

System of Environmental Economic Accounting



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Environmental
Economic
Accounting

SEEA AND SDGs

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Joint OECD/UNECE Seminar on Implementation of SEEA
3 October 2016



United Nations

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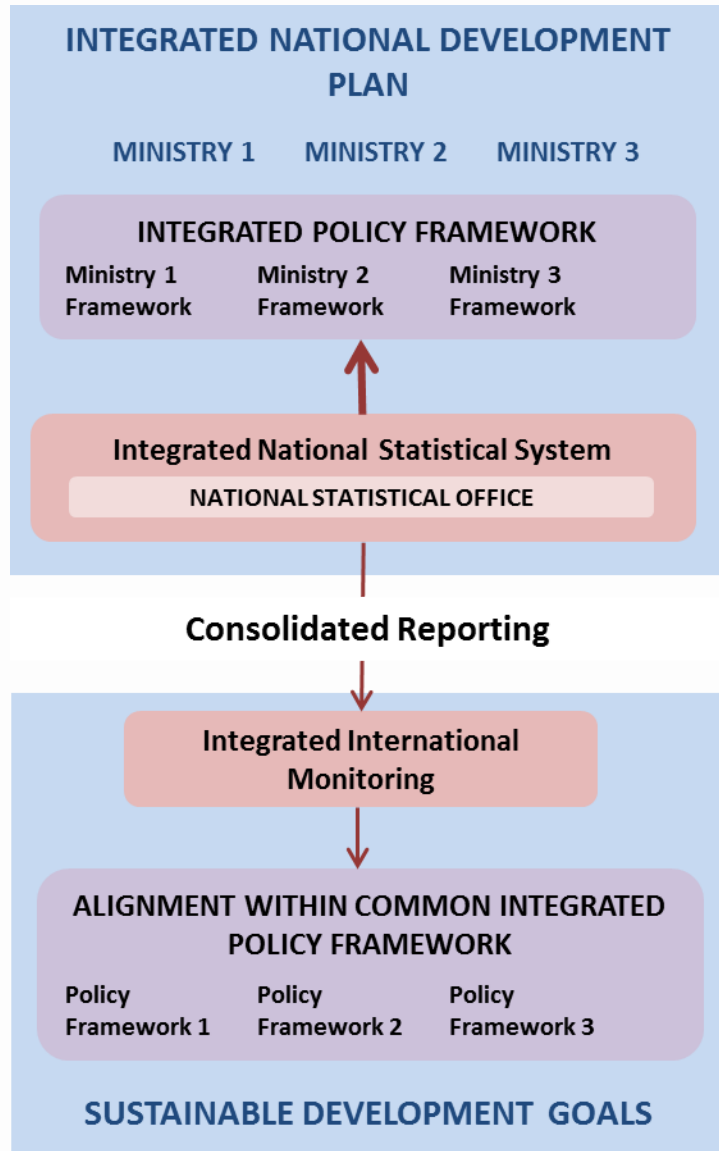
AN INTEGRATED APPROACH TO MEASURING THE SDGS

SDG Indicators and the SEEA

- The Statistical Commission “recognized SEEA as an important statistical framework for the post-2015 development agenda and the sustainable development goals indicators” in 2014.
- The SNA and SEEA are statistical standards that can be used to monitor a number of environmental-economic **SDG Indicators in an integrated way.**



Towards integration:



Integrated Policy: The SDGs represent important moves towards an integrated policy agenda

Statistics will require integration of:

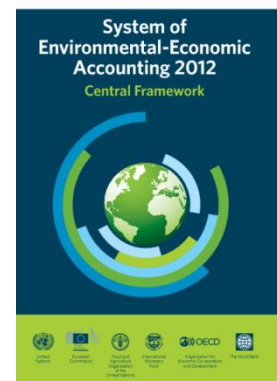
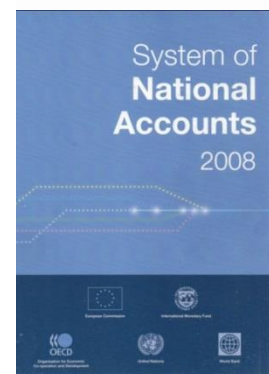
- **National Statistical Systems** for an integrated information system to inform sustainable development based on a consistent conceptual framework
- **Global Reporting Mechanisms** to reduce overlap and streamline international reporting initiatives based on a consistent conceptual framework

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:

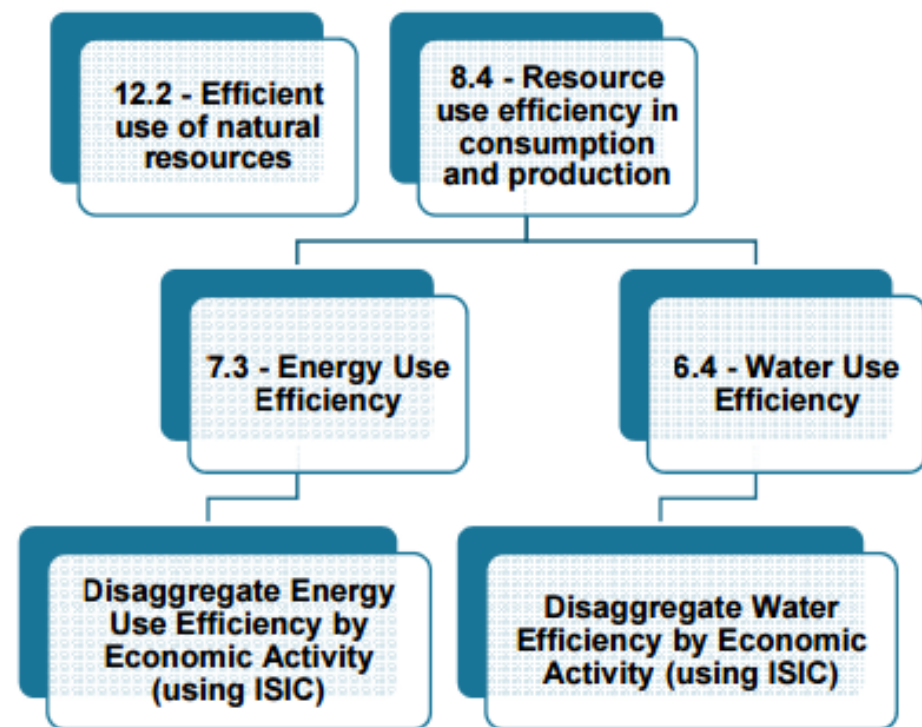


Integrated architecture for SDGs

Integrated monitoring for the SDGs requires methodological consistency.

The SEEA can be the basis for:

1. The development of coherent environmental-economic SDG indicators
2. The disaggregation of SDG indicators to inform national policy (spatial, sectoral, etc.)



A common conceptual approach across goals

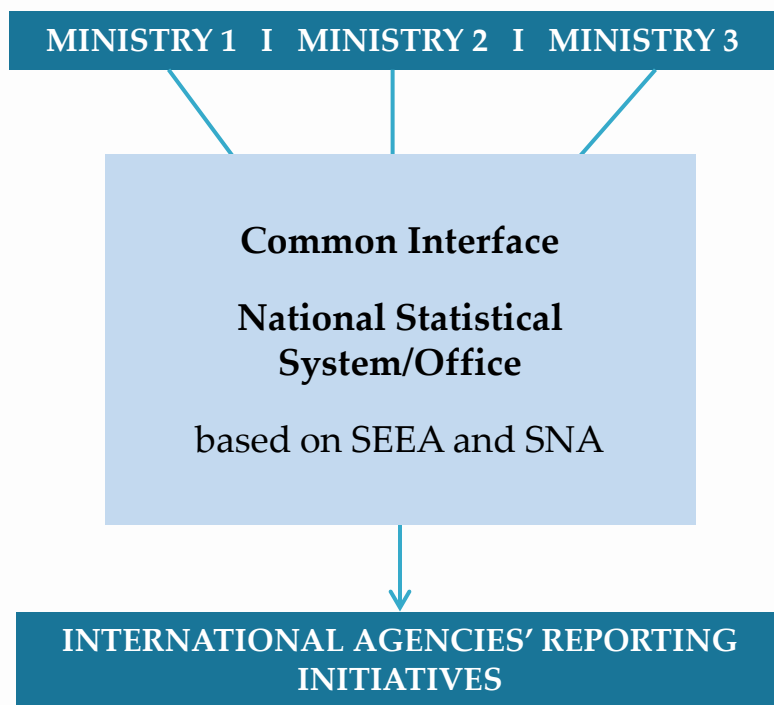
	Material Flows & Solid Waste	Energy & Carbon Emissions	Water & Wastewater	Agriculture, Forestry & Fishery	Ecosystems	Land Use & Management
Efficiency/ Productivity in the use of Natural Resources	<ol style="list-style-type: none"> 1. How do we define efficiency? How do we define productivity? 2. How do we measure efficiency/productivity in the use of natural resources? 3. How do we disaggregate and compare across sectors? 4. How do we juxtapose environmental and economic information to derive these indicators? 					
Waste Minimization and Treatment	<ol style="list-style-type: none"> 5. When is something considered waste? How is this defined? 6. How do we define reuse and recycling? How do we define 'regular collection', 'safe treatment' and 'good waste management'? 7. How do we disaggregate and compare this across sectors? 					
Sustainability and Management of Resources	<ol style="list-style-type: none"> 8. How do we define and compare economic uses of natural resources to their availability? 9. How do we classify and monitor management of those resources? 10. How do we use tools such as GIS and land accounting to inform this? 					
Monetary Indicators	<ol style="list-style-type: none"> 11. How do we measure and classify expenditure, taxes and subsidies on the management for different environmental issues? 					

→ The answers to these questions should be consistent across indicators.

Aligning indicators to the SEEA and SNA helps build this consistency

Streamlined reporting

Methodological Consistency resulting from implementation of the SEEA reduces reporting burden of national ministries/agencies:



- Single Data System to Inform Indicators
- Data Compiled Once for Many Purposes
- Reduced need for countries to make arduous data adjustments for international reporting

Facilitates streamlined reporting process for global SDG Indicators

- Consistent definitions, classifications and spatial units at national and international level allows for **direct transmission of information**

Promoting the SEEA in the SDG framework

- The UNCEEA submitted a number of materials to the IAEG in 2015-2016, illustrating how the SEEA is an important statistical framework in support of the SDGs.
 - Find documents here: <http://unstats.un.org/unsd/envaccounting/ceea/>
- At its meeting in June 2016, the United Nations Committee of Experts on Environmental Accounting (UNCEEA) *'reiterated that it is important to connect the SEEA with the SDG indicator framework and to demonstrate that SEEA compliant data and metadata are applicable for a number of the SDG indicators.'*
- A small subgroup of the UNCEEA will develop a strategy to further promote the SEEA in the SDGs as well work related to climate change statistics.



THANK YOU

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