



Environmental protection expenditure accounts in the EU – situation and uses

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Regulation (EU) No 691/2011 on European environmental economic accounts

Includes 3 modules (data delivery from 2013)

- **Air emissions (14 pollutants x NACE A*64 + households)**
- **Environmental taxes (4 types x NACE A*64 + households)**
- **Material flow accounts**

3 new modules now with European Parliament and Council (data from 2017)

- **Environmental protection expenditure account**
- **Environmental goods and services account**
- **Energy flow accounts**

691/2011 mentions more possible future areas, e.g.

- **Forest accounts**
- **Ecosystem services accounts, etc.**

Amended Regulation (EU) No 691/2011 will require on EPE *(more detail will be voluntary)*

Data on

- **Output of EP services (market, non-market and ancillary - no adapted or connected products!)**
- **Intermediate consumption of EP service**
- **Final consumption of EP services**
- **Imports, exports, VAT and other net taxes, other transfers**
- **Capital formation for EP**

By sectors

- **Government, corporations (ancillary), corporations (specialist), households, rest of the world**

By environmental domains

- **Based on CEPA, different level depending on sector**

European strategy for environmental accounting (ESEA)

Approved by European Statistical System Committee = heads of EU statistical offices = formal EU Committee

First strategy 2003

Update 2008 (the ESEA 2008) now in force – largely achieved with Regulation

ESEA 2014 (tentative)

- **Now under development – adoption foreseen spring 2014**
- **Consolidation and quality improvement of current 3+3 modules**
- **Few new development areas due to economic situation (forest and water flow accounts, environmental subsidies and resource management expenditure (ecosystem accounts = EEA))**

Environmental protection expenditure (EPE) – current state

Data collection every two years together with OECD

Obligatory data submissions: COFOG 05 as part of national accounts, expenditure of mining-manufacturing-electricity supply as part of structural business statistics, specialist producers (NACE 37-39) as part of national accounts

Majority of countries report data but few have full accounts

EU totals estimated by Eurostat

Environmental protection expenditure account (EPEA) – uses

*Proper supply-use table (based on existing sources)
Allow compiling a meaningful total and meaningful trends*

- **Helps national accounts (hopefully)**
- **A data source for EGSS (in-house use)**
- **Relate to physical data in selected areas (e.g. Australian integrated waste accounts)**
- **Analysis of economic impact of environmental policy (competitiveness, EGSS)**
- **To check application of polluter pays principle**
- **For environmental performance reviews&planning**
- **Source for environmental valuation**

EU totals estimated by Eurostat have mainly been used to estimate markets and jobs