



The Global Ocean Observing System



# Cross-Panel meeting: summary and messages for GOOS SC

**GOOS Cross-panel meeting**  
Paris, 18<sup>th</sup> February

# 16 participants



# AGENDA

	No	Item	Responsible
09:00 - 09:10		Opening	Joanna Post
09:10 - 09:30	1	Cross-panel interactions in 2024 and status of the topics discussed (5'+15')	Belén Martín Míguez
09:30 - 09:50	2	The new EOV specification sheet (10'+10')	Ana Lara López
09:50-10:30	3	The GOOS biodiversity plan (10'+30')	Ana Lara López/ Clive McMahon
10:30 - 11:00		Coffee break	
11:00 - 11:40	4	EOV European projects (5'+5'+5'+25')	Sabrina Speich, Maciej Telszewski, Ana Lara López
11:40 - 12:30	5	Report Card (10'+40')	Laura Stukonyte /Emanuela Rusciano
12:30-14:00		Lunch break	
14:00-14:30	6	The GCOS consolidation of ECVs (10'+20')	Belén Martín Míguez
14:30-15:00	7	GOOS/IODE data architecture (15'+15')	Véronique Garçon
15:00-16:00	8	Time for preparing report to GOOS SC	All
16:00-16:30		Coffee break	
16:30-17:15	9	The GOOS carbon plan (15'+30')	Adrienne Sutton (tbc)



# AGENDA

	No	Item	Responsible
09:00 - 09:10		Opening	Joanna Post
09:10 - 09:30	1	Cross-panel interactions in 2024 and status of the topics discussed (5'+15')	Belén Martín Míguez
09:30 - 09:50	2	The new EOVS specification sheet (10'+10')	Ana Lara López
09:50-10:30	3	The GOOS biodiversity plan (10'+30')	Ana Lara López/ Clive McMahon
10:30 - 11:00		Coffee break	
11:00 - 11:40	4	EOV European projects (5'+5'+5'+25')	Sabrina Speich, Maciej Telszewski, Ana Lara López
11:40 - 12:30	5	Report Card (10'+40')	Laura Stukonyte /Emanuela Rusciano
12:30-14:00		Lunch break	
14:00-14:30	6	The GCOS consolidation of ECVs (10'+20')	Belén Martín Míguez
14:30-15:00	7	GOOS/IODE data architecture (15'+15')	Véronique Garçon
15:00-16:00	8	Time for preparing report to GOOS SC	All
16:00-16:30		Coffee break	
16:30-17:15	9	The GOOS carbon plan (15'+30')	Adrienne Sutton (tbc)



These topics will be dealt with later today



# 1. Cross-panel interactions after first cross-panel meeting in 2024

## MAIN TOPICS DISCUSSED

- Good progress in the lines of common work identified last year (Indicators, Data, GCOS)
- Good cross-panel interaction: experts attending meetings, meetings between co-chairs, officers □  
Having an in-person Joint Panel Meeting would be a game changer
- Importance of identifying activities where the three panels can contribute

## ACTIONS

**GOOS panels** to explore opportunities for cross-panel collaboration on topics like marine heatwaves, connectivity, and ocean carbon (could be part of a Joint Panel Meeting).

## RESOURCE NEEDS AND CONSIDERATIONS FOR GOOS SC

- Allocate funding in the GOOS budget for the next biennium to support a GOOS Joint Panel Meeting. Expected end of 2026; 45 members attending; GOOS could support 20 experts from the panels



## 2. EOV Specification Sheets

### MAIN TOPICS DISCUSSED

- Importance of avoiding confusion/duplication in specification sheets for EOVs and ECVs
- Less is more: simplicity is essential so that a broader spectrum of users can take advantage of the specification sheets
- The EOV specification sheets must indicate the connection between EOVs and other frameworks (e.g. Indicators) but must be manageable, they cannot include all details.

### ACTIONS

**GOOS panels/Communication officer** to consider co-branding (add GCOS/GOOS logo to EOV/ECV spec sheets) and/or explanations in case of different terminology

**GOOS panels** to update the EOV specification sheets (BioEco is already working on this).



# 3. Biodiversity plan

## MAIN TOPICS DISCUSSED

- Progress in the development of a GOOS Biodiversity plan led by BioEco
- Visibility of GOOS and BioEco at Biodiversity COP
- Recognition of the prominent role of GEO/GBON in the Biodiversity space but can IOC position itself also in this space too?
- Consider whether the MBON/BioEco MoU should be updated

## ACTIONS

**Bioeco panel** to share the biodiversity plan draft with other panels for review and input when ready.

# 4. EOV projects funded by the European Commission

## MAIN TOPICS DISCUSSED

- Scope and points in common of the three projects. They all aim to improve the delivery of essential ocean variables and enhance operational global observing and forecasting systems
- These three projects can help advance GOOS Strategy, however short-term projects are not the solution for a sustained ocean observing system

## ACTIONS

**GOOS Executive** to include regular updates on the three European projects related to EOVs in future meetings.

**GOOS panels** to identify and agree on priority topics/challenges for potential future European Commission funding calls.

**GOOS Executive** to explore ways to lobby MS representatives/influence EC at the stage of defining calls for funding, so that they include topics aligned with GOOS mission and vision





# 5. Report card

## MAIN TOPICS DISCUSSED

- Panels provided suggestions to Laura Stukonyte on topics for the next Report Card
- We discussed the scope of the Report Card, which must give account of the status of the ocean observing system but also include stories for the broader public talking about its impact
- We discussed the interest of including metrics on adequacy of the observing system by EOVs (vs. reporting by network), acknowledging that this could only be done in a simplified way and for one application/focus

## ACTIONS

**GOOS panels** to work on developing a unified message about the panels' collective role and value for GOOS.

**Future Report Cards** to include reporting on the status of the observing network by EOV



# 6. Consolidation of ECVs/ECV Rationalization

## MAIN TOPICS DISCUSSED

- Rationale, timeline and main outcomes of the GCOS led ECV Rationalization.
- Explanation on how GOOS BioEco and GOOS BGC have contributed to the ECV Rationalization process so far
- Importance of not generating two different asks for the ocean observing communities, and ensure that the basic elements (EOV subvariables = ECV quantities = measurable variables) can be identified in both frameworks
- Concerns about the feasibility of having an Ocean organic carbon storage ECV

## ACTIONS

**Belén** to inform GOOS panels experts about the ECV Rationalization Public Review, so that they can provide more input



# 7. GOOS/IODE data architecture

## MAIN TOPICS DISCUSSED

- Remarkable progress since last year. Very good engagement from OCG, OceanOPS, BioEco and BGC experts, together with IODE/OBIS/ODIS.
- The goal is to create a federated gateway to all ocean data, with clear metadata and quality or uncertainty attribution.
- Focus on the foundations of the value chain: metadata, interoperability... probably concentrating on a few EOVs

## NO ACTIONS IDENTIFIED

## RESOURCE NEEDS AND CONSIDERATIONS FOR GOOS SC

- Staff working across-BioEco/BGC and OCG will be needed to support this activity
- For certain developments (generation of products), extra specific skills/staff may be necessary, as this requires different skills to delivering data



# 8. Carbon and GHG plan

## MAIN TOPICS DISCUSSED

Progress achieved in several lines of work related to inorganic surface CO<sub>2</sub>, all contributing to different strands of the G3W (WMO)/GCOS IP/IOC-R Carbon Strategy  
Discussion around the role of organic carbon, and whether BioEco could contribute

## ACTIONS

**Bioeco panel** to initiate discussions on coordinating organic carbon observations to complement inorganic carbon efforts.