System of Environmental Economic Accounting

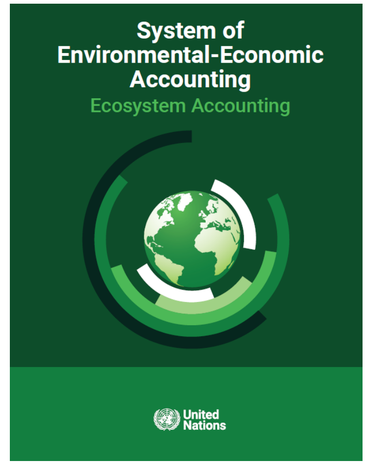
Overview of the SEEA implementation globally and in Africa

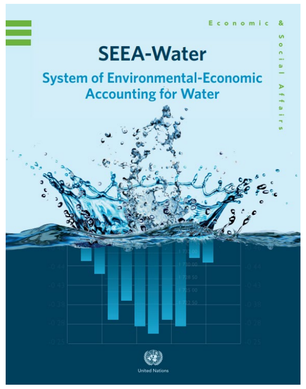
Marko Javorsek, United Nations Statistics

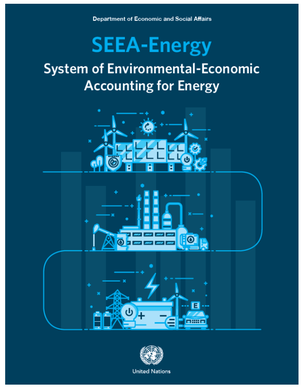
Africa Regional NCA Forum

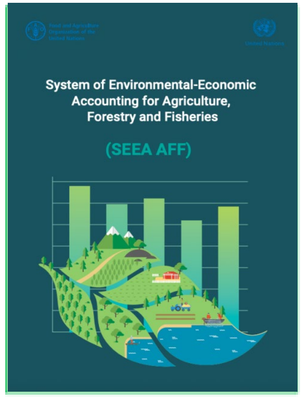
Nairobi, 6-7 September 2023

United Nations

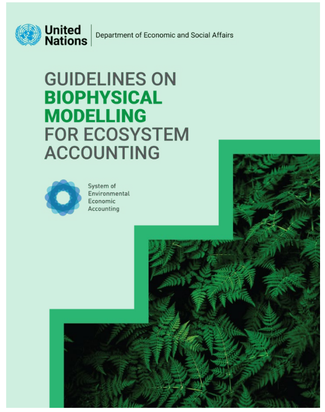


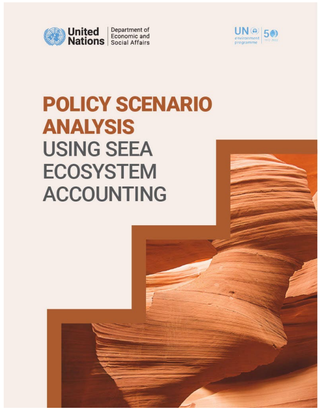


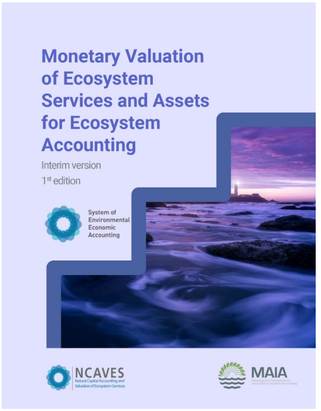




Measuring Sustainable Tourism (TBD)

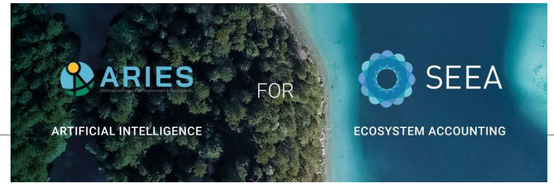






Technical Notes
on energy, water, air emissions, etc.

Ocean Accounts (TBD)



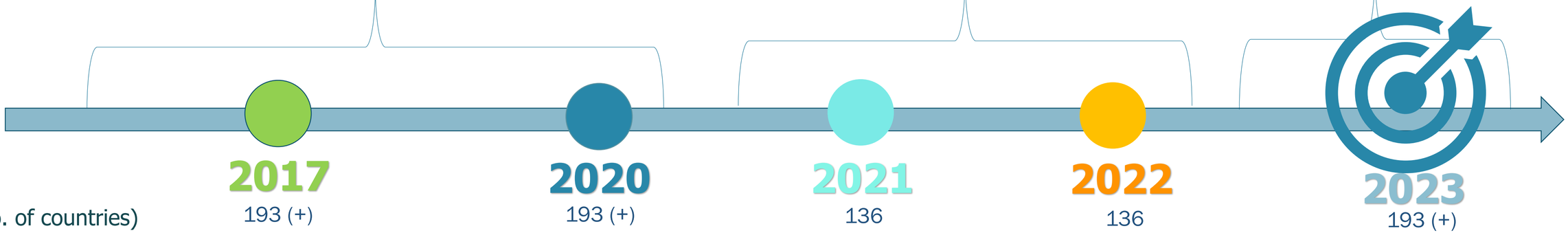
SEEA

Number of countries compiling SEEA accounts

Benchmark Global assessments

"Lite" Global assessments

Next benchmark Global assessment

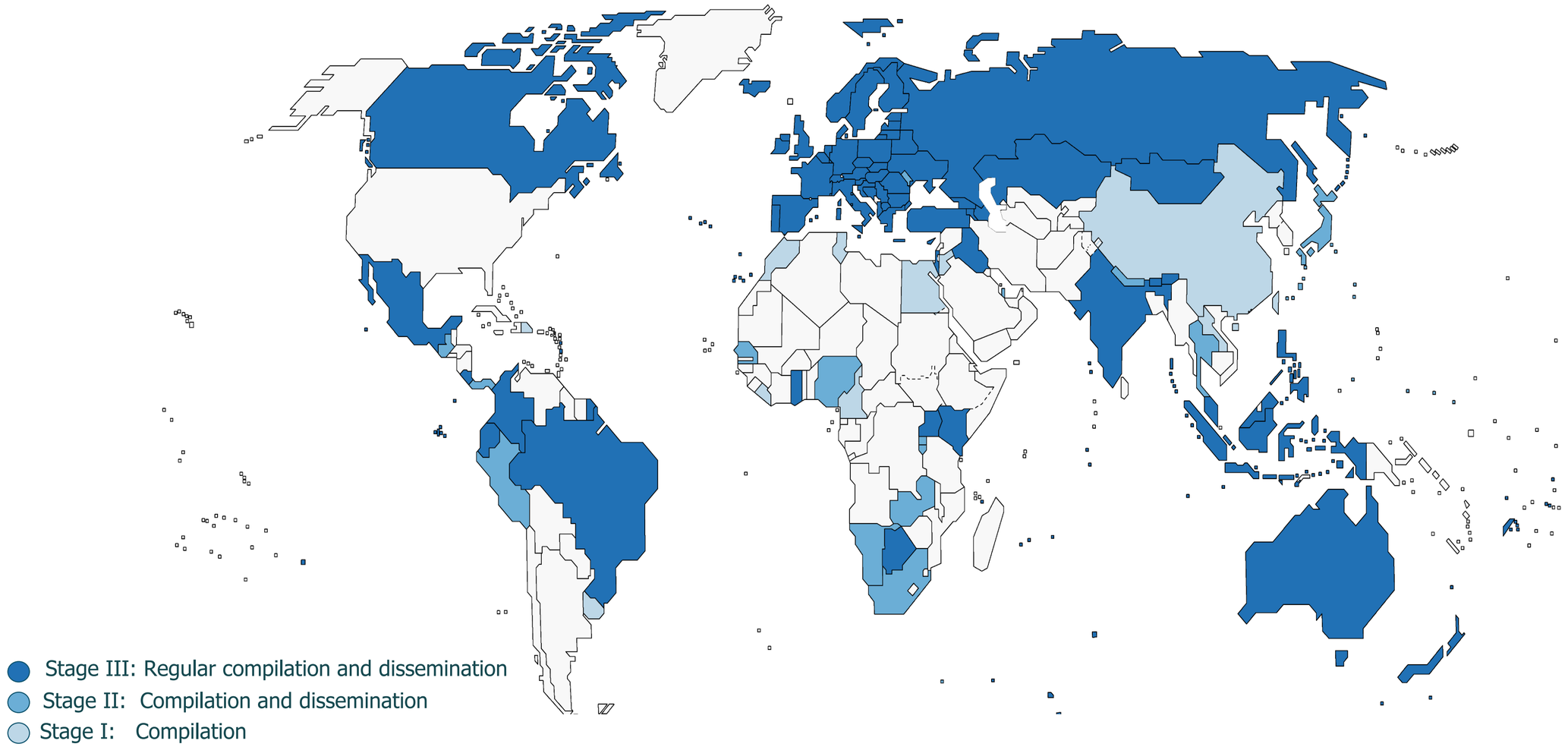


Scope (No. of countries)	2017 193 (+)	2020 193 (+)	2021 136	2022 136	2023 193 (+)
SEEA	69	89	90	92	
Central Framework	69	87	88	91	
Ecosystem Accounting & Thematic accounts	14	34	36	41	

SEEA

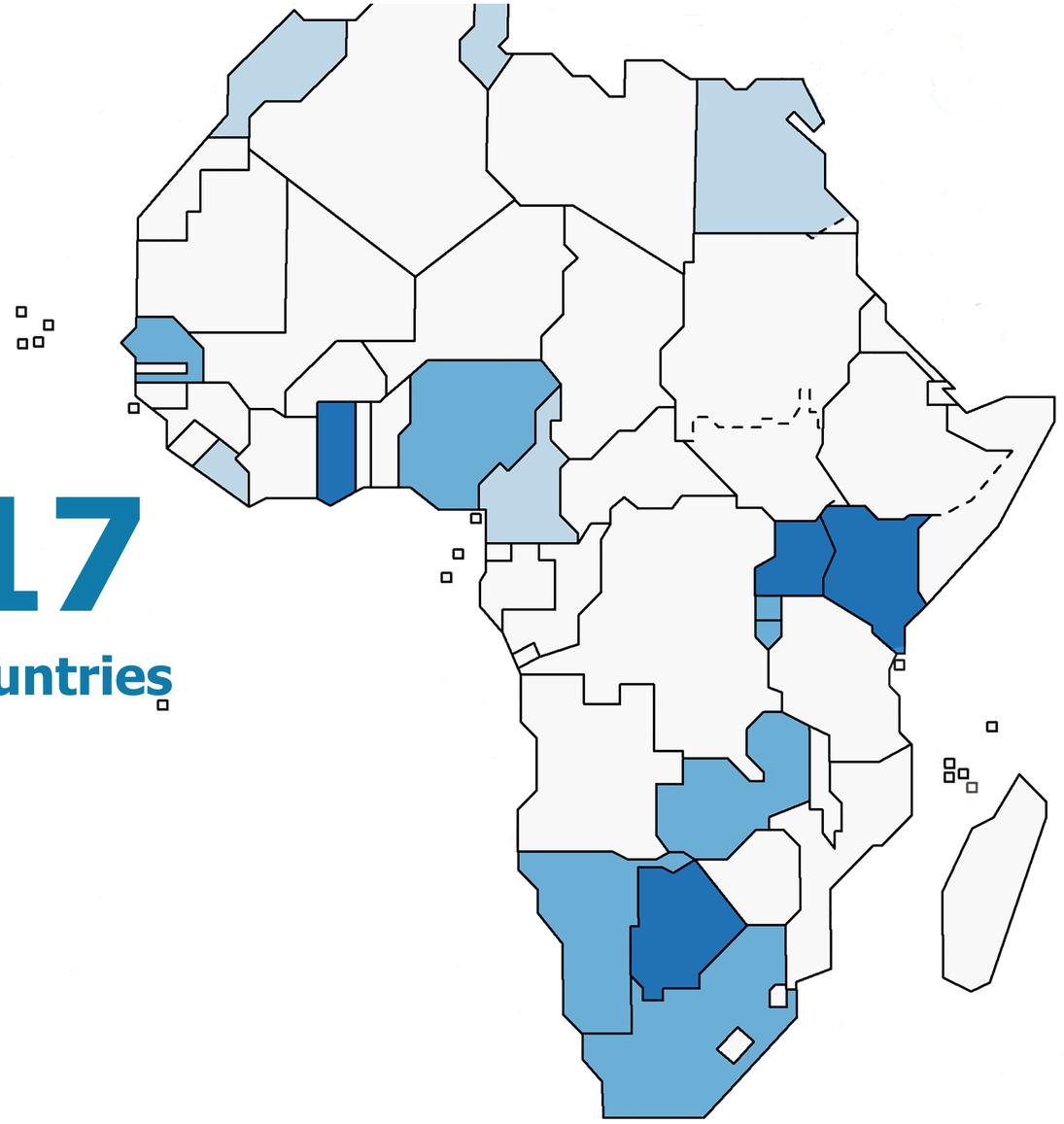
(+) 22 territories were surveyed in addition to the 193 Member States countries

92 countries compiling SEEA accounts (2022)



SEEA

SEEA implementation in Africa (2022)



17

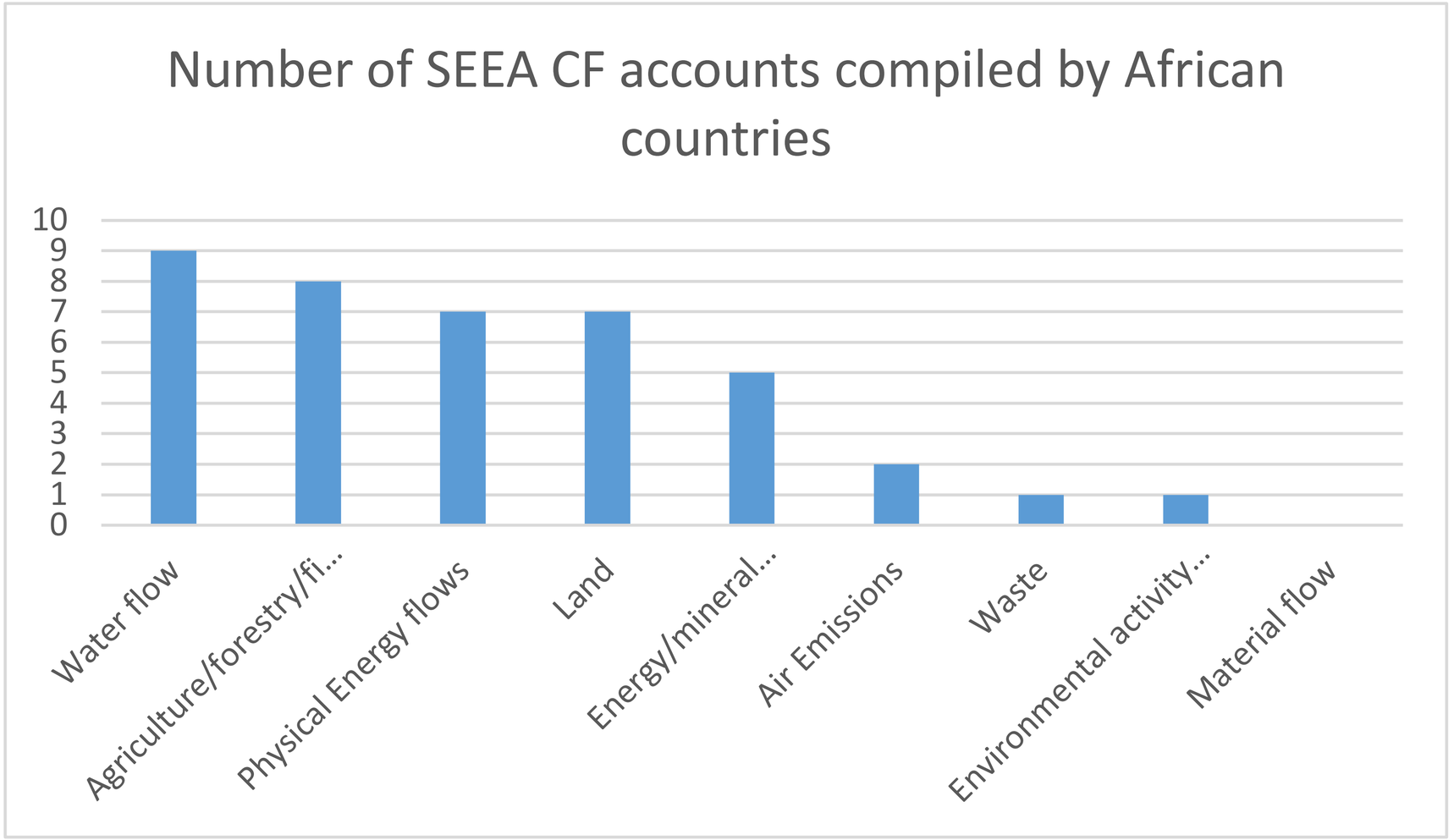
Countries

Country	Stage of implementation	SEEA CF	SEEA EA/Thematic accounts
Botswana	Stage III	Yes	Yes
Ghana	Stage III	Yes	Yes
Kenya	Stage III	Yes	No
Mauritius	Stage III	Yes	No
Uganda	Stage III	Yes	Yes
Burundi	Stage II	Yes	No
Namibia	Stage II	Yes	Yes
Nigeria	Stage II	Yes	No
Rwanda	Stage II	Yes	Yes
Senegal	Stage II	Yes	Yes
South Africa	Stage II	Yes	Yes
Zambia	Stage II	Yes	Yes
Cameroon	Stage I	Yes	No
Egypt	Stage I	Yes	No
Liberia	Stage I	Yes	Yes
Morocco	Stage I	Yes	No
Tunisia	Stage I	Yes	No
Total countries		**17**	**9**

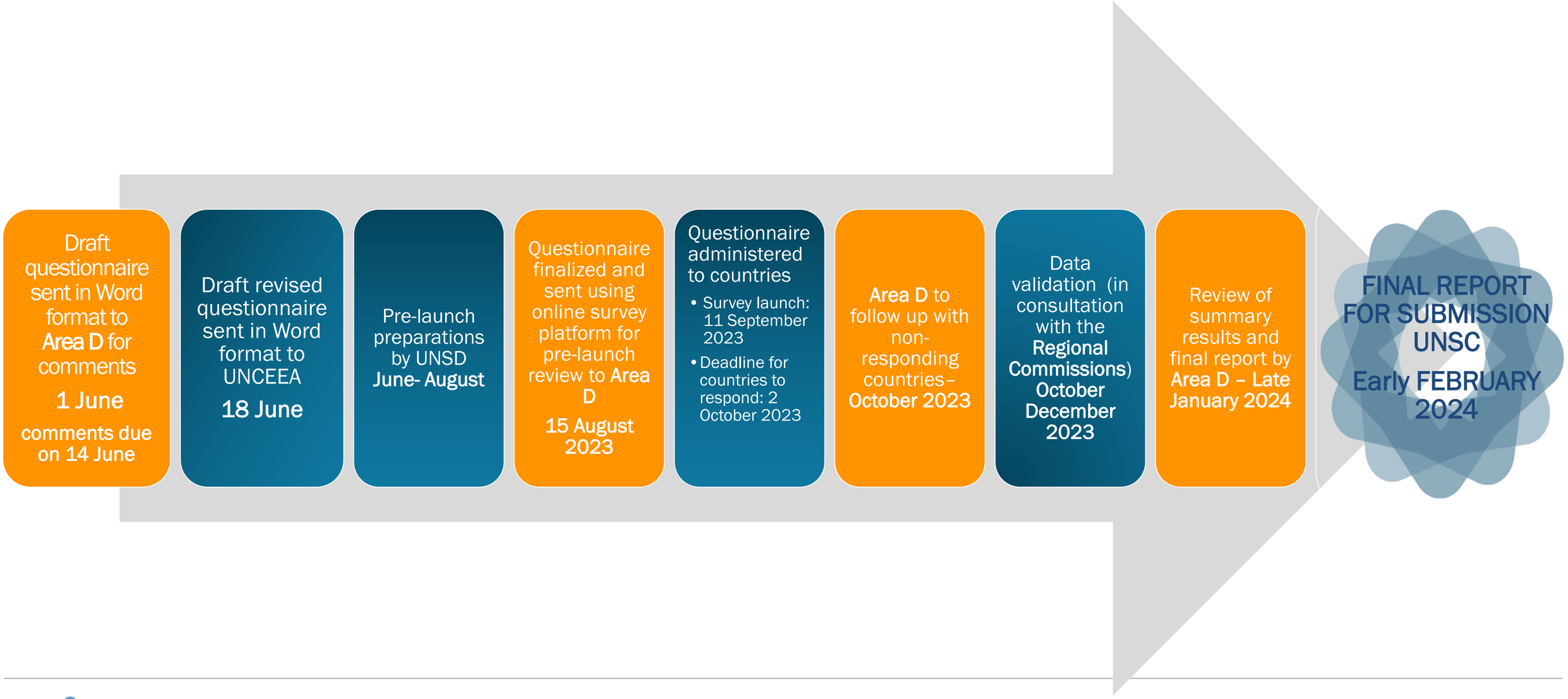
SEEA

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

Types of accounts compiled



Tentative timeline 2023 Global Assessment



SEEA

System of
Environmental
Economic
Accounting

Supporting the implementation of the SEEA

United Nations

New SEEA Implementation Guide

1. Strategic planning	• Characteristics of a strategic plan and its development in two steps: (1) establishing a core group, and (2) conducting a national assessment
2. Mechanisms for implementation	• Potential institutional set-ups needed for successful implementation of SEEA
3. Compiling accounts	• Aspects related to compilation, such as data sources; work of the technical committee; collaboration with partners; and additional resources and activities to support implementation
4. Disseminating accounts	• Good practices around disseminating the accounts, identifying the main users of accounts and their information needs
5. Institutionalizing the SEEA	• Legal mandates, formalization of mechanisms between institutions, funding mechanisms, and moving from piloting to regular production

Materials supporting the implementation

- E-learning SEEA CF in Arabic, English, French, Russian and Spanish
- E-learning SEEA EA in English and soon in French and Spanish
- E-learning SEEA Energy in Arabic, English and Russian
- E-learning SEEA Water English and Arabic
- E-learning on NCA Policy uptake in English, French and Spanish
- Technical Notes
  - Energy Accounts
  - Air Emission Accounts
  - Water accounts
  - Material Flow Accounts
  - Environmental Protection Expenditures Accounts
  - Environmental Goods and Services Sector
  - Land accounts
- Knowledge base on SEEA CF and SEEA EA

Guidelines in support of implementation

Ecosystem Accounting

- Biophysical guidelines
- Monetary valuation
- Policy scenario analysis

Data

- ARIES for SEEA

Policy applications

- Linkages of global indicators with SEEA
- How NCA contributes to sustainability policies

THANK YOU

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