

Table of contents

Preface	3
List of abbreviations and acronyms	4
Table of content	6
1. Introduction	10
Policy context.....	10
Existing conceptual frameworks	11
European strategy for environmental accounts and legal basis.....	12
Purpose and structure of the handbook.....	12
2. Definitions, delimitations and classifications	13
2.1. Overview of the EPEA goals and approach	13
2.2. Establishing the boundaries of EPEA: environmental protection activities	16
What are environmental protection activities?	17
Operationalising the scope of EPEA.....	19
2.3. Borderline cases in delimiting EPEA activities	20
2.4. Environmental protection products	21
2.5. Statistical units in EPEA	24
2.5.1. Institutional units and sectors	24
General Government and Non-Profit Institutions Serving Households.....	24
Non-financial and financial corporations	24
Households.....	25
Rest of the world.....	25
2.5.2. Local kind of activity units. Producers of environmental protection services	25
Specialist producers.....	26
Industries	27
Statistical units for the compilation of EPEA.....	27
2.6. Classifications	28
Classification of environmental protection activities.....	28
Classification of resource management activities	29
NACE classification.....	29
3. Framework for data collection	32
3.1. Overview of the EPEA framework	32
3.2. EPEA characteristics	37
3.2.1 Mandatory reporting	37
Production of environmental protection services	37
Transition from output at basic prices to supply available to resident users at purchaser's prices....	40
Uses of environmental protection products.....	42

Environmental protection transfers	42
3.2.2. Voluntary reporting	44
Production of environmental protection products.....	44
Uses of environmental protection products.....	48
Environmental protection transfers	48
3.3. Eurostat EPEA questionnaire	49
3.3.1. Mandatory part of the tables	51
3.3.2. Voluntary part of the tables.....	54
Breakdowns by individual CEPA domains.....	54
Additional voluntary characteristics.....	54
3.4. Calculation of national expenditure	56
Total national expenditure on environmental protection in the SEEA-CF.....	57
National expenditure for environmental protection in Regulation (EU) No 691/2011	57
Improving the estimation of NEEP using the voluntary EPEA data collection	60
Contributions to NEEP by institutional sectors.....	61
Presenting the financing of NEEP by sector	63
4. Data sources.....	64
4.1. National accounts.....	65
4.1.1. Supply and use tables	65
4.1.2. ESA 2010 TP Table 3 (data by industry).....	73
4.1.3. COFOG data.....	74
4.2. Structural Business Statistics	79
4.2.1. SBS data under the 'common module'.....	80
4.2.2. SBS environmental characteristics	82
4.3. Environmental accounts	85
4.3.1. Environmental goods and services accounts	85
4.3.2. Environmental subsidies and similar transfers	89
4.4. Other data sources	91
4.4.1. Other data sources about producers of environmental protection services	91
4.4.2. Specific surveys on environmental protection expenditure	92
4.4.3. Balance of Payments	93
4.4.4. Household expenditure surveys.....	94
4.4.5. Sources for NPISH	95
4.4.6. Labour statistics	96
5. Filling-in the tables.....	98
5.1. Table 1: general government.....	101
5.1.1. Table 1: mandatory part.....	102
Production of environmental protection services	102
Uses of environmental protection services	104
5.1.2. Table 1: voluntary part.....	104
5.1.2.1. Detailed data for the voluntary part.....	106

5.1.2.2. Distribution by individual CEPA classes	110
5.2. Table 2: corporations as market producers of environmental protection services	111
5.2.1. Table 2: mandatory part.....	112
5.2.2. Table 2: voluntary part.....	113
5.2.2.1. Detailed data for the voluntary part.....	113
5.2.2.2. Data by individual CEPA classes.....	115
5.3. Tables 3, 3a, 3b, 3b_add, 3c, 3d & 3e: corporations: other.....	115
5.3.1. Table 3: mandatory part.....	116
5.3.2. Table 3: voluntary part.....	117
5.3.2.1. Detailed data for the voluntary part.....	118
5.3.2.2. Data by individual CEPA classes.....	121
5.4. Table 4: total supply	122
5.4.1. Table 4: mandatory part.....	122
5.4.2. Table 4: voluntary part.....	127
5.5. Table 5: households	128
5.5.1. Table 5: mandatory part.....	128
5.5.2. Table 5: voluntary part.....	129
5.5.2.1. Detailed data for the voluntary part.....	129
5.5.2.2. Data by individual CEPA classes.....	132
5.6. Table 6: transfers.....	133
Organising the data.....	133
5.6.1 Table 6: mandatory part.....	134
5.6.2. Table 6: voluntary part.....	135
5.6.2.1 Detailed data for the voluntary part.....	136
5.6.2.2. Data by individual CEPA classes.....	136
5.7. Table 7: summary and NEEP	137
6. Use and presentation of EPEA data	138
6.1. Overview uses of EPEA data	138
6.2. Descriptive presentation of EPEA data.....	140
6.2.1. NEEP and its main components	140
NEEP components: Current and capital expenditure	142
Analysis by domain.....	146
Environmental protection output	148
Structure of the production costs	149
Relating EPEA to the national economy	149
Combining EPEA with physical data.....	152
Combining EPEA with other environmental accounts: the case of tax data	152
Annex 1: NACE positions of characteristic EP activities	154
Annex 2: List of EPEA characteristics	155