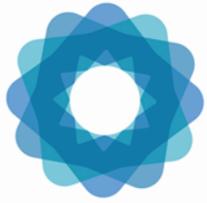


# System of Environmental Economic Accounting



System of  
Environmental  
Economic  
Accounting

# SEEA AND SDGs

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Joint OECD/UNECE Seminar on Implementation of SEEA

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United Nations

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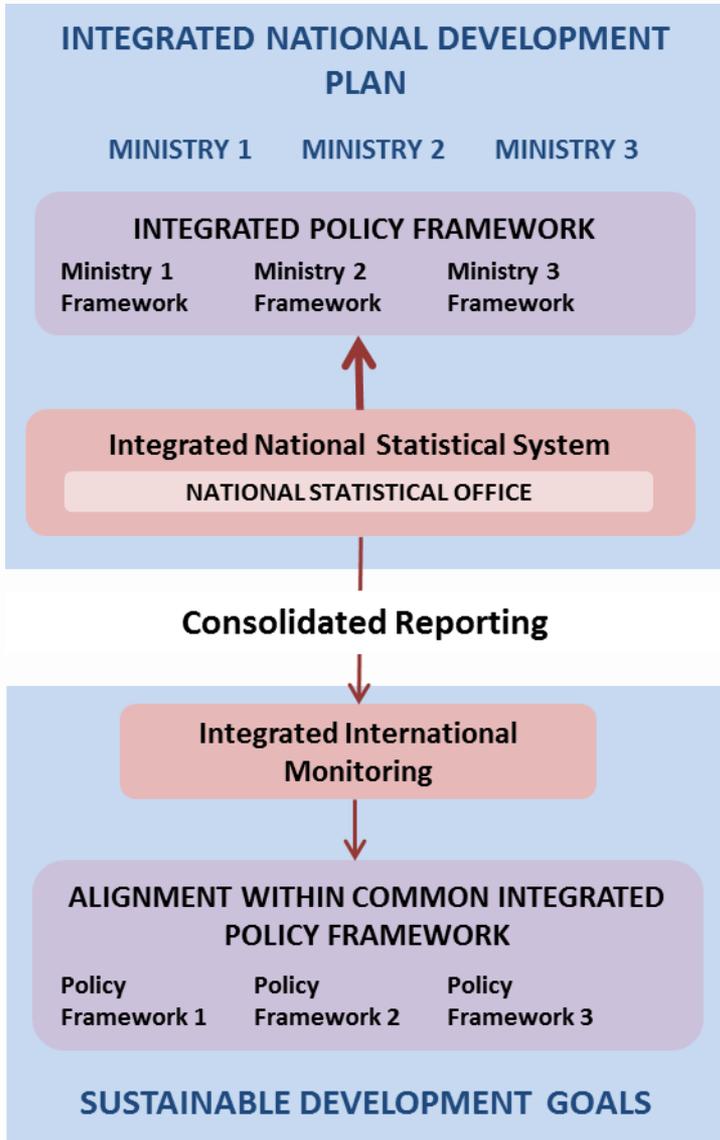
# AN INTEGRATED APPROACH TO MEASURING THE SDGS

# 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:

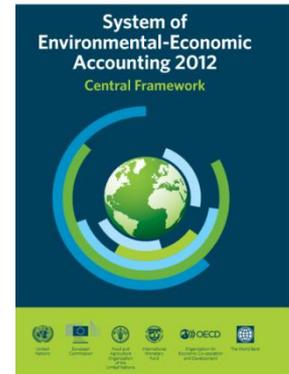
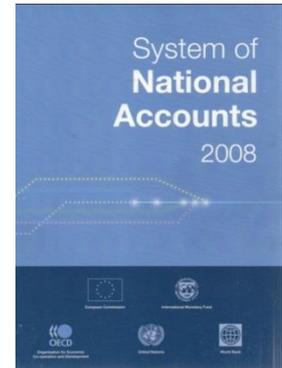
- **National Statistical Systems** for an integrated information system to inform sustainable development based on a consistent conceptual framework
- **Global Reporting Mechanisms** to reduce overlap and streamline international reporting initiatives based on a consistent conceptual framework

# 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:

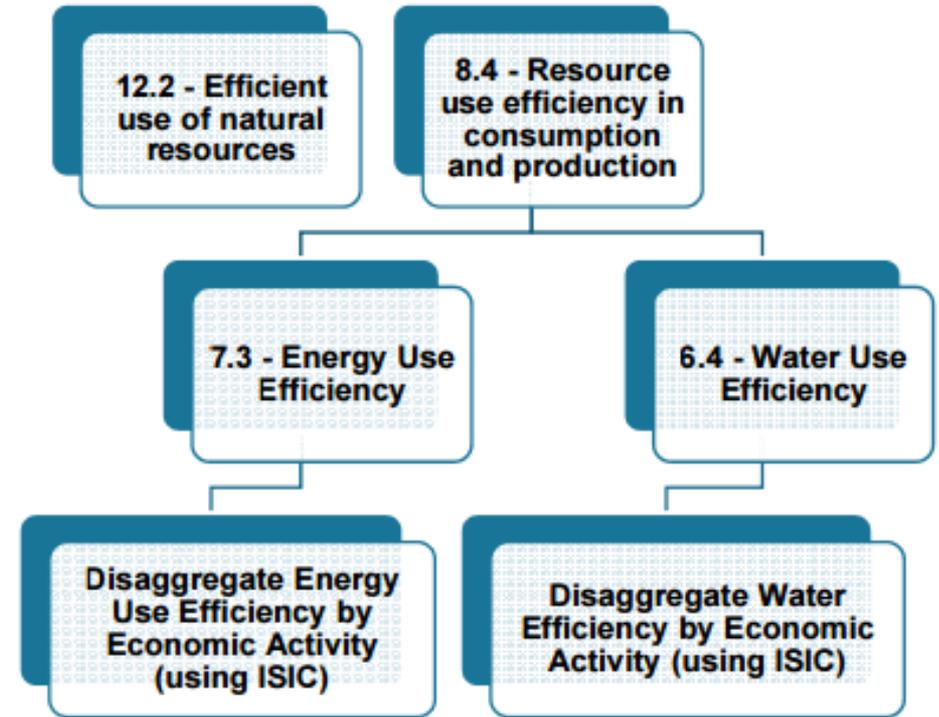


# Integrated architecture for SDGs

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

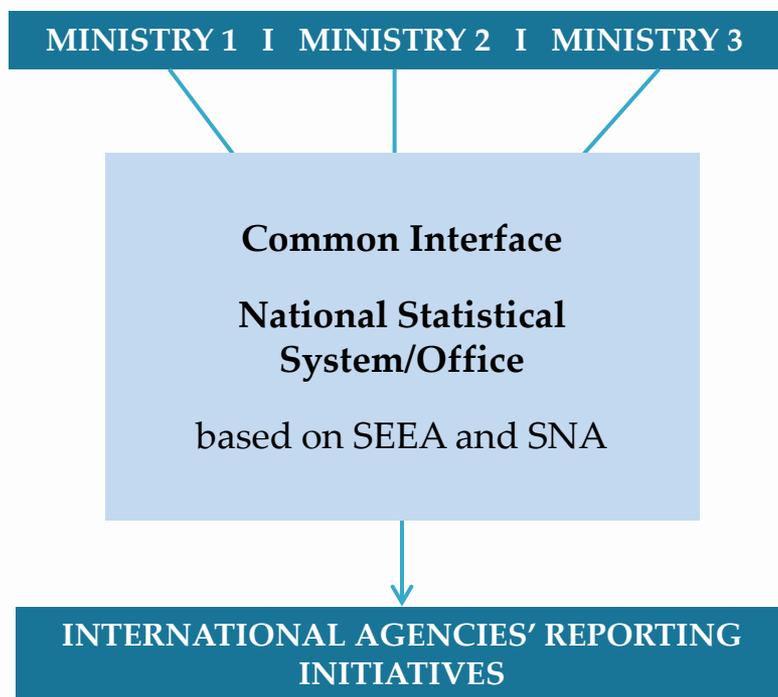
	Material Flows & Solid Waste	Energy & Carbon Emissions	Water & Wastewater	Agriculture, Forestry & Fishery	Ecosystems	Land Use & Management
Efficiency/ Productivity in the use of Natural Resources	<ol style="list-style-type: none"> <li>1. How do we define efficiency? How do we define productivity?</li>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

→ *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:



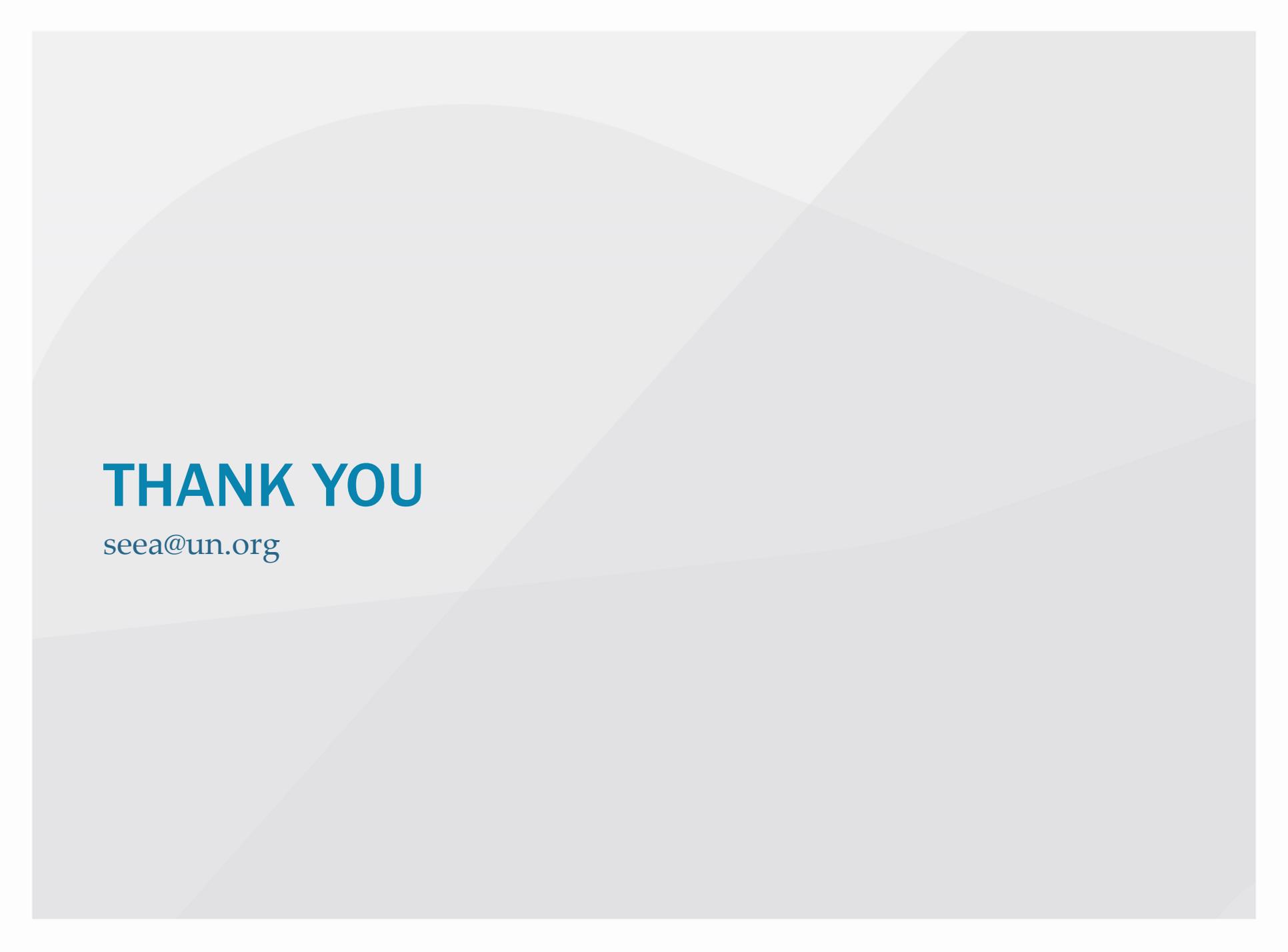
- Single Data System to Inform Indicators
- Data Compiled Once for Many Purposes
- Reduced need for countries to make arduous data adjustments for international reporting

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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