

The System of Environmental-Economic Accounting (SEEA)

Regional Workshop on Compiling Tourism Statistics in Asia and the Pacific

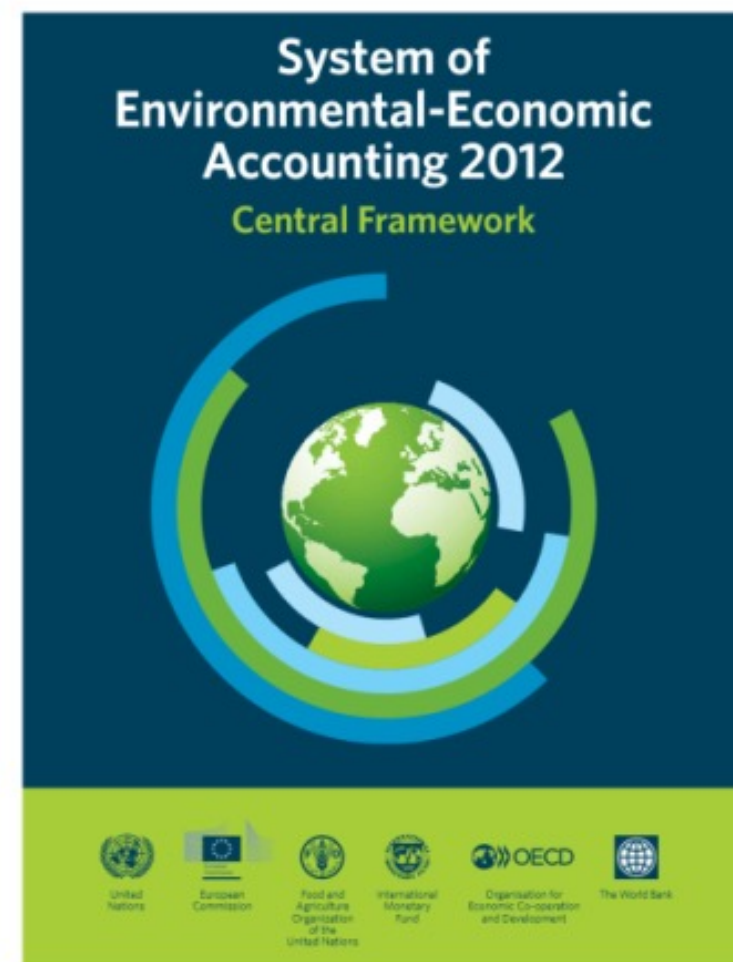
6 – 10 May 2024

Teerapong Praphotjanaporn

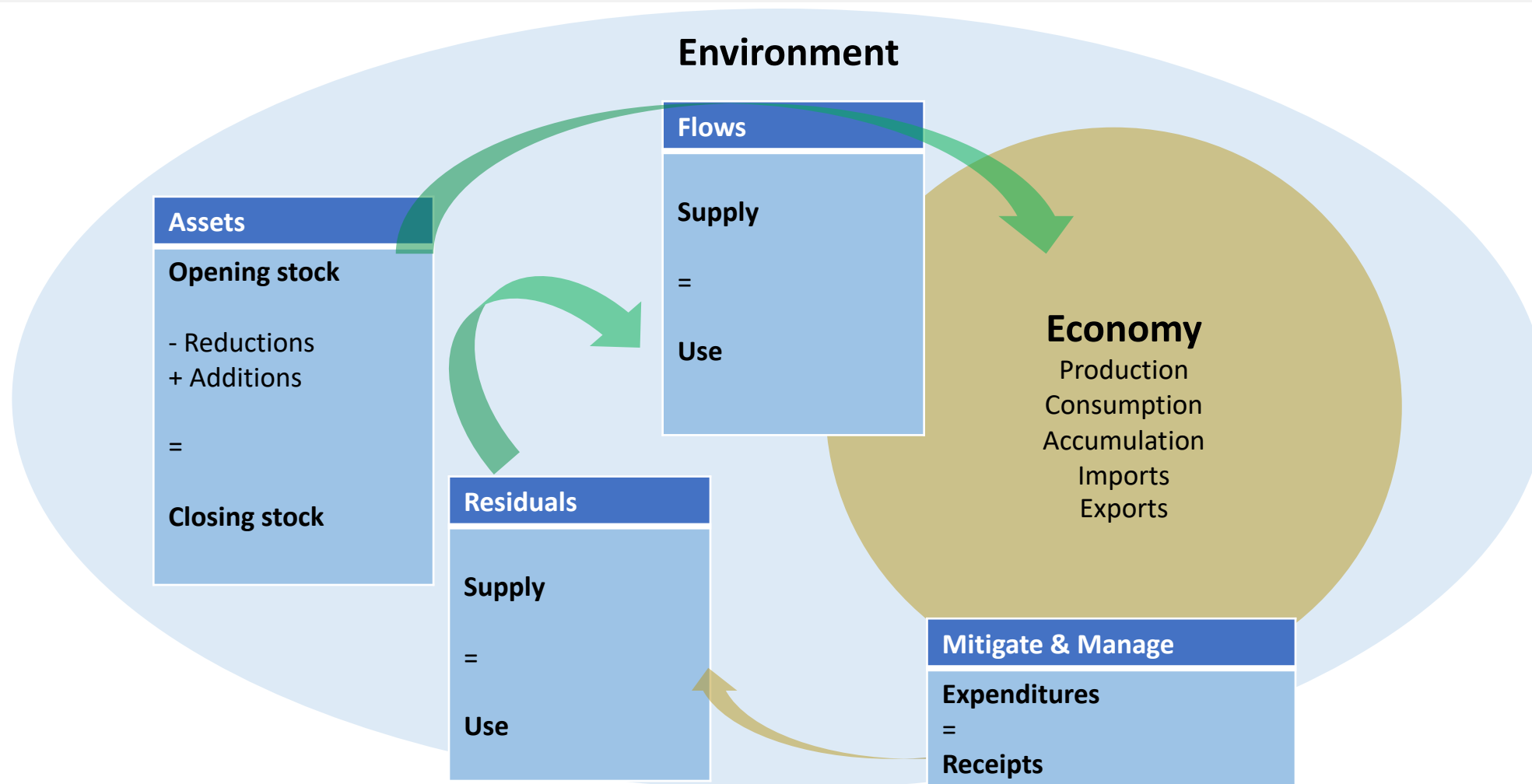
Statistician, ESCAP Statistics Division

What is the SEEA?

- An internationally consistent approach to environment-economic statistics
- A statistical standard that integrates environmental and economic data
- An understanding of the interactions between the environment and the economy, including the measurement of
 - **Country's environmental assets**
 - **The contribution of natural resources to the economy**
 - **The impacts of economic activity on the environment, and how we mitigate them**



SEEA: stocks and flows



One environment, two perspectives

Individual environmental assets & resources:

**Timber
Water
Soil
Fish**



Ecosystems: Biotic and abiotic elements functioning together:



**Forests
Lakes
Cropland
Wetlands**



SEEA Central Framework starts with economy and brings in information on natural assets, flows and residuals

SEEA Ecosystem Accounting starts with ecosystems and links their services to economic and other human activity



Together, they provide the foundation for measuring the relationship between the environment, and economic and other human activity

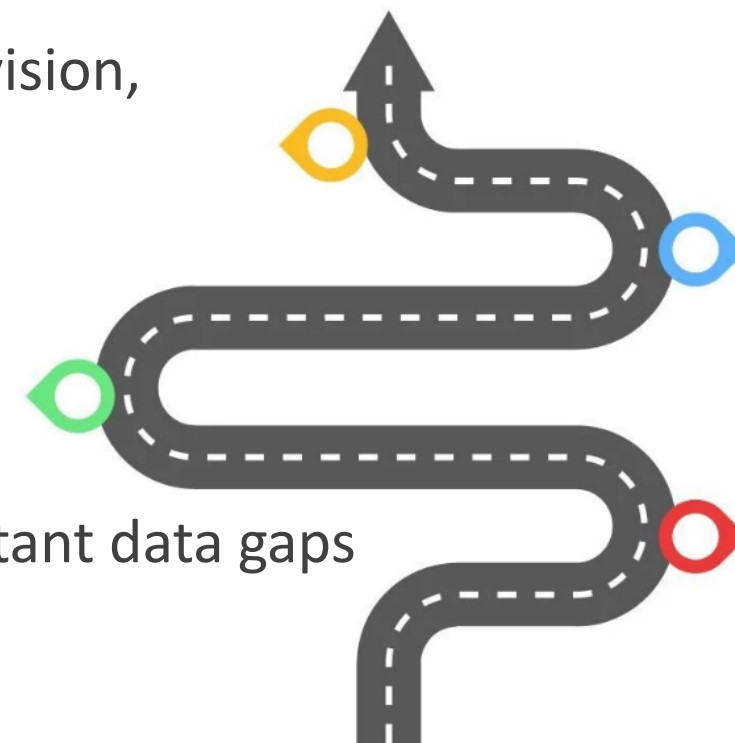
The world of SEEA

SEEA-CF (Central Framework)

- Assets
- Physical flows
- Monetary flows
- Minerals & Energy, Land, Soil, Timber, Aquatic, Other Biological, Water
- Energy, Water, Materials (Emissions, Effluents, Wastes, etc.)
- Protection expenditures, taxes & subsidies

Where to start?

- **Addressing data needs for policy**
 - SEEA is flexible and modular
 - Derived statistics and indicators to inform the country's vision, strategies and concerns
 - Key question: is this what users want?
- **Accounts do not need to be complete to be useful**
 - Begin with available data
 - National Statistical System working together to fill important data gaps
 - Regular production is key!



THANK YOU



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