

System of
Environmental
Economic
Accounting

SEEA and Post-2020 GBF Monitoring Framework

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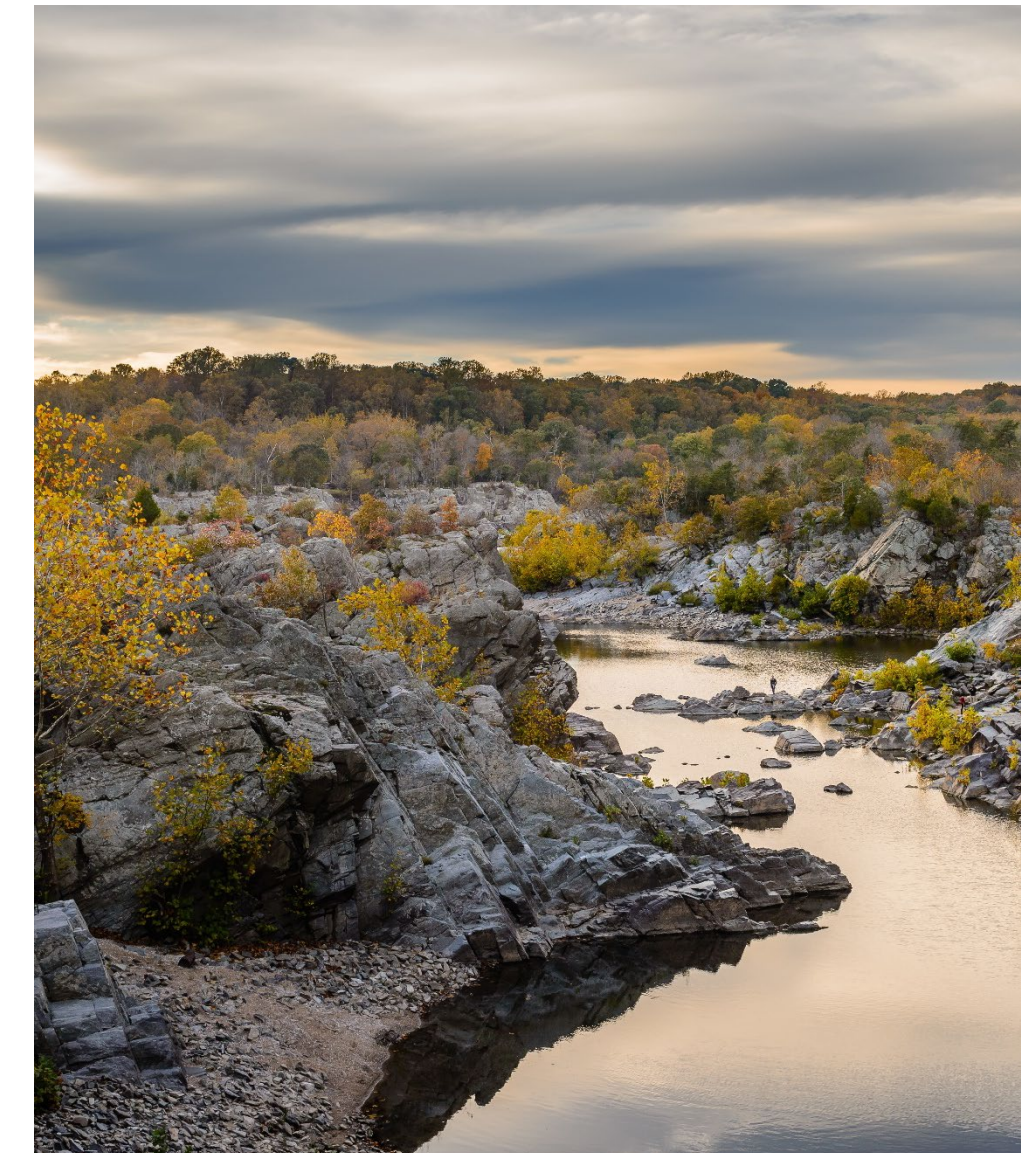
9 December 2022



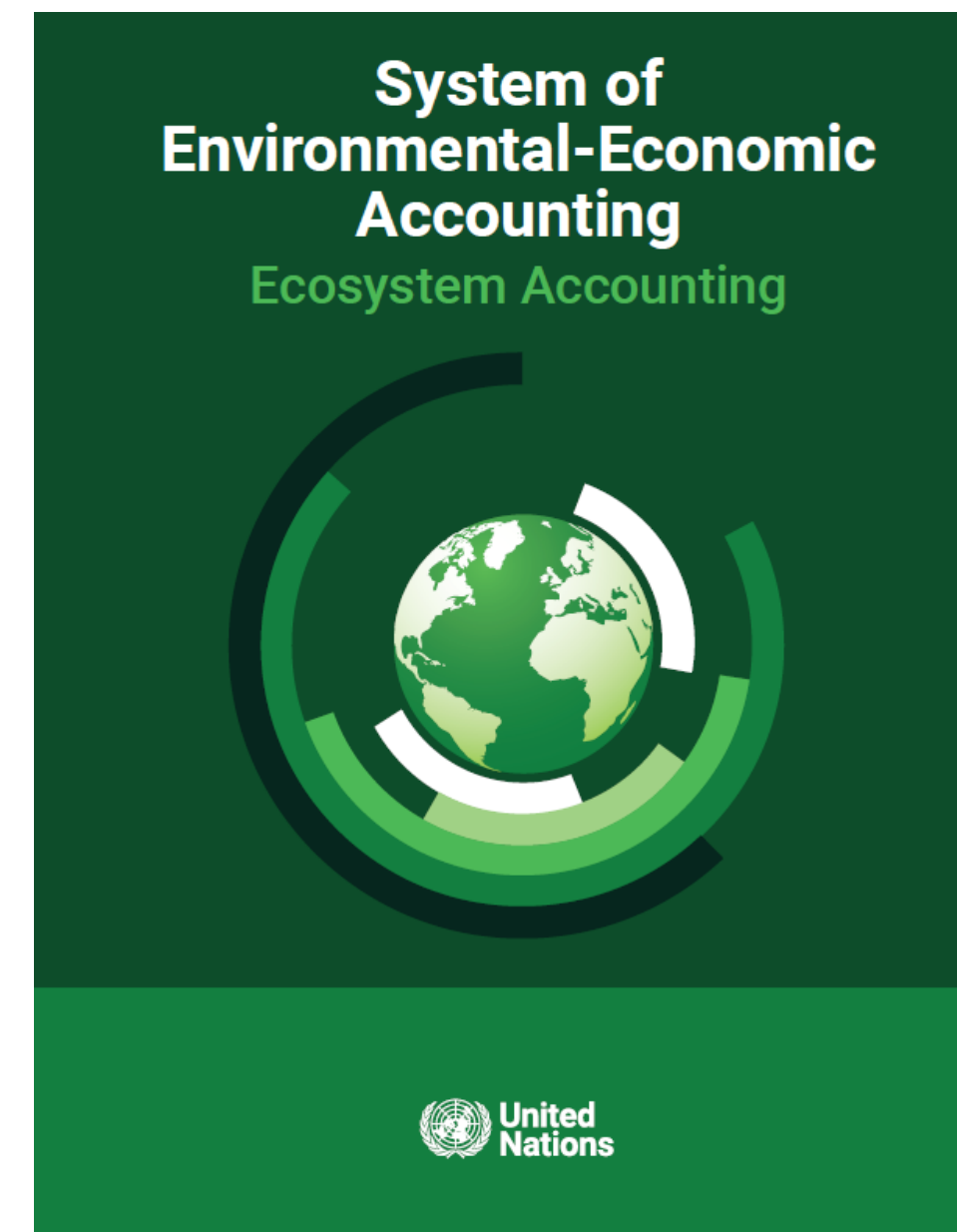
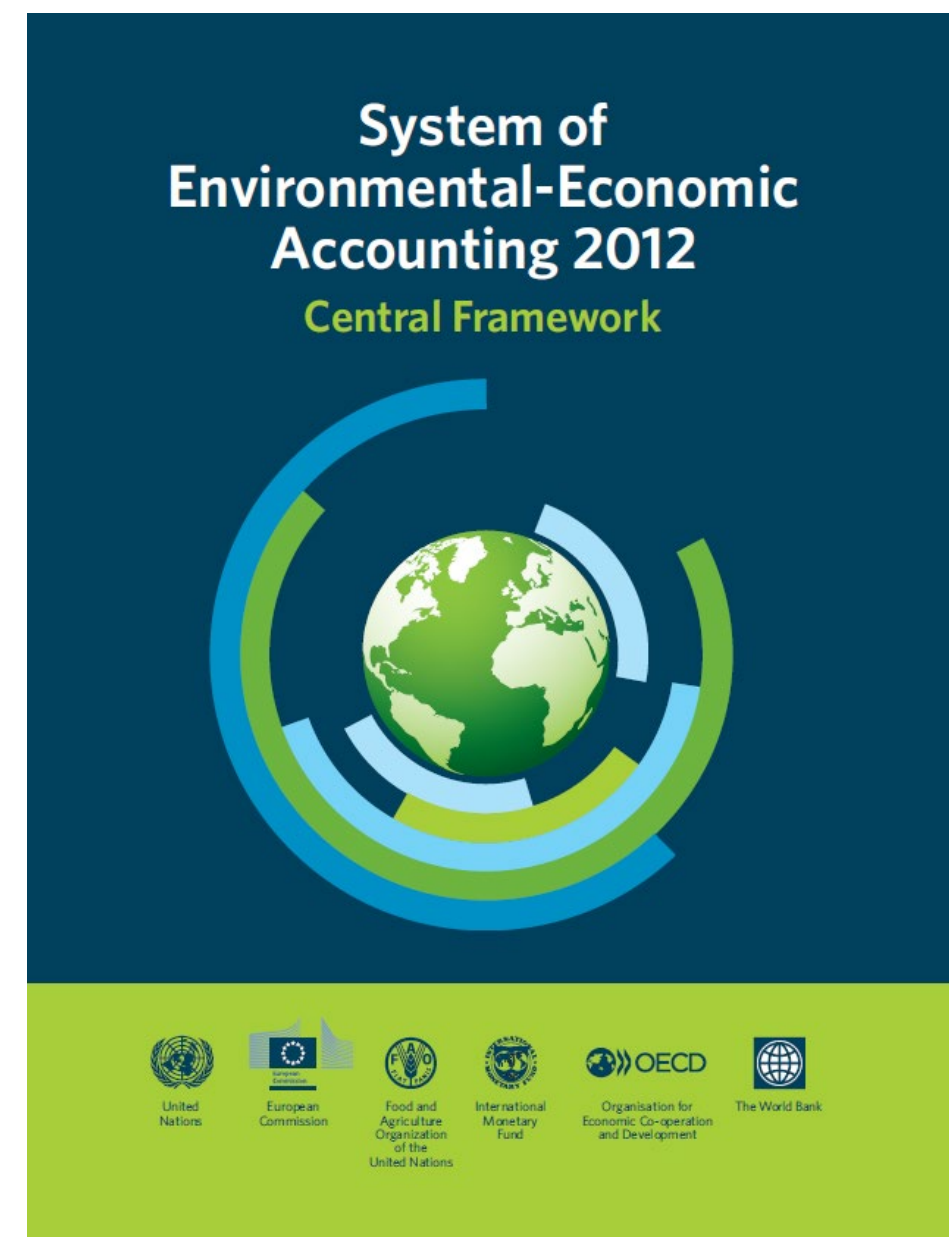
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The Need

- Our economy and well-being crucially depends on nature
- But headline indicators like GDP do not capture these vital contributions.
- As a result, decision makers don't have access to key information necessary to effectively pursue and track sustainable development.
- The System of Environmental Economic Accounts (SEEA) fills that gap.
- SEEA integrates information on the economy and the environment showing their interrelationship complementing the System of National Accounts



SEEA: a standard to measure and value nature



Brings together environmental and economic data using the same accounting principles of the SNA



Credibility, reliability, replicability of data



Consistency over time and space

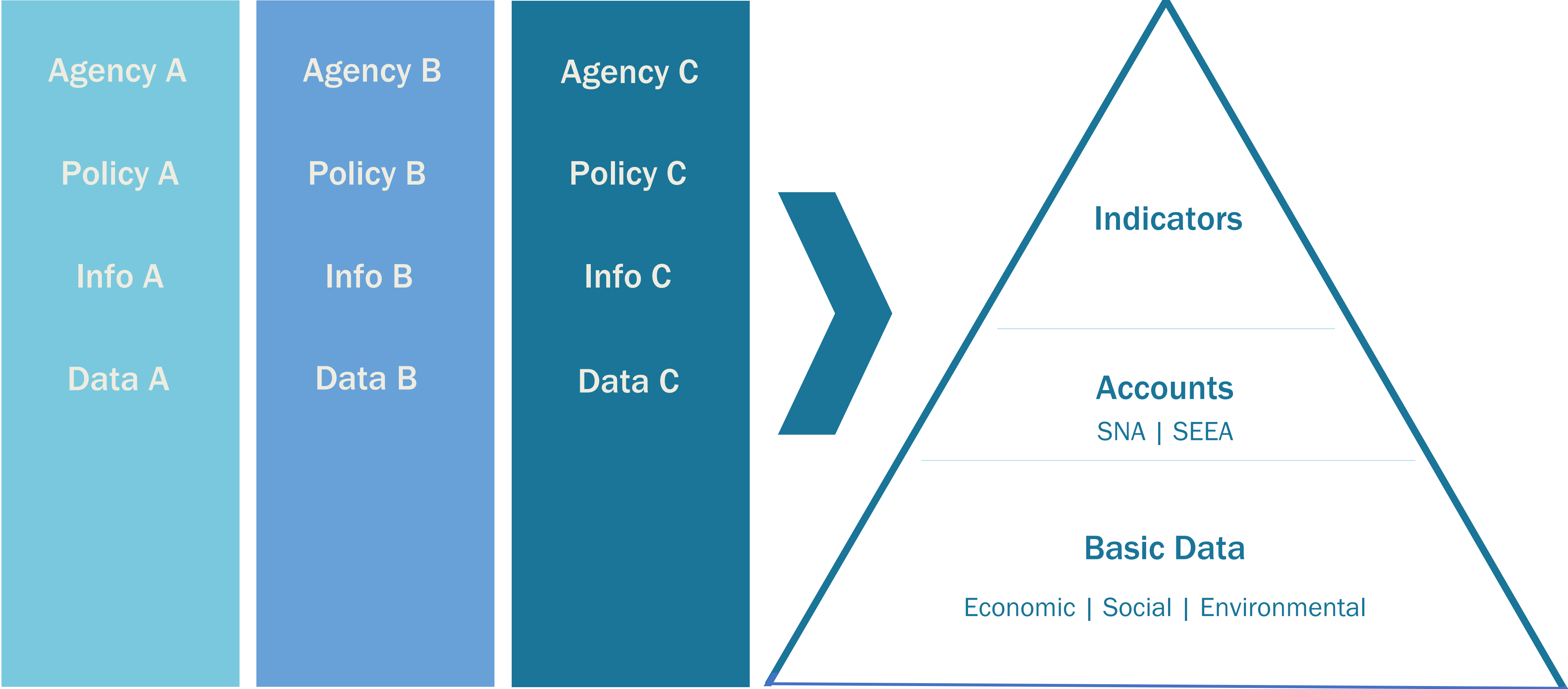


Common language between different communities



Breaks down silos and fosters collaboration

From data silos to integrated information



Two sides of the SEEA

Measures individual resources
Extraction of resources
Environmental expenditures, taxes and subsidies

Timber **Water** **Fish**

Soil **Minerals**

The left side of the diagram is a green hexagon. It features a book cover for the 'System of Environmental-Economic Accounting 2012 Central Framework' at the top left. To the right of the book is a list of measurement categories: 'Measures individual resources', 'Extraction of resources', and 'Environmental expenditures, taxes and subsidies'. Below this list are five icons representing different resources: Timber (logs), Water (a blue drop), Fish (a group of fish), Soil (a small plant growing in a pot), and Minerals (a pickaxe and rocks).

Measures ecosystems and the services they provide to economic and human activity

Forests **Rivers** **Coral reef**

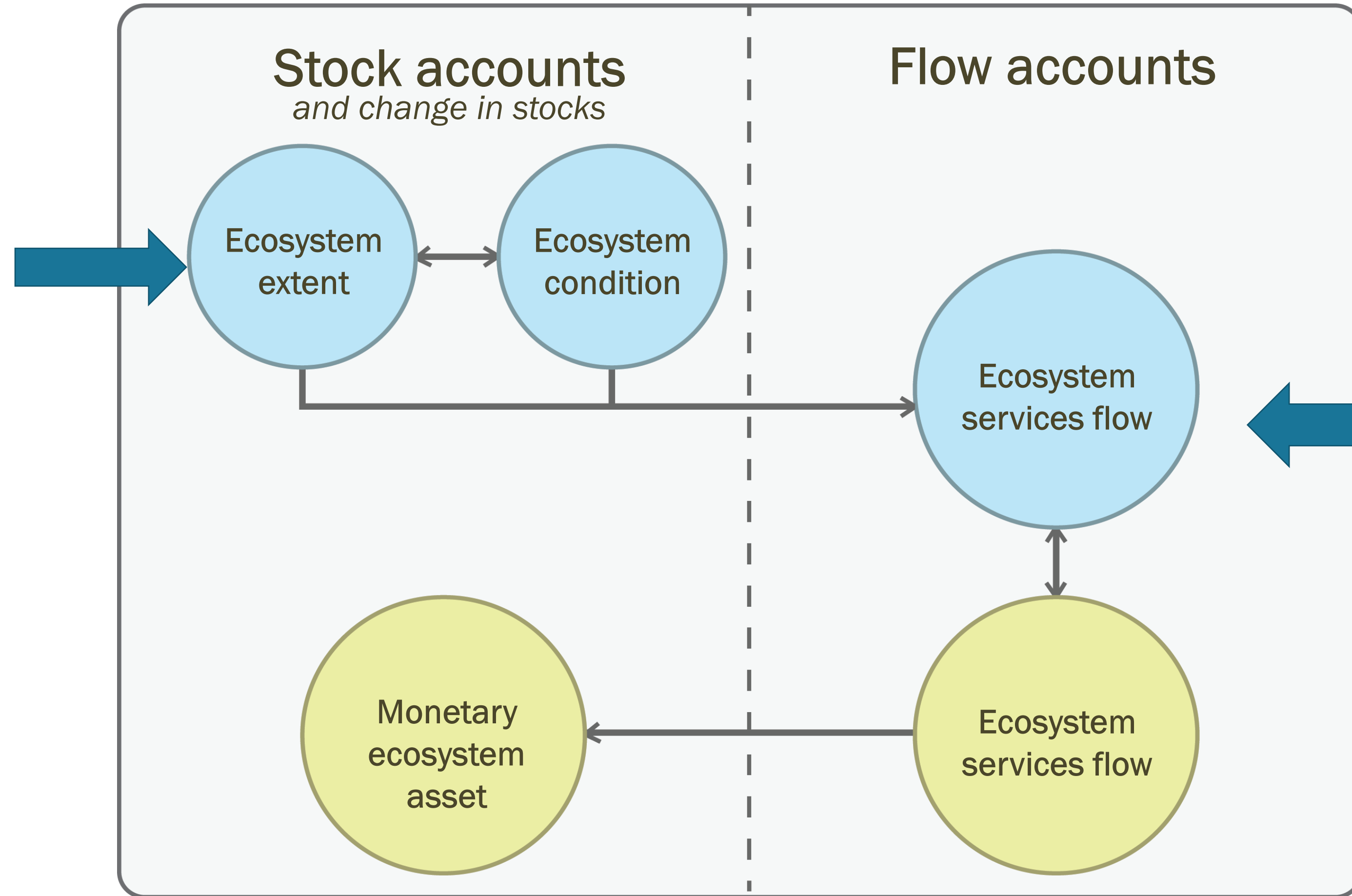
Wetlands

The right side of the diagram is a light green hexagon. It features a book cover for the 'System of Environmental-Economic Accounting 2012 Environmental Ecosystem Accounting' at the top left. To the right of the book is a list of measurement categories: 'Measures ecosystems and the services they provide to economic and human activity'. Below this list are four icons representing different ecosystems: Forests (a group of trees), Rivers (a winding river), Coral reef (a coral reef structure), and Wetlands (a marshy area).

Goal D

SEEA Ecosystem Accounting - Core Accounts

Goal A

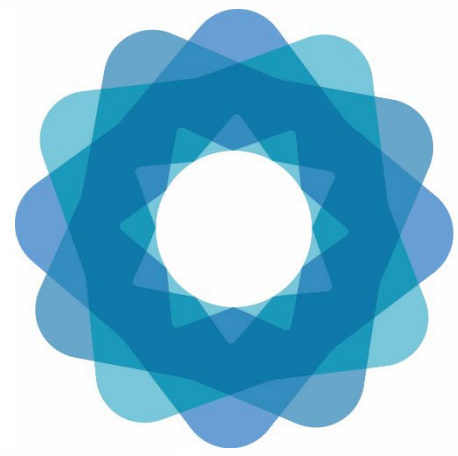


**Goal B
Target 9
Target 11**

● Physical accounts
● Monetary accounts

The SEEA supports multiple ongoing initiatives





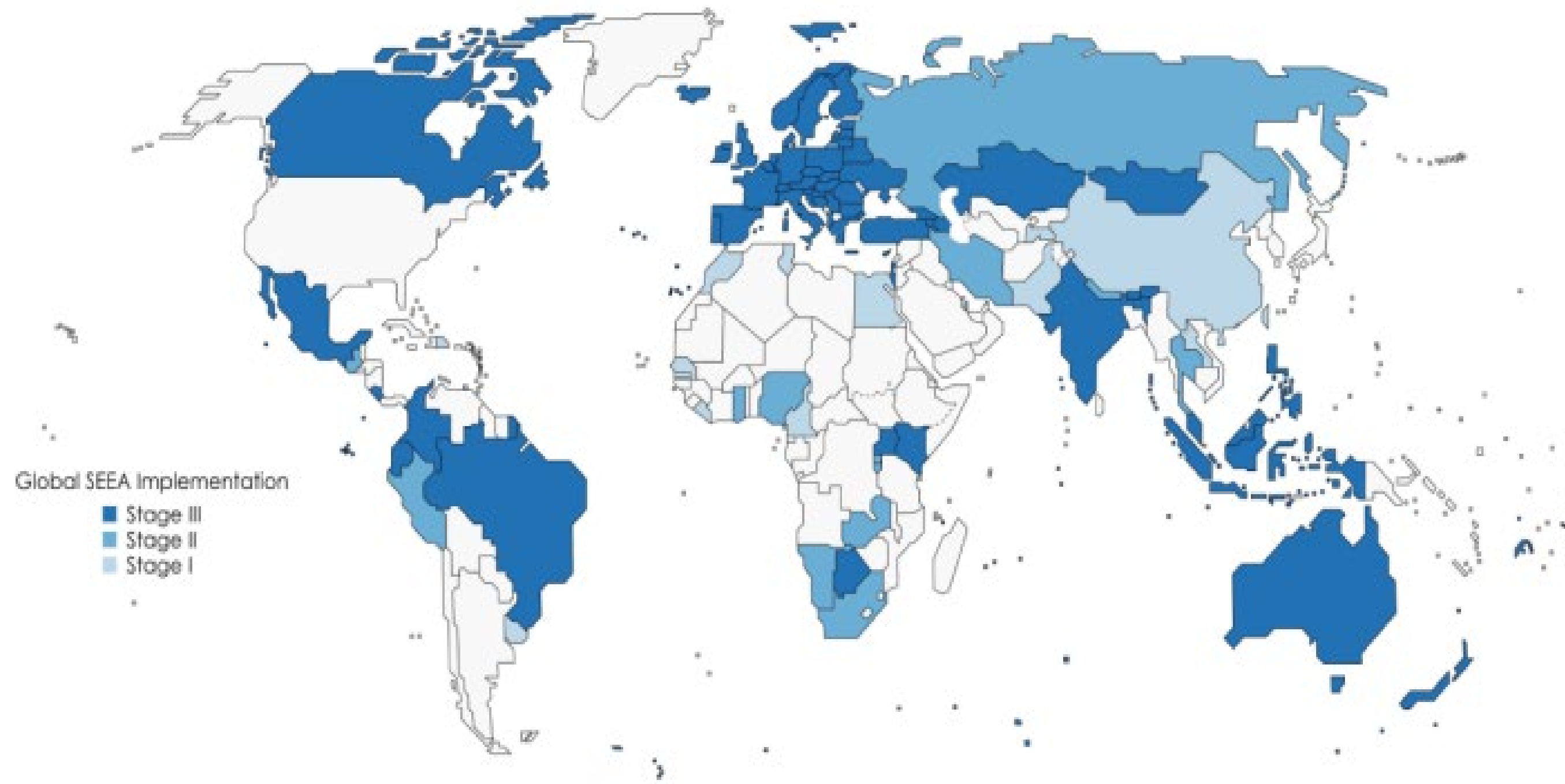
System of
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Global implementation for SEEA



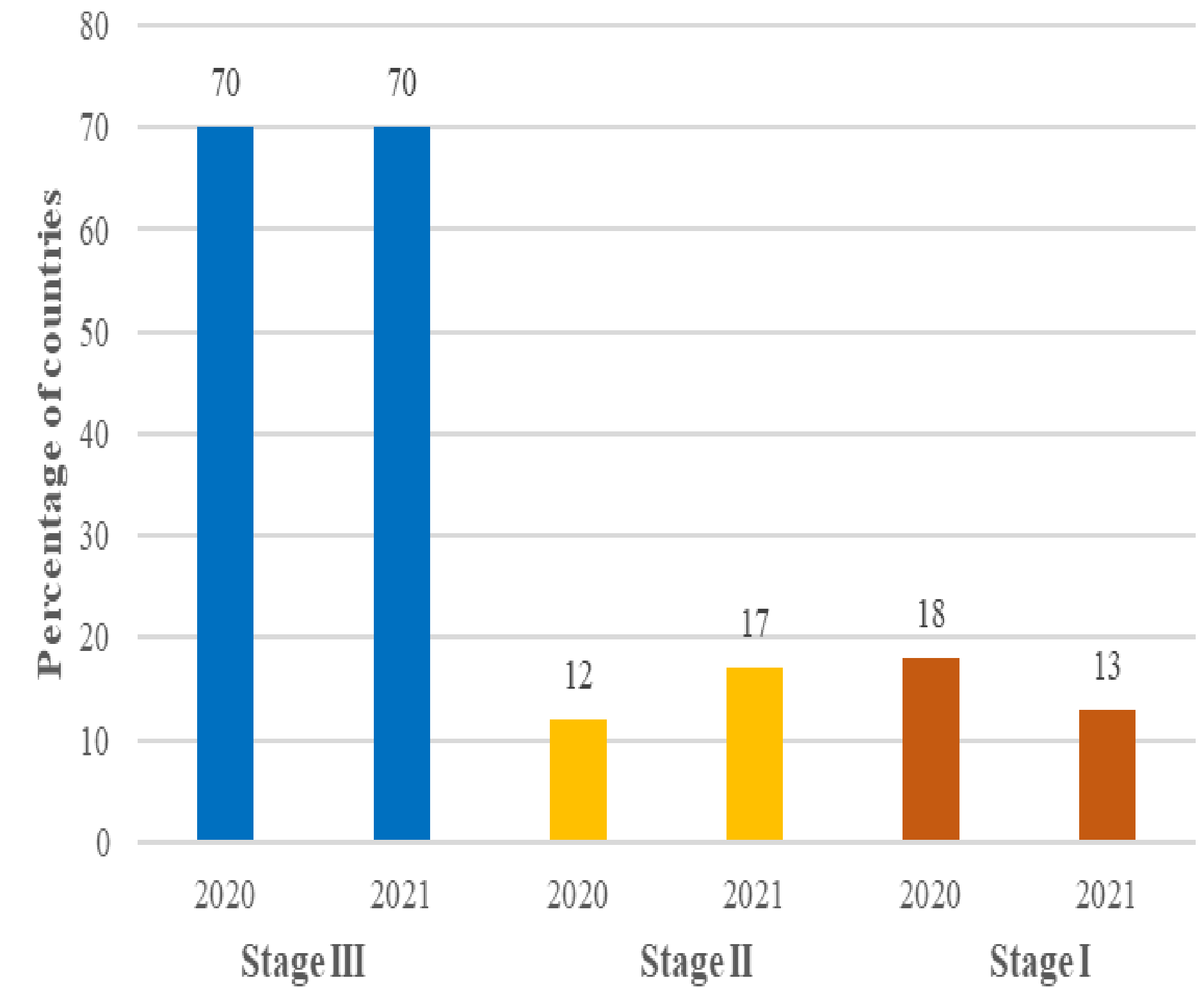
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SEEA Implementation



SEEA status of implementation 2021:

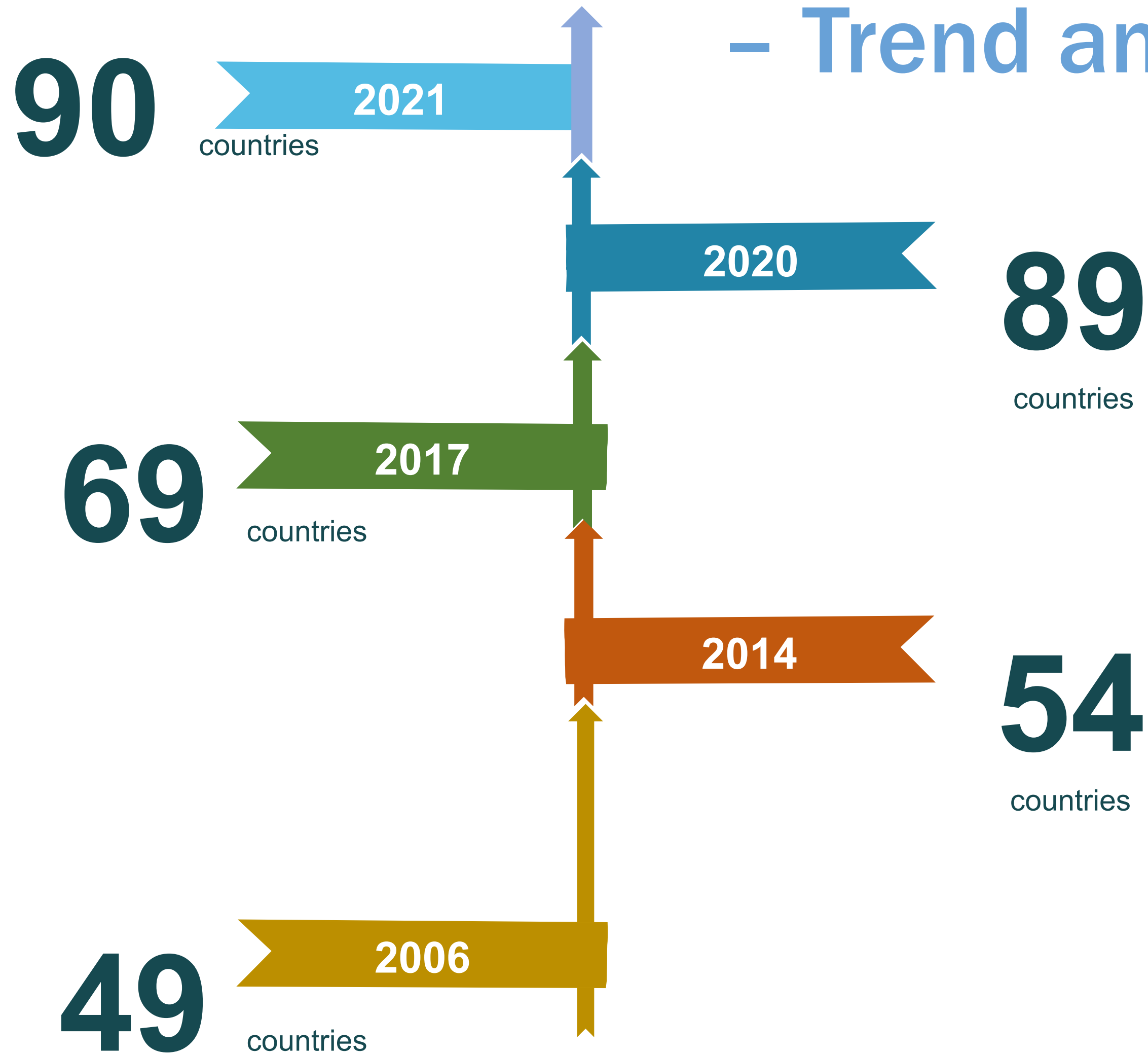
- 90 countries implementing the SEEA Central Framework*
- 37 countries compiling SEEA Ecosystem Accounts



Stage III: Regular compilation and dissemination
Stage II: Dissemination
Stage I: Compilation

Stages of SEEA Implementation

- Trend and geographical breakdowns



	Number of countries that compiled at least one account in the past five years (1)	Stage of implementation					
		Regular compilation and dissemination (Stage III)		Dissemination (Stage II)		Compilation (Stage I)	
		Number of countries (2)	Percentage of countries (2÷1)	Number of countries (3)	Percentage of countries (3÷1)	Number of countries (4)	Percentage of countries (4÷1)
All countries	89	62	70%	15	17%	12	13%
By geographical region:							
<i>Africa</i>	17	4	24%	7	41%	6	35%
<i>Central, Eastern, Southern and South-Eastern Asia</i>	14	7	50%	3	21%	4	29%
<i>Europe and Northern America</i>	38	36	95%	1	3%	1	3%
<i>Latin America and Caribbean</i>	8	5	63%	2	25%	1	12%
<i>Oceania</i>	5	4	80%	1	20%	0	0%
<i>Western Asia</i>	7	6	86%	1	14%	0	0%

Why SEEA?

- **Adds value** to the individual data
- **Makes nature count** within economic planning and decision-making
- Develops a **common language** among disciplines that decision makers can relate to
- **Standardization is important** in order to obtain high-quality, replicable over time and space and comparable statistics
- **SEEA catalyzes collaboration** due its multi-disciplinary nature between different stakeholders--statistical office and universities, line ministries, businesses, etc
- **Provides framework for deriving indicators and scenario analysis**

THANK YOU

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