



Global Strategy  
IMPROVING AG-STATISTICS



# METHODOLOGICAL DEVELOPMENT FOR INTERNATIONALLY COMPARABLE ENVIRONMENTAL- ECONOMIC ACCOUNTS FOR AGRICULTURE



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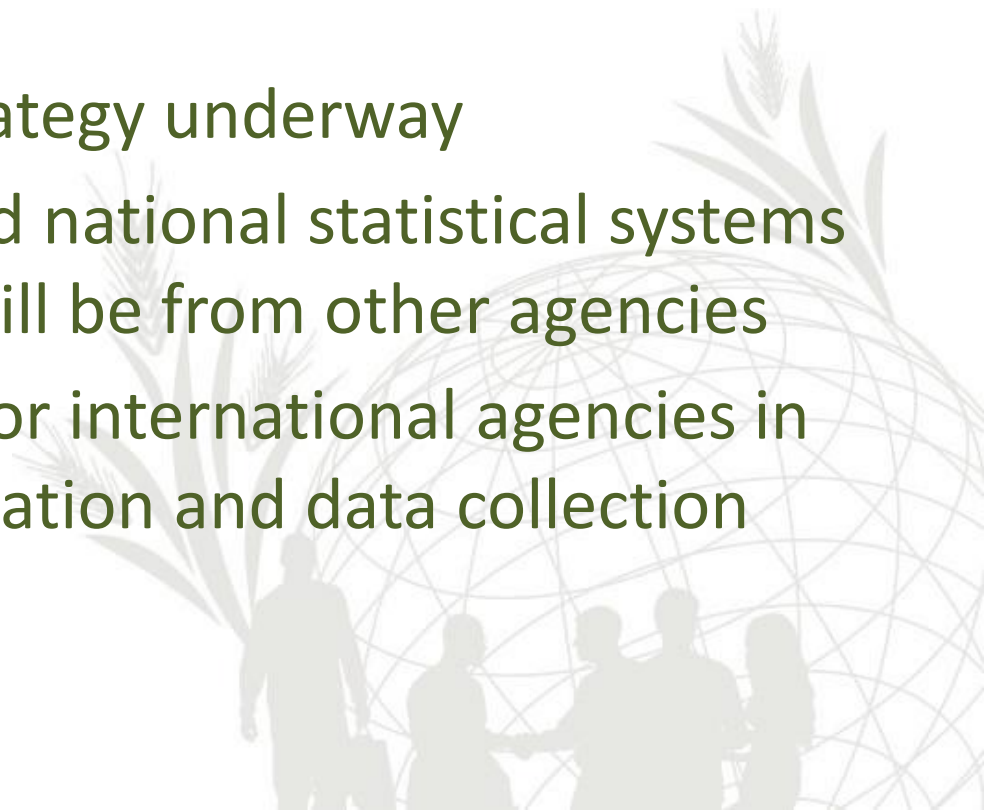


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# Context

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- **SEEA Central Framework**
  - Standard adopted by UN Statistical Commission in February 2012
  - Implementation strategy underway
  - Key role for NSO and national statistical systems noting many data will be from other agencies
  - Co-ordinating role for international agencies in terms of implementation and data collection





## Broader Context

- **Significant interest in SEEA from many sources**
  - SDGs and Post-2015 development agenda
  - World Bank, UNDP, UNEP (TEEB, NCD), CBD, EU, OECD, IMF
  - Note especially World Bank WAVES project
  - GLOBE (Global Leaders for a Better Environment)
  - Corporate initiatives
  - Activity by NGO – eg. WWF, Conservation International
  - National level interest
  - Very high interest from middle and low income countries in natural resource accounting aspects of SEEA

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## Potential of SEEA in FAO and for Countries

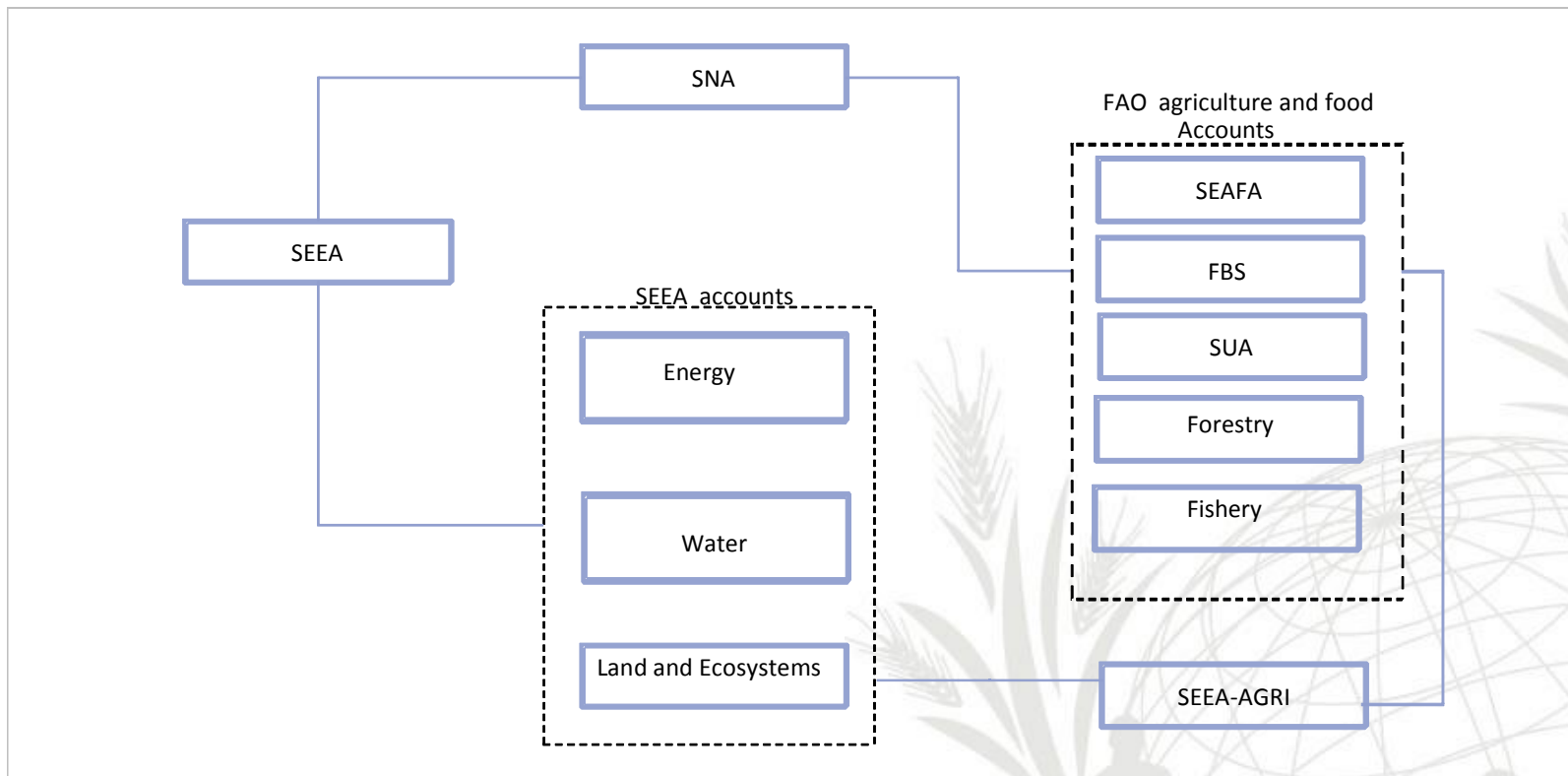
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- Organisation of data across datasets (common structure, classifications, etc)
- Highlight linkages between datasets
- Bring together information to consider limiting factors and risks to sustainable development
- Coherent basis for indicators across datasets
- Identification of data gaps
- Show countries practical examples of SEEA-AGRI using country data as source





# SEEA and other accounting frameworks





# Possible Analytical Directions

- **Product flow focus**
  - For selected product/s consider full supply and use flows (extraction, production, consumption, trade) with potential links to social dimensions of use
- **Production process focus**
  - For selected product, industry/sector, production process look at full suite of inputs including
    - energy, water, fertiliser, labour, produced assets, environmental assets (e.g. land, soil, stock timber, fish), residual flows (e.g. air emissions, waste)
- **Location focus**
  - Consider land cover and land use change and links to production information and population/social indicators at sub-national level

# Possible SEEA Accounts

- **Physical Supply and Use Tables (PSUT)**
  - Selected products (e.g. crops, livestock, forest, fish)
  - Water
  - Energy
  - Fertilisers (N, P, K)
  - Air emissions (GHG)
- **Asset accounts**
  - Timber resources, Forest and other wooded land
  - Aquatic resources
  - Water resources
- **Land accounts (incl. inland water and marine)**
  - Land use and land cover accounts (and change matrices)





# Proposed Approach

- Agree on general analytical directions
- Determine relevant SEEA accounts and appropriate level of detail
- Select a pilot country(s)
- Populate as far as possible selected accounts using available FAO data
- Note issues, data gaps, some data confrontation
- Review and discuss findings
- As appropriate expand to other countries
- Consider possible resolution of data issues





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**Thank you**  
**Robert Mayo, Statistics Division, FAO**

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