

# WAVES Meeting 2-4 april

## Outline

- Dutch EA program
- Ecosystem accounting
- Expectations

# Dutch Environmental Accounting Program

- Early adaptors (1980s)
- Physical flow accounting (NAMEA 1990s)
- Program characteristics
  - Greatly expanded in recent years (about 10fte)
  - A lot of external funding (Eurostat; EU; ministries and branch organisations)
  - Situated in National accounts department
  - Little own data collection
  - International cooperation and training
- EU legal base for EA (july 2011)
  - Covers now 3 but will be expanded towards 6 accounts

# Publication Environmental accounts in the Netherlands 2010

- Physical flow accounts:
  - Energy; Water; Material flows; Waste; Air emissions; Water emissions
- Asset accounts:
  - Oil and gas reserves
- Environmental transactions / activities:
  - Environmental taxes; CO<sub>2</sub> emission permits; Environmental expenditure; The environmental goods and service sector;
  - Environmental subsidies (under development)
- Lot of analyses:
  - Valuation of wind energy resources
  - Effectiveness of subsidies (micro)
  - Carbon footprint
  - ..



# Ecosystem Accounting in Netherlands

- Policy makers: gradual increase of interest
  - EU Biodiversity strategy:
    - *“Member States assess the state of ecosystems and their services in their national territory by 2014*
    - *assess the economic value of such services, and promote the integration of these values into accounting and reporting systems at EU and national level by 2020”*
  - OECD green growth agenda (indicators)
    - Environmental quality of life related to ES
  - Ministry of ELI (economy, agriculture and innovation) aims to develop an indicator to capture ES as % of GDP
    - Commissioned our Agricultural Economics Research Agency (LEI) for feasibility study
    - Report ‘The social dimension of biodiversity policy’ (FEEM 2011)
- Wageningen University (WUR) is doing research on a provincial level
  - Ecospace EU grant (Lars Hein)

# Ecosystem accounting at Statistics Netherlands

- Statistics Netherlands is involved in SEEA revision
  - Members of the editorial board of SEEA Vol 1, 2 and 3
- We have done studies that could be interpreted as ecosystem accounting
  - Economy of the North Sea
  - Quality of water
- Currently no active program in ES, but follow developments
- In contact with policy makers and research institutes:
  - Inventarisation of activities
  - Potentially develop a joint program (policy makers, research institutes, NSI)
  - Follow international methodology

# Expectations from WAVES

- Share best practices:
  - Valuation
  - Design of country programmes