



System of
Environmental
Economic
Accounting

Supporting Indonesia and Malaysia in developing and strengthening environmental-economic accounting for improved monitoring of sustainable development

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Content

- Advancing environmental-economic accounting for sustainable development and national policy
- Project overview

ADVANCING ENVIRONMENTAL- ECONOMIC ACCOUNTING FOR SUSTAINABLE DEVELOPMENT AND NATIONAL POLICY

International statistical standard

- The **SEEA Central Framework** was adopted as an international statistical standard by the UN Statistical Commission in 2012
- The **SEEA Experimental Ecosystem Accounting** complements the Central Framework and represents international efforts toward coherent ecosystem accounting



The SNA and SEEA: Systems of integrated information

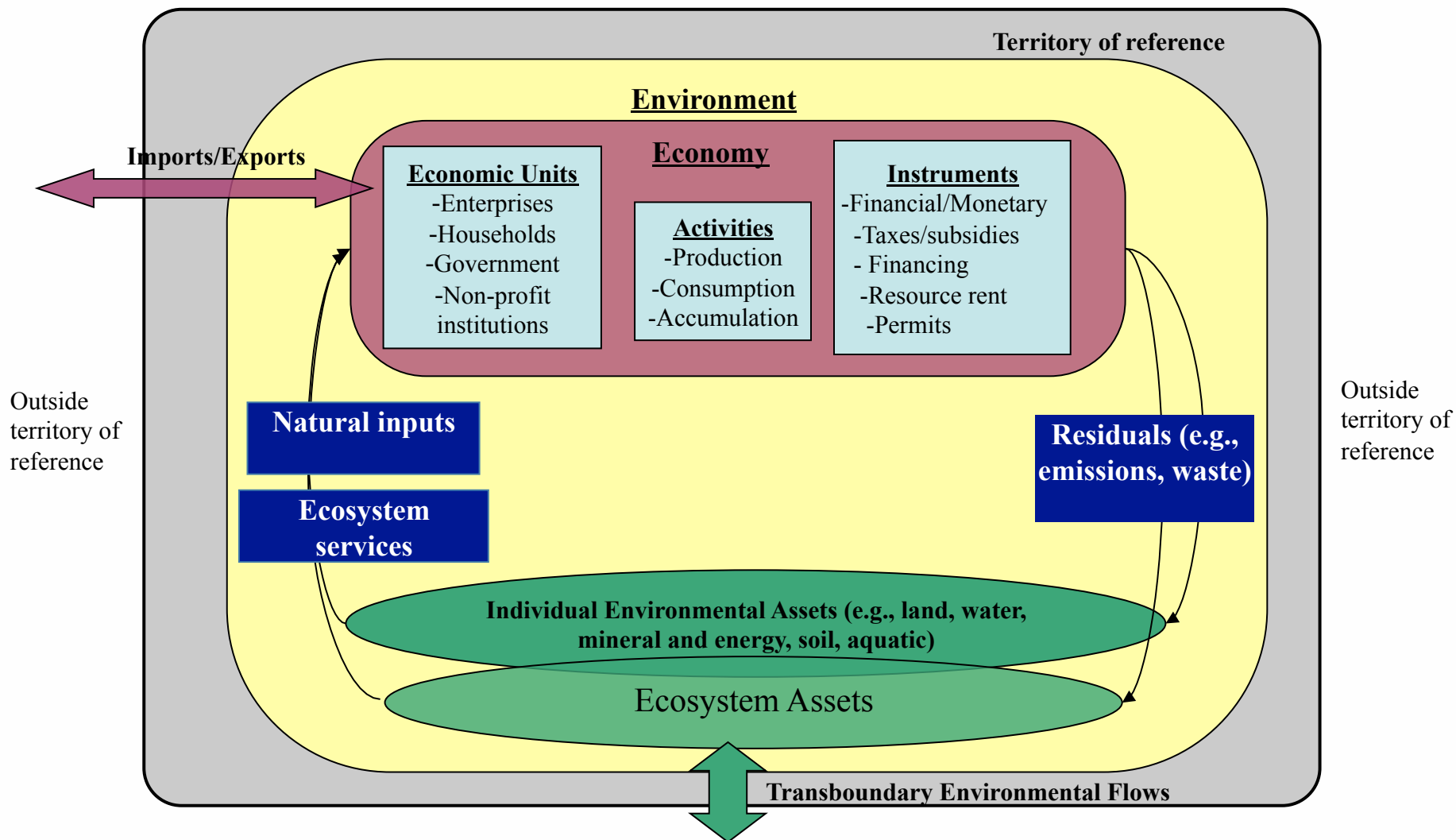


What is the SEEA?

SEEA is the international statistical standard for measuring the relationship between the environment and the economy.

- Two perspectives: individual environmental assets (Central Framework) and ecosystems (Experimental Ecosystem Accounting)
- Stocks and flows
- Coherent and internally consistent
- Integrated/Linked to SNA
- Comprehensive
- Time series measuring same concept over time
- Apply to both physical and monetary based data

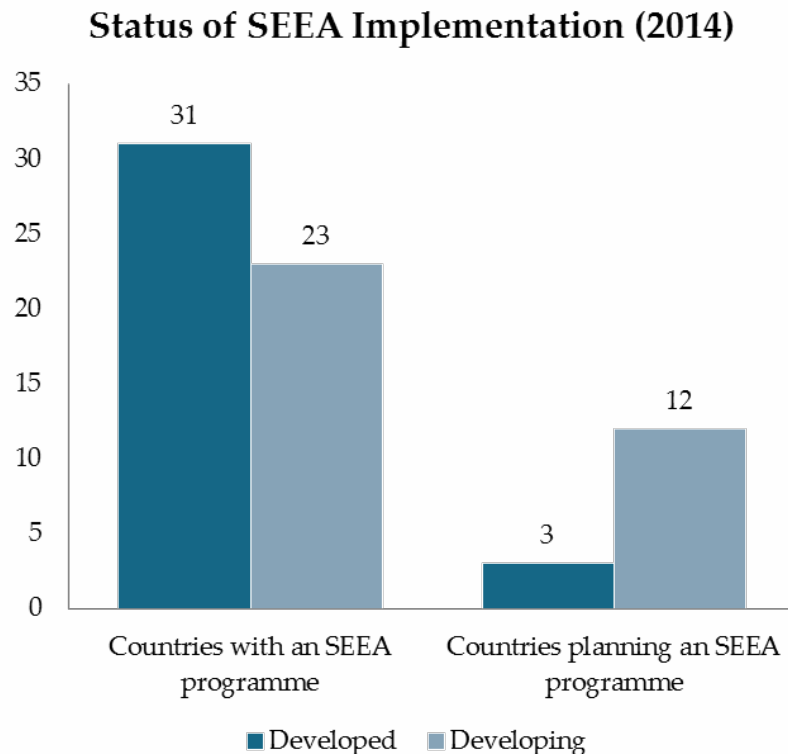
SEEA Conceptual Framework



3. Implementation of the SEEA

- **Implementation strategy (2013) objectives:**
 - > Adopt the SEEA as the measurement framework for sustainable development
 - > Mainstream SEEA implementation in countries
 - **Target 100 countries by 2020** for adoption of SEEA Central Framework
 - **Target 50 countries by 2020** for adoption of SEEA Experimental Ecosystem Accounting
 - > Establish technical capacity for regular reporting
 - Training materials
 - Guidance documents
 - Knowledge platform

Status of SEEA implementation



- Global Assessment on Environmental Economic Accounting 2017
 - > 84 countries responded
 - > **54 countries have an SEEA program**
- **Accounts most commonly compiled;**
 - > Air Emissions, Material Flows, Energy (*due to Eurostat legislation*)
- **Priorities accounts going forward;**
 - > Developed Countries: Energy, EPEA and EGSS
 - > Developing Countries: Energy, Water and Environmental Taxes and Subsidies

Sustainable Development Goals and SEEA



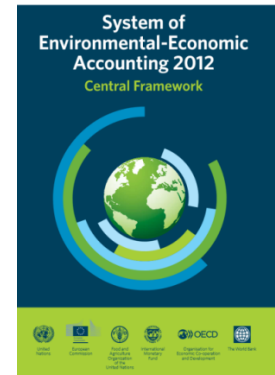
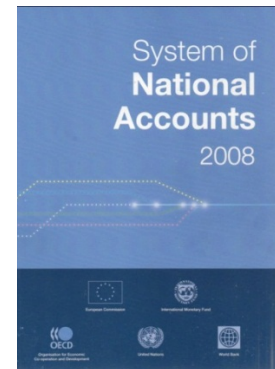
The SEEA is an important statistical framework for **monitoring the SDGs** in an integrated way

Indicators based on standards

Indicators based on Standards

- Higher quality
- International comparability
- Comprehensive basis for (dis)aggregation
- **Standards for Statistics**
 - Aligned Definitions and Classifications
- Improved capacity to compare and/or combine statistics from different sectors
- Basis for coherent and comprehensive data sets

Frameworks to coherently integrate information:



PROJECT OVERVIEW

Project overview

- Supporting countries in strengthening the **institutional** and **technical** capacity for the development of an integrated system in support of sustainable development
- Work with 4 countries:
 - > Malaysia
 - > Indonesia
 - > Uganda
 - > Kenya
- Duration: Until end of 2017

Project activities and outputs

Activities

- Training workshop (Malaysia, 2016)
- Support national and international consultants to develop the assessment and national plan and development of accounts
- **Regional workshop to showcase results**
- **National workshops to present National Plans and support inter-institutional cooperation**

Outputs

- Completed national assessment
- Agreed national plan
- Compilation of at least one selected SEEA module on a pilot basis

Project activities and outputs

Malaysia

- National Plan for advancing SEEA
- Physical supply and use tables (PSUT) for energy and water accounts
- Other accounts have also been compiled (e.g. energy, air emissions)
- Work on linking with economic data

Indonesia

- Building on National Plan for SEEA in Indonesia, 2015
- Physical and monetary SUT for energy
- Air emission accounts
- Material flow accounts
- Work on linking with economic data

Share experience with other countries through regional workshops and establish community of practice

Project sustainability

- Production and application of environmental-economic accounts and indicators
- Formalizing the inter-agency platforms among stakeholders for data sharing and production of results
- Continued international support
- Mainstreaming the SEEA in the regular production process of the statistical system
- Use of accounts in evidence based decision making

Areas of work of the UNCEEA

- Area A Coordination (Statistics Canada)
- Area B Advancement of methodological work
 - Area B1 SEEA Central Framework (Statistics Netherlands)
 - Area B2 SEEA Experimental Ecosystem Accounting (Eurostat)
- Area C Development of global databases (OECD)
- Area D Capacity building (Statistics South Africa)
- Area E Statistical response to emerging issues
 - Communication (Australian Bureau of Statistics)
 - SDGs (INEGI, Mexico)



THANK YOU

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