

Compilation of EPEA Experiences from the Netherlands

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Work done so far in the Netherlands.....

- Current situation:
 - Current Dutch EPER statistics describe different subsectors of the economy, such as mining, manufacturing en electricity and water supply, agriculture and transport.
 - Also provide an overall view of all sectors, including government and specialised producers.
 - 'Net cost approach'
 - Data not fully consistent with NA
- 2011: Pilot project: full EPEA and ReMEA
- 2013-2014: Compiling tables for EPE module

Compiling full EPEA tables

- EPEA/ReMEA framework in its most detailed form is a complex system
 - Requires many different data sources
 - Requires specific knowledge
 - Requires significant resources/time to compile
- Feasible to compile tables B, B₁ and A
- *Experimental*: Integration of all EGSS activities in tables B and B₁
- *Experimental*: also include resource management

Part of Table B: specialist producers EP

		Agriculture	Manufacturing	Electricity producers	Environmental services pu	Environmental services pri	Construction	general government	other services
1	Intermediate consumption	499	1209		2031	3135	602	888	926
1.1	of which EP services	10	1		183	1617	1	1482	1
1.2	of which ad. And c.n products	0	0				0	0	0
2	Compensation of employees	70	245		609	812	170	712	617
3	Taxes on production	15	1		96	67	1	0	2
4	less subsidies on production	-27	-2		0	-5	-1	0	-2
5	Consumption of fixed capital	119	32		485	405	0	9	9
6	Net operating surplus	121	130		0	552	51	3	203
7	Output (basic prices)	797	1615		3221	4966	823	1613	1755
7.1	Non environmental output				35	522			
7.2	Environmental protection output	797	1615		3186	4444	823	1613	1755
8	Current EP resources	797	1615	0	3186	4444	823	0	1755
8.1	Market output	797	1615	0	3186	4444	823		1755
8.2	Current transfers								
9	Capital transaction								
9.1	Gross capital formation	130	49		762	389	15	1184	55
9.2	Other capital uses (land)							59	70
9.3	Investments grants received				0	2	0	0	0
9.4	Other capitalL transfers received								
10	Labour inputs	32	5		11	15	3	9	12
11	stock of fixed assets								
12	financed by producers	130	49	0	762	387	15	2856	125

Supply table (B1)

<i>mln euro</i>	Agriculture	Manufacturing	Energy producers	Environmental services private	Environmental services public	recycling	building	wholesale trade	transport	general government	other services	import	taxes	margins	TOTAAL
Environmental protection services															
environmental services (private)	0	16	0	4444	0	202	0	0	0	0	0	0	102		4764
environmental services (public)	0	0	0	0	3186	0	0	0	0	0	0	0	68		3254
environmental inspection and control											134				134
General government services										1571					1571
environmental education										42					42
other environmental services											126				126
environmental consultancy services											1629				1629
Ancillary activities	426	1032	99	0	4	0	23	0	96	11	128				1820
Products															
Biological products	921											??	??	??	921
Industrial equipment		1615										??		??	1615
Building services							823					??		??	823



Use table (B1)

<i>mln euro</i>	Agriculture	Manufacturing	Energy producers	Environmental services private	Environmental services public	recycling	building	wholesale trade	transport	general government	other services	export	consumption government	consumption households	Investments	stock changes	total
Environmental protection services																	
environmental services (private)	253	304	29	1612	154	33	227	49	112	1482	341	42	0	126	0	0	4764
environmental services (public)	19	97	3	1	0	10	22	18	23	1860	132	0	1069	0	0	0	3254
environmental inspection and control	3	13	0	0	0	0	0	1	24	0	27	0	0	10	56	0	134
general government services													1571				1571
environmental education													42				42,12
other environmental services														126			126,2
environmental consultancy services	1	6	0	0	2	0	65	0	17	22	255	435	0	38	788	0	1629
Ancillary activities	426	1032	99	0	4	0	23	0	96	11	128	0	0				1820
																	0
products																	0
Biological products	???	???	???	???	???	???	???	???	???	???	???	???		519			519
Industrial equipment												???			???		0
Building services	???	???	???	???	???	???	???	???	???	???	???	???	???	???	???		0



First experience with EPE tables (Eurostat)

- **Pilot:** filling tables based on existing data for on eyear
 - to bring data from the National accounts together with the data from the EPER statistics
 - To what extent can the Government statistics (COFOG) be used ?
- Voluntary and obligatory tables
- Focus on EP (but also look at some RM domains)

The accounting tables

- **General government (table 1)**
- **Corporations: ancillary production (table 2)**
- **Corporations as market producers (table 3)**
- Total supply of resource management products (table 4)
- Households (table 5)
- RM Transfers (table 6)
- Total economy (tables 7.1 and 7.2)

General government (table1)

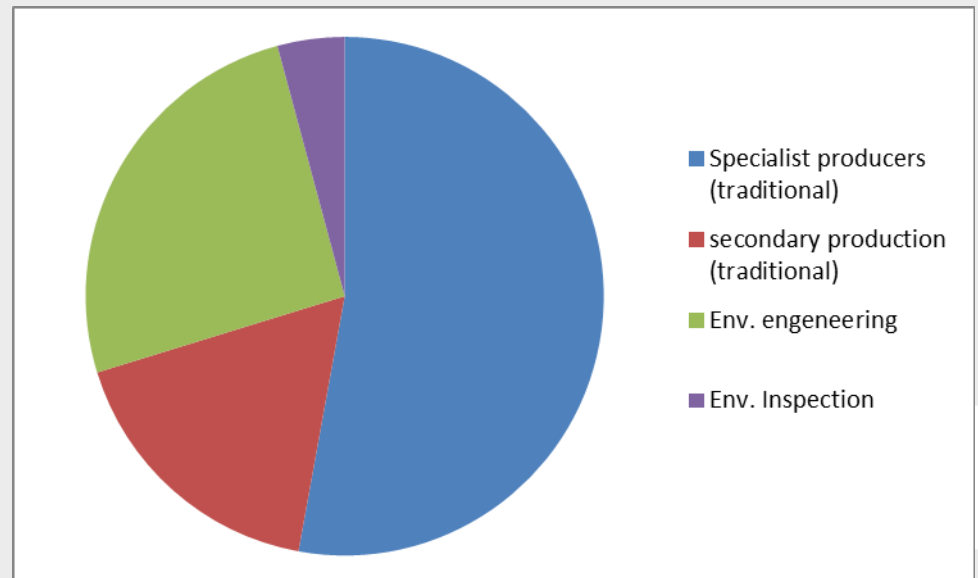
- Central government
 - Table can be filled using data from government statistics: COFOG
 - Issue: COFOG versus CEA classification
- Local government:
 - Data from government statistics: COFOG
 - or production environmental services by government (monetary supply use tables NA).

Corporations: ancillary production (table 2)

- Data from surveys
- Issue: how to compile data for current expenditure ?
- Scope issue: inclusion of other sectors (agriculture, transport, building etc.)

Corporations as market producers (table 3)

- Data from National accounts (ISIC 37-39)
- Additional data needed from production statistics for allocation to CEPA
- *Scope issue:* Inclusion of other specialist producers : environmental consultancy/ engineering, environmental inspection services



Extending scope to resource management

EPE tables can also be used for Resource management activities

Key issues:

- 1) Scope
- 2) Definition of characteristic activities
- 3) Definition: products
 - RM characteristic products
 - Connected products
 - Resource efficient products
- 4) Classification issues (EP versus RM)
 - energy saving / renewable energy; recycling, etc.

Conclusions

- EPE tables (Eurostat) good point of departure for core table
- Tables can also be extended to include RM
- Integrated approach needed → also integrate EGSS