

Ocean Decade – Arctic Action Plan

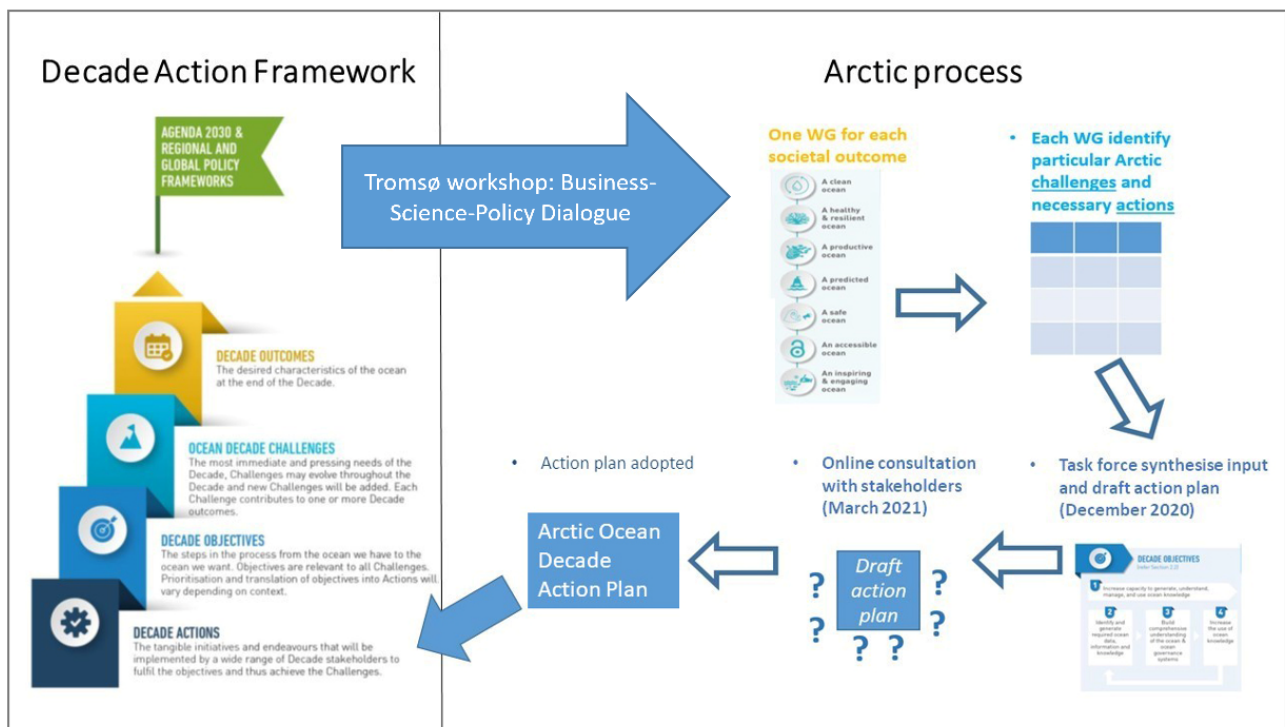
ANNEX A

The Arctic Action Plan development process



Based on the recommendations in the global Ocean Decade implementation plan and with support from IOC UNESCO, the Arctic Action Plan was developed following input from a series of workshops with simultaneous working groups dedicated to each of the desired societal outcomes of the Ocean Decade. At the workshops Arctic challenges for reaching the societal outcomes were identified and potential actions proposed. Each working group was chaired by key experts from academia, governance and industry, with working group participation open to all interested parties to ensure the broadest representation. The process involved >300 participants in total from businesses, science, governments, NGOs and the broader public.

Based on the working group input and discussions with working group chairs and the Task Force, the Danish Centre for Marine Research (DCMR) developed the first draft which was submitted for public review in March 2021 and presented during an open online consultation (16th March). To advance even broader representation and diversity of perspectives, a number of organisations were contacted directly, including scientific organisations, Indigenous peoples representative organisations, industry NGO's and management.



Following the consultation, the Danish Centre for Marine Research drafted the final version in collaboration with the Task Force before final submission to IOC UNESCO in May 2021.

Working group input mapped to barriers and challenges in the final plan

Themes	Challenges	Barriers							WG							SHORT TERM	LONG TERM
		1-Connectivity	2-Saferey	3-Value	4-Managed	5-Supported	1-Clean	2-Resiliant	3-Productive	4-Predicted	5-Safe	6-Accessible	7-Engaging				
Research challenges																	
	1) Mapping natural capital geo- and biodiv.			X	X	X					X						X
	2) Map the present and future value			X	X	X					X						X
	3) Identify risks to human health		X		X	X					X						X
Understand	4) Ocean-climate nexus / ecosystem dynamics			X	X	X				X							X
	5) Anthropogenic pressures			X	X	X			X								X
Observe	6) Integrated observation		X	X	X	X			X								X
Predict	7) Develop a portfolio of predictive tools		X		X	X			X								X
Collaborative challenges																	
	1) Connecting the Arctic	X									X						X
	2) Co funded programmes				X	X					X						X
	3) Collaboration and coordination	X	X	X	X	X			X								X
	4) Data sharing	X	X	X	X	X			X								X
	5) Co-design of actions	X	X	X	X	X			X								X
	6) Awareness and ocean literacy			X	X	X			X								X
	7) Technology	X									X						X
Uptake challenges																	
	1) Developing safe navigation	X	X								X						X
	2) Developing SAR and OSR	X	X		X	X					X						X
	3) Managing / responding to risks and disasters				X	X					X						X
	4) Integrated management				X	X					X						X
	5) Managing vulnerable habitats				X	X					X						X
	6) Enforcement										X						X
	7) CSR programme										X						X

www.oceandecade.dk/decade-actions

*Danish
Center for
Marine Research*



2021 United Nations Decade
2030 of Ocean Science
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