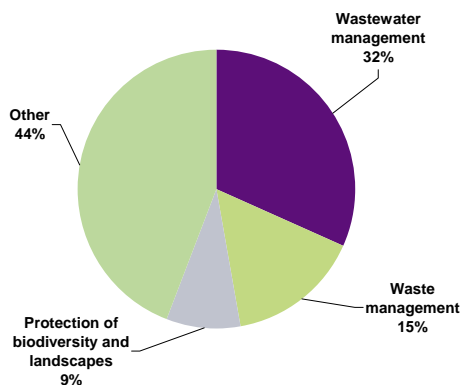
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FI4 :** Public sector's EP investments, current expenditures and subsidies, 1995-2006 (% of public sector's EPE)



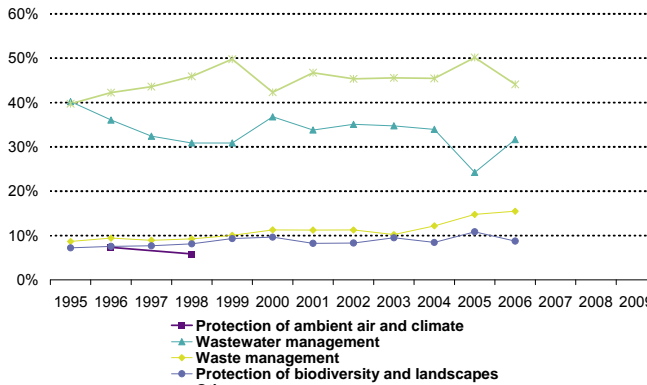
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FI5 :** Public sector's EPE by environmental domain, 2006 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure FI6 :** Public sector's EPE by environmental domain, 1995-2006 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

Table FI2 Environmental protection expenditure of the specialised producers, 2006

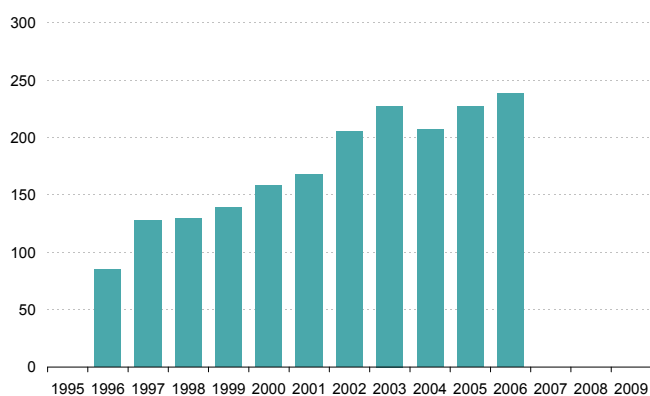
Specialised producers	2006 (EUR million)
EPE	238.70
Investments	98.40
In-house current expenditure	:
Fees and purchases	:
Total current expenditure	140.30
Receipts from by-products	:
Subsidies/transfers (received)	:
Revenues	254.20
Expenditure I	:
Expenditure II	:

Specialised producers	2006 (% of GDP)	2006 (EUR per capita)
EPE	0.14%	45.42

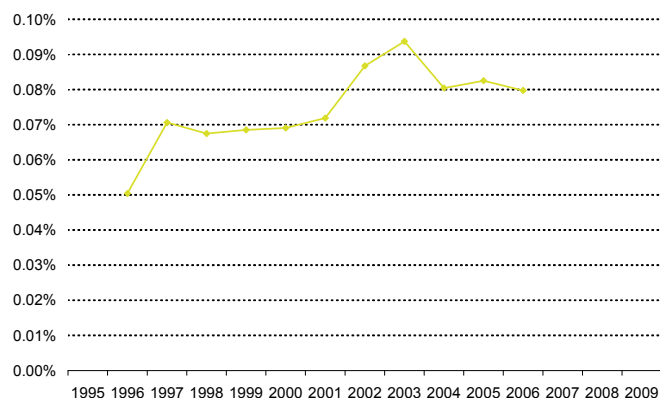
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure FI7 : Specialised producers' EPE, 1996-2006 (EUR million)



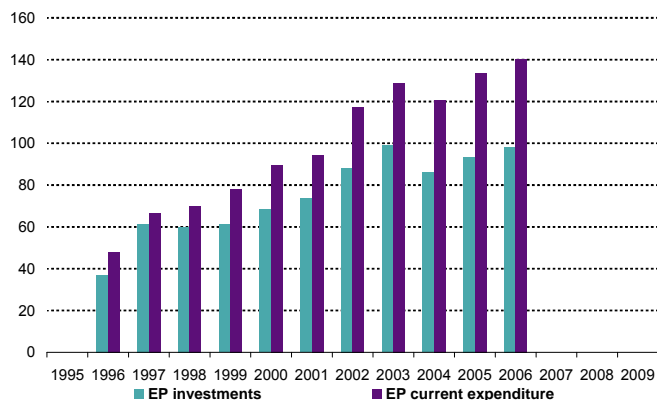
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure FI8 : Specialised producers' EPE, 1996-2006 (% of investments plus compensation of employees and intermediate consumption of business activities)



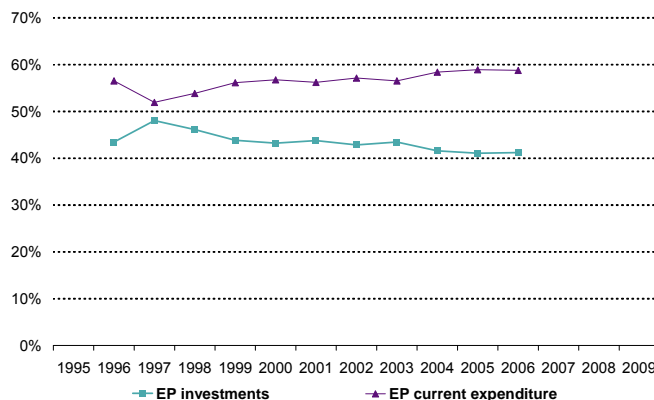
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure Fl9:** Specialised producers' EP investments and current expenditures, 1996-2006 (EUR million)



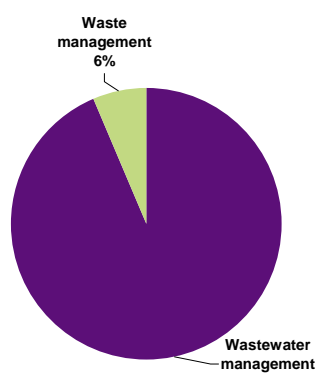
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure Fl10:** Specialised producers' EP investments and current expenditures, 1996-2006 (% of specialised producers' EPE)



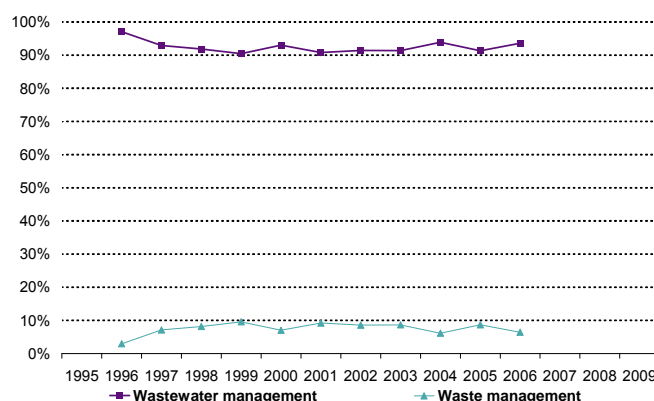
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure Fl11:** Specialised producers' EPE by environmental domain, 2006 (% of specialised producers' EPE)



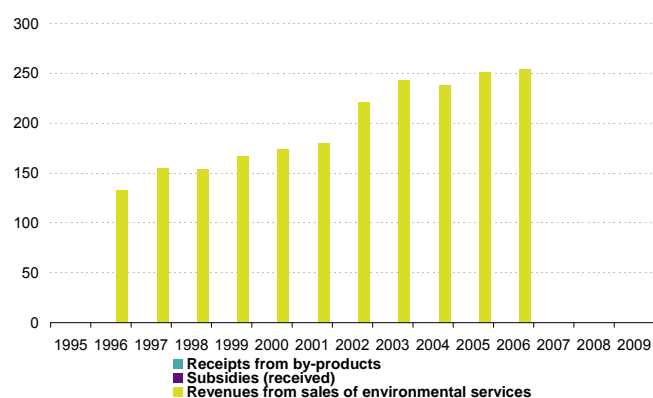
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure Fl12:** Specialised producers' EPE by environmental domain, 1996-2006 (% of specialised producers' EPE)



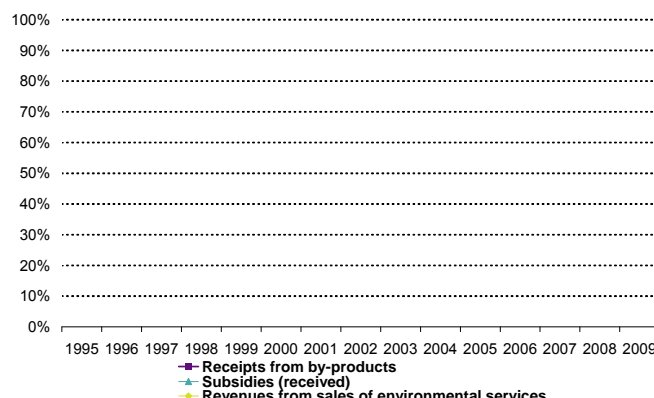
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure Fl13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1996-2006 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure Fl14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (% of specialised producers' EP revenues)



\* No data on receipts from by-products and subsidies available.

## Industry

Table FI3 Environmental protection expenditure by industry, 2008

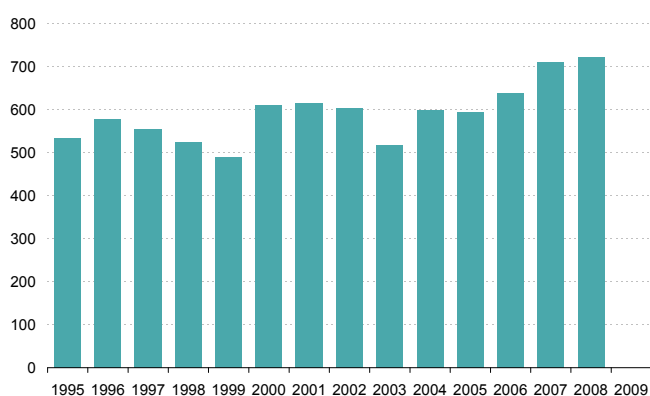
Industry	2008 (EUR million)
EPE	720.50
Pollution treatment investments	143.30
Pollution prevention investments	85.80
Investments	229.10
In-house current expenditure	303.40
Fees and purchases	188.20
Total current expenditure	491.40
Receipts from by-products	:
Subsidies/transfers (received)	0.60
Expenditure I	532.50
Expenditure II	720.10

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.39%	135.93

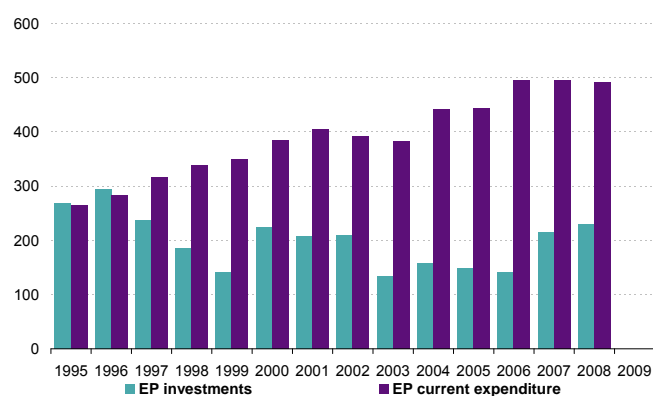
Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure FI15 : Industry's EPE, 1995-2008  
(EUR million)



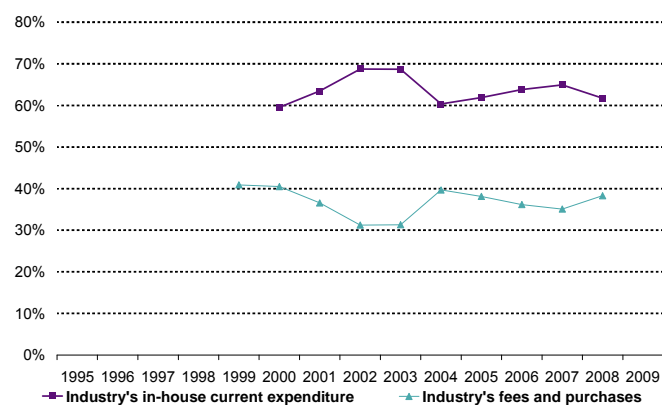
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

Figure FI16 : Industry's EP investments and current expenditures, 1995-2008  
(EUR million)



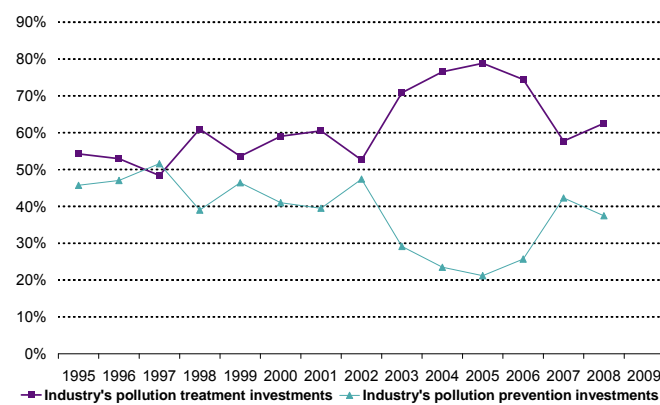
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure Fl17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1999-2008 (% of industry's EP current expenditure)



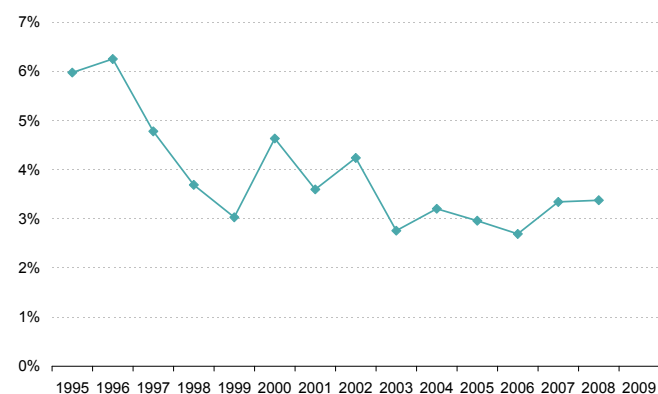
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure Fl18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1995-2008 (% of industry's EP investments)



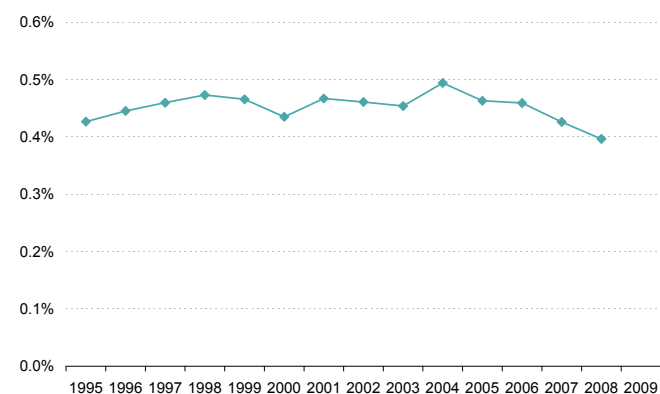
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure Fl19 :** Industry's EP investments, 1995-2008 (% of industry's GFCF)



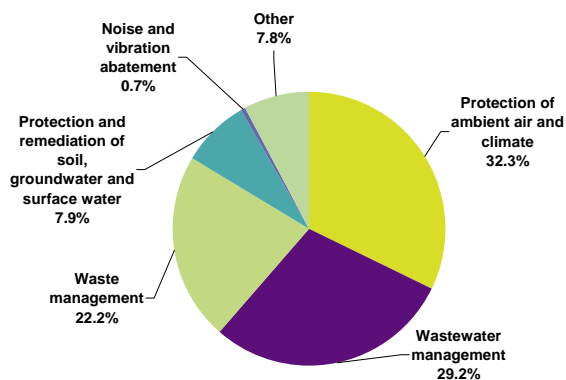
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure Fl20 :** Industry's EP current expenditure, 1995-2008 (% of industry's compensation of employees plus intermediate consumption)



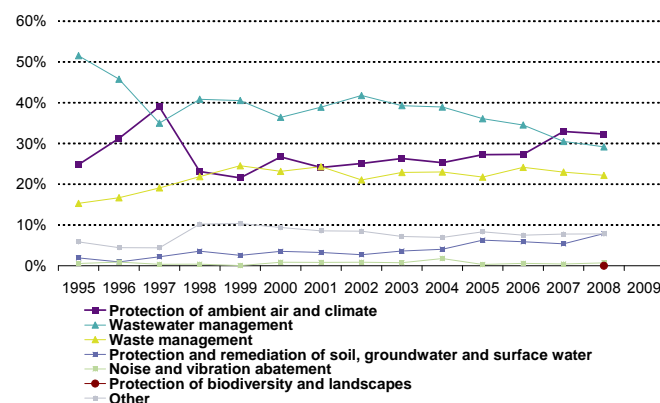
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure Fl21 :** Industry's EPE by environmental domain, 2008 (% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

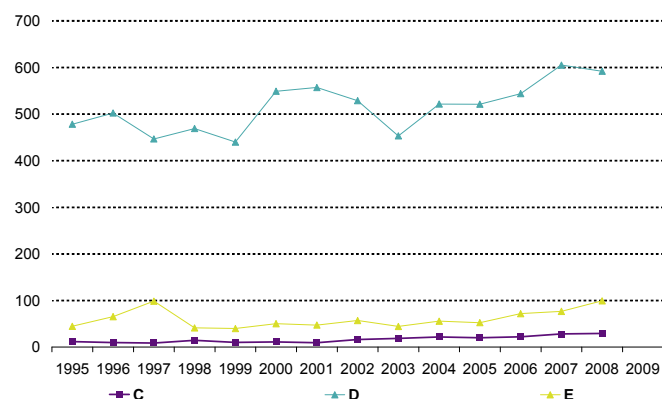
**Figure Fl22 :** Industry's EPE by environmental domain, 1995-2008 (% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

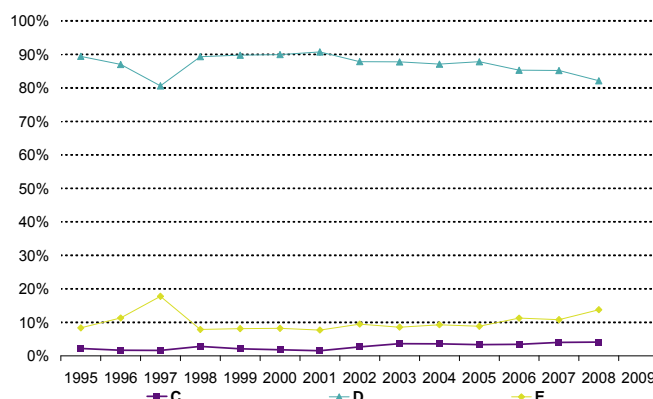


**Figure Fl23 : Industry's EPE by sector, 1995-2008**  
(EUR million)



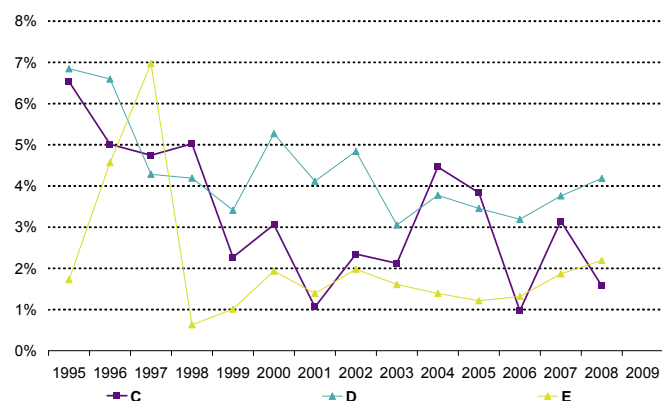
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure Fl24 : Industry's EPE by sector, 1995-2008**  
(% of industry's EPE)



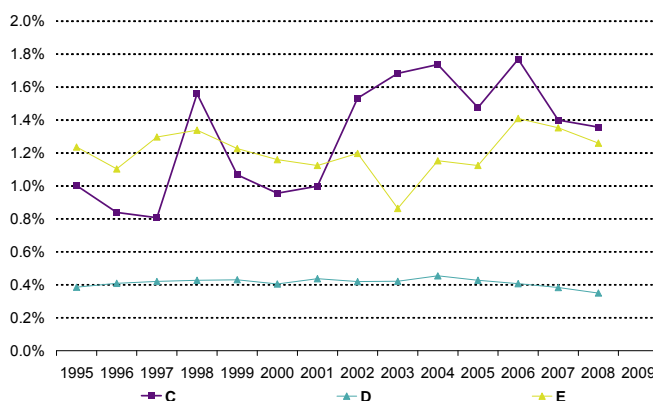
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#))

**Figure Fl25 : Industry's investments by sector, 1995-2008**  
(% of GFCF)



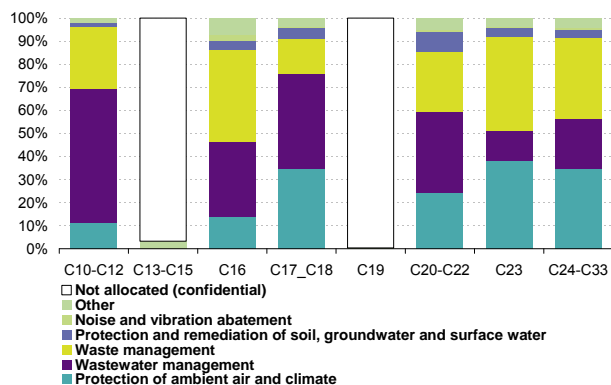
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

**Figure Fl26 : Industry's current expenditures by sector, 1995-2008**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_exp1r2](#), [nama\\_nace31\\_c](#))

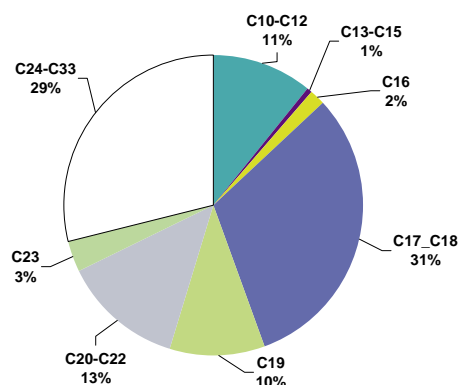
**Figure Fl27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- B: Mining and quarrying
- D: Electricity, gas and water supply
- C: Manufacturing
- C10-C12: food products, tobacco and beverages

**Figure Fl28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)

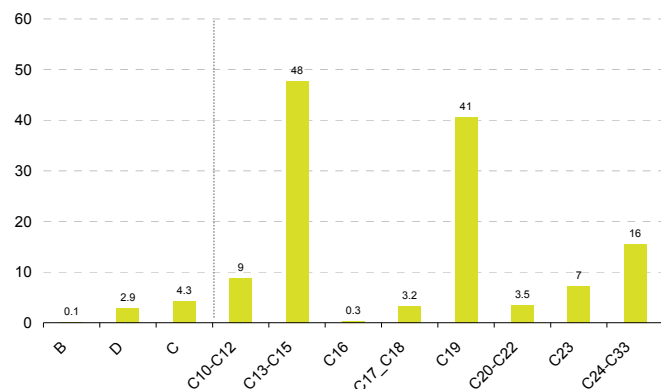


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#))

- C19: coke and refined petroleum products
- C20-C22: chemical, pharmaceutical, rubber and plastic products
- C23: other non-metallic mineral products
- C24-C33: basic metals and fabricated metal products, except

C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media

**Figure Fl29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

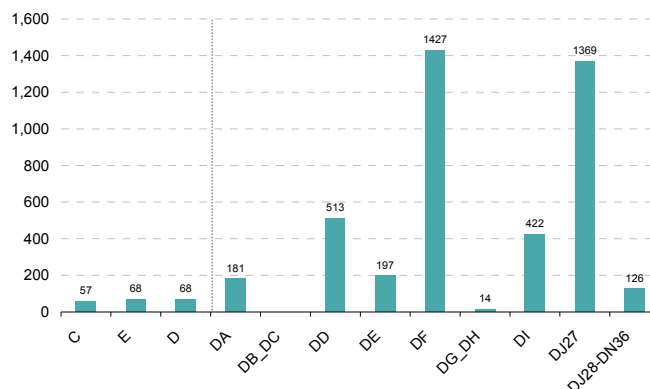


Source: Eurostat (online data code: [env\\_ac\\_exp1r2](#), [env\\_wasgen](#))

B: Mining and quarrying  
 D: Electricity, gas and water supply  
 C: Manufacturing  
 C10-C12: food products, tobacco and beverages  
 C13-C15: textile and leather products  
 C16: wood products  
 C17-C18: pulp, paper products, publishing and printing and reproduction of recorded media  
 C19: coke and refined petroleum products  
 C20-C22: chemical, pharmaceutical, rubber and plastic products  
 C23: other non-metallic mineral products  
 C24-C33: basic metals and fabricated metal products, except machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

machinery and equipment; of computer, electronic and optical products, electrical equipment, motor vehicles and other transport equipment; furniture; jewellery, musical instruments, toys; repair and installation of machinery and equipment

**Figure Fl30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28-DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply

## Sweden

## Public sector

Table SE1 Environmental protection expenditure in the public sector, 2007

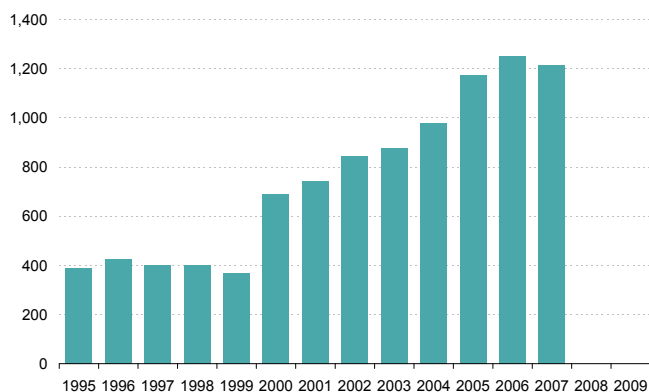
<b>Public sector</b>	<b>2007</b> (EUR million)	
EPE	1 215.45	
Investments	107.89	
In-house current expenditure	:	
Fees and purchases	:	
Total current expenditure	821.07	
Receipts from by-products	:	
Subsidies/transfers (given)	286.48	
Revenues	:	
Expenditure I	:	
Expenditure II	:	

<b>Public sector</b>	<b>2007</b>	
	(% of GDP)	(EUR per capita)
EPE	0.36%	133.37

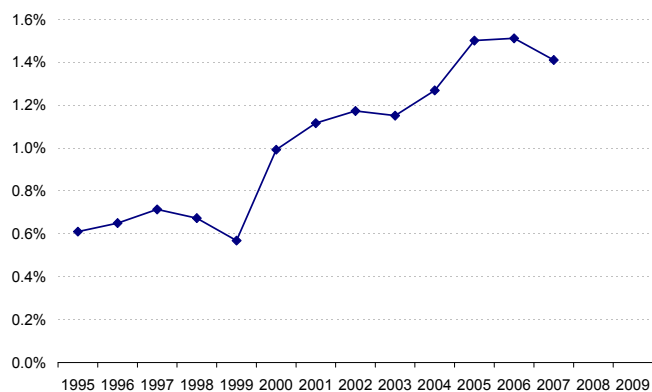
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure SE1 : Public sector's EPE, 1995-2007**  
(EUR million)



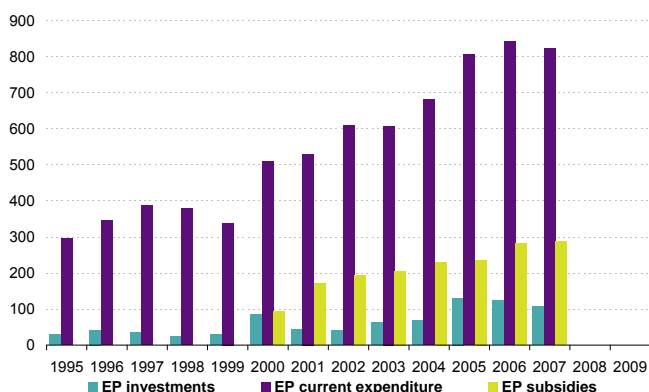
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE2 : Public sector's EPE, 1995-2007**  
(% of final consumption expenditure of general government)



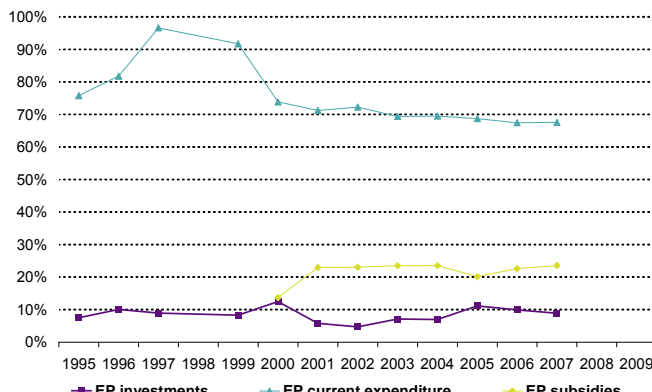
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SE3 : Public sector's EP investments, current expenditures and subsidies, 1995-2007**  
(EUR million)



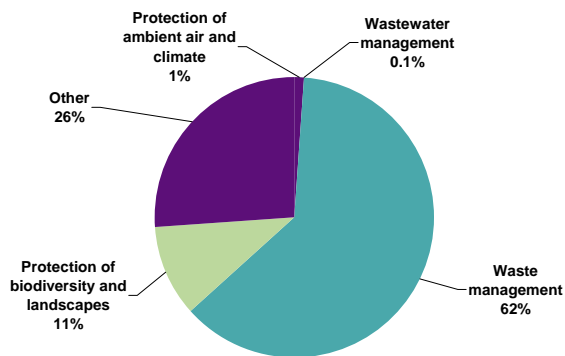
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE4 : Public sector's EP investments, current expenditures and subsidies, 1995-2007**  
(% of public sector's EPE)



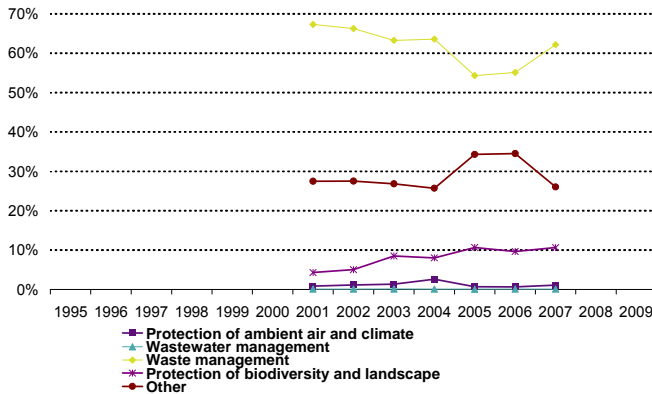
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE5 : Public sector's EPE by environmental domain, 2007**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE6 : Public sector's EPE by environmental domain, 1995-2007**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

**Table SE2** Environmental protection expenditure of the specialised producers, 2006

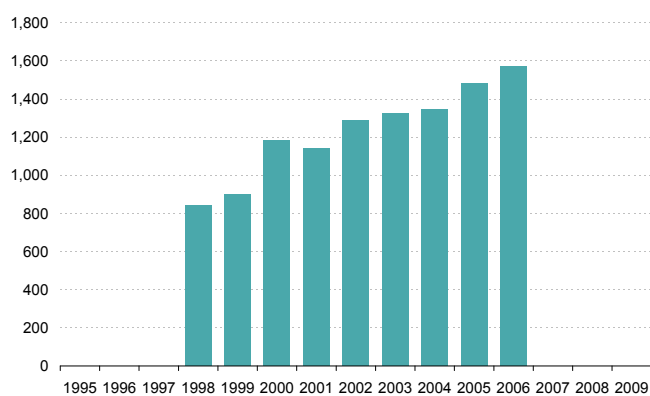
Specialised producers	2006 (EUR million)
EPE	1 571.25
Investments	378.74
In-house current expenditure	:
Fees and purchases	:
Total current expenditure	1 192.51
Receipts from by-products	:
Subsidies/transfers (received)	-0.65
Revenues	:
Expenditure I	:
Expenditure II	:

Specialised producers	2006 (% of GDP)	2006 (EUR per capita)
EPE	0.49%	173.66

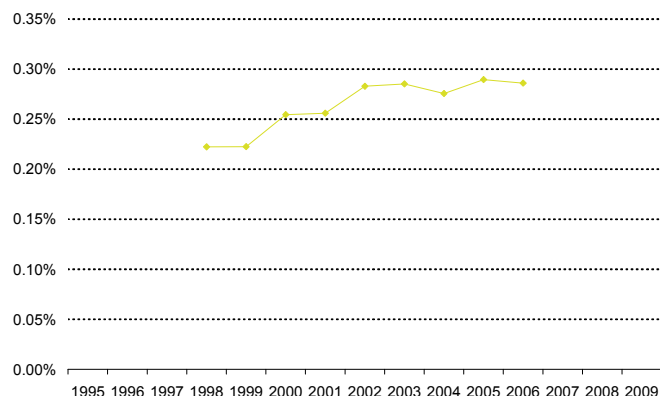
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure SE7** : Specialised producers' EPE, 1998-2006 (EUR million)



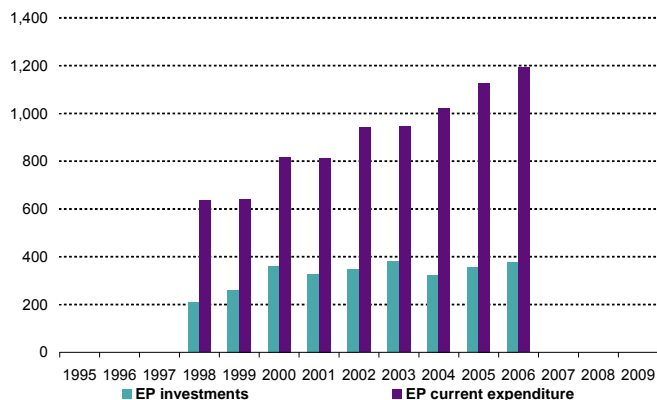
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE8** : Specialised producers' EPE, 1998-2006 (% of investments plus compensation of employees and intermediate consumption of business activities)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SE9:** Specialised producers' EP investments and current expenditures, 1998-2006 (EUR million)

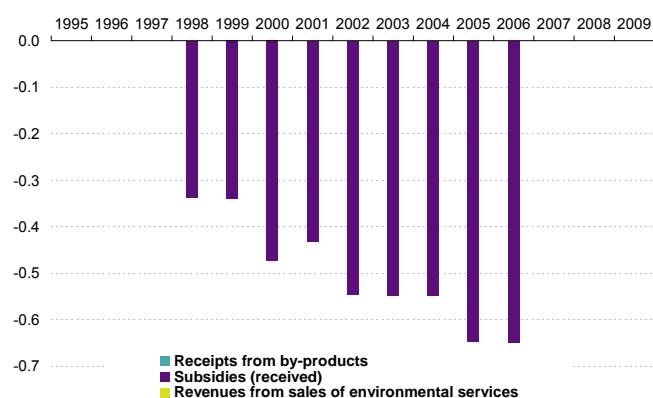


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE11:** Specialised producers' EPE by environmental domain\* (% of specialised producers' EPE)

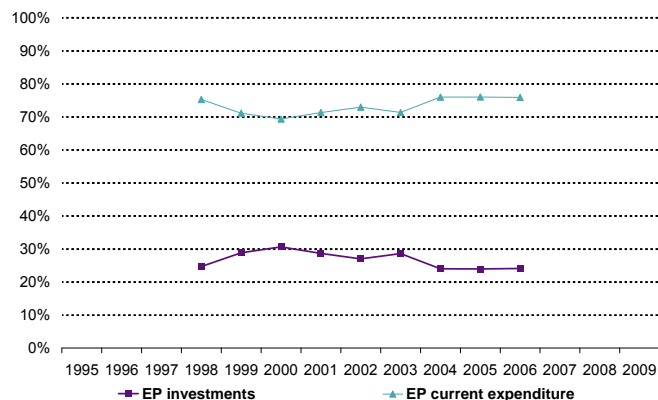
\* No data available.

**Figure SE13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 1998-2006 (EUR million)



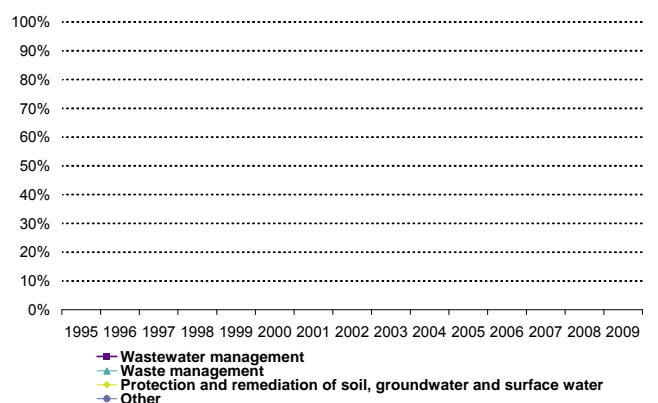
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE10:** Specialised producers' EP investments and current expenditures, 1998-2006 (% of specialised producers' EPE)



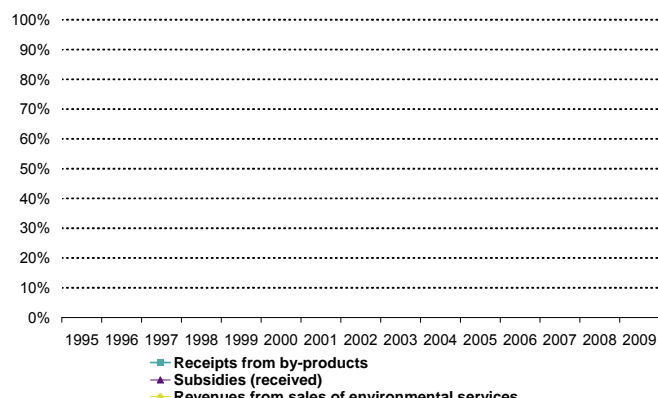
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE12:** Specialised producers' EPE by environmental domain\* (% of specialised producers' EPE)



\* No data available.

**Figure SE14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (% of specialised producers' EP revenues)



\* No data on receipts from by-products and revenues from sales of environmental services available.

## Industry\*

Table SE3 Environmental protection expenditure by industry, 2009

Industry	2009 (EUR million)
EPE	945.93
Pollution treatment investments	134.00
Pollution prevention investments	156.35
Investments	290.35
In-house current expenditure	365.16
Fees and purchases	290.42
Total current expenditure	655.58
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	:
Expenditure II	:

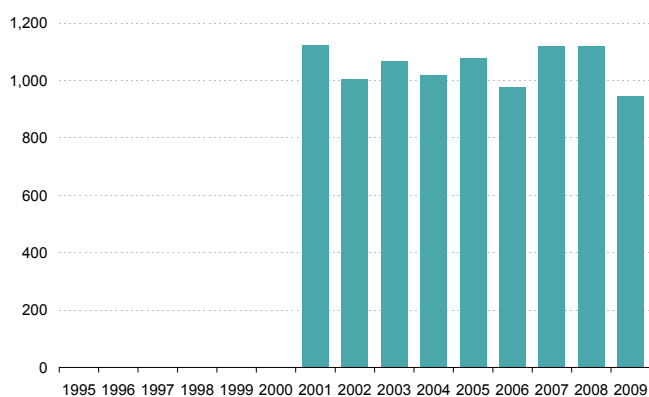
  

Industry	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.33%	102.19

\* Only manufacturing and electricity, gas and water supply sectors are included.

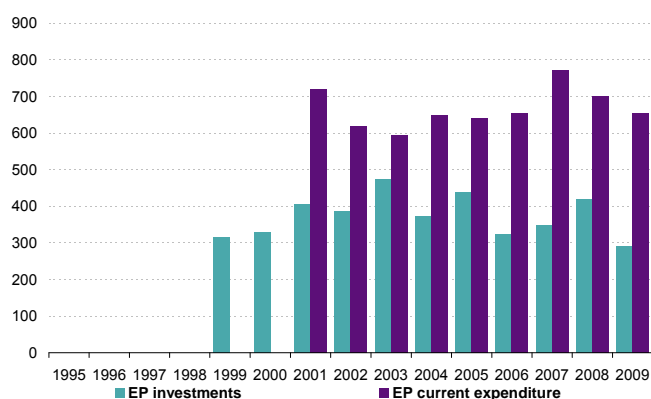
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure SE15 : Industry's EPE, 2001-2009  
(EUR million)



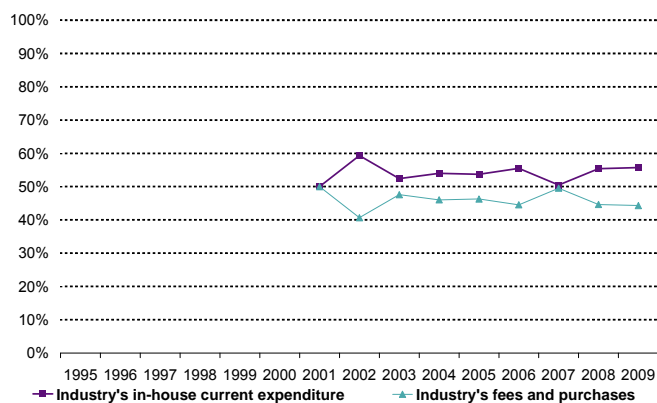
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure SE16 : Industry's EP investments and current expenditures, 1999-2009  
(EUR million)



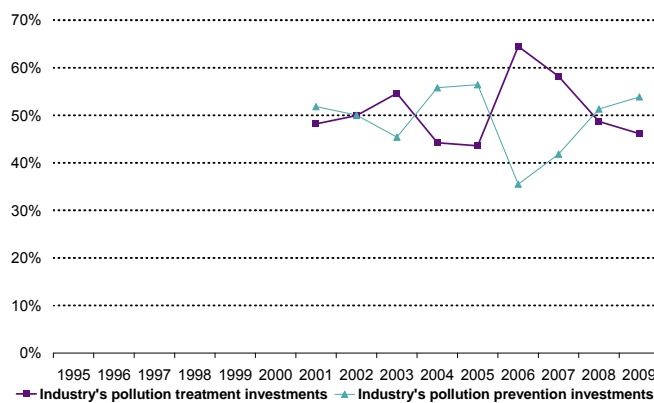
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2001-2009 (% of industry's EP current expenditure)



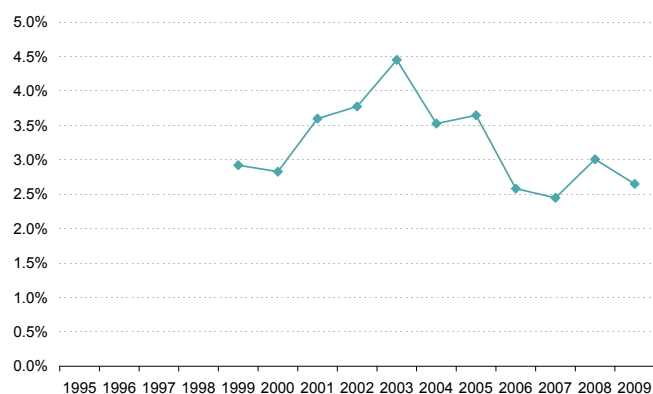
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 2001-2009 (% of industry's EP investments)



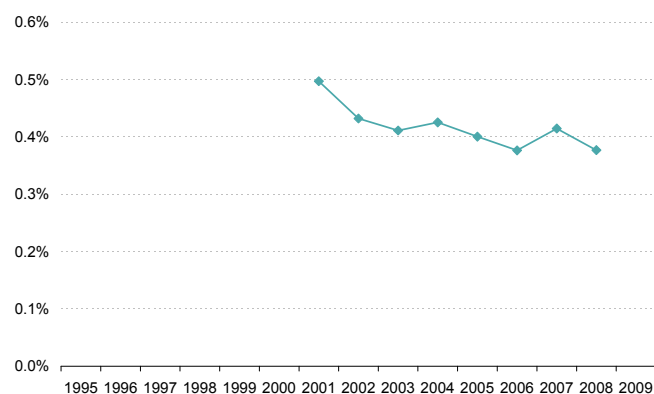
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE19 :** Industry's EP investments, 1999-2009 (% of industry's GFCF)



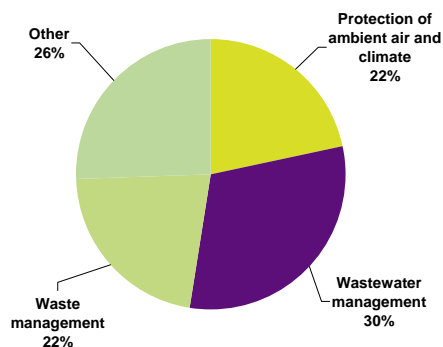
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SE20 :** Industry's EP current expenditure, 1999-2008 (% of industry's compensation of employees plus intermediate consumption)



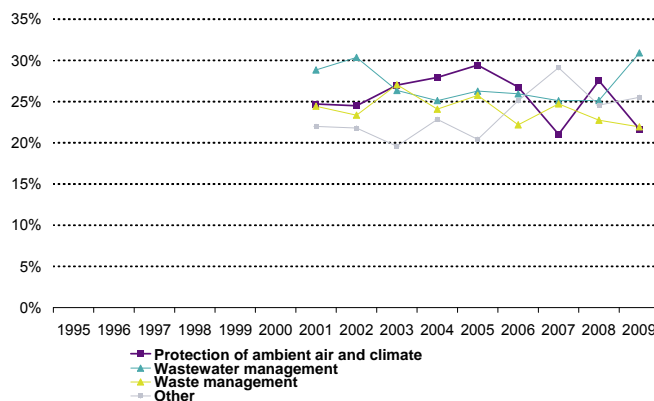
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SE21 :** Industry's EPE by environmental domains, 2009 (% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

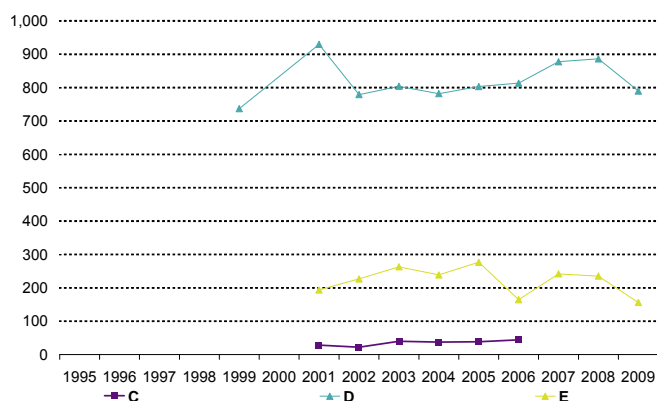
**Figure SE22 :** Industry's EPE by environmental domain, 2001-2009 (% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

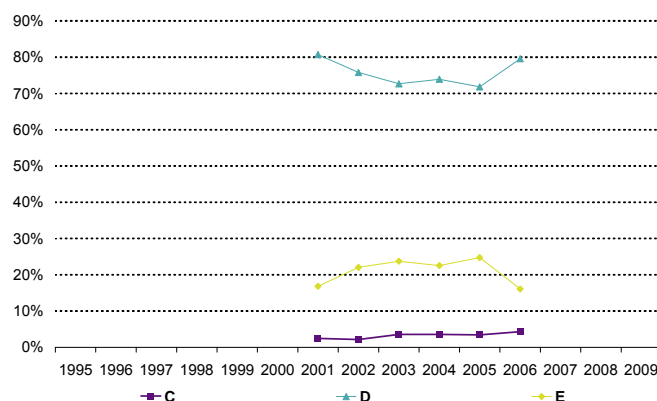


**Figure SE23 : Industry's EPE by sector, 1999-2009**  
(EUR million)



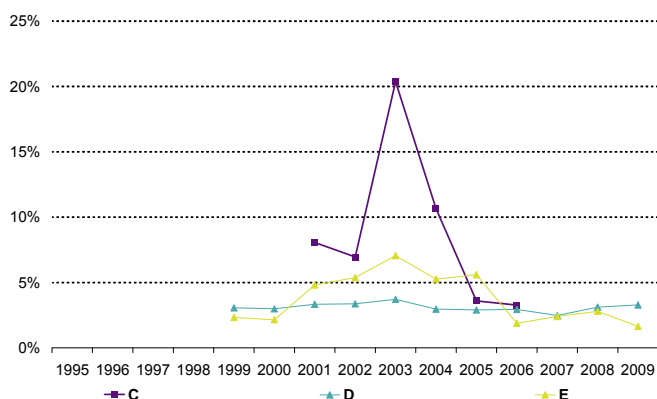
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE24 : Industry's EPE by sector, 2001-2006**  
(% of industry's EPE)



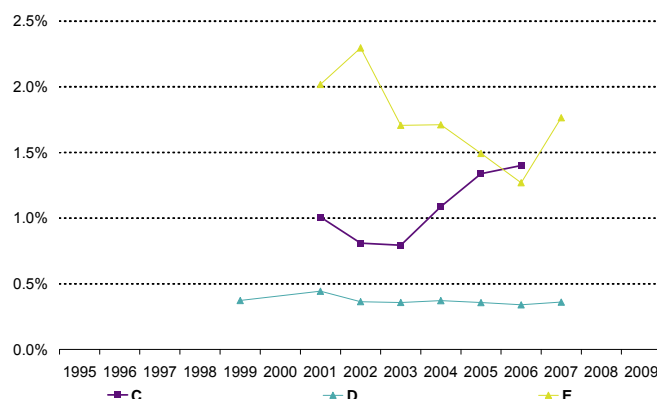
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure SE25 : Industry's investments by sector, 1999-2009**  
(% of GFCF)



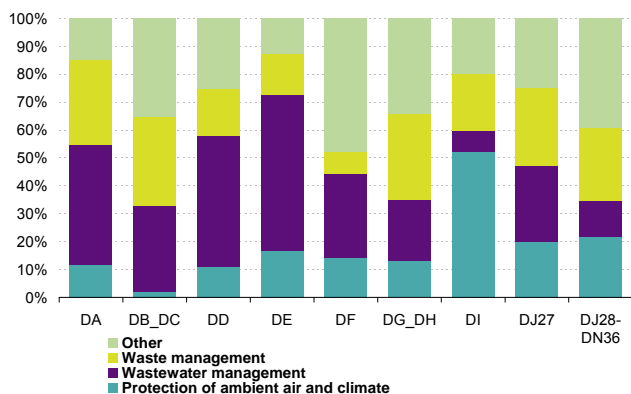
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure SE26 : Industry's current expenditures by sector, 1999-2007**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

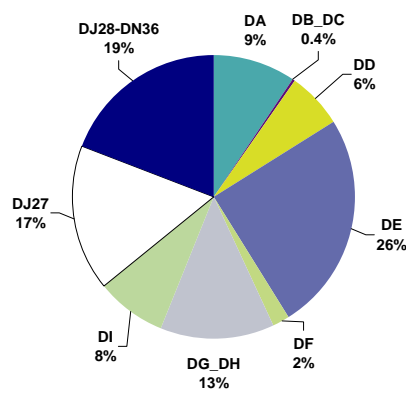
**Figure SE27 : EPE in manufacturing subsectors by environmental domain, 2009**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products  
DE: pulp, paper products, publishing and printing

**Figure SE28 : EPE in manufacturing subsectors, 2009**  
(% of total manufacturing's EPE)

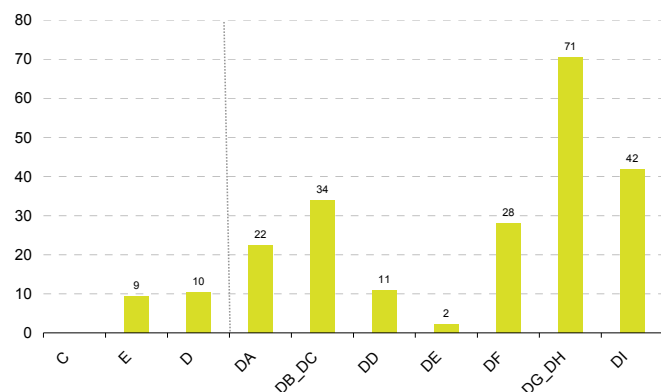


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals  
DJ28\_DN36: metal products, machinery and equipment

DF: coke, refined petroleum and nuclear fuel

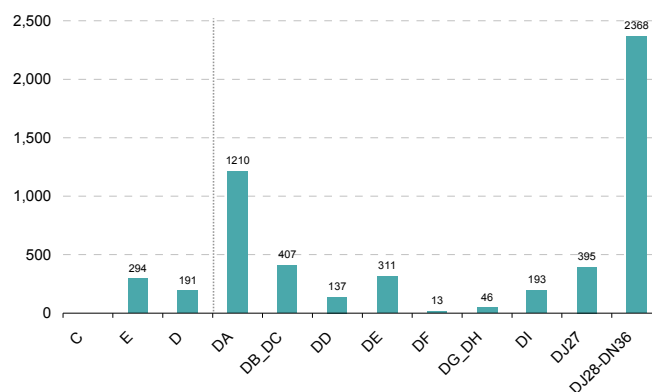
**Figure SE29** : Industry's EPE for waste management and industry's waste generation, 2008\* (EUR/tonne)



\*EPE for waste management refers to 2007.

Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

**Figure SE30** : Industry's EPE for air protection and industry's GHG emissions, 2005 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

C: Mining and quarrying

D: Manufacturing

DA: food products, tobacco and beverages

DB\_DC: textile and leather products

DD: wood products

DE: pulp, paper products, publishing and printing

DF: coke, refined petroleum and nuclear fuel

DG\_DH: chemicals, chemical products, rubber and plastic products

DI: other non metallic products

DJ27: basic metals

DJ28\_DN36: metal products, machinery and equipment

E: Electricity, gas and water supply

## United Kingdom

## Public sector

Table UK1 Environmental protection expenditure in the public sector, 2004

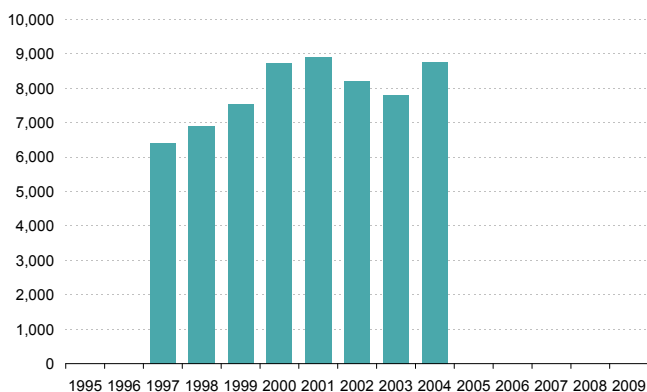
<b>Public sector</b>	<b>2004</b> (EUR million)	
EPE	8 747.24	
Investments	1 455.07	
In-house current expenditure	:	
Fees and purchases	:	
Total current expenditure	6 979.93	
Receipts from by-products	:	
Subsidies/transfers (given)	312.23	
Revenues	63.07	
Expenditure I	:	
Expenditure II	:	

<b>Public sector</b>	<b>2004</b>	
	(% of GDP)	(EUR per capita)
EPE	0.49%	146.53

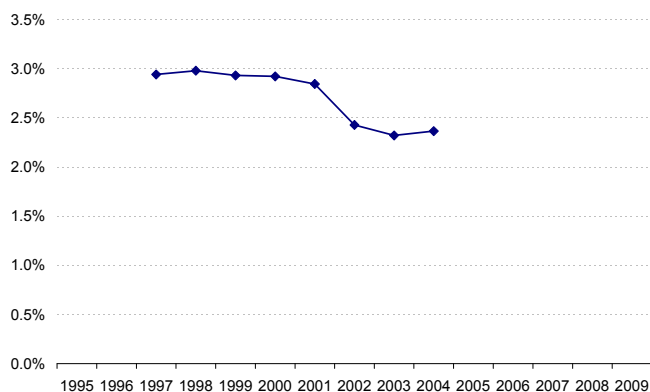
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure UK1** : Public sector's EPE, 1997-2004 (EUR million)



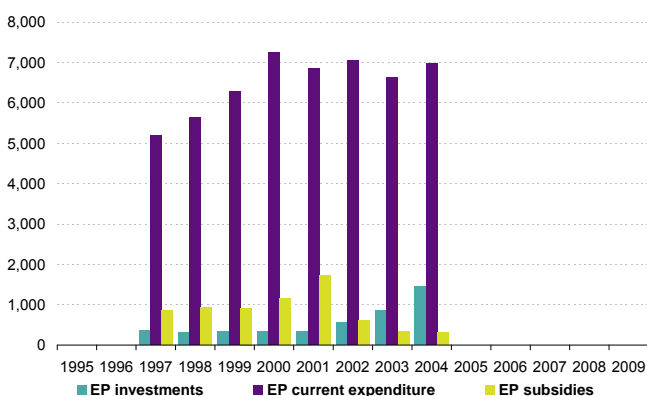
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK2** : Public sector's EPE, 1997-2004 (% of final consumption expenditure of general government)



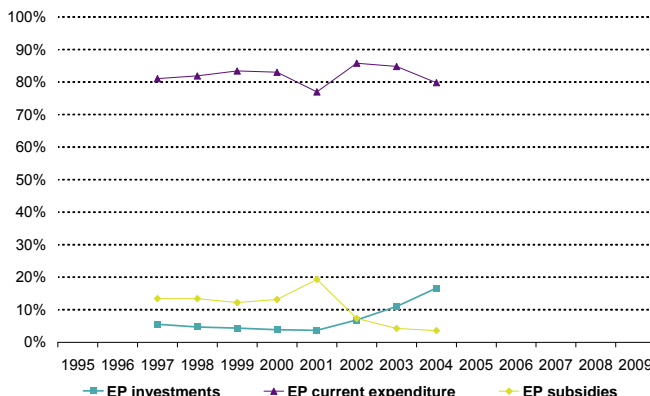
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure UK3** : Public sector's EP investments, current expenditures and subsidies, 1997-2004 (EUR million)



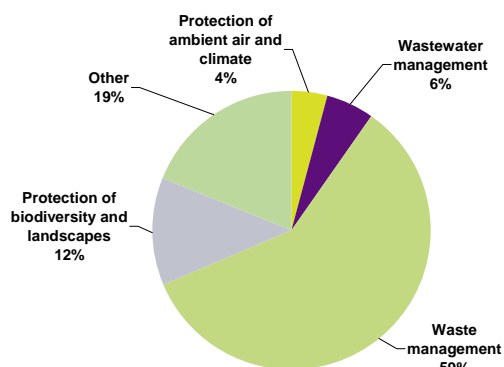
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK4** : Public sector's EP investments, current expenditures and subsidies, 1997-2004 (% of public sector's EPE)



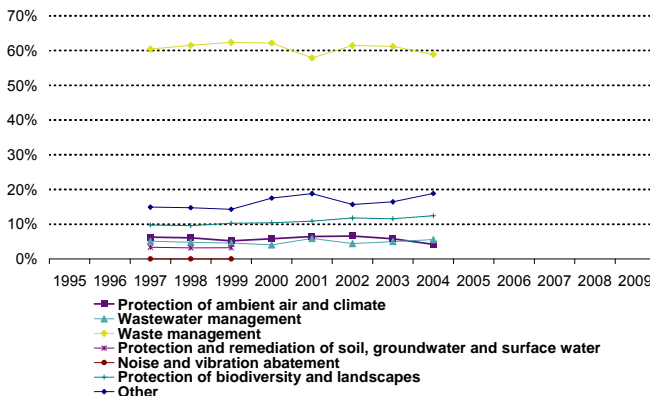
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK5** : Public sector's EPE by environmental domain, 2004 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK6** : Public sector's EPE by environmental domain, 1997-2004 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

Table UK3 Environmental protection expenditure by industry, 2008

Industry	2008 (EUR million)
EPE	5 173.70
Pollution treatment investments	893.60
Pollution prevention investments	1 577.72
Investments	2 471.32
In-house current expenditure	1 048.68
Fees and purchases	1 653.71
Total current expenditure	2 702.38
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	3 519.99
Expenditure II	5 173.70

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.28%	84.55

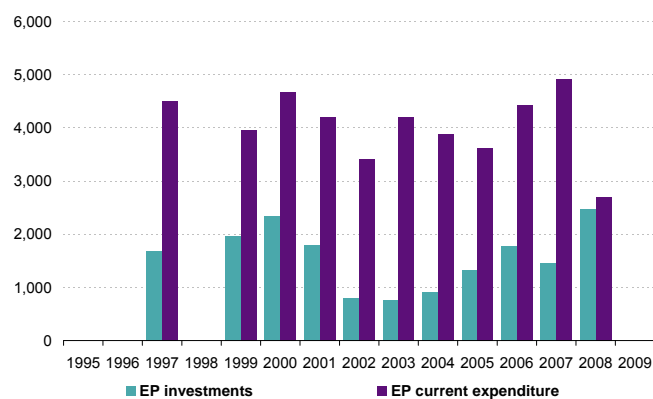
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure UK15 : Industry's EPE, 1997-2008  
(EUR million)



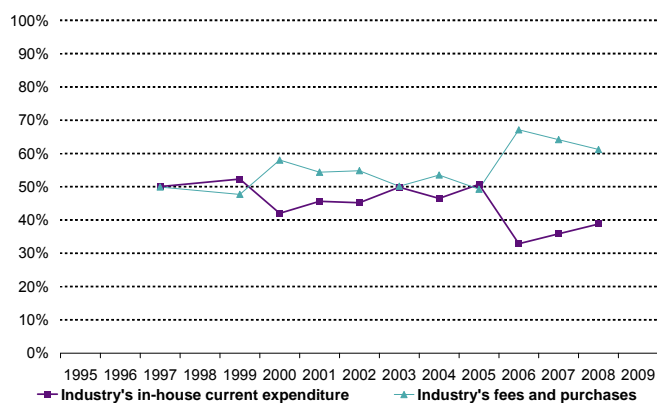
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure UK16 : Industry's EP investments and current expenditures, 1997-2008  
(EUR million)



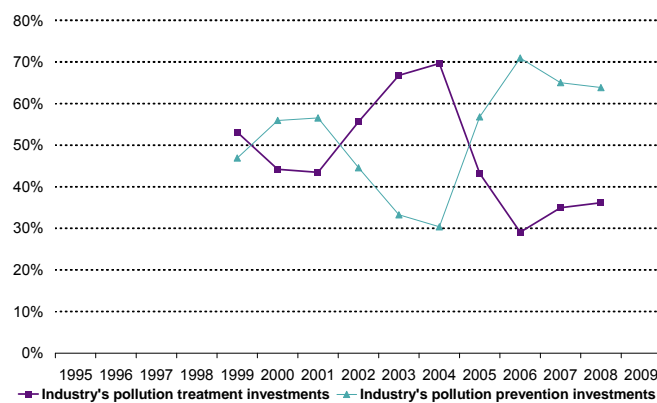
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 1997-2008  
(% of industry's EP current expenditure)



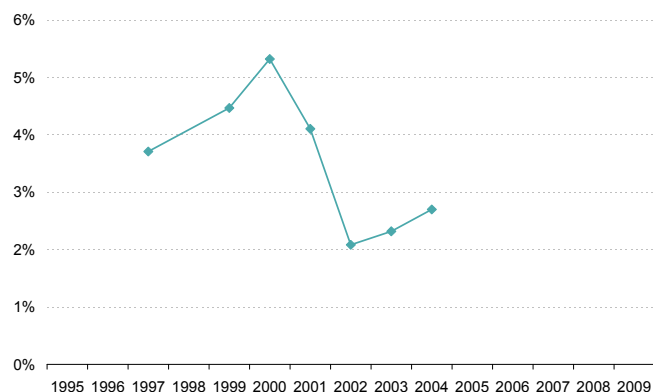
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 1998-2008  
(% of industry's EP investments)



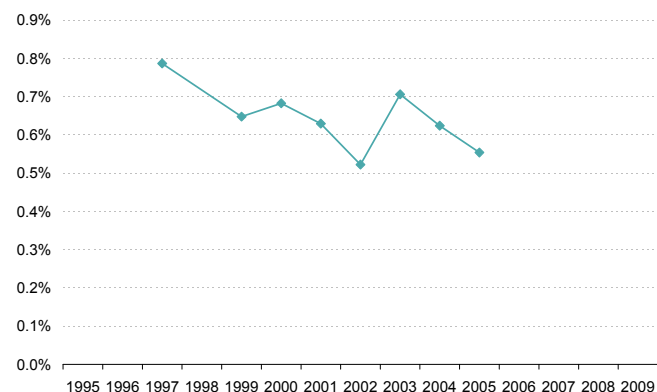
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK19 :** Industry's EP investments, 1997-2004  
(% of industry's GFCF)



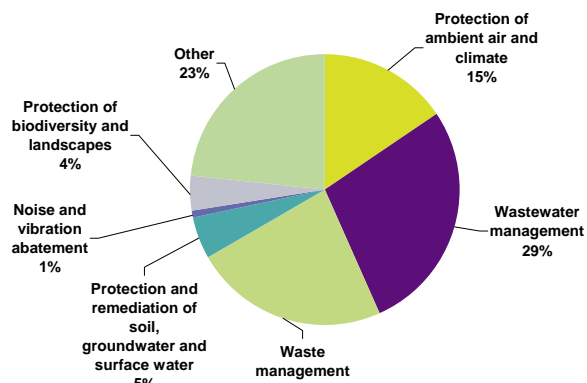
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure UK20 :** Industry's EP current expenditure, 1997-2005  
(% of industry's compensation of employees plus intermediate consumption)



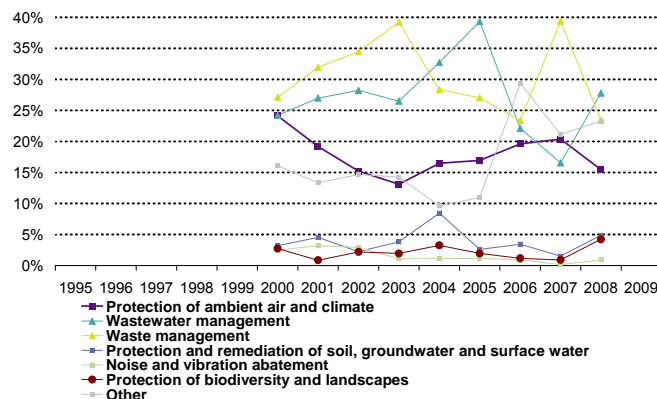
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure UK21 :** Industry's EPE by environmental domain, 2008  
(% of industry's EPE)



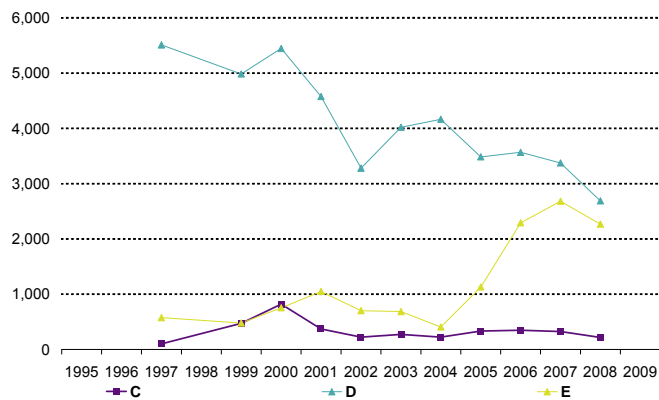
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK22 :** Industry's EPE by environmental domain, 2000-2008  
(% of industry's EPE)



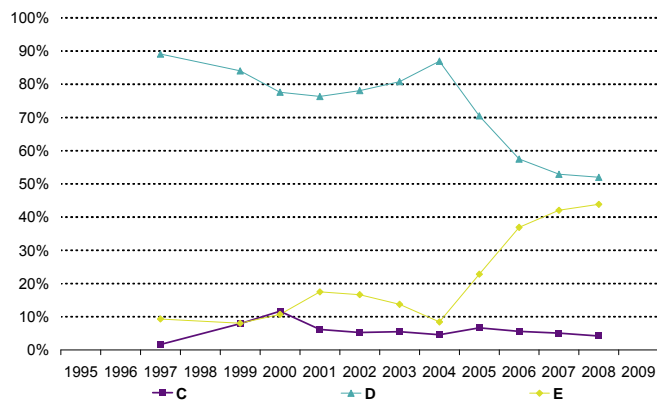
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK23 : Industry's EPE by sector, 1997-2008**  
(EUR million)



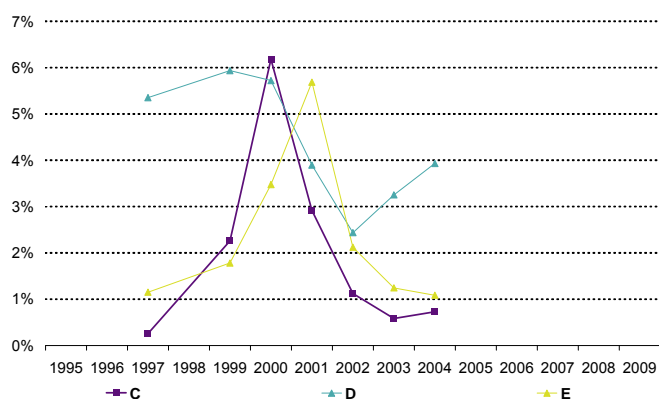
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK24 : Industry's EPE by sector, 1997-2008**  
(% of industry's EPE)



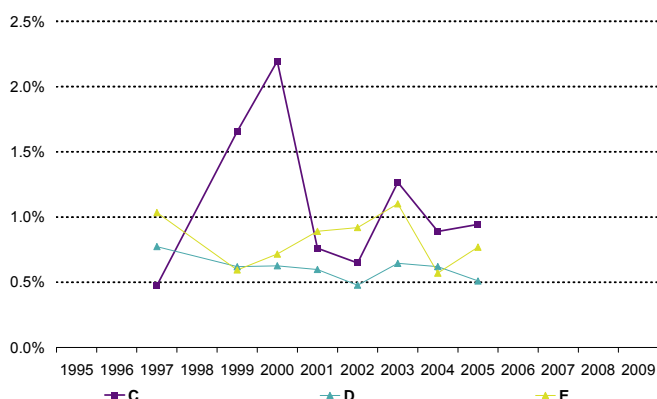
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure UK25 : Industry's investments by sector, 1997-2004**  
(% of GFCF)



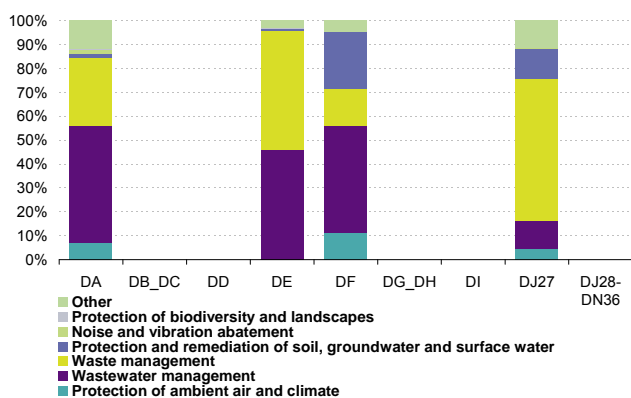
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure UK26 : Industry's current expenditures by sector, 1997-2005**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

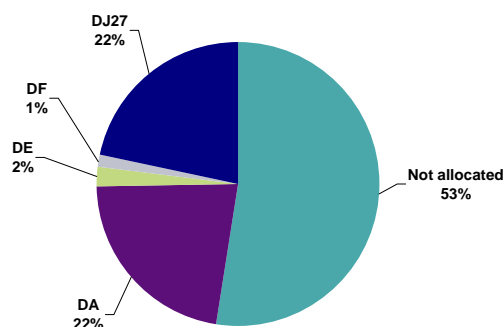
**Figure UK27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products

**Figure UK28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)

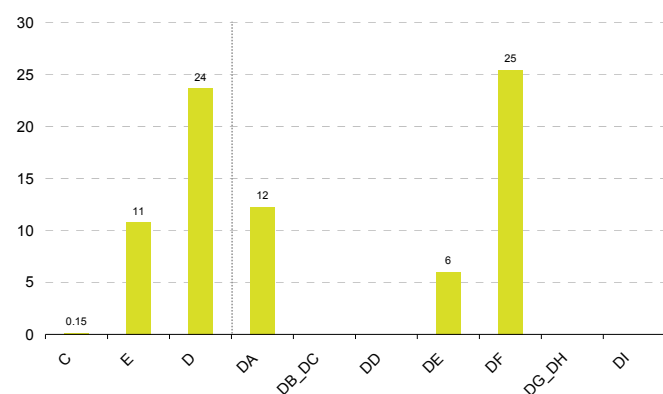


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals

DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel

**Figure UK29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

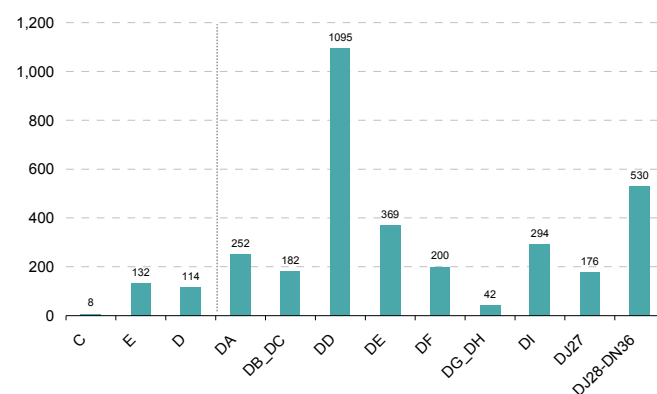


Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing

DJ28\_DN36: metal products, machinery and equipment

**Figure UK30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply



## Iceland

## Public sector

Table IS1 Environmental protection expenditure in the public sector, 2002

<b>Public sector</b>	<b>2002</b> (EUR million)	
EPE	33.88	
Investments	5.63	
In-house current expenditure	20.48	
Fees and purchases	:	
Total current expenditure	20.78	
Receipts from by-products	:	
Subsidies/transfers (given)	7.47	
Revenues	:	
Expenditure I	54.36	
Expenditure II	:	

<b>Public sector</b>	<b>2002</b>	
	(% of GDP)	(EUR per capita)
EPE	0.36%	118.24

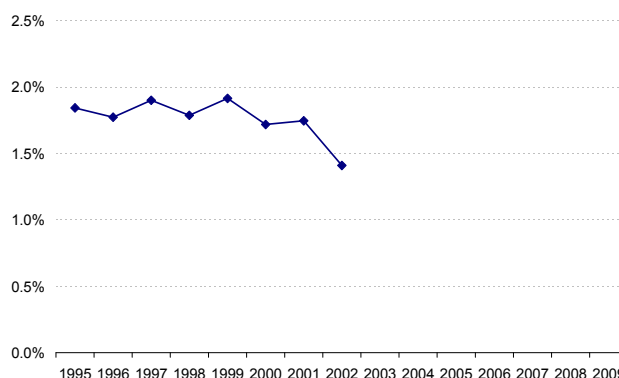
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure IS1 : Public sector's EPE, 1995-2002**  
(EUR million)



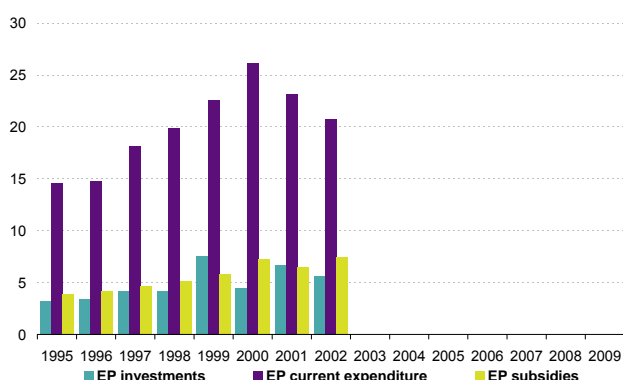
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IS2 : Public sector's EPE, 1995-2002**  
(% of final consumption expenditure of general government)



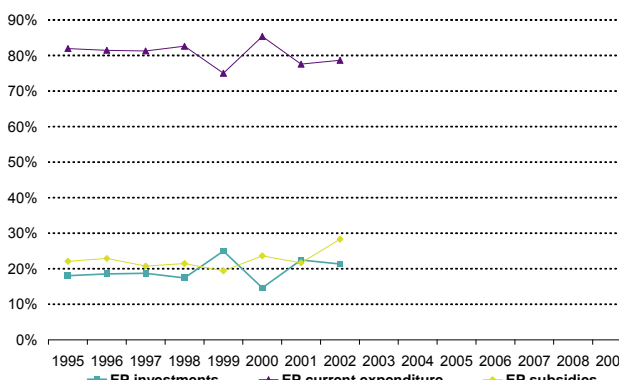
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure IS3 : Public sector's EP investments, current expenditures and subsidies, 1995-2002**  
(EUR million)



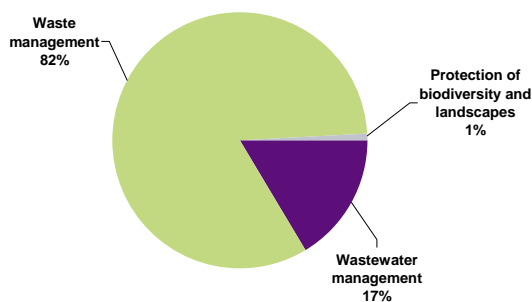
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IS4 : Public sector's EP investments, current expenditures and subsidies, 1995-2002**  
(% of public sector's EPE)



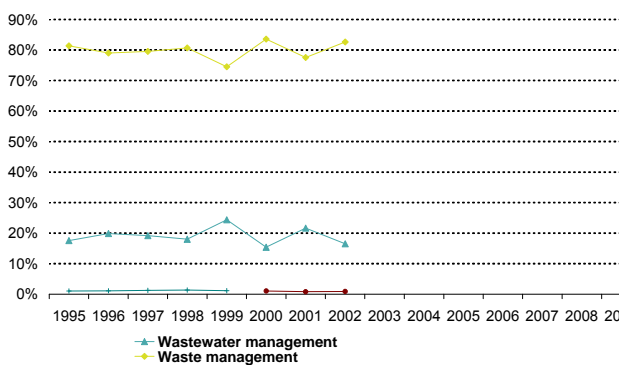
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IS5 : Public sector's EPE by environmental domain, 2002**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure IS6 : Public sector's EPE by environmental domain, 1995-2002**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Norway

## Public sector

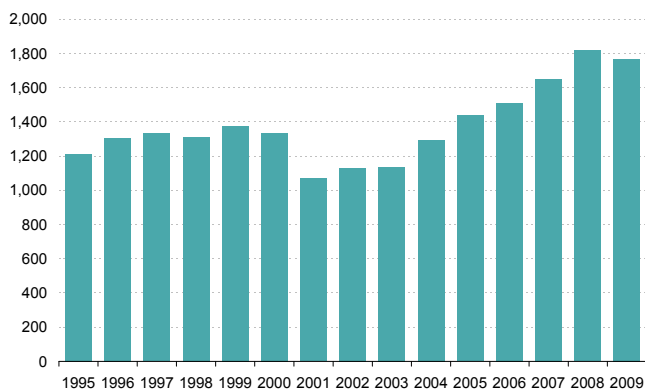
Table NO1 Environmental protection expenditure in the public sector, 2009

<b>Public sector</b>	<b>2009</b> (EUR million)
EPE	1 767.78
Investments	352.04
In-house current expenditure	1 180.69
Fees and purchases	10.03
Total current expenditure	1 190.71
Receipts from by-products	:
Subsidies/transfers (given)	225.03
Revenues	1 221.16
Expenditure I	1 532.72
Expenditure II	546.62

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	0.65%	368.34

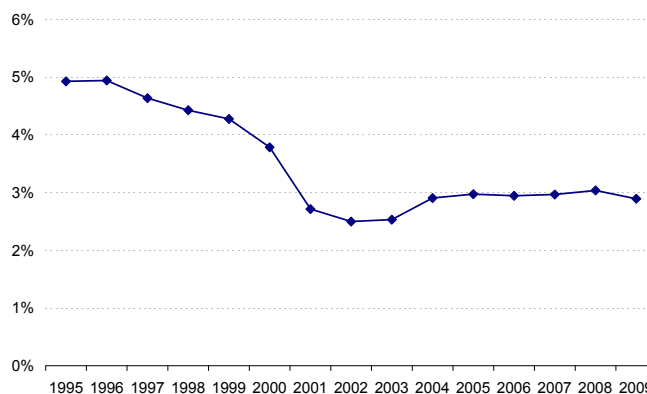
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure NO1** : Public sector's EPE, 1995-2009 (EUR million)



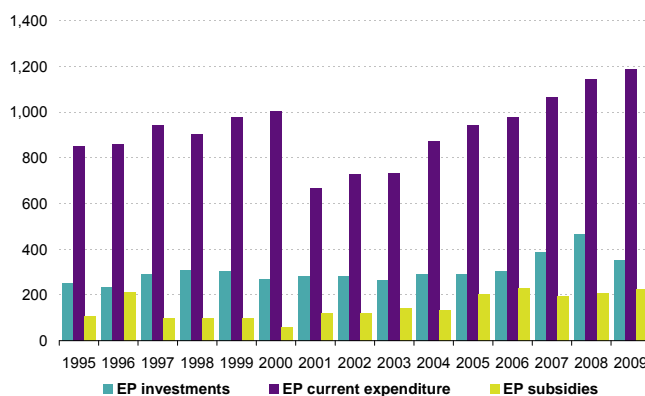
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO2** : Public sector's EPE, 1995-2009 (% of final consumption expenditure of general government)



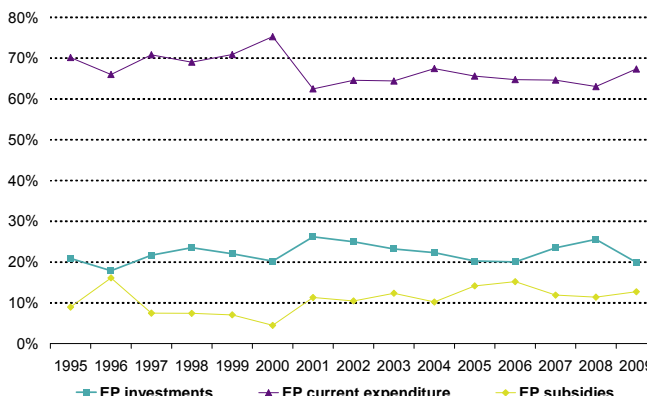
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure NO3** : Public sector's EP investments, current expenditures and subsidies, 1995-2009 (EUR million)



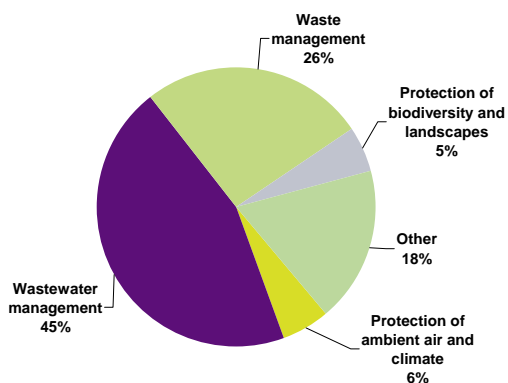
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO4** : Public sector's EP investments, current expenditures and subsidies, 1995-2009 (% of public sector's EPE)



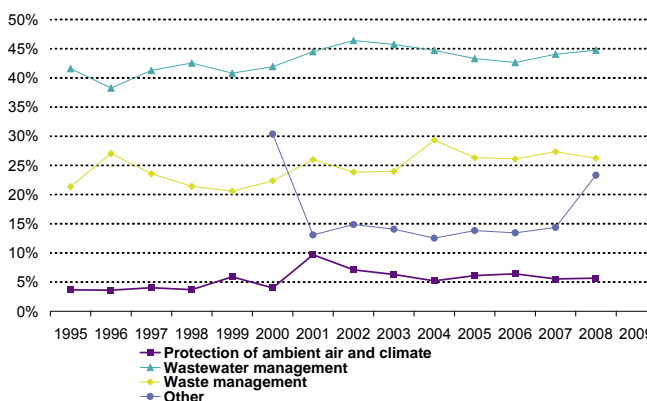
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO5** : Public sector's EPE by environmental domain, 2008 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO6** : Public sector's EPE by environmental domain, 1995-2008 (% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

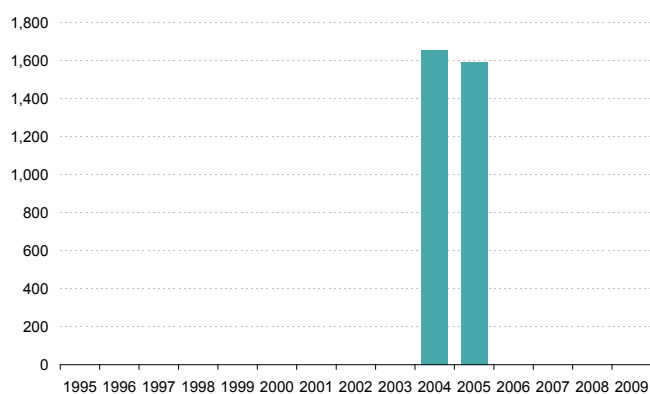
Table NO2 Environmental protection expenditure of the specialised producers, 2005

Specialised producers	2005 (EUR million)
EPE	1 590.89
Investments	171.02
In-house current expenditure	1 419.87
Fees and purchases	:
Total current expenditure	1 419.87
Receipts from by-products	:
Subsidies/transfers (received)	:
Revenues	:
Expenditure I	:
Expenditure II	:

Specialised producers	2005 (% of GDP)	2005 (EUR per capita)
EPE	0.65%	345.37

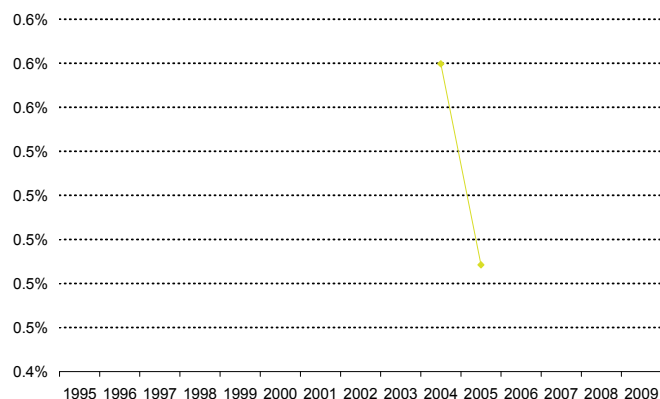
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure NO7 : Specialised producers' EPE, 2004 and 2005  
(EUR million)



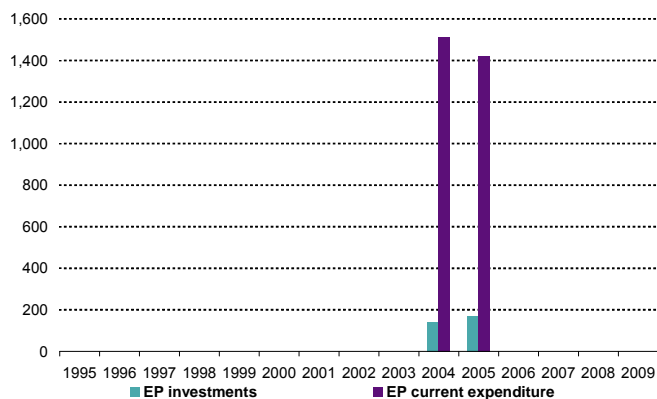
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure NO8 : Specialised producers' EPE, 2004 and 2005  
(% of investments plus compensation of employees and intermediate consumption of business activities)



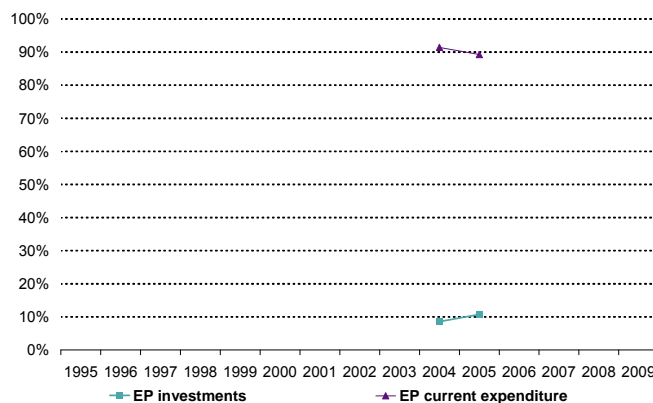
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure NO9:** Specialised producers' EP investments and current expenditures, 2004 and 2005 (EUR million)



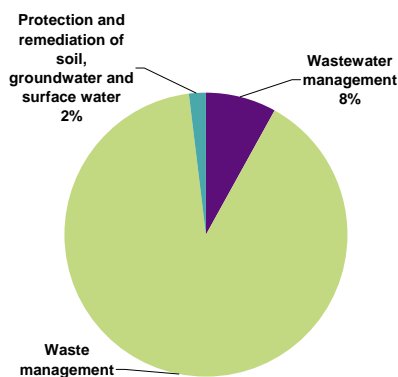
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO10:** Specialised producers' EP investments and current expenditures, 2004 and 2005 (% of specialised producers' EPE)



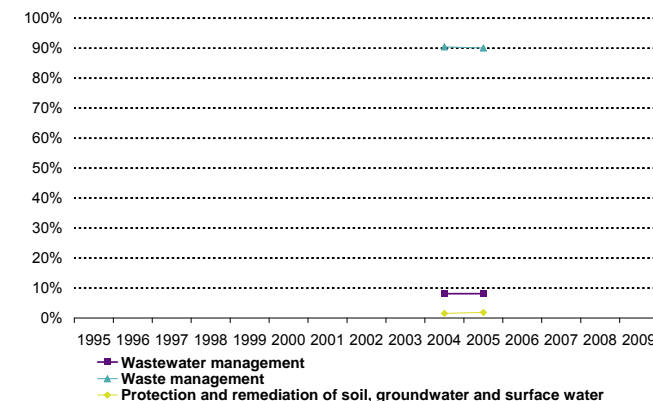
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO11:** Specialised producers' EPE by environmental domain, 2005 (% of specialised producers' EPE)



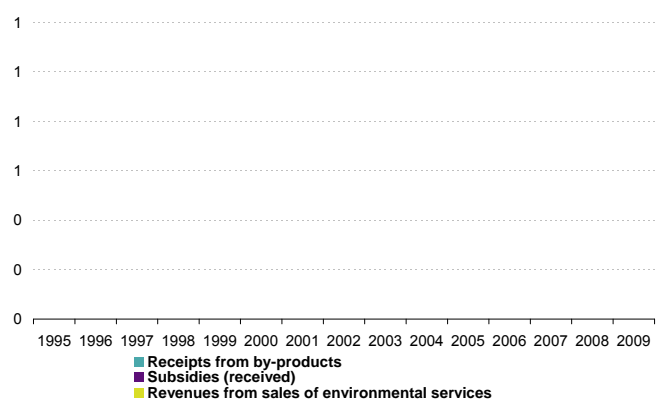
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO12:** Specialised producers' EPE by environmental domain, 1999-2005 (% of specialised producers' EPE)



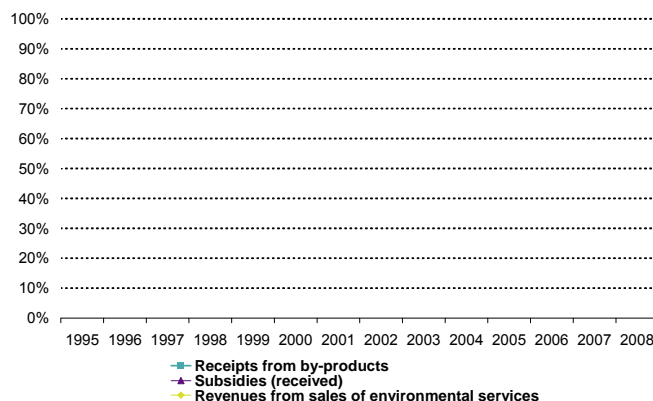
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (EUR million)



\* No data available.

**Figure NO14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (% of specialised producers' EP revenues)



\* No data available.

## Industry\*

Table NO3 Environmental protection expenditure by industry, 2008

Industry	2008 (EUR million)
EPE	1 200.14
Pollution treatment investments	329.46
Pollution prevention investments	258.84
Investments	588.31
In-house current expenditure	:
Fees and purchases	:
Total current expenditure	611.83
Receipts from by-products	:
Subsidies/transfers (received)	:
Expenditure I	:
Expenditure II	:

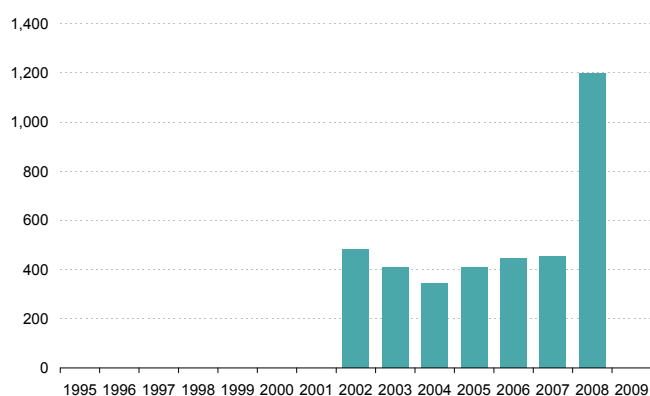
  

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.40%	257.13

\*All the data and graphs refer only to mining and quarrying and manufacturing sectors.

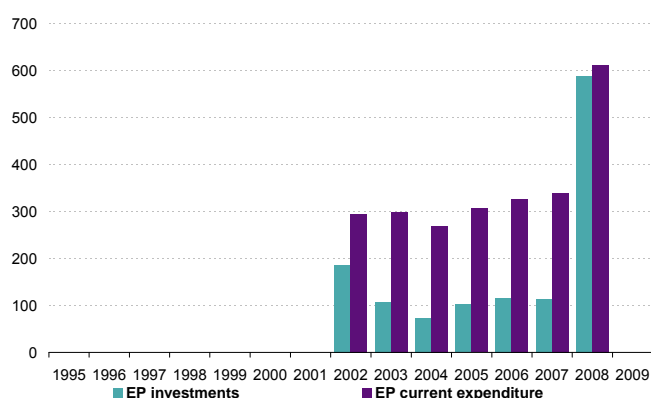
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure NO15 : Industry's EPE, 2002-2008  
(EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

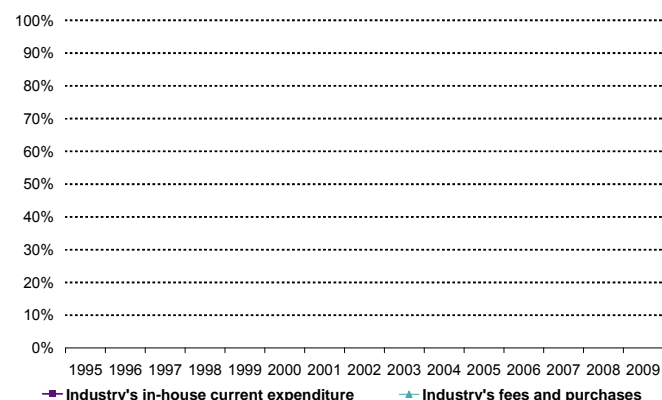
Figure NO16 : Industry's EP investments and current expenditures, 2002-2008  
(EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO17** : Industry's current environmental expenditure: in-house expenditure and fees and purchases\*

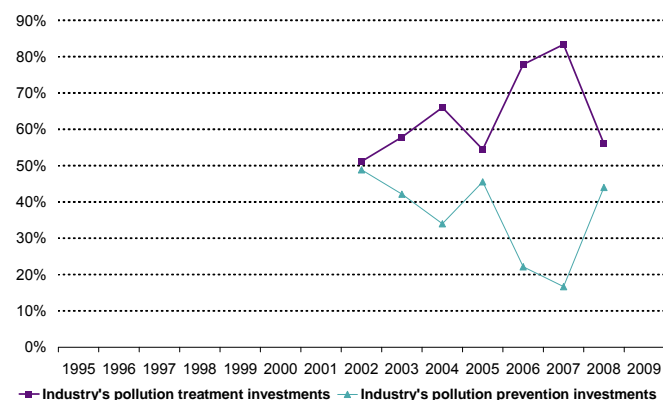
(% of industry's EP current expenditure)



\* No data available.

**Figure NO18** : Industry's environmental investments: pollution treatment and pollution prevention investments, 2002-2008

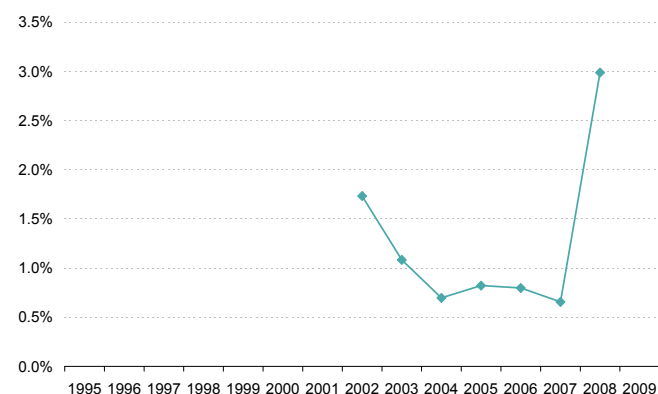
(% of industry's EP investments)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO19** : Industry's EP investments, 2002-2008

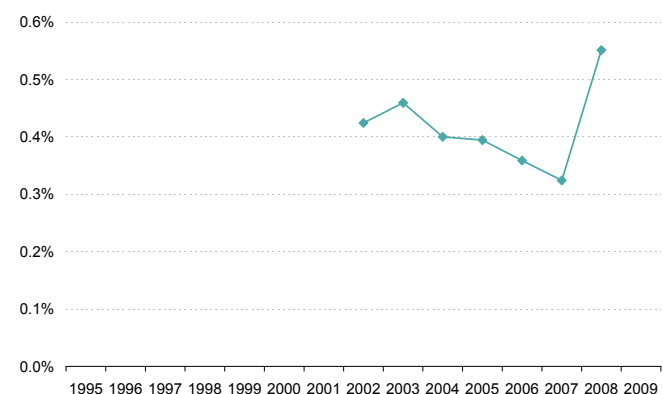
(% of industry's GFCF)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure NO20** : Industry's EP current expenditure, 2002-2008

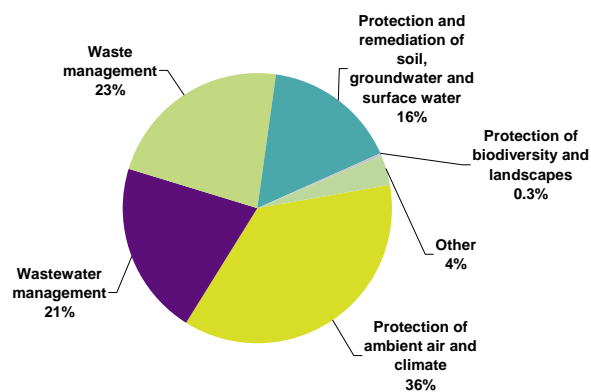
(% of industry's compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure NO21** : Industry's EPE by environmental domain, 2008

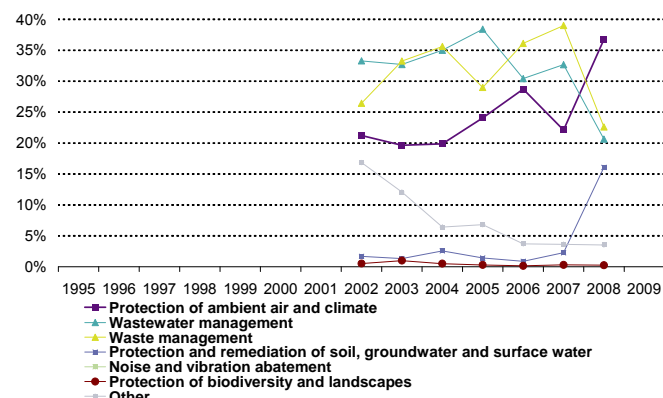
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO22** : Industry's EPE by environmental domain, 2002-2008

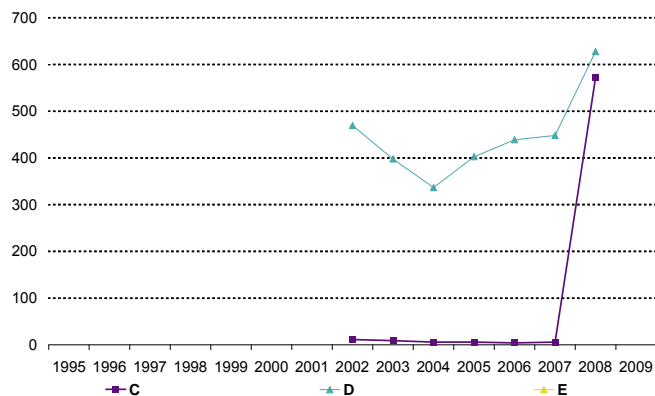
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

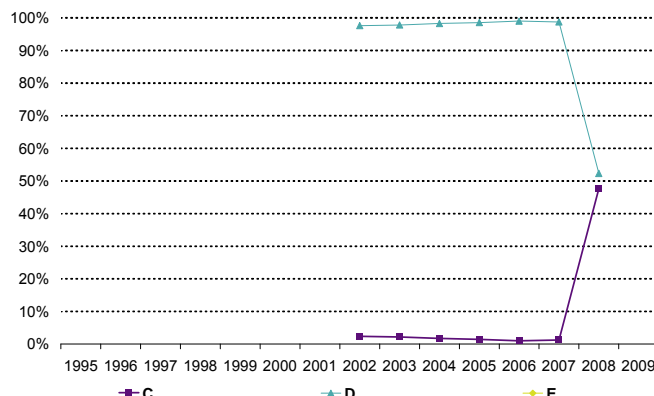


**Figure NO23 : Industry's EPE by sector, 2002-2008**  
(EUR million)



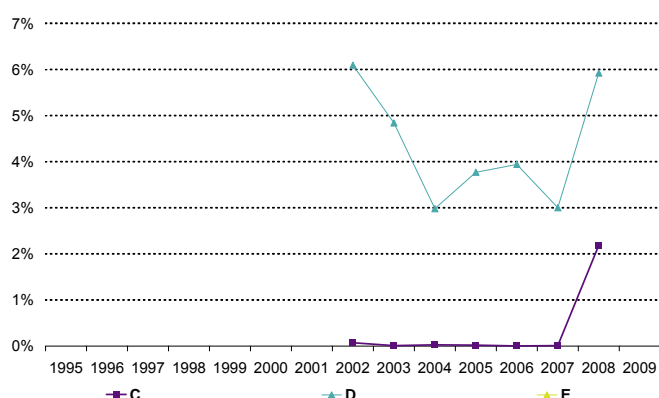
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO24 : Industry's EPE by sector, 2002-2008**  
(% of industry's EPE)



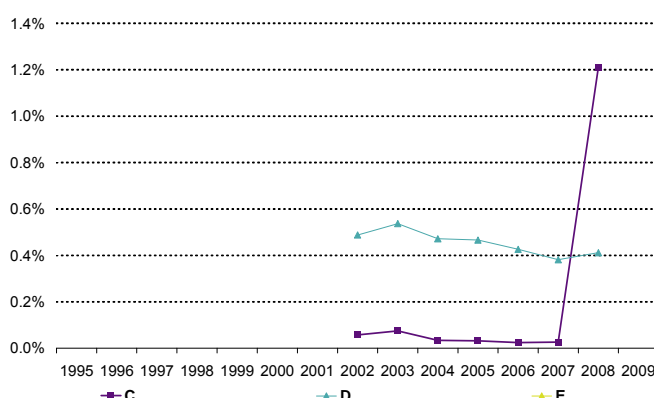
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure NO25 : Industry's investments by sector, 2002-2008**  
(% of GFCF)



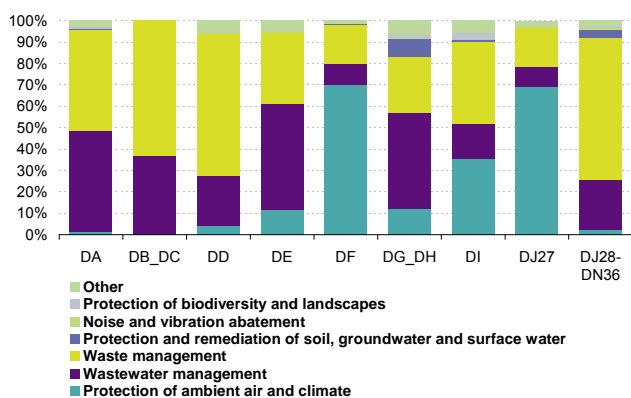
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure NO26 : Industry's current expenditures by sector, 2002-2008**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

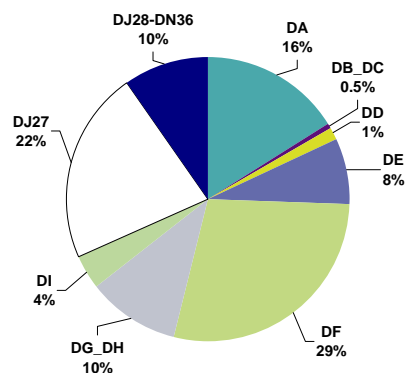
**Figure NO27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products

**Figure NO28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals

DE: pulp, paper products, publishing and printing  
DF: coke, refined petroleum and nuclear fuel

DJ28\_DN36: metal products, machinery and equipment

## Switzerland

## Public sector\*

Table CH1 Environmental protection expenditure in the public sector, 2003

<b>Public sector</b>	<b>2003</b> (EUR million)	
EPE	2 445.03	
Investments	628.18	
In-house current expenditure	1 116.04	
Fees and purchases	178.69	
Total current expenditure	1 294.73	
Receipts from by-products	25.05	
Subsidies/transfers (given)	522.12	
Revenues	1 599.51	
Expenditure I	1 719.17	
Expenditure II	820.47	

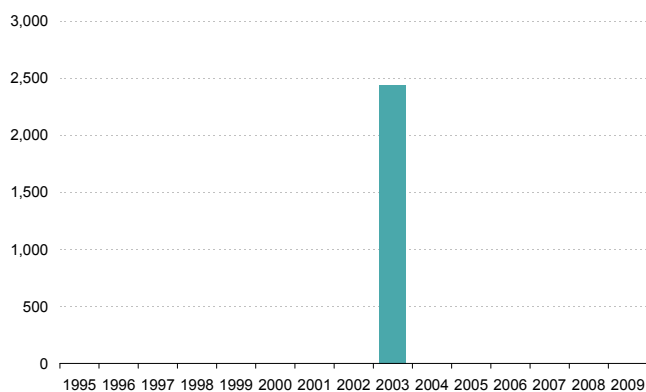
  

<b>Public sector</b>	<b>2003</b>	
	(% of GDP)	(EUR per capita)
EPE	0.85%	334.30

\* Public sector includes public specialised producers for wastewater and waste management (except waste incineration).

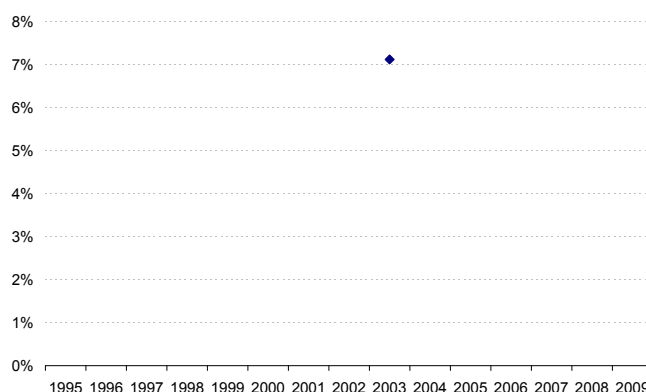
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure CH1 : Public sector's EPE, 2003**  
(EUR million)



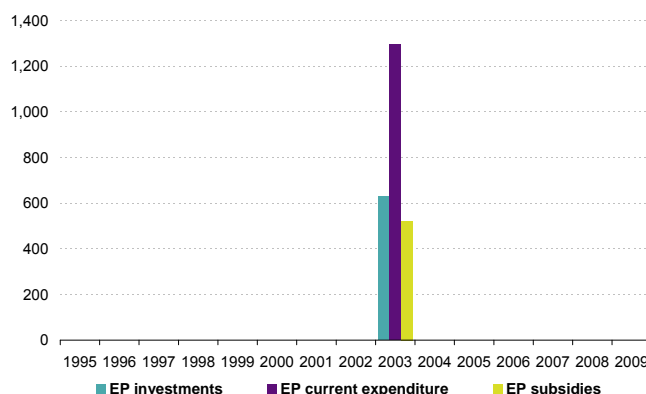
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH2 : Public sector's EPE, 2003**  
(% of final consumption expenditure of general government)



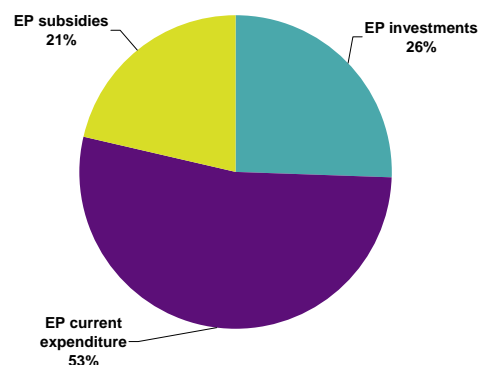
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure CH3 : Public sector's EP investments, current expenditures and subsidies, 2003**  
(EUR million)



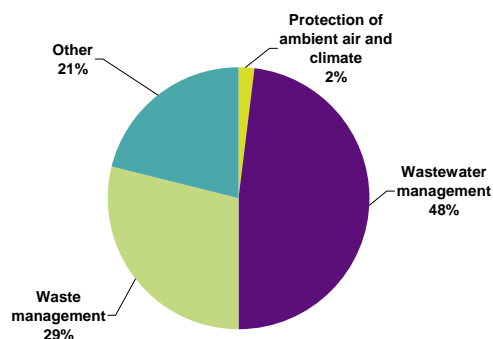
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH4 : Public sector's EP investments, current expenditures and subsidies, 2003**  
(% of public sector's EPE)



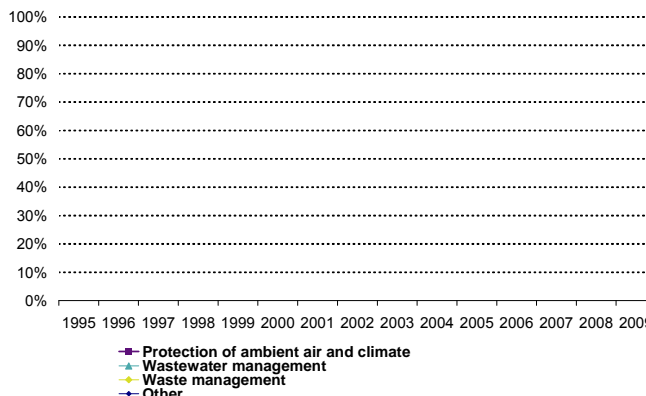
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH5 : Public sector's EPE by environmental domain, 2003**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH6 : Public sector's EPE by environmental domain\***  
(% of public sector's EPE)



\* Data available only for 2003.

## Specialised producers\*

Table CH2 Environmental protection expenditure of the specialised producers, 2003

Specialised producers	2003 (EUR million)
EPE	565.83
Investments	75.44
In-house current expenditure	357.09
Fees and purchases	133.30
Total current expenditure	490.39
Receipts from by-products	181.66
Subsidies/transfers (received)	19.12
Revenues	516.96
Expenditure I	250.87
Expenditure II	-151.91

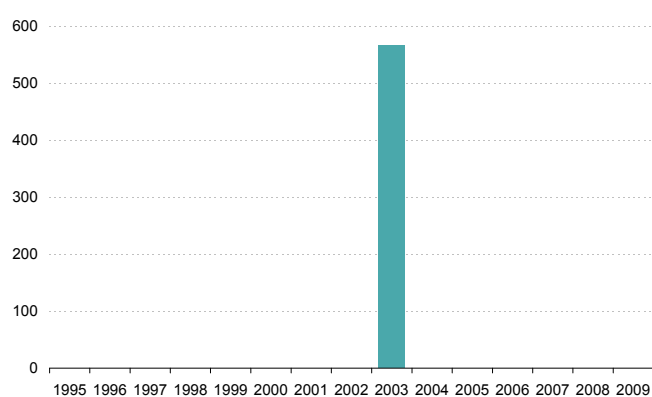
  

Specialised producers	2003 (% of GDP)	2003 (EUR per capita)
EPE	0.20%	77.36

\* Specialised producers include only waste incineration activities. They exclude public specialised producers for wastewater and waste management, which are included under public sector.

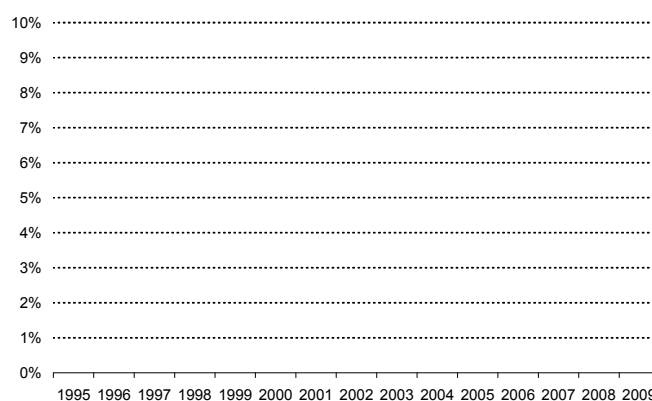
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure CH7 : Specialised producers' EPE, 2003  
(EUR million)



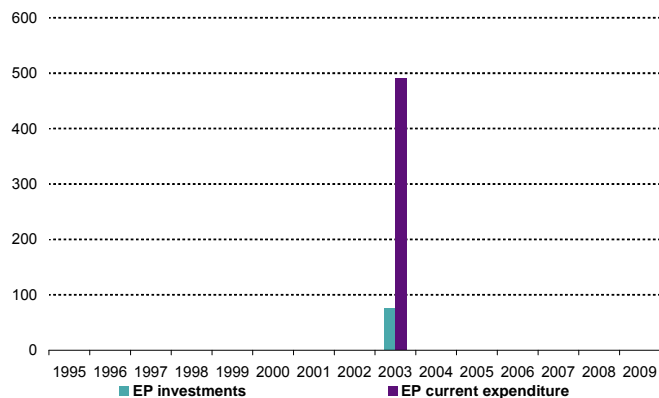
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure CH8 : Specialised producers' EPE\*  
(% of investments plus compensation of employees and  
intermediate consumption of business activities)



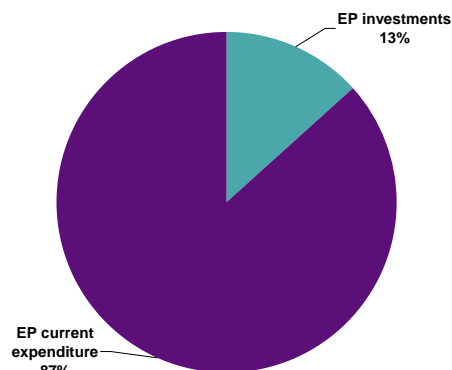
\* No data on investments plus compensation of employees and intermediate consumption of business activities available.

**Figure CH9:** Specialised producers' EP investments and current expenditures, 2003 (EUR million)



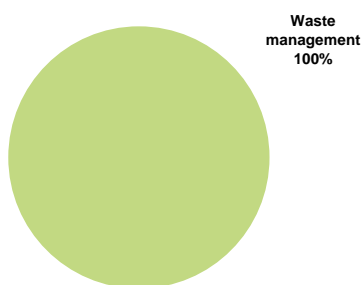
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH10:** Specialised producers' EP investments and current expenditures, 2003 (% of specialised producers' EPE)



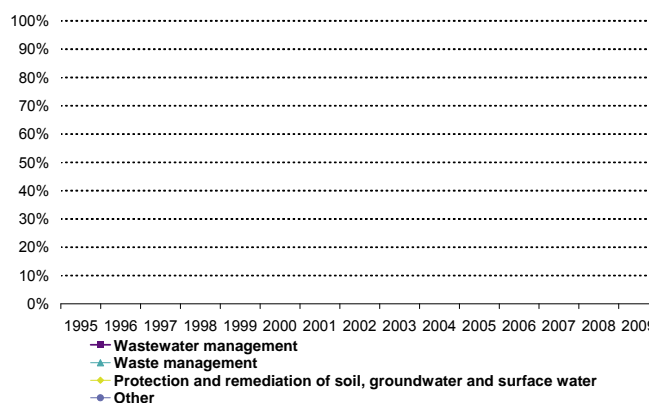
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH11:** Specialised producers' EPE by environmental domain, 2003 (% of specialised producers' EPE)



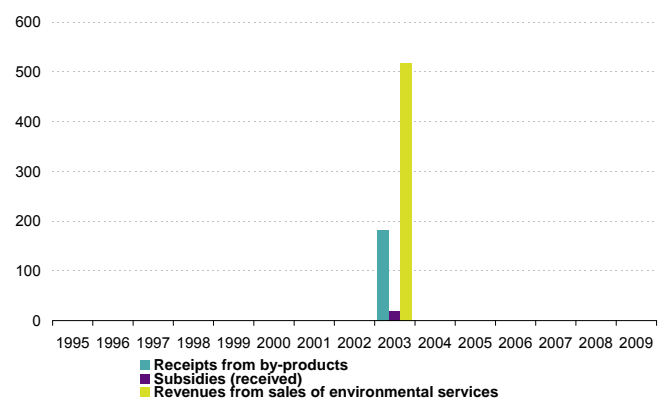
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH12:** Specialised producers' EPE by environmental domain\* (% of specialised producers' EPE)



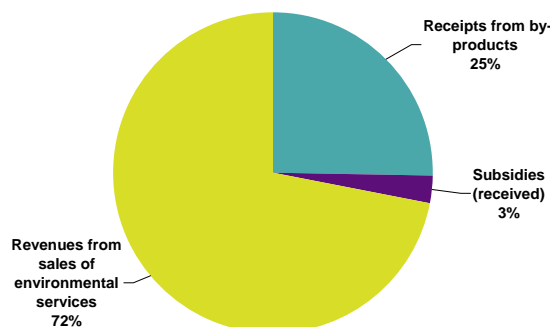
\* Data available only for 2003.

**Figure CH13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2003 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2003 (% of specialised producers' EP revenues)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

Table CH3 Environmental protection expenditure by industry, 2003

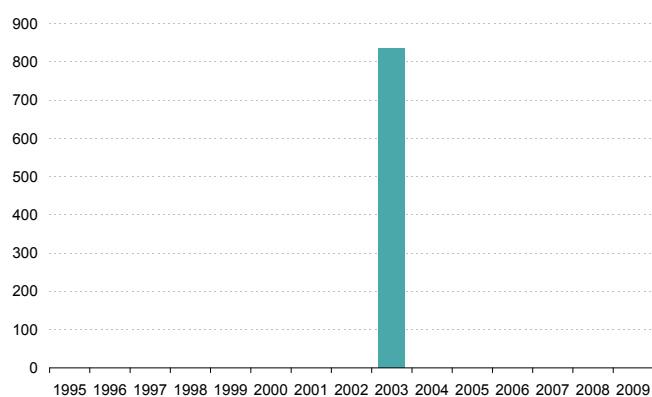
Industry	2003 (EUR million)
EPE	834.87
Pollution treatment investments	126.26
Pollution prevention investments	163.52
Investments	289.91
In-house current expenditure	261.65
Fees and purchases	283.20
Total current expenditure	544.96
Receipts from by-products	26.25
Subsidies/transfers (received)	-3.34
Expenditure I	525.29
Expenditure II	811.82

Industry	2003 (% of GDP)	2003 (EUR per capita)
EPE	0.29%	114.15

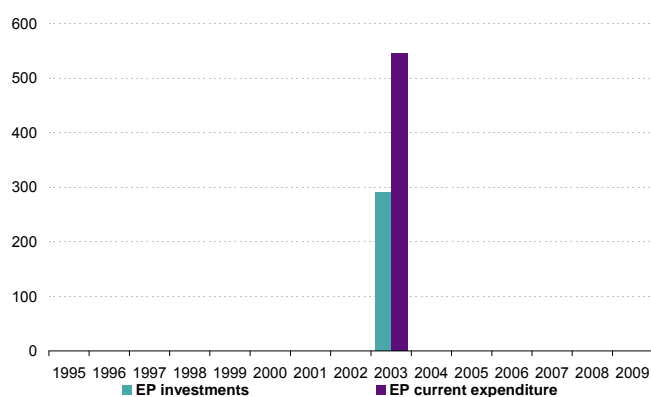
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure CH15 : Industry's EPE, 2003  
(EUR million)



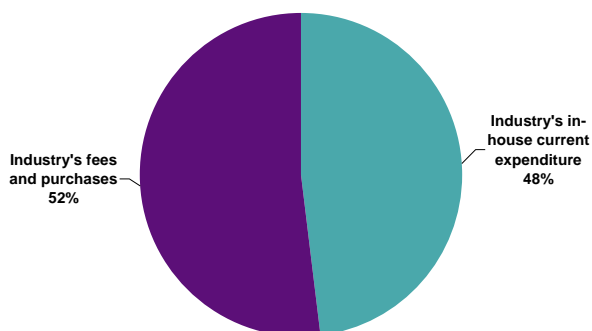
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure CH16 : Industry's EP investments and current expenditures, 2003  
(EUR million)



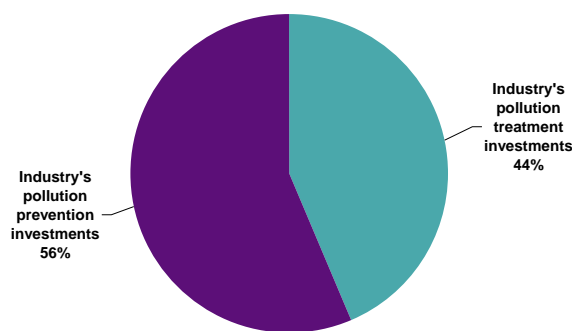
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2003  
(% of industry's EP current expenditure)



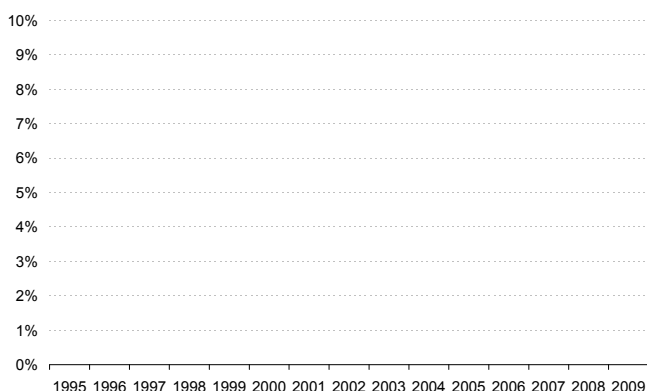
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH18 :** Industry's environmental investments: pollution treatment and pollution prevention investments, 2003  
(% of industry's EP investments)



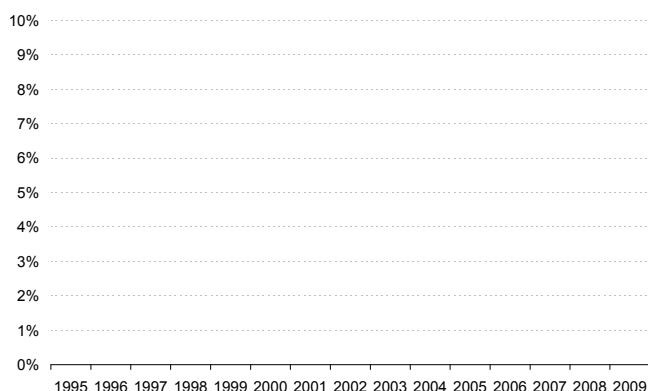
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH19 :** Industry's EP investments\*  
(% of industry's GFCF)



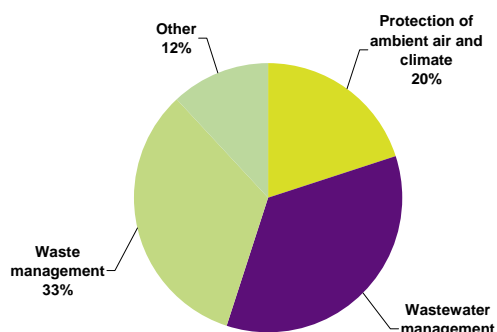
\* No GFCF data available.

**Figure CH20 :** Industry's EP current expenditure\*  
(% of industry's compensation of employees plus intermediate consumption)



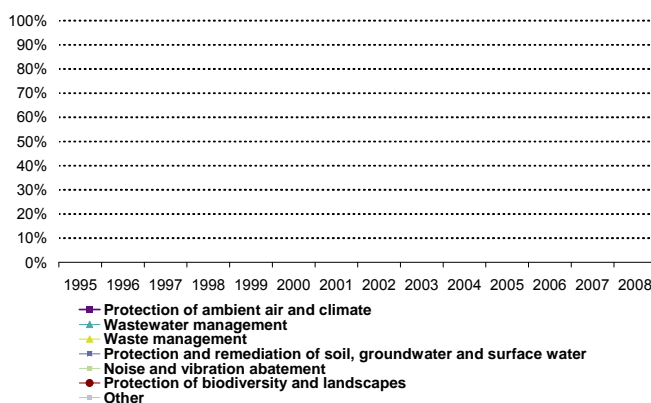
\* No data on compensation of employees plus intermediate consumption available.

**Figure CH21 :** Industry's EPE by environmental domain, 2003  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

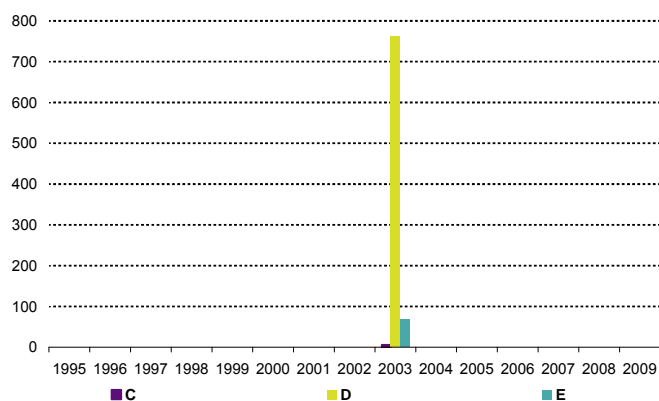
**Figure CH22 :** Industry's EPE by environmental domain\*  
(% of industry's EPE)



\* Data available only for 2003.

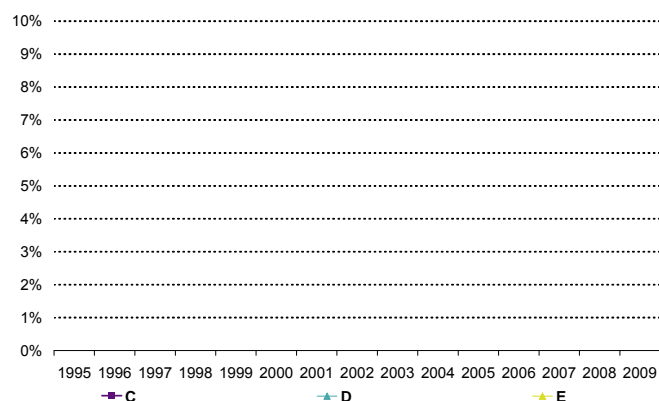


**Figure CH23 : Industry's EPE by sector, 2003**  
(EUR million)



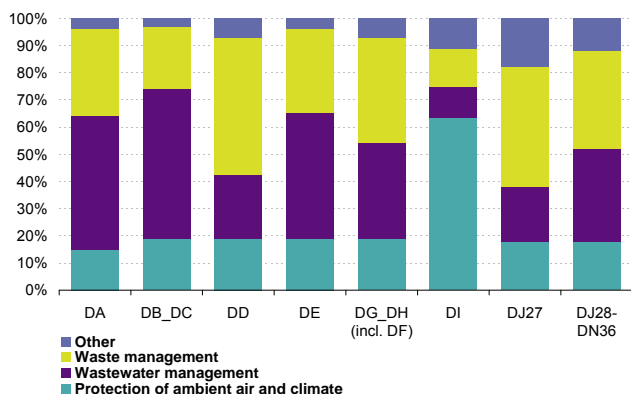
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH25 : Industry's investments by sector**  
(% of GFCF)



\* No GFCF data available.

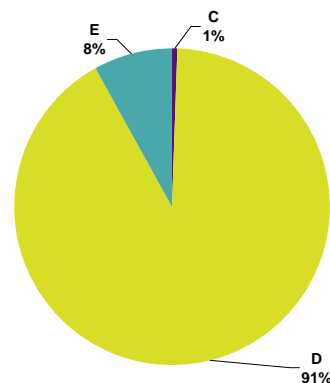
**Figure CH27 : EPE in manufacturing subsectors by environmental domain, 2003**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

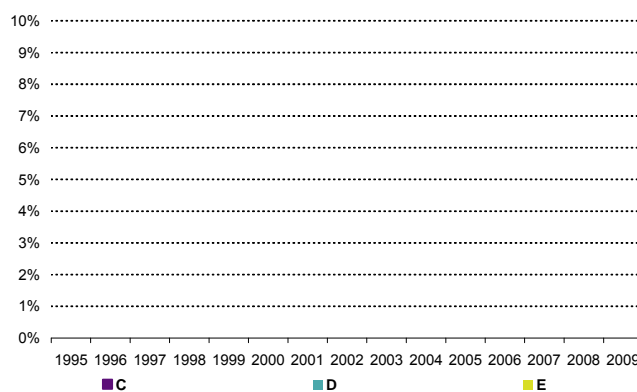
DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing

**Figure CH24 : Industry's EPE by sector, 2003**  
(% of industry's EPE)



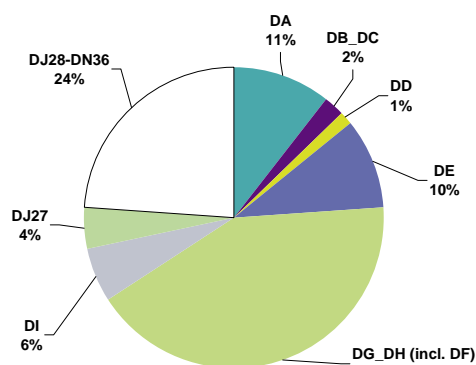
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure CH26 : Industry's current expenditures by sector**  
(% of compensation of employees plus intermediate consumption)



\* No data on compensation of employees plus intermediate consumption available.

**Figure CH28 : EPE in manufacturing subsectors, 2003**  
(% of total manufacturing's EPE)

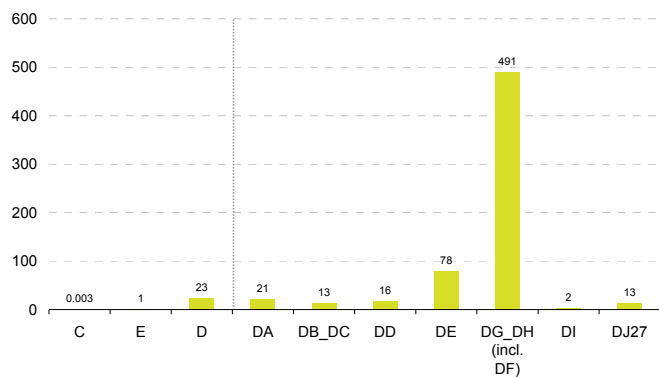


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28-DN36: metal products, machinery and equipment

DF: coke, refined petroleum and nuclear fuel (included in DG\_DH)

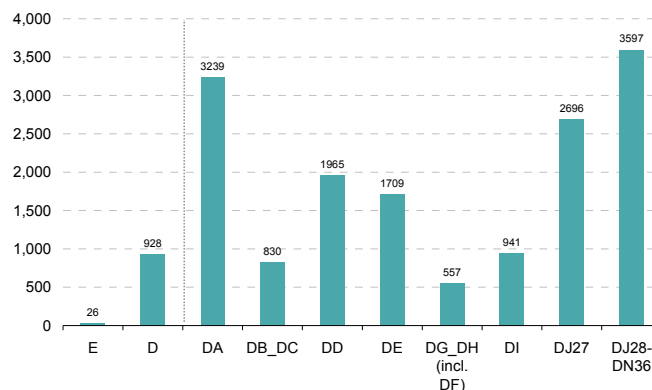
**Figure CH29** : Industry's EPE for waste management and industry's waste generation\*, 2004° (EUR/tonne)



\* Eurostat estimate  
 °EPE for waste management refers to 2003.  
 Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

- C: Mining and quarrying
- D: Manufacturing
- DA: food products, tobacco and beverages
- DB\_DC: textile and leather products
- DD: wood products
- DE: pulp, paper products, publishing and printing

**Figure CH30** : Industry's EPE for air protection and industry's GHG emissions\*, 2003 (EUR/tonne of CO<sub>2</sub> equivalent)



\* Eurostat estimate  
 No GHG emissions data available for sector C.  
 Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

- DF: coke, refined petroleum and nuclear fuel (included in DG\_DH)
- DG\_DH: chemicals, chemical products, rubber and plastic products
- DI: other non metallic products
- DJ27: basic metals
- DJ28\_DN36: metal products, machinery and equipment
- E: Electricity, gas and water supply

## Croatia

## Public sector

Table HR1 Environmental protection expenditure in the public sector, 2009

<b>Public sector</b>	<b>2009</b> (EUR million)	
EPE	11.05	
Investments	3.03	
In-house current expenditure	0.48	
Fees and purchases	:	
Total current expenditure	8.02	
Receipts from by-products	0.03	
Subsidies/transfers (given)	:	
Revenues	:	
Expenditure I	3.48	
Expenditure II	:	

<b>Public sector</b>	<b>2009</b>	
	(% of GDP)	(EUR per capita)
EPE	0.02%	2.49

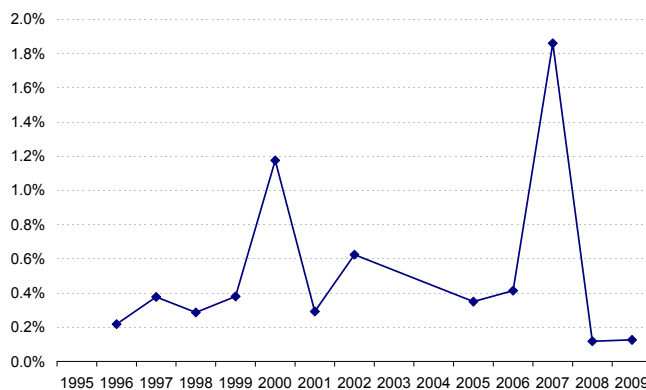
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure HR1 : Public sector's EPE, 1996-2009**  
(EUR million)



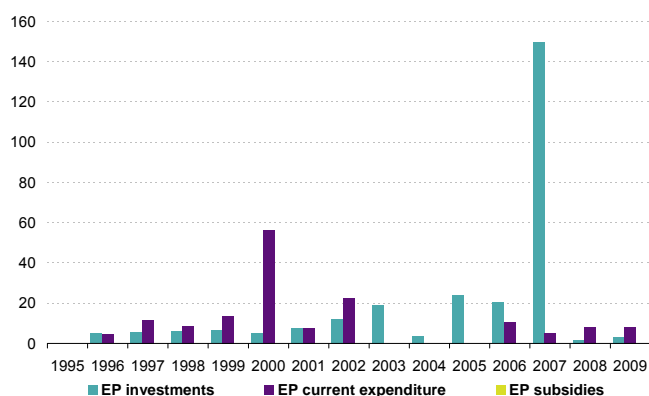
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR2 : Public sector's EPE, 1996-2009**  
(% of final consumption expenditure of general government)



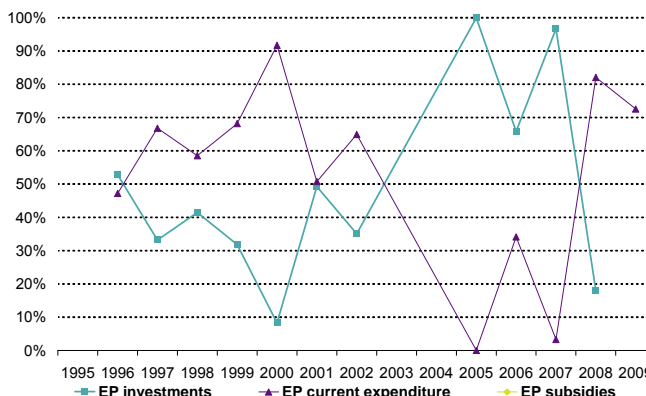
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure HR3 : Public sector's EP investments, current expenditures and subsidies, 1996-2009**  
(EUR million)



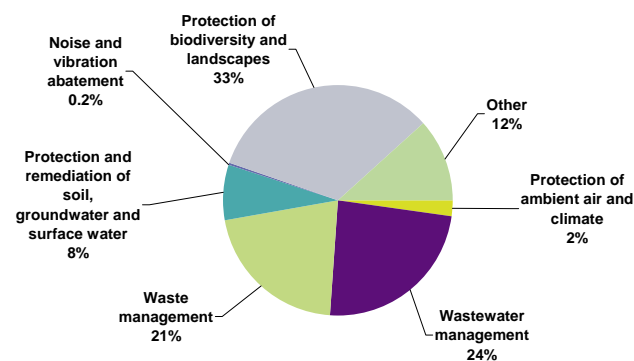
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR4 : Public sector's EP investments, current expenditures and subsidies, 1996-2009**  
(% of public sector's EPE)



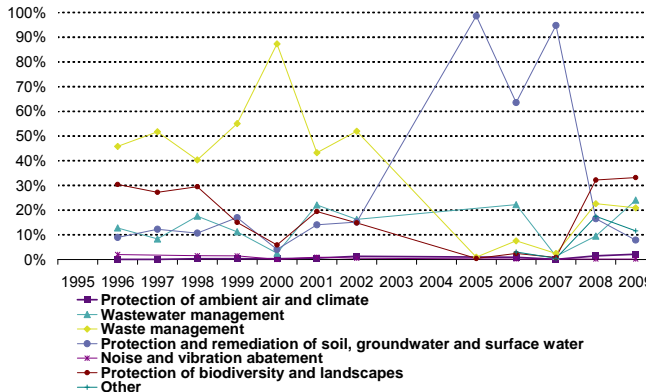
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR5 : Public sector's EPE by environmental domain, 2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR6 : Public sector's EPE by environmental domain, 1996-2009**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Specialised producers

Table HR2 Environmental protection expenditure of the specialised producers, 2009

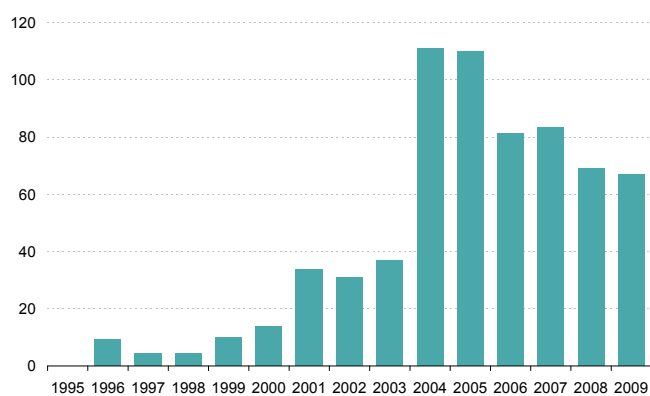
Specialised producers	2009 (EUR million)
EPE	66.78
Investments	28.11
In-house current expenditure	37.45
Fees and purchases	1.22
Total current expenditure	38.66
Receipts from by-products	24.62
Subsidies/transfers (received)	:
Revenues	:
Expenditure I	40.94
Expenditure II	:

Specialised producers	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.15%	15.06

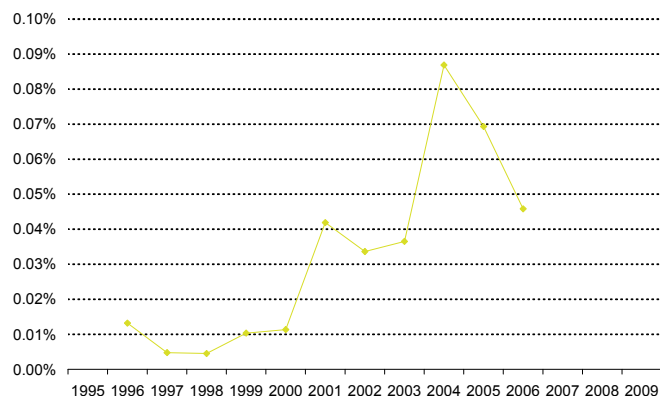
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure HR7 : Specialised producers' EPE, 1996-2009 (EUR million)



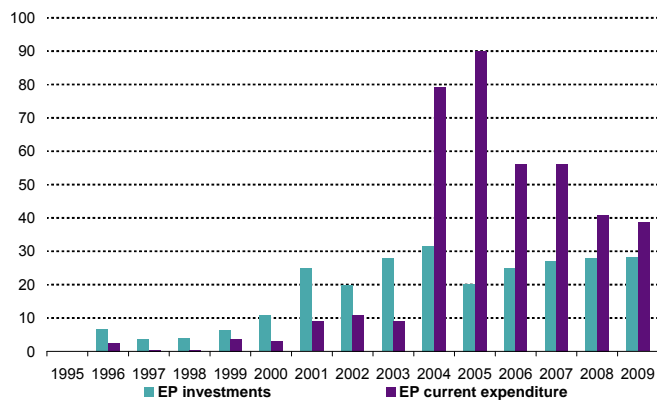
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure HR8 : Specialised producers' EPE, 1996-2006 (% of investments plus compensation of employees and intermediate consumption of business activities)



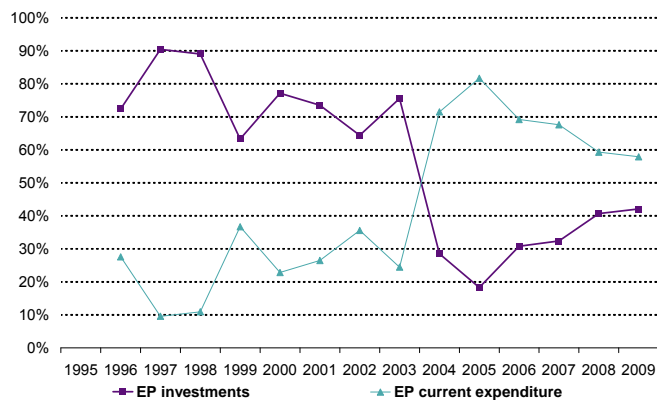
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure HR9:** Specialised producers' EP investments and current expenditures, 1996-2009 (EUR million)



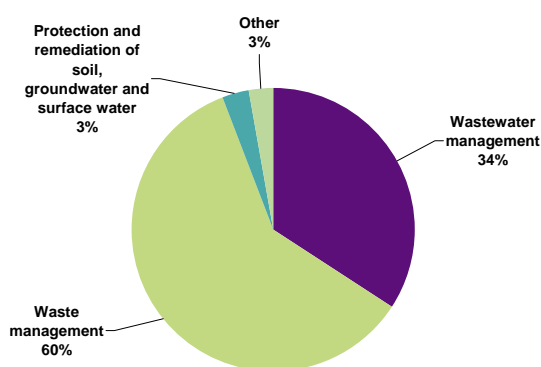
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR10:** Specialised producers' EP investments and current expenditures, 1996-2009 (% of specialised producers' EPE)



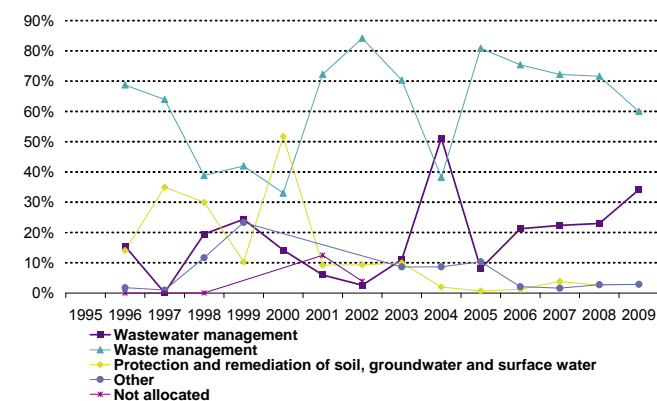
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR11:** Specialised producers' EPE by environmental domain, 2009 (% of specialised producers' EPE)



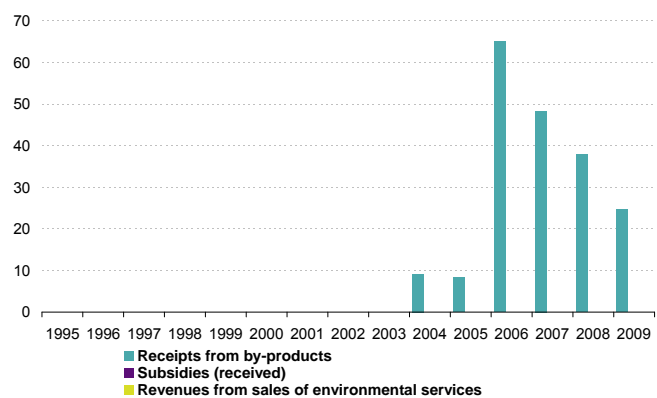
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR12:** Specialised producers' EPE by environmental domain, 1996-2009 (% of specialised producers' EPE)



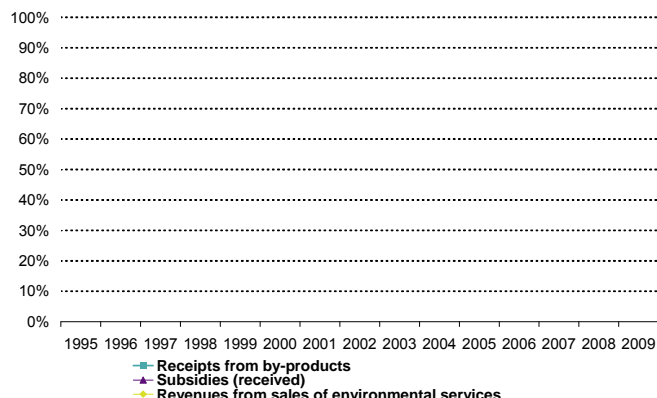
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR13:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received), 2004-2009 (EUR million)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR14:** Specialised producers' EP revenues (receipts from by-products, revenues from environmental protection services and subsidies received)\* (% of specialised producers' EP revenues)



\* No data on subsidies and revenues from sales of environmental service available.

## Industry

Table HR3 Environmental protection expenditure by industry, 2009

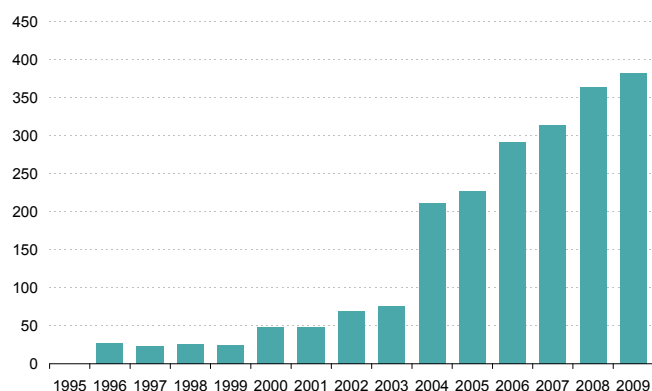
Industry	2009 (EUR million)
EPE	382.08
Pollution treatment investments	206.90
Pollution prevention investments	35.78
Investments	242.68
In-house current expenditure	42.49
Fees and purchases	96.92
Total current expenditure	139.40
Receipts from by-products	11.31
Subsidies/transfers (received)	:
Expenditure I	273.86
Expenditure II	370.78

Industry	2009 (% of GDP)	2009 (EUR per capita)
EPE	0.84%	86.15

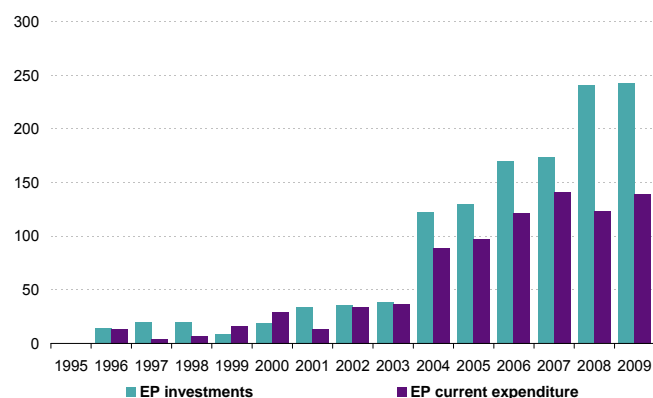
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure HR15 : Industry's EPE, 1996-2009  
(EUR million)



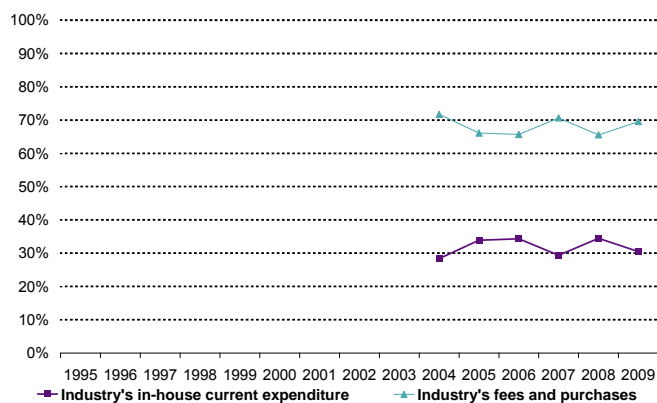
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure HR16 : Industry's EP investments and current expenditures, 1996-2009  
(EUR million)



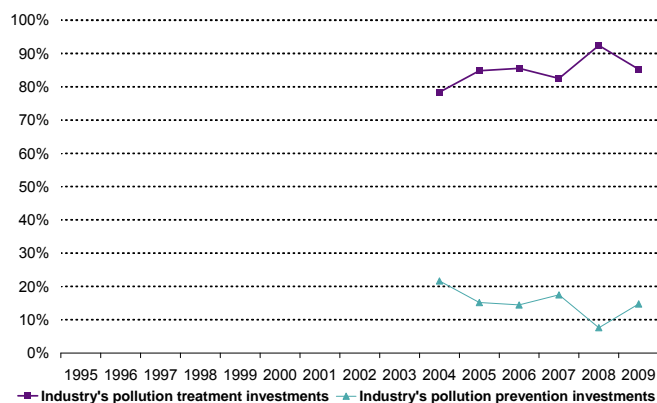
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR17 : Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2004-2009**  
(% of industry's EP current expenditure)



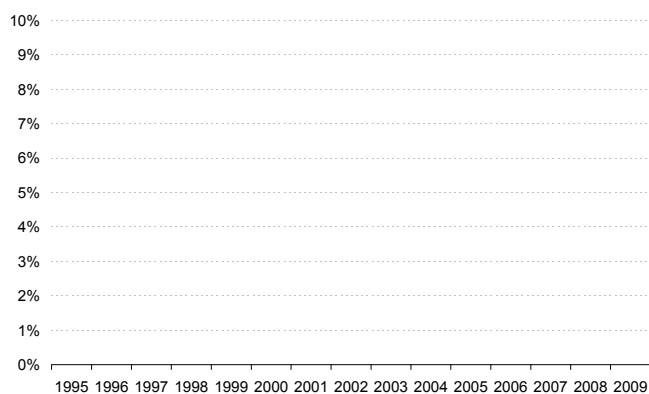
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR18 : Industry's environmental investments: pollution treatment and pollution prevention investments, 2004-2009**  
(% of industry's EP investments)



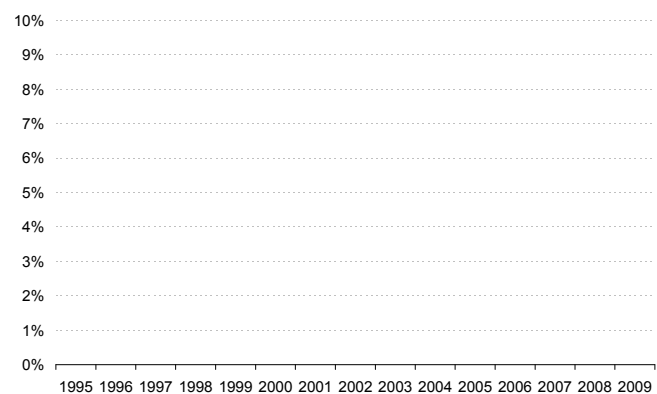
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR19 : Industry's EP investments\***  
(% of industry's GFCF)



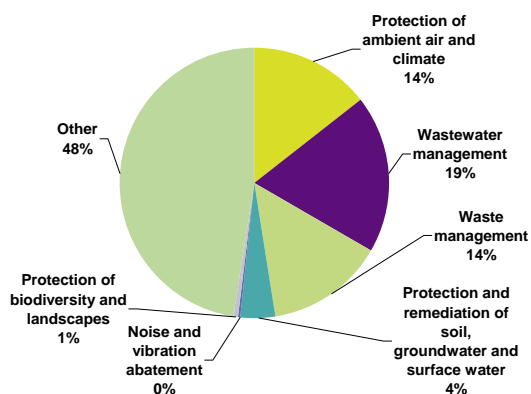
\* No GFCF data available.

**Figure HR20 : Industry's EP current expenditure\***  
(% of industry's compensation of employees plus intermediate consumption)



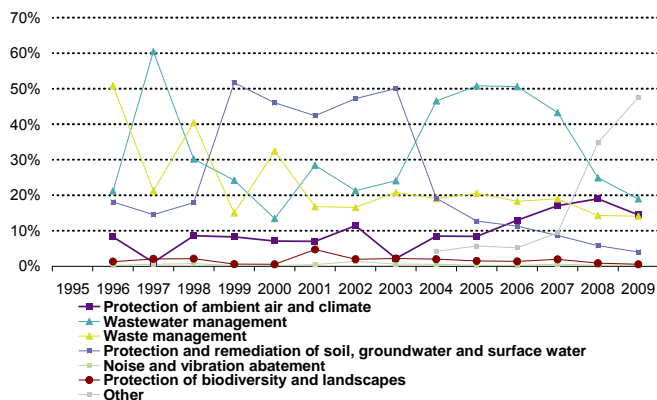
\* No data on compensation of employees plus intermediate consumption available.

**Figure HR21 : Industry's EPE by environmental domain, 2009**  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

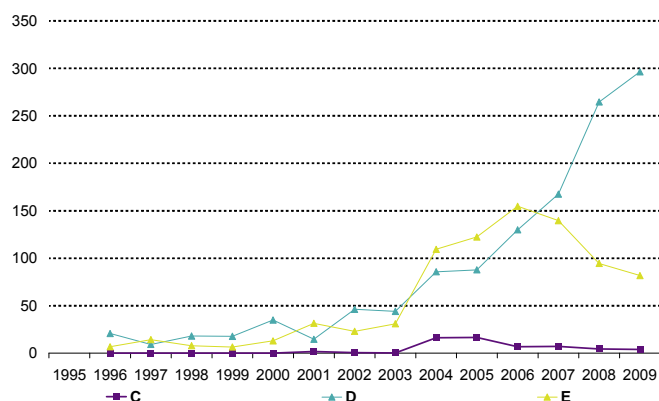
**Figure HR22 : Industry's EPE by environmental domain, 1996-2009**  
(% of industry's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

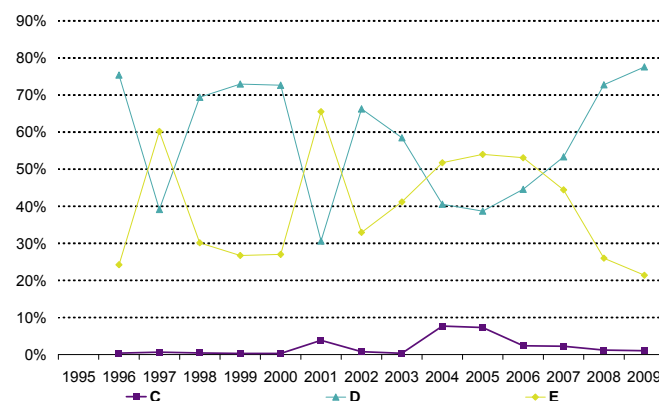


**Figure HR23 : Industry's EPE by sector, 1996-2009**  
(EUR million)



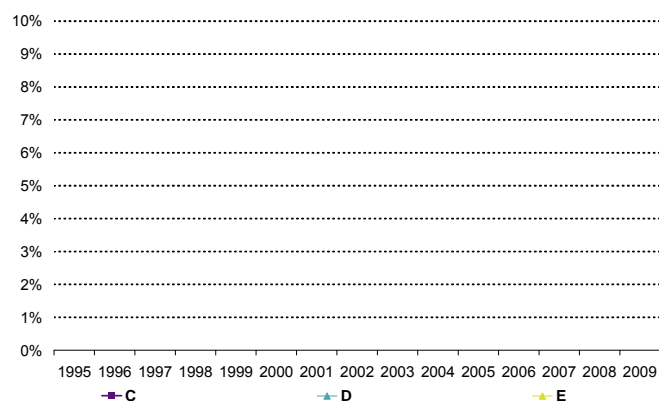
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR24 : Industry's EPE by sector, 1996-2009**  
(% of industry's EPE)



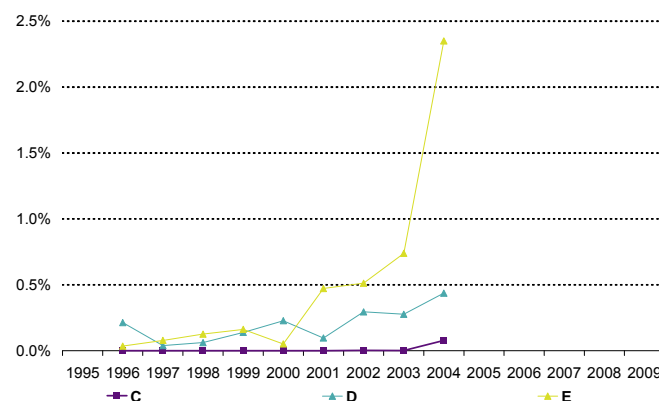
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure HR25 : Industry's investments by sector**  
(% of GFCF)



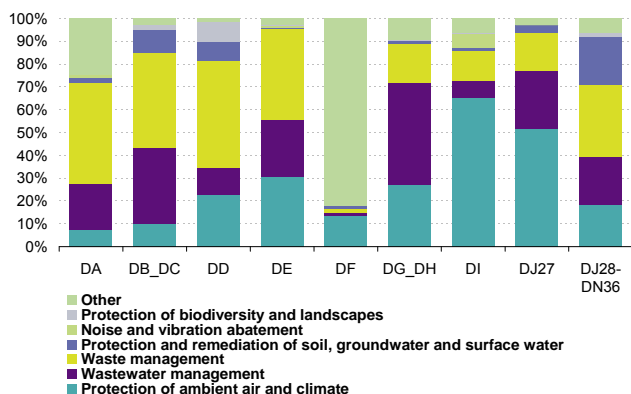
\* No GFCF data available.

**Figure HR26 : Industry's current expenditures by sector, 1996-2004**  
(% of compensation of employees plus intermediate consumption)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

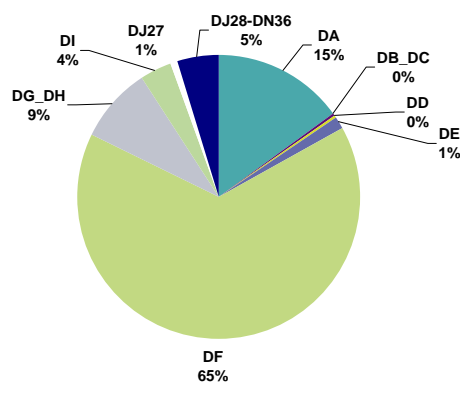
**Figure HR27 : EPE in manufacturing subsectors by environmental domain, 2009**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products  
DD: wood products  
DE: pulp, paper products, publishing and printing

**Figure HR28 : EPE in manufacturing subsectors, 2009**  
(% of total manufacturing's EPE)

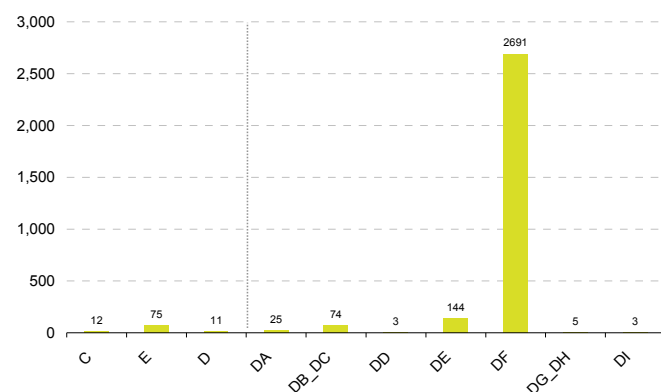


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products  
DJ27: basic metals  
DJ28\_DN36: metal products, machinery and equipment

DF: coke, refined petroleum and nuclear fuel

**Figure HR29** : Industry's EPE for waste management and industry's waste generation, 2008\* (EUR/tonne)



\*EPE for waste management refers to 2007.

Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying

D: Manufacturing

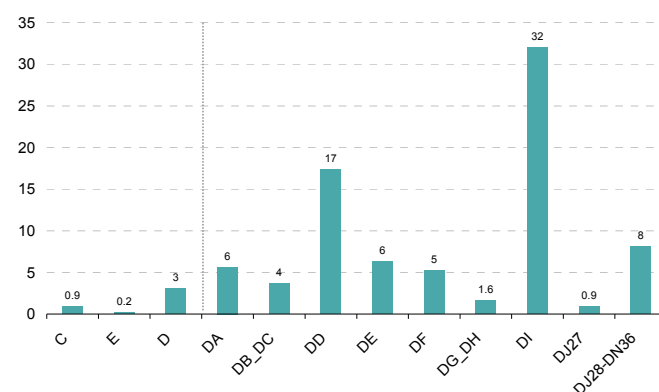
DA: food products, tobacco and beverages

DB\_DC: textile and leather products

DD: wood products

DE: pulp, paper products, publishing and printing

**Figure HR30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel

DG\_DH: chemicals, chemical products, rubber and plastic products

DI: other non metallic products

DJ27: basic metals

DJ28\_DN36: metal products, machinery and equipment

E: Electricity, gas and water supply

## Turkey

## Public sector

Table TR1 Environmental protection expenditure in the public sector, 2008

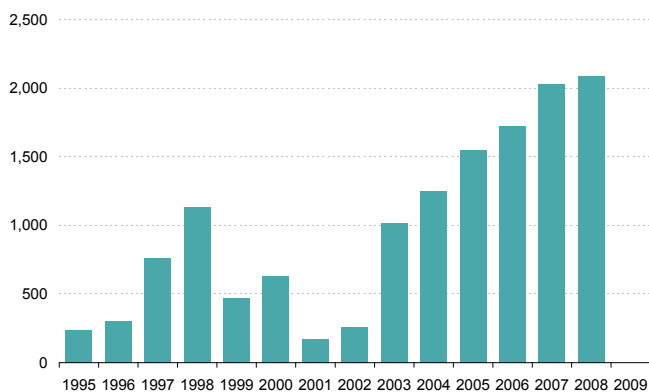
<b>Public sector</b>	<b>2008</b> (EUR million)	
EPE	2 090.02	
Investments	491.30	
In-house current expenditure	:	
Fees and purchases	867.10	
Total current expenditure	1 598.72	
Receipts from by-products	:	
Subsidies/transfers (given)	:	
Revenues	:	
Expenditure I	:	
Expenditure II	:	

<b>Public sector</b>	<b>2008</b>	
	(% of GDP)	(EUR per capita)
EPE	0.42%	29.61

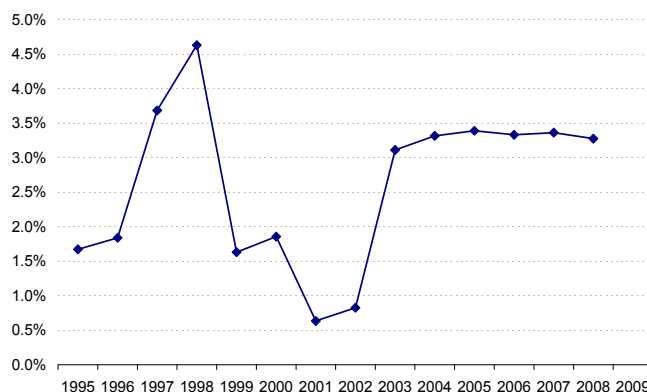
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

**Figure TR1 : Public sector's EPE, 1995-2008**  
(EUR million)



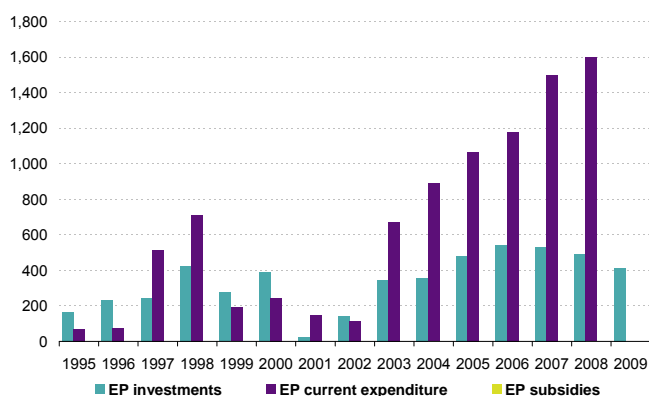
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR2 : Public sector's EPE, 1995-2008**  
(% of final consumption expenditure of general government)



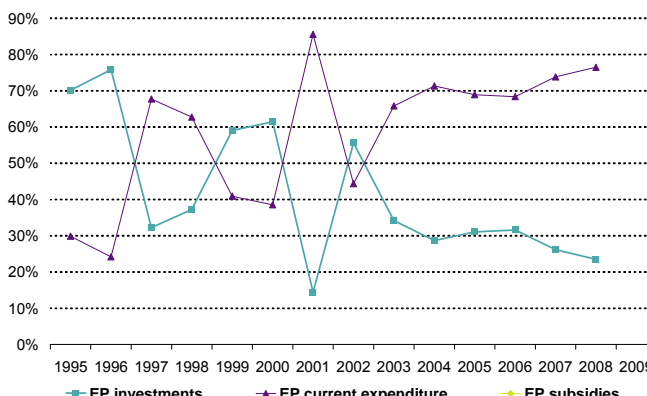
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_nace31\\_c](#))

**Figure TR3 : Public sector's EP investments, current expenditures and subsidies, 1995-2009**  
(EUR million)



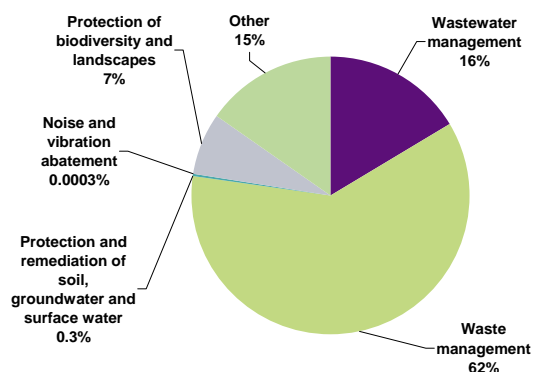
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR4 : Public sector's EP investments, current expenditures and subsidies, 1995-2008**  
(% of public sector's EPE)



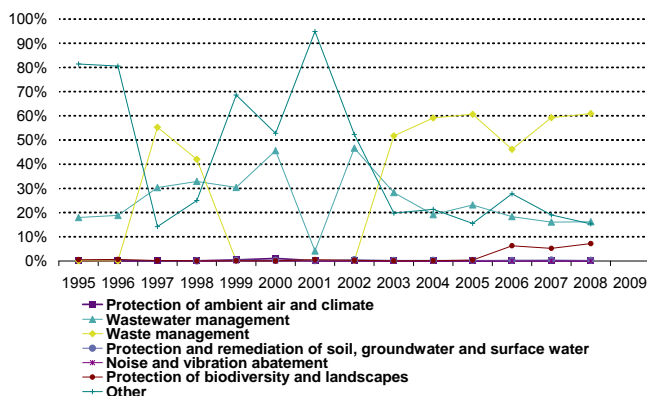
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR5 : Public sector's EPE by environmental domain, 2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR6 : Public sector's EPE by environmental domain, 1995-2008**  
(% of public sector's EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

## Industry

Table TR3 Environmental protection expenditure by industry, 2008

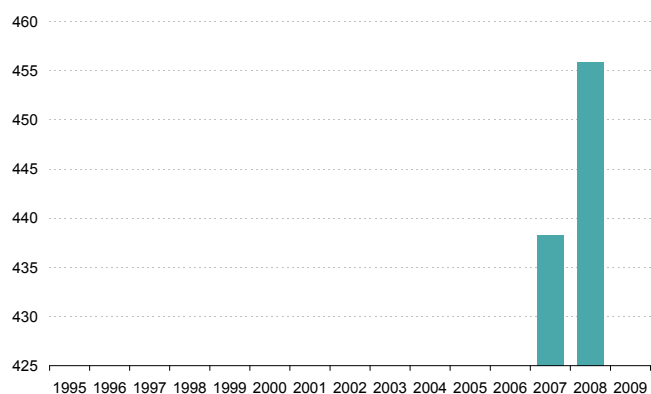
Industry	2008 (EUR million)
EPE	455.87
Pollution treatment investments	118.45
Pollution prevention investments	:
Investments	136.31
In-house current expenditure	175.00
Fees and purchases	144.56
Total current expenditure	319.56
Receipts from by-products	885.64
Subsidies/transfers (received)	:
Expenditure I	-574.33
Expenditure II	:

Industry	2008 (% of GDP)	2008 (EUR per capita)
EPE	0.09%	6.46

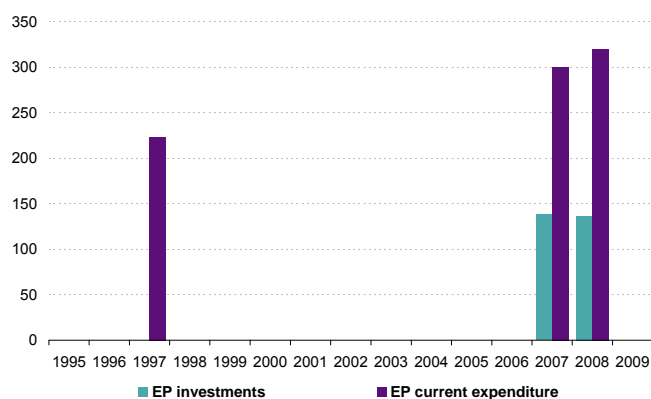
Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [nama\\_gdp\\_c](#), [demo\\_pjan](#))

Figure TR15 : Industry's EPE, 2007 and 2008  
(EUR million)



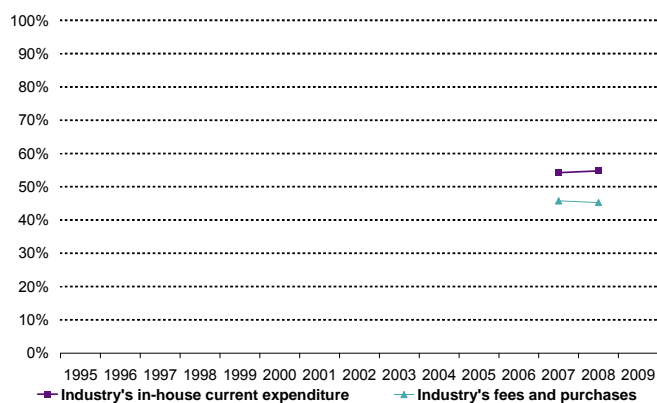
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

Figure TR16 : Industry's EP investments and current expenditures, 1997-2008  
(EUR million)



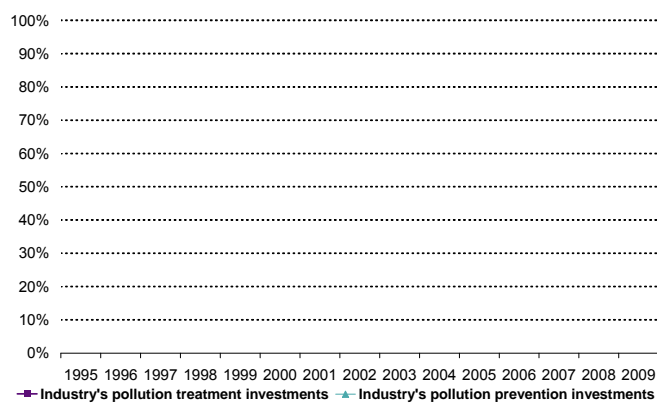
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR17 :** Industry's current environmental expenditure: in-house expenditure and fees and purchases, 2007 and 2008  
(% of industry's EP current expenditure)



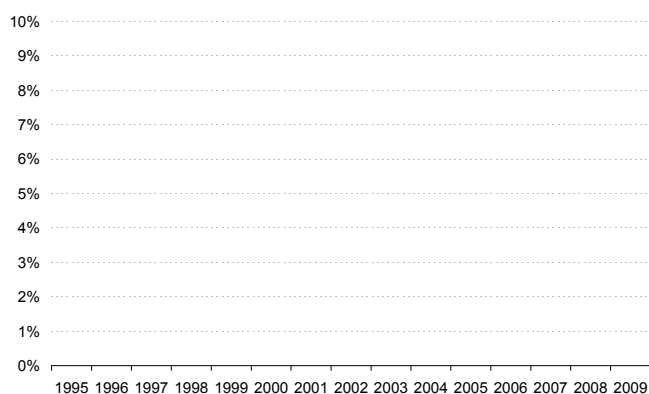
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR18 :** Industry's environmental investments: pollution treatment and pollution prevention investments  
(% of industry's EP investments)



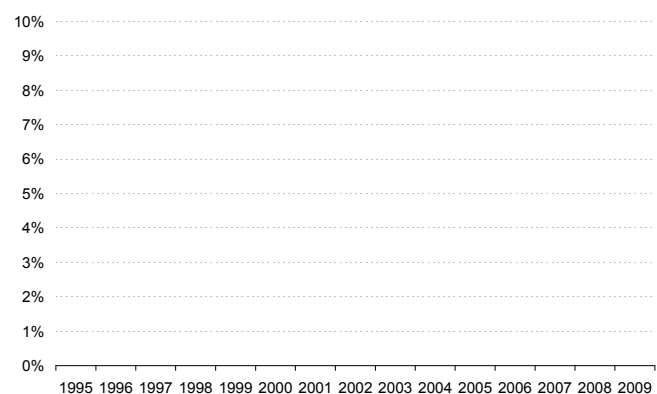
\* No data available.

**Figure TR19 :** Industry's EP investments  
(% of industry's GFCF)



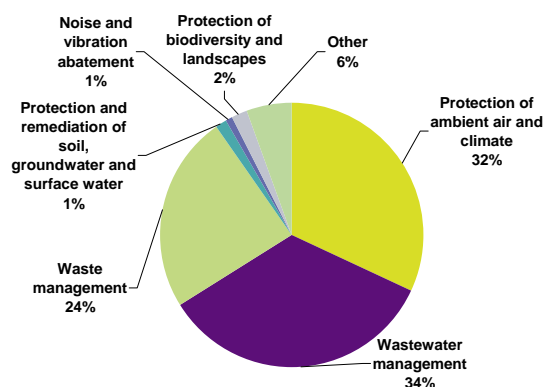
\* No GFCF data available.

**Figure TR20 :** Industry's EP current expenditure  
(% of industry's compensation of employees plus intermediate consumption)



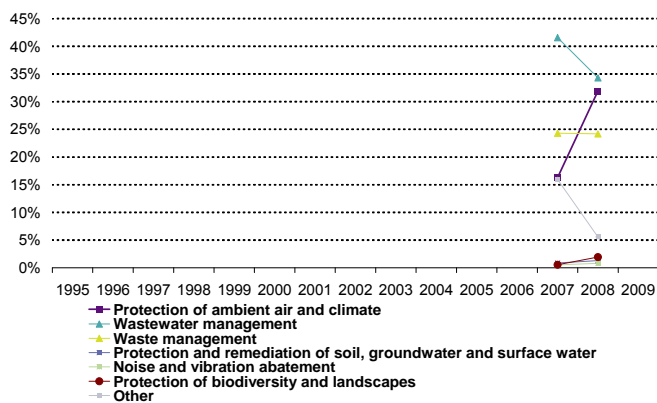
\* No data on compensation of employees plus intermediate consumption available.

**Figure TR21 :** Industry's EPE by environmental domain, 2008  
(% of industry's EPE)



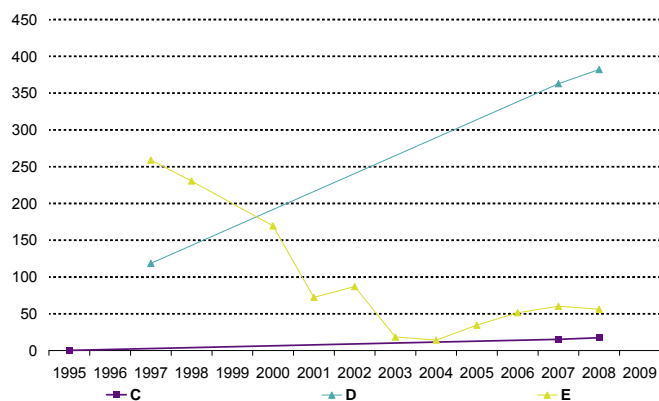
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR22 :** Industry's EPE by environmental domain, 2007 and 2008  
(% of industry's EPE)



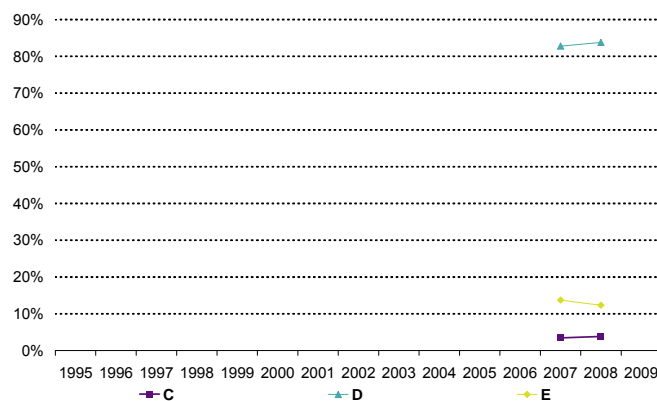
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR23 : Industry's EPE by sector, 1995-2008**  
(EUR million)



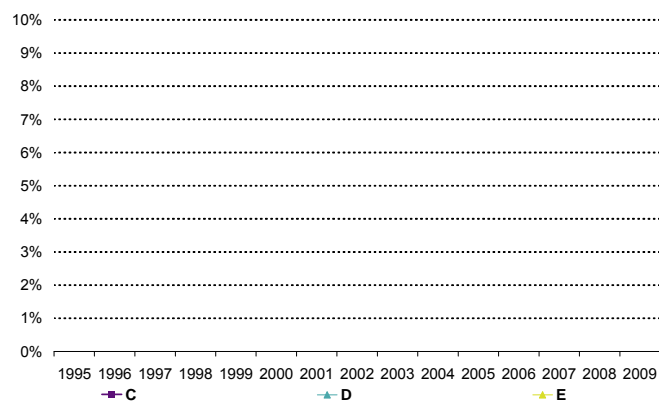
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR24 : Industry's EPE by sector, 2007 and 2008**  
(% of industry's EPE)



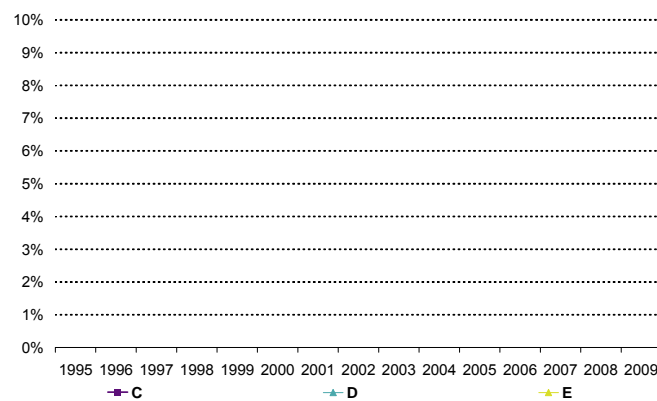
Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

**Figure TR25 : Industry's investments by sector**  
(% of GFCF)



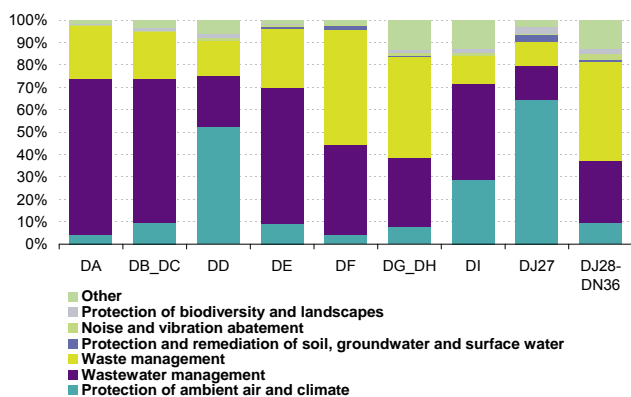
\* No GFCF data available.

**Figure TR26 : Industry's current expenditures by sector**  
(% of compensation of employees plus intermediate consumption)



\* No data on compensation of employees plus intermediate consumption available.

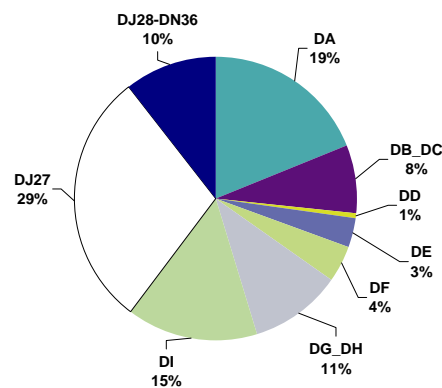
**Figure TR27 : EPE in manufacturing subsectors by environmental domain, 2008**  
(% of manufacturing subsectors' EPE)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DA: food products, tobacco and beverages  
DB\_DC: textile and leather products

**Figure TR28 : EPE in manufacturing subsectors, 2008**  
(% of total manufacturing's EPE)

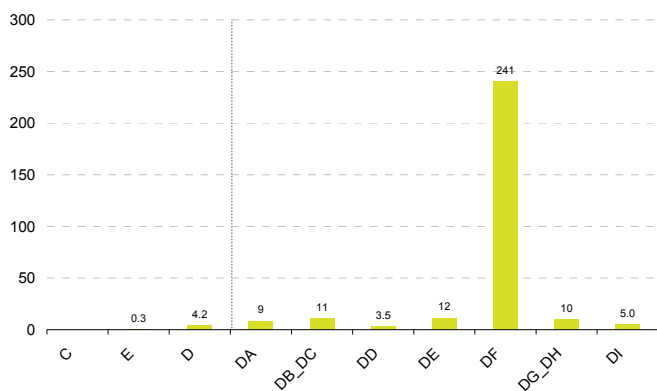


Source: Eurostat (online data code: [env\\_ac\\_exp1](#))

DG\_DH: chemicals, chemical products, rubber and plastic products  
DI: other non metallic products

DD: wood products  
 DE: pulp, paper products, publishing and printing  
 DF: coke, refined petroleum and nuclear fuel

**Figure TR29** : Industry's EPE for waste management and industry's waste generation, 2008 (EUR/tonne)

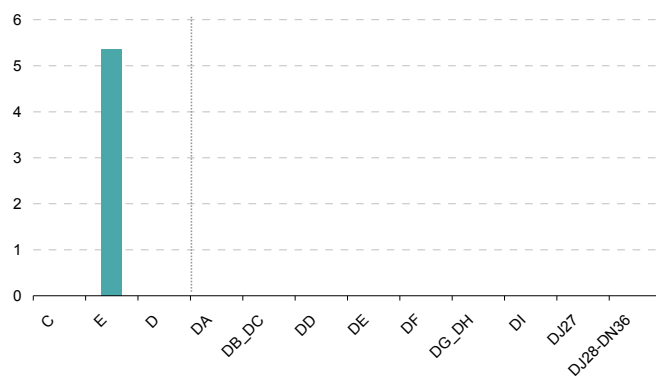


Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_wasgen](#))

C: Mining and quarrying  
 D: Manufacturing  
 DA: food products, tobacco and beverages  
 DB\_DC: textile and leather products  
 DD: wood products  
 DE: pulp, paper products, publishing and printing

DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment

**Figure TR30** : Industry's EPE for air protection and industry's GHG emissions, 2006 (EUR/tonne of CO<sub>2</sub> equivalent)



Source: Eurostat (online data code: [env\\_ac\\_exp1](#), [env\\_ac\\_ainacehh](#))

DF: coke, refined petroleum and nuclear fuel  
 DG\_DH: chemicals, chemical products, rubber and plastic products  
 DI: other non metallic products  
 DJ27: basic metals  
 DJ28\_DN36: metal products, machinery and equipment  
 E: Electricity, gas and water supply



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