

Issues and challenges in compilation of activity accounts

London Group on environmental accounting
21st meeting
2-4 November 2015
Statistics Netherlands – The Hague

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The demand for green statistics and figures are growing

- Demand from policymakers and international organizations
- Looking towards the SEEA activity accounts for help
 - Environmental Protection Expenditures - EPEA
 - Environmental Goods and services Sector - EGSS
 - Environmental payments by/to government – Taxes, subsidies and other transfers
 - Accounts for resource management expenditures
 - Permits to use environmental assets

Environmental activity accounts

- Finding environmental «green» figures in existing statistics.
- Have «investment» – want investment related to environmental protection and management separated out.
- Have government expenditures – want those for the environment.
- Have the national accounts – want the output, export, taxes, subsidies, expenditures, value added and employment related to environment...and broken down by industries



But difficult to get what we want...

Definitions are not clear

- What is the definition of green or environmental related?
- Which activities are to be included and which to exclude?

Statistical classifications not possible to use

- Existing statistical classifications in use have other focus than «green»
- Challenges in "greening" statistical classifications

New statistical sources have to be defined

- Existing statistics are not detailed enough
- Do the establishments know about their green activities?

Challenge: Few building blocks exists in order to start the work with the construction of activity accounts

Where to find the building blocks...

- Not enough detail in the national accounts
- Details lost or not obtained from source data
- Need to implement COFOG and use other relevant classifications when collecting data

The more advanced and detailed your national accounts, the more you can do!

- BUT...can do a fair amount with fairly basic information from your statistical system

Challenges... Lack of data and/or details

- «Easy»...environmental taxes revenue
 - National Tax list
- The other activity accounts are more challenging to compile
 - Identify national and international criteria for “green”/environmental
 - Identified new sub-classifications
 - Identified new data sources (but how to utilize these?)
 - New data-systems have to be build
- Use rough estimates?
 - > Its often the details that are asked for!

Overcoming the challenges...

- Need to have clear goals and definitions of what to compile
 - what to include/exclude
 - analysis vs. official statistics
- Need to cooperate with other units within the statistical office including the National Accounts
- Need to cooperate with other organizations and enterprises outside your statistical office
- Need to understand that it takes time to construct environmental activity accounts since the basic statistics very often is not easily available

Questions?

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«Grønne» tall og statistikker

Det meste av energi- og miljøstatistikken kan kanskje defineres innunder kategorien «grønn», men for å måle utviklingen knyttet til et «grønt skifte i norsk økonomi» er det noen statistikker som er bedre egnet enn andre

Et "grønt skift" handler om:	Statistikker og indikatorer (som helt eller delvis dekker emnet)
Mer effektiv bruk av naturressurser	MFA Energiregnskap
Mer effektiv bruk av energi «Renere» produksjonsprosesser	Energiintensiteter
Reduserte utslipp	Utslipp til luft
Vridning fra forbruk av fossilt brensel til fornybare energi kilder	Energibalanse og -regnskap
Økonomisk vekst framkoblede miljøbelastningene	Utslippetsintensiteter Dekomponeringsanalyser
Produsere produkter som: - minsker miljøbelastningene - bedrer/reparerer miljøskader - kan resirkuleres	Miljørelaterte produkter og -tjenester (EGSS) Avfallsregnskapet
Virkemidler	Miljørelaterte skatter og - <i>subsidier</i> Klimakvoter
Andre offentlige og private utgifter	Miljøvernutgifter inkl. investeringer (EPEA) Offentliges utgifter til miljøvern (COFOG) og <i>ressursforvaltning</i>