Table of contents

Introduction 3			
1	General Data		
1.1.2	Basic figures Area and population worldwide GDP, GDP share in the world, GDP per head in PPP worldwide Trade in goods worldwide	22 24 26	
2.1.2 2.1.3	Energy indicators Energy dependency Energy dependency — all products Energy dependency — hard coal and derivatives Energy dependency — oil Energy dependency — natural gas	30 32 34 36	
2.2 2.2.1	Energy intensity Energy intensity	38	
2.3.2 2.3.3 2.3.4 2.3.5	Energy supply Primary energy production, by fuel Gross inland consumption, by fuel Imports of energy products, by country of origin Net imports of solid fuels and oil Net imports of natural gas Net imports of electricity	40 42 44 46 48 50	
2.4.2 2.4.3 2.4.4 2.4.5	Final energy consumption Final energy consumption, by sector Final energy consumption, by industrial sector Final energy consumption in industry, by fuel Final energy consumption by mode of transpor Final energy consumption in transport, by fuel Final energy consumption in households, by fuel	52 54 56 58 60 62	
2.5.2 2.5.3 2.5.4	Energy industry Installed capacity of electricity generation plants, by type Power station generation, by type Thermal efficiency of power stations Combined heat and power generation Market share of the largest generator in the electricity market	64 66 68 70 72	
2.6.2 2.6.3 2.6.4 2.6.5	Renewable energy sources Share of renewable energy in gross final energy consumption Installed capacity for electricity generation from renewables Electricity from renewables in total electricity consumption Biofuels production capacity Primary production of biofuels Share of biofuels in fuel consumption of transport	74 76 78 80 82 84	
	Energy efficiency Gross inland consumption per capita Final electricity consumption per capita	86 88	
	Energy prices Electricity prices in households and industry Natural gas prices in households and industry	90 92	

3	Transport indicators	
3.1.2 3.1.3 3.1.4 3.1.5	Transport equipment Motorisation rate of passenger cars Passenger cars, by fuel type Renewal rate of passenger cars Motorisation rate of lorries and road tractors Renewal rate of lorries and road tractors Airfleet by operator country	96 98 100 102 104 106
3.2.2 3.2.3 3.2.4 3.2.5 3.2.6 3.2.7	Freight transport Index of inland freight transport volume relative to GDP Modal split of inland freight transport Goods freight transport by rail Goods freight transport by road Goods freight transport by inland waterways Goods freight transport by sea Goods freight transport by air Goods freight transport by oil pipelines	108 110 112 114 116 118 120 122
3.3.1 3.3.2 3.3.3 3.3.4	Passenger transport Passenger transport by rail Passenger transport by passenger cars Passenger transport by buses and coaches Passenger transport by air Passenger transport by sea	124 126 128 130 132
	Transport safety Persons killed in road accidents	134
3.5.1	Transport infrastructure Motorways network Railways network	136 138
	Transport-related emissions Greenhouse gas emissions from transport, by mode of transport	140
4	Environment indicators	
4.1.1 4.1.2 4.1.3 4.1.4 4.1.5	Greenhouse gas emissions Greenhouse gas emissions and agreed reduction targets Greenhouse gas emissions, breakdown by inventory sector Carbon (CO_2) intensity of energy use CO_2 emissions by economic activity, by country Carbon (CO_2) productivity of the EU economy by NACE section Domestic and global CO_2 emissions induced by EU-27 — production and consumption perspective	144 146 148 150 152
4.2.1 4.2.2 4.2.3	Material flow accounts Domestic material consumption by material Total imports and exports of materials in the EU-27 Total imports and exports, by stage of manufacturing Domestic material input and domestic material consumption	156 158 160

162 164

per capita
4.2.5 Raw material input and raw material consumption per capita

4.3	Waste			
4.3.1	Total waste generated (hazardous, non-hazardous)	166		
4.3.2	Waste generation by economic activity and households	168		
4.3.3	Waste management	170		
4.3.4	Waste generation (excluding major mineral wastes)	172		
4.3.5	Municipal waste generated per inhabitant	174		
4.3.6	Energy production from municipal waste incineration	176		
4.3.7	Greenhouse gas emissions from waste treatment	178		
	Recovery and recycling rate of packaging waste	180		
	Recovery and recycling rate for end-of-life vehicles	182		
	Waste electrical and electronic equipment	184		
	Waste shipment — hazardous waste	186		
	Chemicals			
	Production of environmentally harmful chemicals	188		
		100		
4.5	Forestry and biodiversity			
	Trade in roundwood, fuelwood and pellets	190		
	Imports of major wood products by species	192		
4.5.3	Production and apparent consumption of industrial roundwood			
	by species	194		
4.5.4	Tropical wood imports to the EU from Chapter 44 of the			
	Harmonised System	196		
4.5.5	Economic indicators for forestry and logging in current			
	basic prices	198		
	Employment in forestry and logging	200		
	EU common bird indicators	202		
4.5.8	National and EU farmland bird indicators	204		
4.6	Water			
4.6.1	Total abstraction of fresh water	206		
4.6.2	Total abstraction of fresh water per capita, by source	208		
4.6.3	Use of water from all supplies by the domestic sector			
	(households and services) per capita	210		
4.6.4	Self supply water use for energy production (cooling water only)	212		
	Population connected to at least secondary wastewater treatment			
4.7	Environmental taxes			
	Environmental tax revenue by type as % of GDP	216		
	Environmental tax revenue by type as % of taxes and social	210		
4.7.2	contributions	218		
172		220		
	Energy taxes by economic activity	222		
	Transport taxes by economic activity	224		
	Implicit tax rate on energy	224		
4.8	Environmental protection expenditure			
4.8.1	Environmental protection expenditure in the European Union	226		
	Environmental protection expenditure by environmental domain	228		
4.8.3	Environmental protection expenditure by sector	230		
4.8.4	Environmental protection investment and current expenditure			
	by sector	232		
4.8.5	Environmental protection expenditure by industry sub-sector	234		
A	A. Classary of tarms used in the anary section	236		
, , , , , , , , , , , , , , , , , , , ,				
	x B: Terms and methodology used in the transport section	239 240		
Annex D: Calorific values and conversion factors 246				