

GOOS Implementation Plan Report – GOOS SC-11 April 2022

1. Background

Objectives:

- **Raise visibility/knowledge of GOOS actions towards implementing 2030 Strategy**
- **Enable priority setting, Steering Committee to ‘steer’**
- **Implement cohesive cross-GOOS actions**
- **Identify resource needs and target fundraising activity against action/impact**
- **Enable gap filling, including through partnerships**
- **Identify and tackle any barriers to GOOS ability to execute**
- Track progress towards achieving the Strategy, milestones and output
- Understand interdependencies, and use GOOS resource more effectively
- Support dialogue with partners about roles, where fit in achieving the Strategy
- Provide visibility of how GOOS is responding to societal needs – impact
- Integrate Decade Programmes and GOOS Project’s role in implementing the Strategy

Timeline

- 2019 - Global Ocean Observing System 2030 Strategy
- 2020 - GOOS components major actions identified and discussed across GOOS, consolidation
- 2021 - GOOS Implementation Plan - 72 actions, cross-GOOS actions identified, project management software needed, SC discussion around impact vs. Roadmap and integrating the Ocean Decade Programmes and Projects
- 2022 - actions in project management software Monday, GOOS poised to take a step forward in ability to look across GOOS implementation, and for resource identification and fundraising

Reiterate

- Strategy is vital, but without implementation it is meaningless
- this is a process rather than an outcome, GOOS is implementing the 2030 Strategy
- SC must engage with this implementation to provide effective oversight of how the Strategy is fulfilled

2. Status April 2022

Project management tool - Monday

The major actions across 6 core GOOS components (3 GOOS Expert Panels, OCG inc. OceanOPS, GRAs and ETOOFs) are all in the Monday project management tool, and support staff have been trained in its use. Many of the GOOS component leadership have also engaged with Monday. GOOS components have created their own views in the main GOOS workspace that enables them to view just the actions that they lead and/or are partners to.

Some GOOS components are aligning their work plans and reporting with these main actions in the project management system, to support integrated reporting and planning, and to avoid duplication of reporting. Some components are also experimenting with having their own more detailed action workspaces within the Monday project management tool, for example there is a ‘communications’ specific workspace.

The ‘GOOS Main Workspace’ in Monday is developed through actions under each Strategic Objective (SO1 - SO11), with subitems/milestones under each action, to help track implementation.

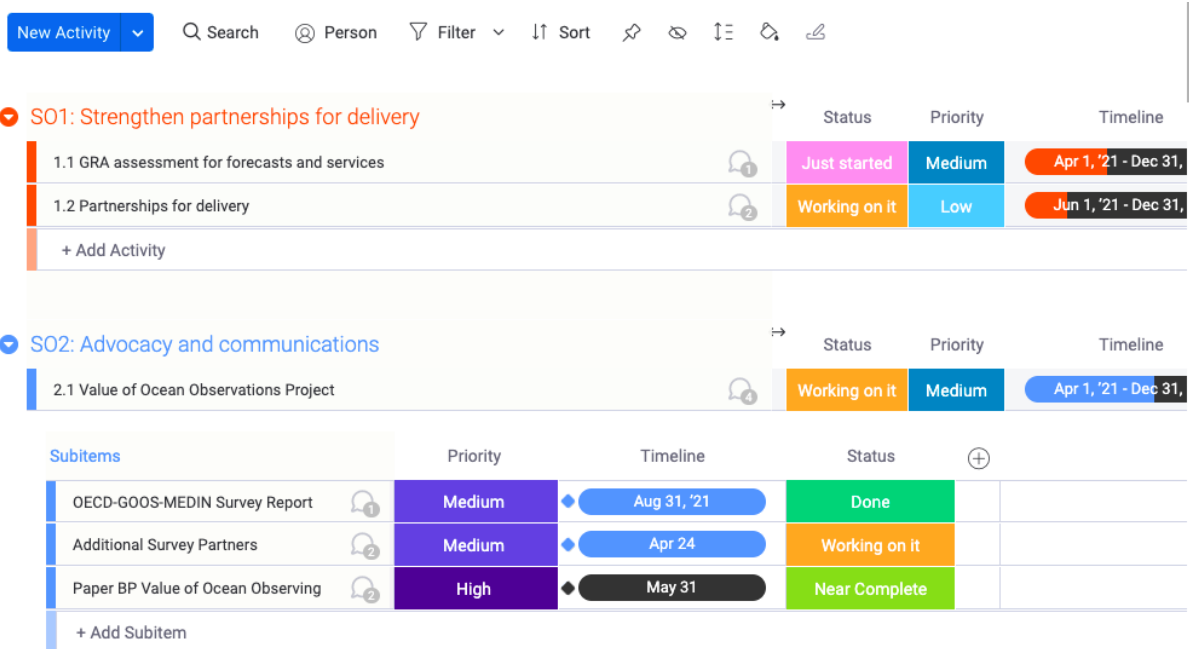


Figure 1. Example view of main workspace

Below are some screenshots and/or links to summary 'views' in the Monday project management tool, the aim is to provide the GOOS Exec with a set of tools for planning and the SC with tools for engagement.

Reporting

The project management tool enables GOOS to quickly see the spread of actions across the 11 GOOS Strategic Objectives and components, and the general advancement of these actions, including those that are 'stuck'.

Figure 2: Actions across the 11 GOOS Strategic Objectives - Gantt Chart in the Monday project management tool - Gantt chart in Monday, link below, shows the timeline of the various actions under each Strategic Objective

<https://view.monday.com/1207852425-568f13263e206473dad561f13539ff26?r=use1>

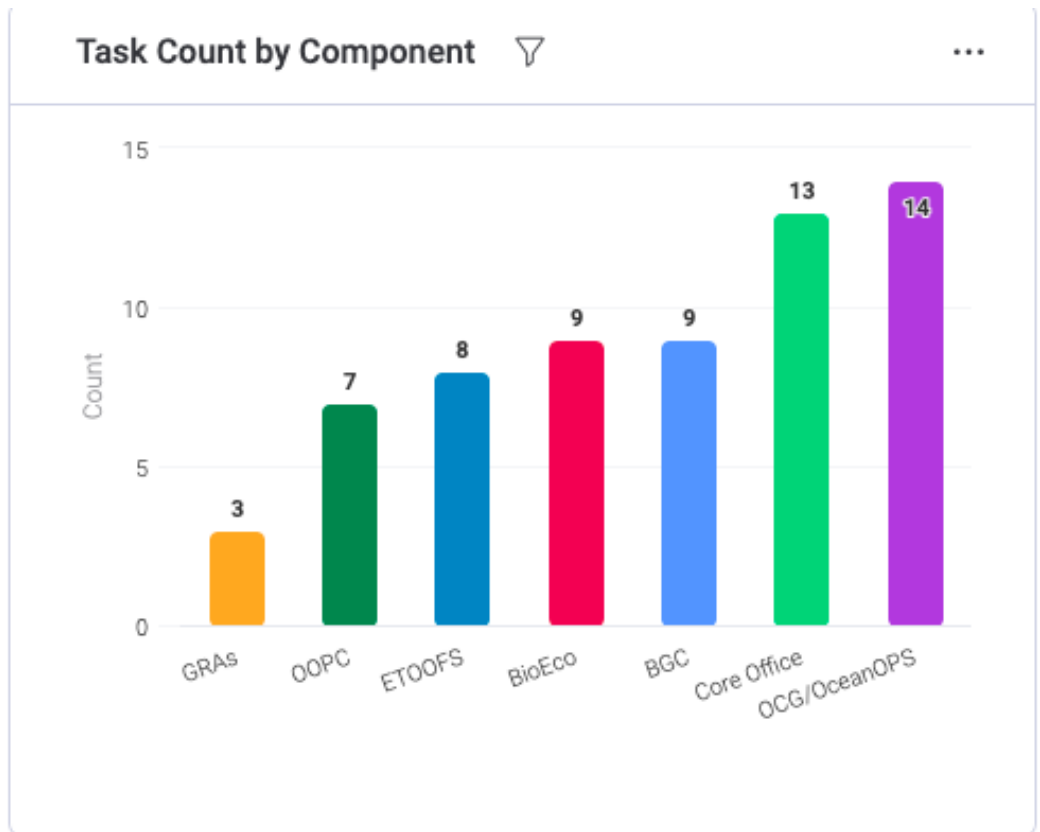
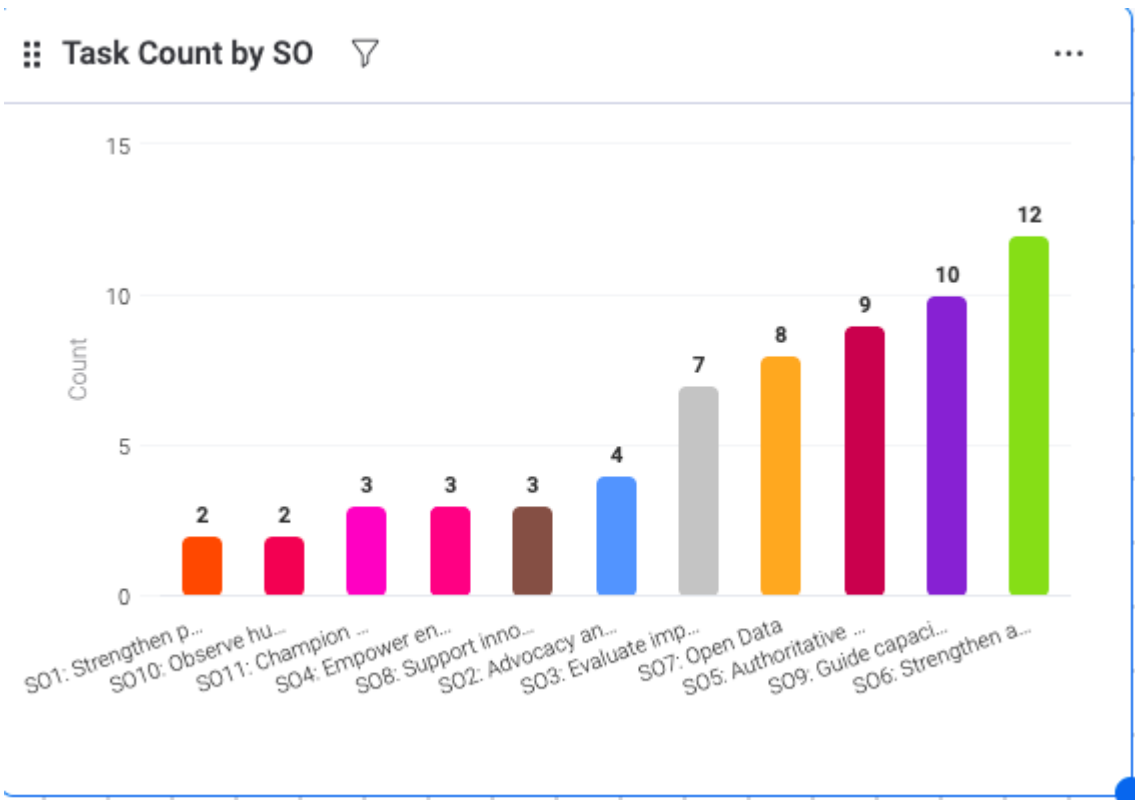


Figure 3: Actions by Strategic Objective and by components

The action status ('stuck') will aid work across-GOOS to identify issues, solutions and priorities.

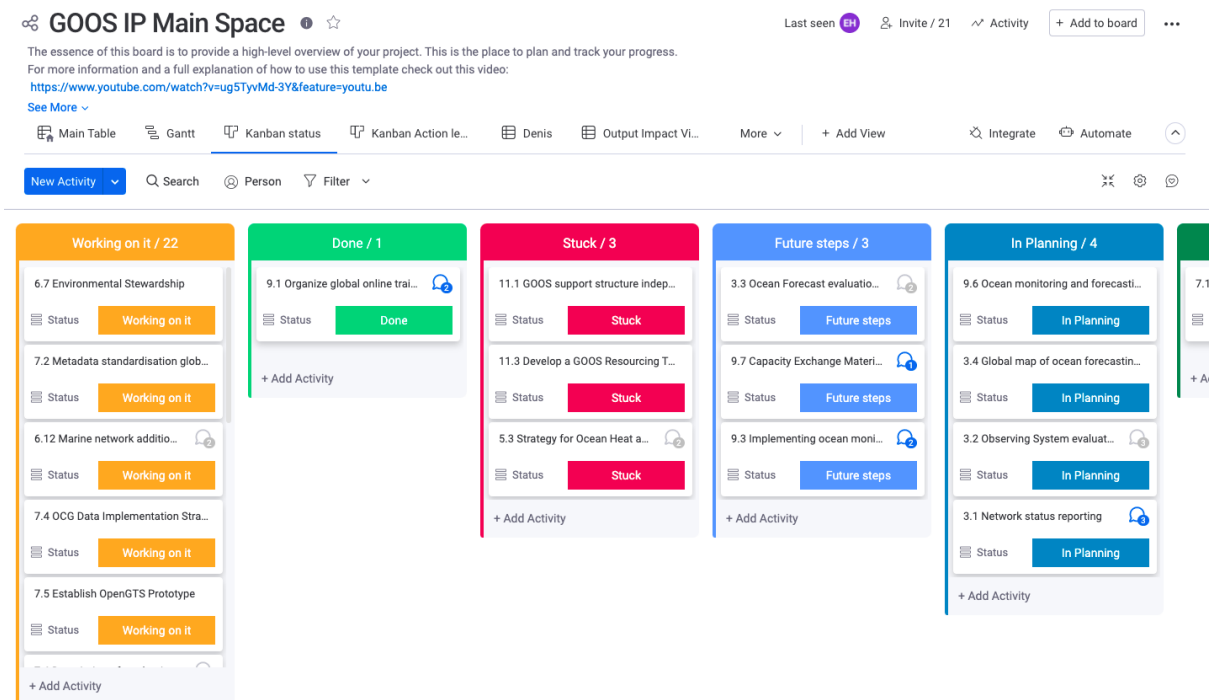


Figure 6. Actions by status in a 'Kanban' view, above is a screenshot sample. We are working on proving these views via an external link

In addition, GOOS components can view their own workload, through creating specific views [the fields could be made more detailed for the milestones to support GOOS component planning for work in which they are partners but not leading.]

3. Analysis

The Monday project management tool, combined with discussion across the GOOS Exec, will enable us to look at analysis along several lines.

Status of work towards Strategic Objectives

This can be looked at using the software in several ways. Looking at actions by status by objective will help us see if there are issues with any of the strategic objectives, and action timelines (with the milestones) by objective will provide information on the status of the completion of actions towards the Objective.

In addition an important piece of metadata that is captured is the anticipated 'impact' of the action. We can use this as a tool to give an indication of the Strategic Objective impacts vs target impact, as described in the Roadmap. This can aid internal discussions regarding 'gaps', the anticipated impact of GOOS actions, and potentially the role of partners.

Impacts

S06: Strengthen and expand observing system implementation		Impact
6.1 Implementation of multidisciplinary initiative VOICE	2	Enhanced ocean observing value chains in the ...
6.2 GOOS Endorsed Best Practices available across EOVS and platforms	1	harmonisation, data interoperability, efficiency, ...
6.3 Ocean Observations in EEZs	2	enabling increase in EOVS observations from EEZ
6.4 Emerging network integration	3	additional data streams available, strengthen o...
6.5 Develop and/or maintain an up to date referenced hardware directory	2	enabling high quality ocean measurements
6.6 Advancing BGC/BioEco observations across global networks	2	increase observing capacity and support ocean...
6.7 Environmental Stewardship	+	
6.8 Inter-comparison and standards	+	
6.9 Coordinate and expand surface ocean biogeochemistry observations	+	

Figure 7. Action impact spreadsheet.

4. Actions and next steps

The project management software Monday is essentially complete as a platform for supporting GOOS develop its implementation, we can refine it through use, however the aim is to use the platform across GOOS to support the more important tasks ahead.

See actions and next steps in 3 key areas:

- a) Resourcing
- b) Complete integration across GOOS - Decade Programmes and GOOS Projects
- c) GOOS Exec / cross GOOS implementation work

a) Resourcing

New resource

For the implementation actions, the resources tracked in the Monday project management tool are for new resource needs, they need revision with the Exec Team to review the resources documented and where they would be placed within the GOOS structure, across which actions, and whether they would be seconded (remote) or attached to one of the GOOS Offices.

Existing resource

Although over the last 2 years there has been some strengthening of resources, e.g. OceanOPS Managers position supported by WMO, GOOS Decade Programme Support and part time Comms support through COVID savings, plus ongoing European Project support (EuroSea, others) for BioEco, BGC Panel, OceanOPS and OBPS Project. The project funding is fragile and will come to an end and there are several weak points in or core components. This has been highlighted many times, but must be addressed.

Recognition

We need to recognise the support that is provided to the GOOS components, through funding or positions and hosting. This could be through annual reporting and acknowledgements of support on the goosoocean.org website.

GOOS Element	FTEs 2021	FTEs 2022	Funding source	Location	Note
GOOS coordination	2,65	3,10	IOC	Paris and remote	Albert away 5 months (down 0,5)
OOPC	1,00	1,00	NOAA	Geneva, Switzerland	plus G7?
BGC Panel	2,00	2,00	NSF, SCOR, EuroSea, IOC	Sopot, Poland	Fragile element, plus G7?
BioEco Panel	1,00	1,00	CSIRO, AIMS, EuroSea, IOC	Hobart, Australia	Fragile
IODE/OBIS	0,10	0,10	IOC	Oostende, Belgium	??
OCG	0,65	0,35	IOC, NOAA	Paris, Washington DC, USA	Needs additional
Networks	0,35	0,25	IOC, NOAA	Paris	Plus WMO, Geneva?
OceanOPS	6,00	7,00	WMO, USA, Japan, Australia, UK, EuroSea	Brest, France	WMO support staff
ETOOFS	0,25	0,20	IOC	Paris, France	
GRAs	0,25	0,20	IOC	Paris, France	
Decade Projects		1,40	IOC, NOAA, NASA	Remote	
Total	14,25	16,60			

Figure 8. Table of GOOS resources 2022. Needs revision, missing GOOS Projects, and WMO and G7 contributions. In addition we have no support available for some areas such as partners, and GOOS National Focal Points.

New actions and trends of note that will support resource work

- GOOS Communications Plan
- GOOS Philanthropic sector fundraising insight and plan
- Ocean Decade resource mobilisation and awareness raising
- Increasing awareness of fundamental role of ocean in climate and sustainable development
- Increase in downstream service excitement (creates pull) DITTO and UNEP GEMS

Next steps:

- Set baseline information; Review GOOS resources for components (ongoing minimum) and identify the weak points, revise the additional resource needs within the Implementation Plan, create an overview of resource needs against actions.
- Create an outward facing implementation/funding summary; that encompasses cross-GOOS needs, maybe a bulletin of the main 'headline' projects that need support RIGHT NOW for discussion with stakeholders, coupled with a document that shows here these fit in an overall implementation plan

b) Complete integration across GOOS - Decade Programmes and GOOS Projects

The Decade Programmes have taken time to structure and the Ocean Decade has also evolved its planning and 'shape', with the development of Decade Collaboration Centres and Decade Coordination Offices for example. The GOOS Projects now regularly report into the GOOS SC and should be seen as an integral part of the GOOS Implementation Plan.

Next steps:

- Include the Projects as actions, with funding needs
- Ask the Decade Programmes, now they are more developed, for an outline of main actions and funding needs next 3 years
- Finalise all impact and action revision, complete analysis for SC and GOOS Exec

c) Ongoing GOOS Exec / cross GOOS implementation work

The GOOS Exec, as the Implementation Planning TT, has essentially been meeting every few months to work the Monday project management platform for integration. The project management software is now ready to support GOOS components in working together to develop implementation across GOOS, as well as individually, to ask for assistance or support from other areas, discuss common work and/or where areas are stuck, undertake ad hoc analysis etc.

Next Steps

- GOOS Exec to meet on a quarterly basis to review actions, cross GOOS work, priorities, un-sticking actions, resource work,
- Suggest a review of Roadmap/IP in 2-3 years (2023-4) - one third of the way towards the 2030 Strategy

5. Questions for the SC

- What information does the SC want from Monday and how often to support its oversight role?
- As resource needs and communication tools are developed, what role will SC members play in transmitting this?
- Should we revise the GOOS Implementation Roadmap? Should we think about a process, with partners...?

6. Acknowledgements

I would like to express my deep thanks for the work and to the commitment from the GOOS components support and the leadership that have worked on understanding the project Management Software, embracing its possibilities, refining the actions, and generally being enthusiastic, despite this being new territory for GOOS. Deep thanks also to Forest who has worked to enable connection, understanding of the project software function and display and in supporting all to get going.

Implementation Plan Task Team: increased through the process!

Anya Waite, Toste Tanhua, Prof Karnawati, Pierre Bahurel, Kim Currie, Gabrielle Canonico, Nic Bax, Venkat, David Legler, Veronique Garcon, Sabrina, Speich, Weidong Yu, Belen Martin Miguez, Maciej Talzweski, Mathieu Belbeoch, Denis Chang-Seng