System of Environmental-Economic Accounting for Agriculture (SEEA-AGRI)

FAO

London Group meeting

12-15 November, 2013

Background and context

Links within the broader **SEEA implementation** work program

FAO – Strategic Objective 2

" Increase and improve the provision of goods and services from Agriculture, Forestry and Fisheries in a **sustainable manner**."

Providing countries with a way of measuring the **interactions between Agriculture and the Environme**nt

Global Strategy on Improving Agricultural Statistics

SEEA-Agri aims to link policy issues to data needs

• Enhancing the **use of existing agricultural statistics and related common frameworks**

• Providing a **consistent, comprehensive, and coordinating framework to link data collected**

• Providing a **sound basis for the measurement of a set of economic, social, and environmental indicator**

• Providing a framework to **expand the analytical capabilities of the original FAO SEAFA** (Economic Accounts for Agriculture)

• Providing a framework that **links to other SEEA subsystems** being articulated by other agencies.

Coverage

- **Broad definition of agriculture**: crops, livestock, forestry and fisheries with primary and intensive use of environmental goods and services

- Different to the SEEA-CF focus, **SEEA-AGRI focus on a group of activities**

- Linking production with
  - Full range of inputs: economic and environmental
  - Use and demand drivers (e.g. nutrition)

SNA, SEEA-CF, SEEA-AGRI and FAO datasets
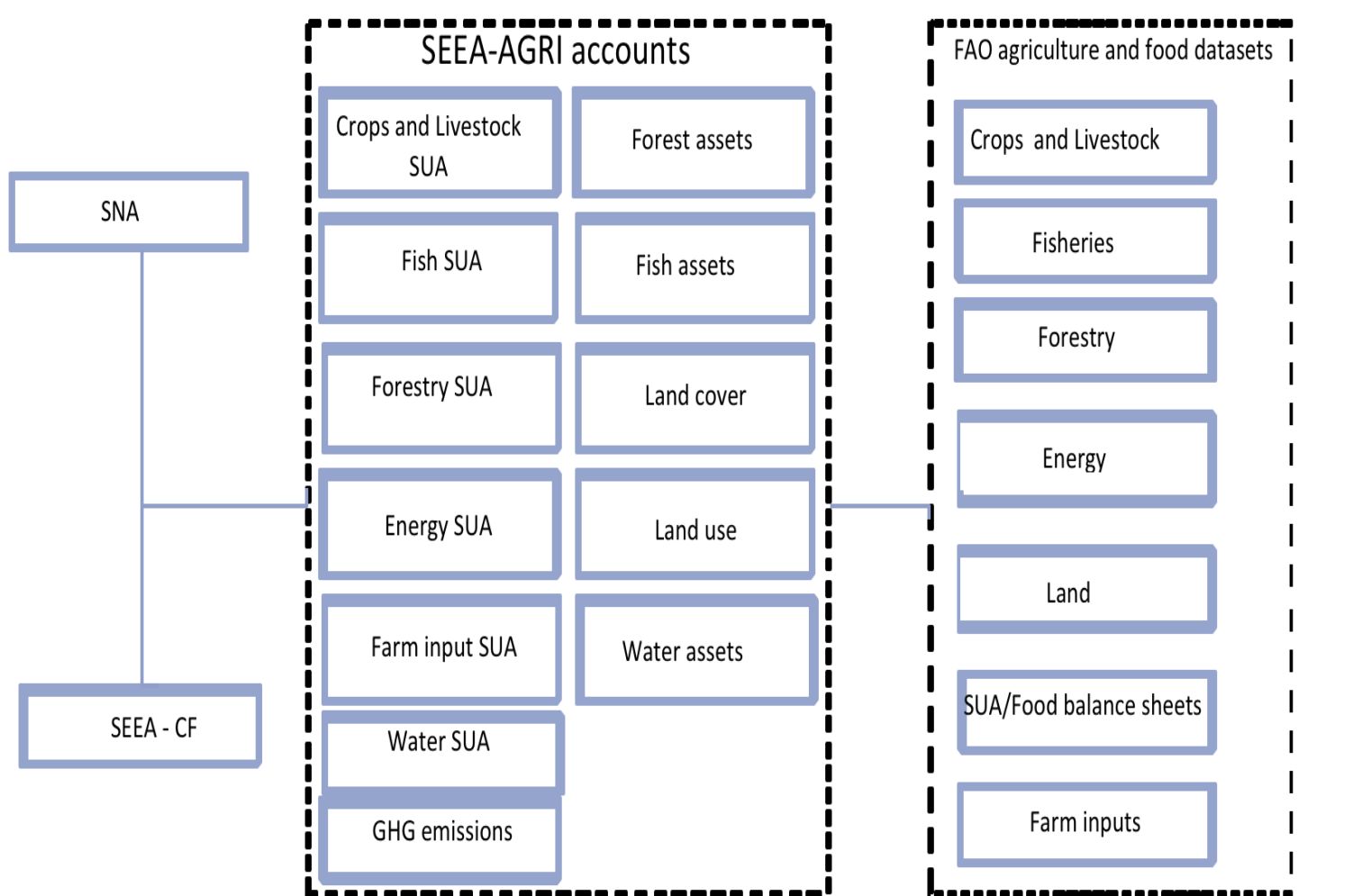
Combined presentations and analytical possibilities

SEEA-Agri provides a combined presentation of information.

For example: analyse relationship between the production of wheat and

- Inputs of water, fertilizer, pesticides, energy, etc;
- Labour inputs;
- Changes in land area and soil quality;
- Generation of residuals – emissions, crop residues;
- Use of assets – sowing and harvesting equipment;
- Cost of production, value added and incomes

Progress to date

- Initial design of PSUT, asset accounts, land accounts and logic of combined presentations

- Discussions on indicators and analysis

- Commence proof of concept using FAO data
    - Investigations of data availability within FAO datasets
    - Discussions on development of database

Next steps

- Complete proof of concept project within FAO

- Detailed review for data robustness, consistency with concepts, data gaps, etc

- Developing analysis and indicators from the tables

- Expert Group meeting

- Seeking countries to also undertake "proof of concept"

- Work with SEEA implementation, WAVES, Global Ag Strategy, UNCEEA, London Group

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