

Organisation and dissemination of environmental accounts

Study Visit of Israeli Central Bureau of Statistics on Environmental Accounting

25.8.2014 Ville Vertanen

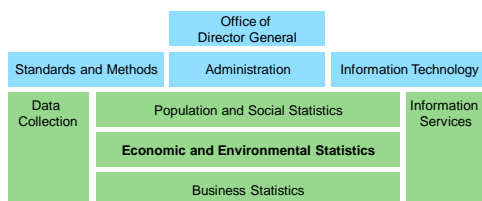


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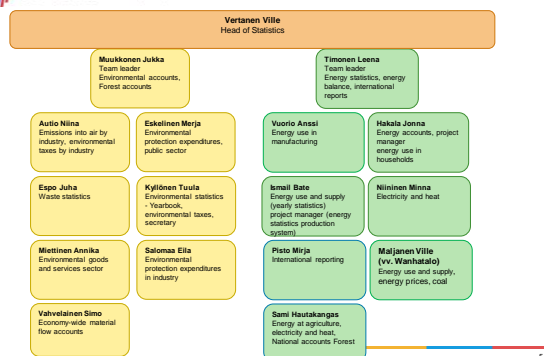
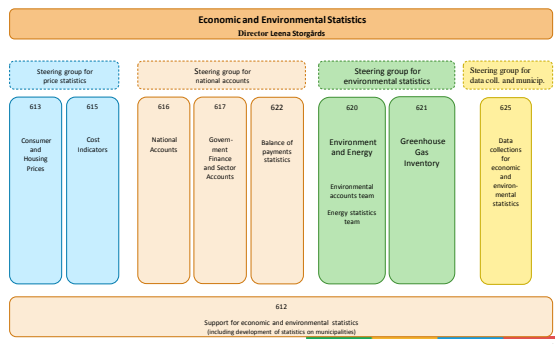
Organization from 1.1.2013



Centralization of data collection

Centralization of data publication





Steering Group for Environmental Statistics

- Meeting about once in a month
- Follows and advises ongoing work in Greenhouse Gas Inventory and Environment and Energy Statistics
- Works as advisory board for director in matters that concerns these statistics
- Group members:
 - Director from Economic and Environmental Statistics, Heads of Statistics, Senior Advisers and Team Leaders from Environment and Energy and Greenhouse Gas Inventory

Co-operation Group for Environmental Accounts

- Communication with / between interest groups
- Co-operation in international affairs
- Other possible issues
- Members
 - Ministry of the Environment, Finnish Environment Institute
 - Ministry of Agriculture and Forestry, Forest research institute
 - Ministry of Employment and Economy, Geological Survey of Finland
 - Government Institute for Economic Research
 - Thule-institute of University of Oulu
 - The Federation of Finnish Technology Industries
 - Finnish Game and Fishery Research Institute



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Environmental accounts

Regular production of:

- Environmental expenditures
- Environmental goods and services
- Environmental taxes
- Economy-wide material flows
- Air emissions accounts
- Forest accounts (timber flows)
- Waste statistics
- Energy Accounts

Other tasks

- Development of energy accounts with energy statistics team
- Compilation of Environment Statistics Yearbook
- Co-ordination of co-operation with Ministry of the Environment in the field of environmental statistics and accounts
- International co-operation with Scandinavian countries, EU, OECD and UN



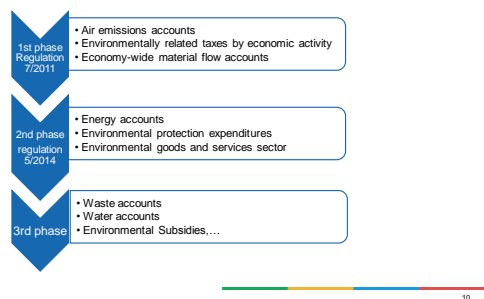
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Environmental Accounts



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Regulation base on environmental accounts



Modules for Environmental Accounts (1)
SEEA physical flow accounts

Modules	Publication in Statistics Finland	EU regulation	UN SEEA
Economy-wide material flow accounts	First publication 11/2011 Time series 1970-	First data delivery to Eurostat at 2013	Flows
Waste Statistics	Time series 1994-	Waste statistics regulation 2004-	Flows
Land use	National Land Survey of Finland 2000-	-	Stocks

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Modules for Environmental Accounts (2)
SEEA monetary flow accounts

Modules	Publication in Statistics Finland	EU regulation	UN SEEA
EPE - Industry	Time series 1992-	Regulation 2014	Environmental protection
EPE –Public sector	Time series 1994-	Regulation 2014	Environmental protection
Environmentally related taxes and payments	Time series 1980-	Regulation 2014	Environmental protection
Environmental taxes by economic activity	Time series 2008-	Regulation 7/2011	Environmental protection
EGSS	Time series 2009-	Regulation 2014	Environmental protection

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Modules for Environmental Accounts (3)

SEEA hybrid accounts

Modules	Publication in Statistics Finland	EU regulation	UN SEEA
Forest accounts	Time series 1980-	-	Flows
Air emissions accounts	Time series 1995-	Regulation 7/2011	Flows
Energy Accounts	Grants project 2012-2014	Regulation 2014	Flows



International co-operation in environmental accounts (1)

- Finland joined the EU in 1995
- Co-operation between Statistics Finland and Eurostat since the beginning of 1990s
- Statistics Finland co-ordinates Finland's international statistical co-operation with Scandinavian countries, EU, OECD and UN
- In environmental accounting in Eurostat's
 - Director meetings, Working groups, Task forces
 - Pilot studies on forest, material flow, waste, water accounts, EGSS, energy accounts, etc.



International co-operation in environmental accounts (2)

- Eurostat DIMESA, Directors Meeting on Environmental Statistics and Accounts
- Eurostat working groups
 - environmental accounts, environmental expenditures
- Eurostat Task Forces
 - Forest acc., resource use and management acc.
- OECD Working party on Environmental Information
- UNECE Task Force on climate related statistics
- UN CEEA- Committee of Environmental Economic Accounting



Dissemination of Environmental Accounts

- Statistical publications (eg emissions into air)
 - http://tilastokeskus.fi/til/tilma/index_en.html
- Statistical database
 - http://tilastokeskus.fi/til/tilma/tau_en.html
- Data by Theme
 - http://tilastokeskus.fi/tup/ymparistotilinpidon-teemasivut/index_en.html
 - http://tilastokeskus.fi/tup/khkinv/index_en.html