

SWPHC18

Goal 3 Gap Analysis

18th Meeting of the South West Pacific Hydrographic Commission



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Part 1 - SWPHC17 Action 11

Action 11: *UK and NZ to work with SPC and look into how the SWPHC should start addressing the challenges for implementing the SDGs of the UN Decade of Ocean Science for Sustainable Development*

Borne out of the observations that:

- Delivery of UN SDGs and UN Ocean Decade dependent on active engagement of the hydrographic community
- To date, Hydrographic Office involvement in preparatory efforts has been limited
- The Pacific region and by extension the SWPHC has a key part to play

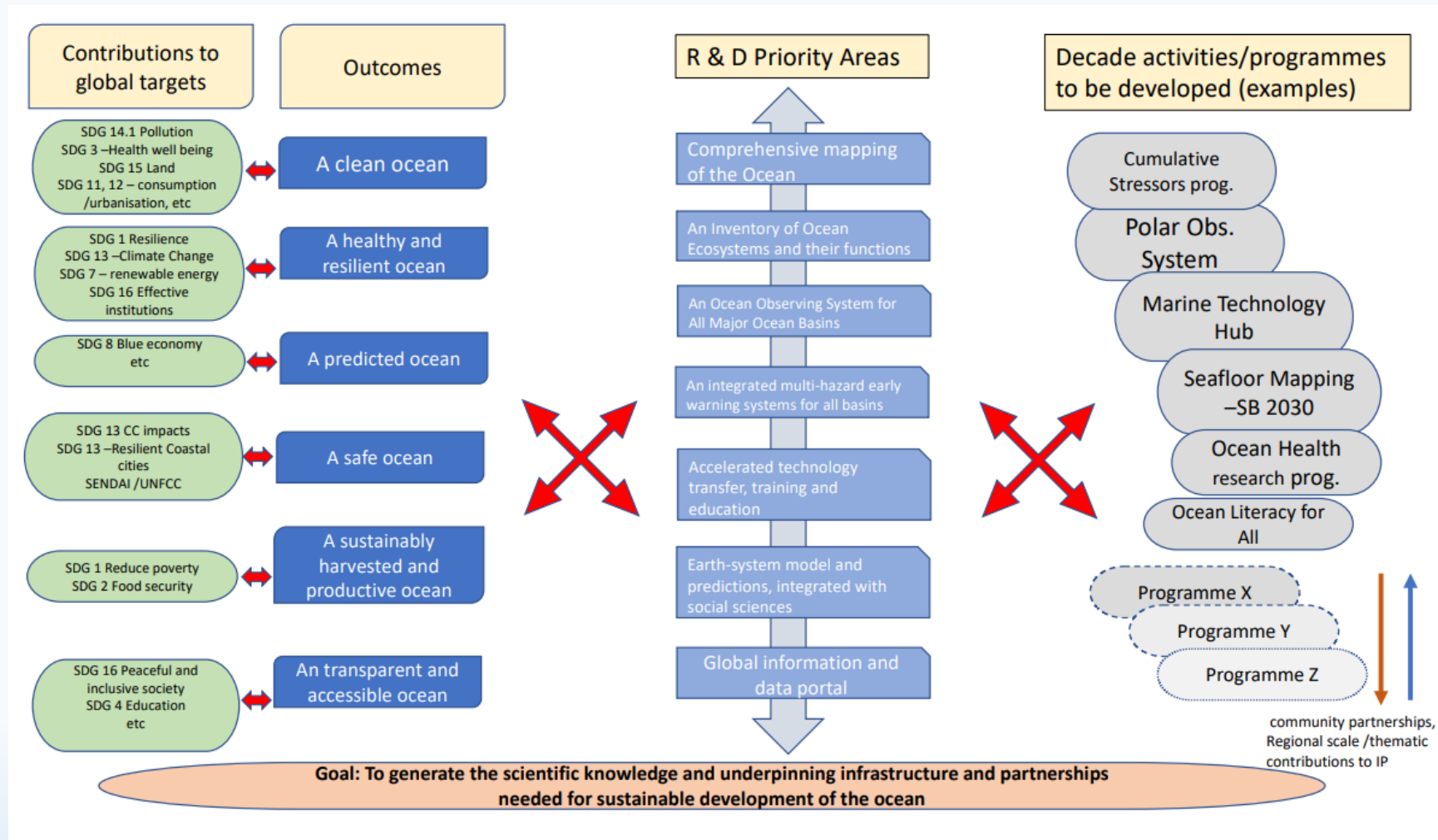


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UN Decade as a delivery Framework for the SDGs



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The United Nations
Decade of Ocean Science
for Sustainable Development
[2021-2030]



Ocean Decade Challenges



Understand and map land and sea-based sources of pollutants and contaminants and their potential impacts on human health and ocean ecosystems, and develop solutions to remove or mitigate them.



Understand the effects of multiple stressors on ocean ecosystems, and develop solutions to monitor, protect, manage and restore ecosystems and their biodiversity under changing environmental, social and climate conditions.



Generate knowledge, support innovation, and develop solutions to optimise the role of the ocean in sustainably feeding the world's population under changing environmental, social and climate conditions.



Generate knowledge, support innovation, and develop solutions for equitable and sustainable development of the ocean economy under changing environmental, social and climate conditions.



Enhance understanding of the ocean-climate nexus and generate knowledge and solutions to mitigate, adapt and build resilience to the effects of climate change across all geographies and at all scales, and to improve services including predictions for the ocean, climate and weather.



Enhance multi-hazard early warning services for all geophysical, ecological, biological, weather, climate and anthropogenic related ocean and coastal hazards, and mainstream community preparedness and resilience.



Ensure a sustainable ocean observing system across all ocean basins that delivers accessible, timely, and actionable data and information to all users.



Through multi-stakeholder collaboration, develop a comprehensive digital representation of the ocean, including a dynamic ocean map, which provides free and open access for exploring, discovering, and visualizing past, current, and future ocean conditions in a manner relevant to diverse stakeholders.



Ensure comprehensive capacity development and equitable access to data, information, knowledge and technology across all aspects of ocean science and for all stakeholders.



Ensure that the multiple values and services of the ocean for human wellbeing, culture, and sustainable development are widely understood, and identify and overcome barriers to behaviour change required for a step change in humanity's relationship with the ocean.

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<https://oceanexpert.org/document/27348>

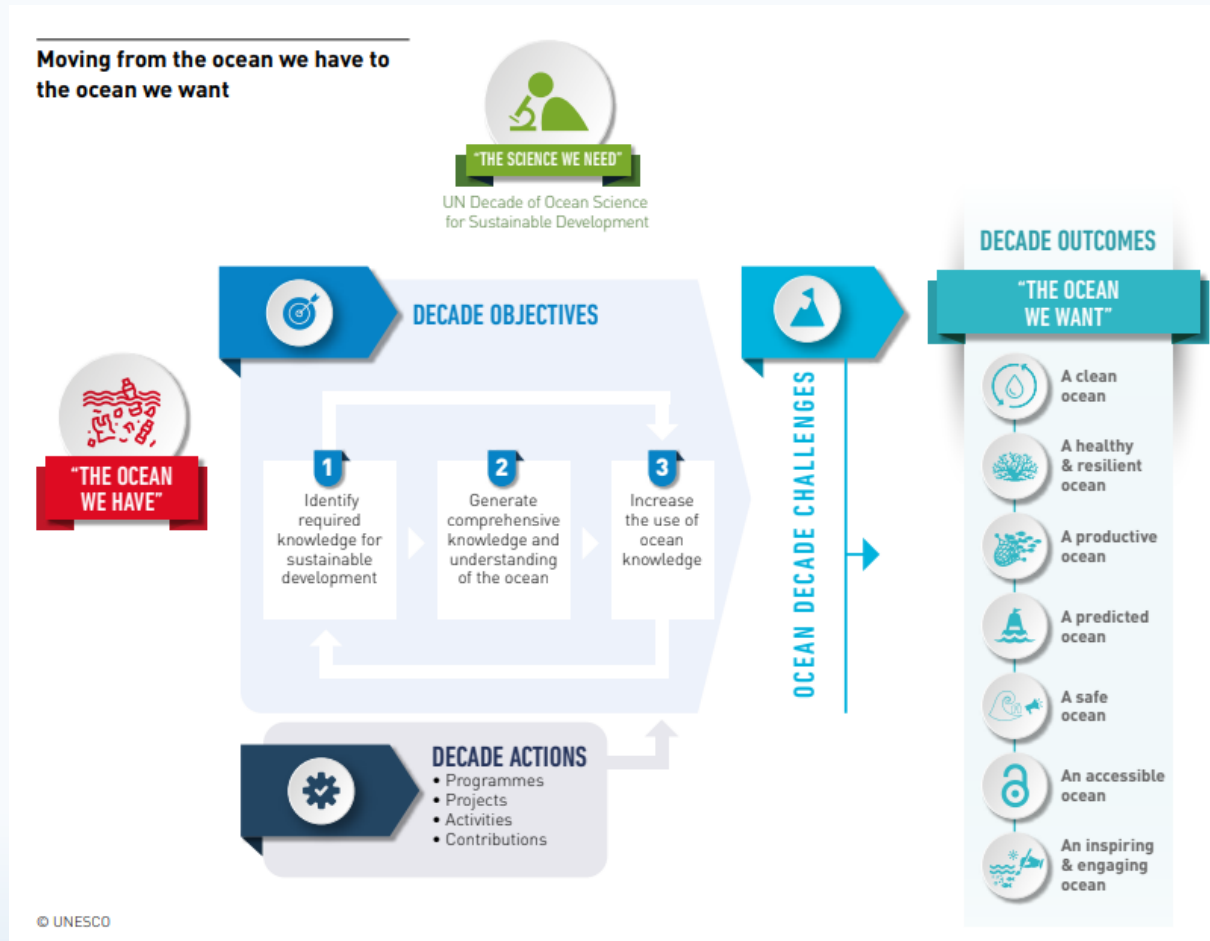


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UN Decade as a delivery Framework for the SDGs



Decade Actions

Programme

- Regional or Global
- One or more Ocean Decade
- Challenges
- Long term
- Interdisciplinary

Project

- Discrete and focused
- Regional , National or sub-national

Activity

- One of standalone initiative

Contribution

- supporting contribution e.g. funding or resource



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Part 2 - Goal 3 Gap Analysis

Goal	Targets	SPIs	
Goal 3: Participating actively in international initiatives related to the knowledge and the sustainable use of the Ocean	Collaborate with other bodies who deliver capacity-building and training to improve effectiveness of capacity-building activities and programmes	3.1	Percentage of Coastal States that are capable to provide marine safety information (MSI) according to the joint IMO/IHO/WMO manual on MSI (2026: 90%)
		3.2	Percentage of Coastal States that are able to provide marine safety information (MSI) according to the joint IMO/IHO/WMO manual on MSI (2026: 90%)
	Improve knowledge of the world's seafloors	3.3	Number of contributors to DCDB who are not hydrographic offices
		3.4	Percentage of total sea area that is Seabed 2030 compliant for incorporation into the GEBCO dataset and services
	Implement a comprehensive IHO digital communication strategy in order to enhance its visibility and accessibility to its work	3.5	Number of visits, likes, re-postings, etc. associated with the IHO social media sites
		3.6	Volume downloaded from the IHO website and Geographical Information System (GIS)



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Observations on gap analysis returns received

Returns received from:

- Australia
- France
- New Zealand
- Samoa
- UK
- United States of America
- Cook Islands
- Marshal Islands

Observations:

- Different approaches taken
- Most very specific to national challenges
- Apparent gaps in info needed to inform meeting goal 3
- Goal 3 supports delivery of Goal 2



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Summary of gaps and actions

Gaps	Actions
Consistency of MSI proficiency	<ul style="list-style-type: none"> - Strengthen MSI training offering and associated governance
Lack coordinated approach and visibility to international initiatives	<ul style="list-style-type: none"> - Map international Ocean Affairs landscape - Identify associated value chains - Be present at key events e.g. MDB annual meetings
Clear linkages between SWPHC work Plan/CB plan and UN Decade	<ul style="list-style-type: none"> - Develop ideas and associated plan for submission of Decade Actions and representation
Visibility in Ocean Science/policy making domain	<ul style="list-style-type: none"> - Build evidence base to support bids/inclusion in initiatives - Clear policy briefs on critical issues
Communications and outreach	<ul style="list-style-type: none"> - Develop Comms Plan



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Considerations for Next Steps

The Following Considerations are offered:

- Do we have all the SPIs we need for the region?
- Do we need to combine Goal 2 and 3 in our analysis of gaps and associate actions?
- To what extent can we use the CB fund for catalytic activity for the region?
- Should we develop a theory of change model to support the SWPHC work plan?



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