

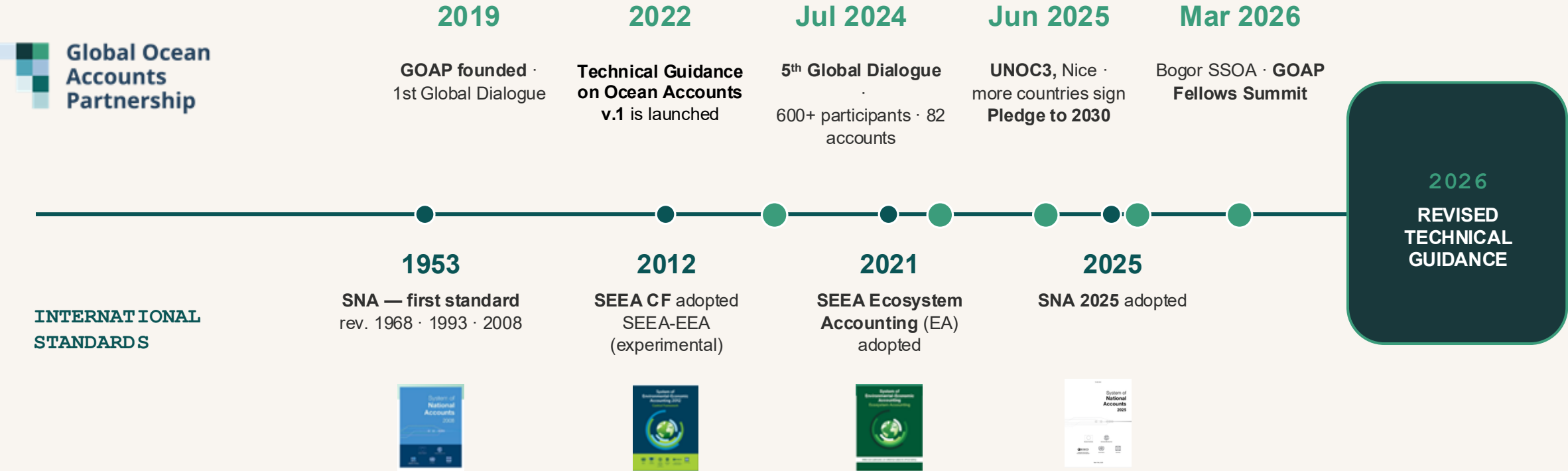
The Revised Technical Guidance on Ocean Accounting

Presented by Marianne Feoli

Global Ocean Accounts Partnership Secretariat · UNSW Sydney

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The standards matured — ocean implementation followed



What are ocean accounts?

Integrated records of comparable data — the existing standards, applied to the ocean.

ENVIRONMENTAL

e.g. coral, mangrove, seagrass extent & condition

SEEA CF · SEEA EA

ECONOMIC

e.g. ocean's share of production, jobs, tourism

SNA 2025

SOCIAL

e.g. food security, livelihoods, who benefits

EXTENSION — no adopted standard yet

Not a new standard. Ocean accounts apply the SNA and the SEEA to the ocean — extended to social and governance on the same principles.

Design structure

1 · MODULAR CIRCULARS

80+ self-contained compilation units. Outcome · prerequisites · step-by-step method · data inputs & classifications · output table specs.

THE STANDARD - WHAT & HOW

2 · SPATIAL DATA FRAMEWORK

Open-source reference implementation, deployed sovereignly by national institutions.

THE INFRASTRUCTURE

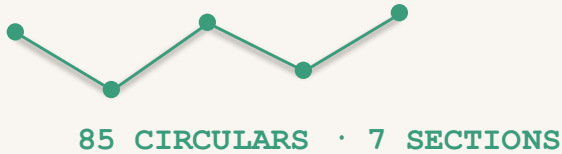
3 · AI-READY ACCESS

The circulars are machine-readable and data are served via OpenAPI standards.

Feed it to your favourite tools, however you like.

THE INTERACTION

From drafting to global consultation



01

DRAFTED

Drafting over GOAP's corpus of guidance, pilots and papers — curated into 85 circulars.

02

REVIEWED

Structured internal review — GOAP Secretariat and contributors across the set, 120+ on Social Accounts alone.

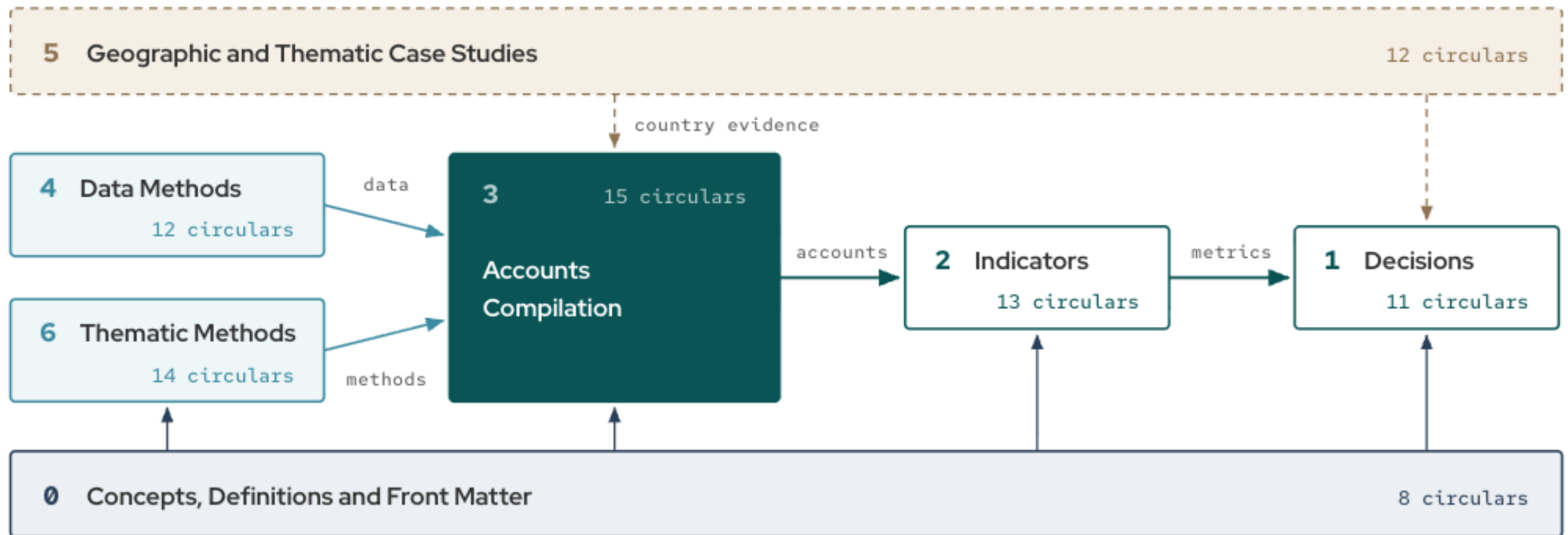
03

GLOBAL CONSULTATION

Opens mid-September: paragraph-level comments, open to all.

Quality control at the unit level — named accountability and faster correction cycles than a monolithic manual.

Design structure



Seven sections, 85 circulars. Solid arrows carry a product from one section to the next; dashed arrows carry country evidence rather than method.

The Spatial Data Framework



An aggregator, not a data producer — circulars specify what and how; the SDF compiles, combining global layers with a country's own data.

WORKED EXAMPLE · OCEAN CARBON ACCOUNT

SOURCE Global Mangrove Watch v3.0 · ingested · GeoTIFF 25 m

↓ clipped to national EEZ boundary

SOURCE National boundary dataset · Dept of Environment

↓ intersect → area (ha)

TRANSFORM Carbon stock — IPCC 2013 Wetlands Suppl., Tier 1 · script v1.4.2

↓ aggregated to reporting unit

OUTPUT Mangrove carbon stock: 4.2 Mt CO₂-e · Reproducible ✓

A data passport travels with every value: self-contained, machine-readable, human-inspectable.

Explore the platform



<https://oceanaccounts.org/sdf/>

Spatial Data Framework

Manage spatial data, dashboards, and reports.

Browse

Log in

Sign up

AI-ready by design — bring your own tool

Q1 **Query methodology** — how is this account compiled?

Machine-readable circulars + open APIs — download the guidance into whichever AI tool you already use.

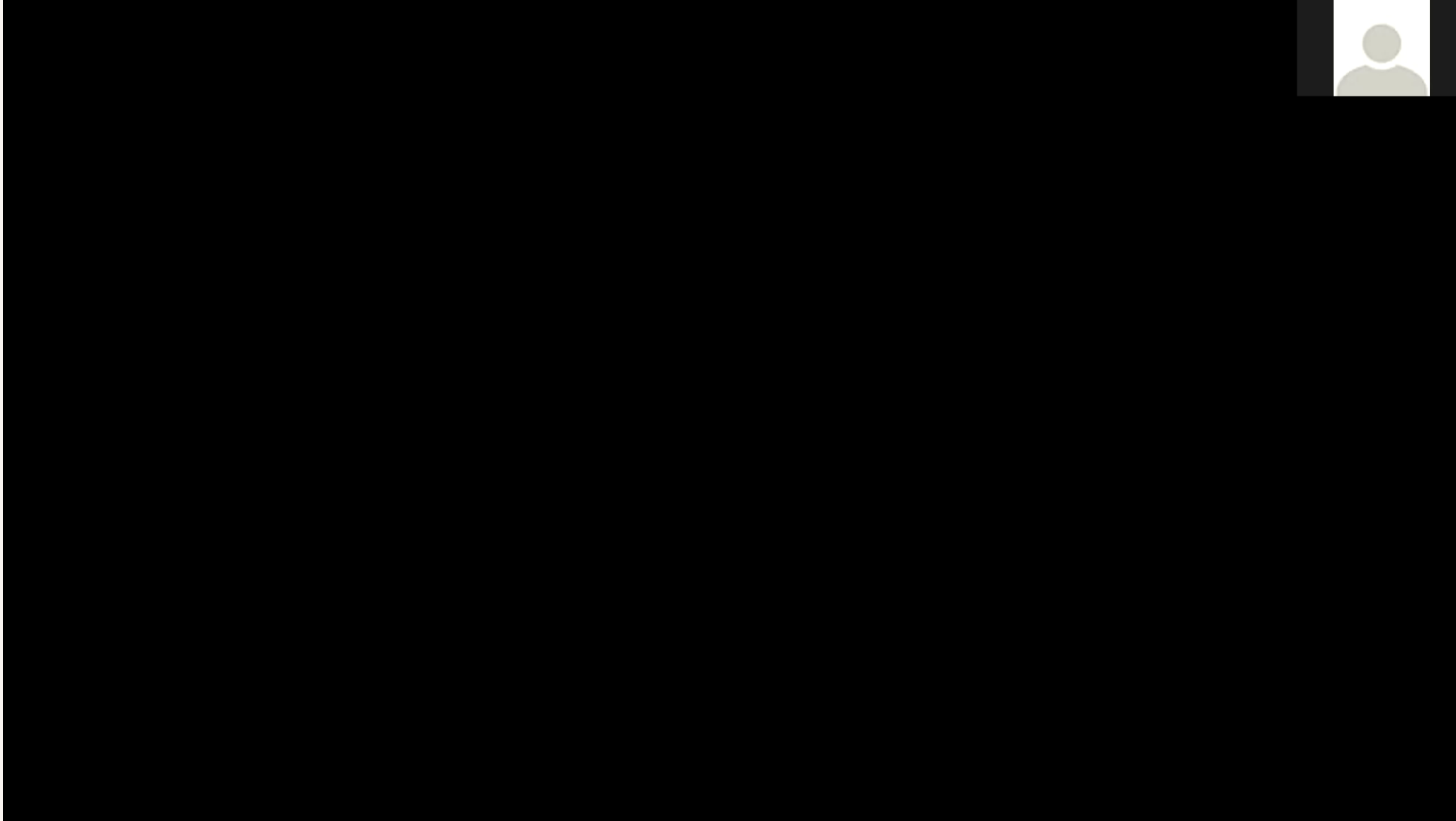
Q2 **Trace prerequisites** — what must be in place first?

An invitation, not a product launch: build the interfaces your institutions need.

Q3 **Describe your data situation** — get feasible entry points.

AI bring your own — no lock-in to a single tool

Launch of global consultation (mid September)



Gracias · Thank you

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Example of native AI tool interaction

