

The Development of Environmental-Economic Accounts in Denmark

Thomas Olsen

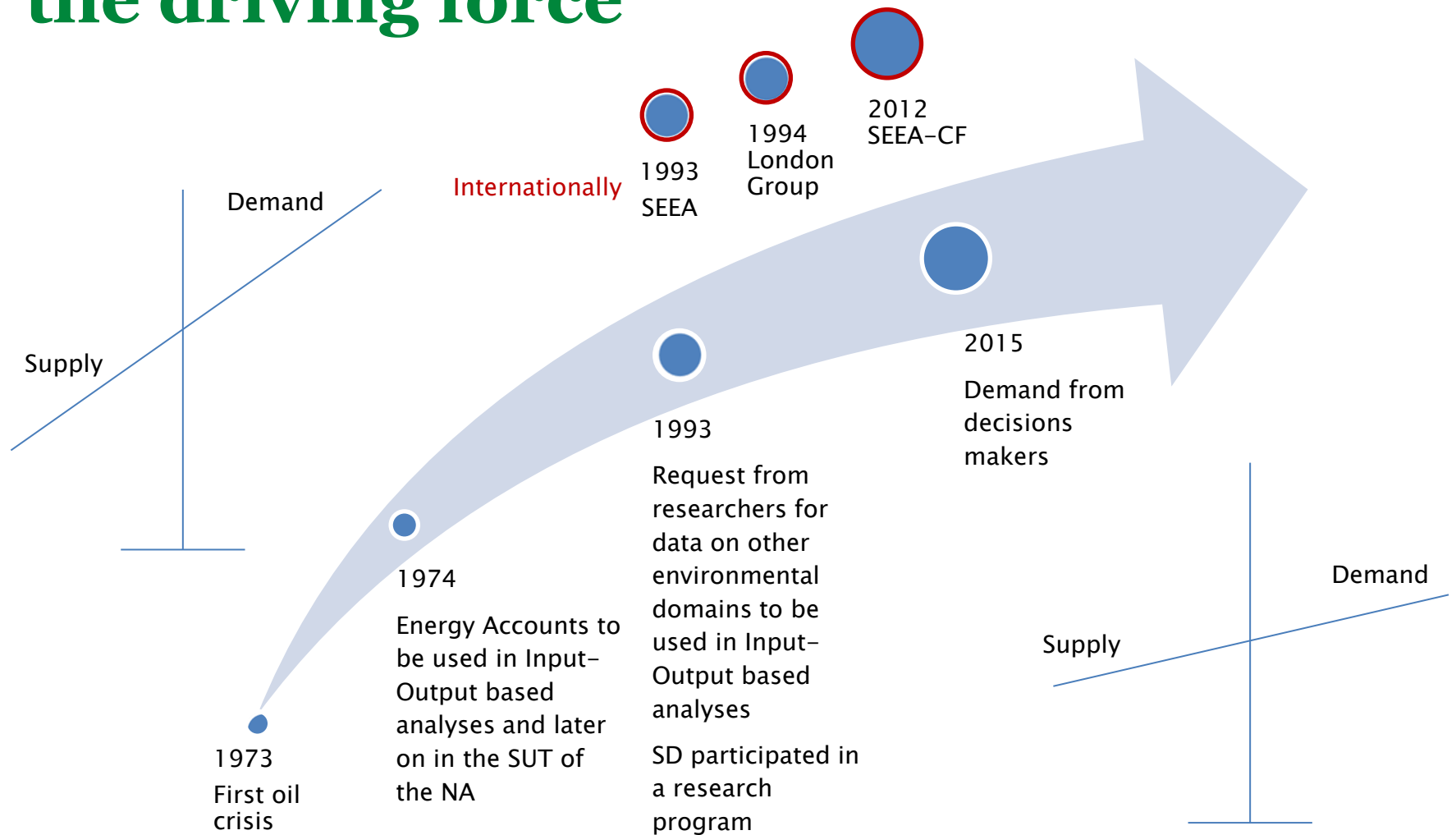
Senior Adviser, National Accounts division, Statistics Denmark

Joint UNECE/OECD Seminar on the Implementation of SEEA

14-15 October, Geneva



Statistics Denmark has been the driving force



'SEEA' implementation in Denmark

1974 Energy system related to the national accounts

Supply-use system for energy (1966-)
Input-output energy analyses

1993 Danish Environmental Research Program

1993 Work on environmental accounts begins in Statistics Denmark

1995 A welfare indicator for Denmark 1970-1990

1999 Current publication of environmental accounts begins

Energy and emissions to air
Input-output analysis

2001 Extension of current publication

Water
Quantities and value of energy reserves
Environmental taxes and subsidies

2008 Further extension

Material Flow Accounts

2010 Discontinuation due to budget cuts

2011 EU legislation - work starts again

2015 Project: Green National Accounts

Further extensions with new modules

2017 All relevant SEEA-CF modules will be available for Danish users, but funding ends in 2017

Other Accounts and Pilot projects

Environmental Protection Expenditures
Environmental Goods and Service Sector
Forests
Waste
IO-based decomposition
Regional environmental accounts
Waste water
Physical input-output tables
CO₂-permits
Up-to-date accounts

Environmental Accounts Section Within the National Accounts Division

- The Danish Environmental-Economic accounts are for the most part compiled within the National Accounts division
- Other modules are prepared in other divisions
 - Government Finances
 - Agricultural Statistics
 - Business Statistics
 - Close cooperation with the External Trade Statistics
- The Environmental Accounts section is the main driving force and coordinates the work



Production Systems are Reused Year After Year



- With some minor developments and improvements



Module Specific Production Systems



- Combination of mainly SAS and Excel
- Aim to reuse parts of systems – that's our ambition
- Aim to share metadata – we do that to a wide extent
- Use the same system for dissemination

Communication

- Communication strategy approved by management
 - Describes how and when to communicate with users
 - Newsletters
 - Events
- In addition, the regular dissemination
 - www.dst.dk/en
 - www.statbank.dk
 - Daily News and Statbank updated at 9 AM
 - Publications



STATISTICS DENMARK

CONTACT | PRESS | INFORMATION SERVICES | DANISH | Search for website | Search

Shortcuts

- Short term trends
- Scheduled releases
- News
- News: Statistical Yearbook

Latest releases

- Vehicle fleet (supplement) 1 January 2015 Stock of private cars**
20 March 2015
Figures in the Statbank
- Benefits in connection with child birth 2014**
20 March 2015
Figures in the Statbank
- Labour costs in the EU and USA 4 quarter 2014**
20 March 2015
Figures in the Statbank
- Sales of real property, quarterly 4 quarter 2014**
20 March 2015
Figures in the Statbank
- Quarterly public finance 4 quarter 2014**
20 March 2015
Figures in the Statbank
- Financial quarterly Sector accounts for general government 4 quarter 2014**
20 March 2015
Figures in the Statbank
- Participants by adult and supplementary education, folk high schools – short courses, 2013/2014**
20 March 2015
Figures in the Statbank

© Scheduled releases

STATISTICS DENMARK

Statbank Denmark | Population and statistics

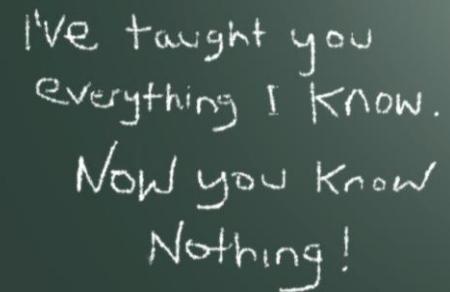
1.2015 Population 1. January by sex, age, ancestry, country of origin and citizenship

Statbank Denmark

Number of selected data cells for the table: 41 (table has 1000)

Currently No Dedicated Capacity Building Plan For Environmental Accounts

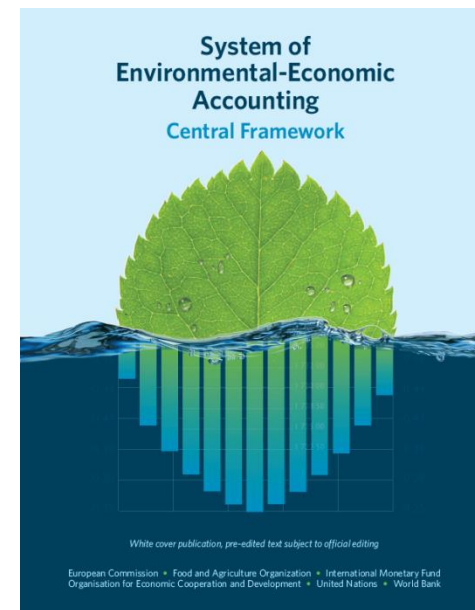
- Environmental accounts are part of an internal course on national accounts
- Staff has the possibility to take relevant courses as part of the European Statistics Training Program (ESTP)
- Staff has followed university courses on Environmental and Natural Resource Economics
- Less experienced staff participate together with more experienced staff in international consulting projects on capacity building



I've taught you
everything I know.
Now you know
Nothing!

International Organizations should...

- SEEA-CF meant a lot in relation to selling the framework to users
- Handbooks, guidelines, courses
- City groups. Create forums bringing subject matter experts together
- Market the environmental accounts
- Advocate towards politicians for the use of the framework
- Affect the design of new statistical frameworks, which are outside the system of official statistics, so that data can be reused in the official statistical system



Contact information

Thomas Olsen

Senior Adviser

National Accounts division

Statistics Denmark

tol@dst.dk

