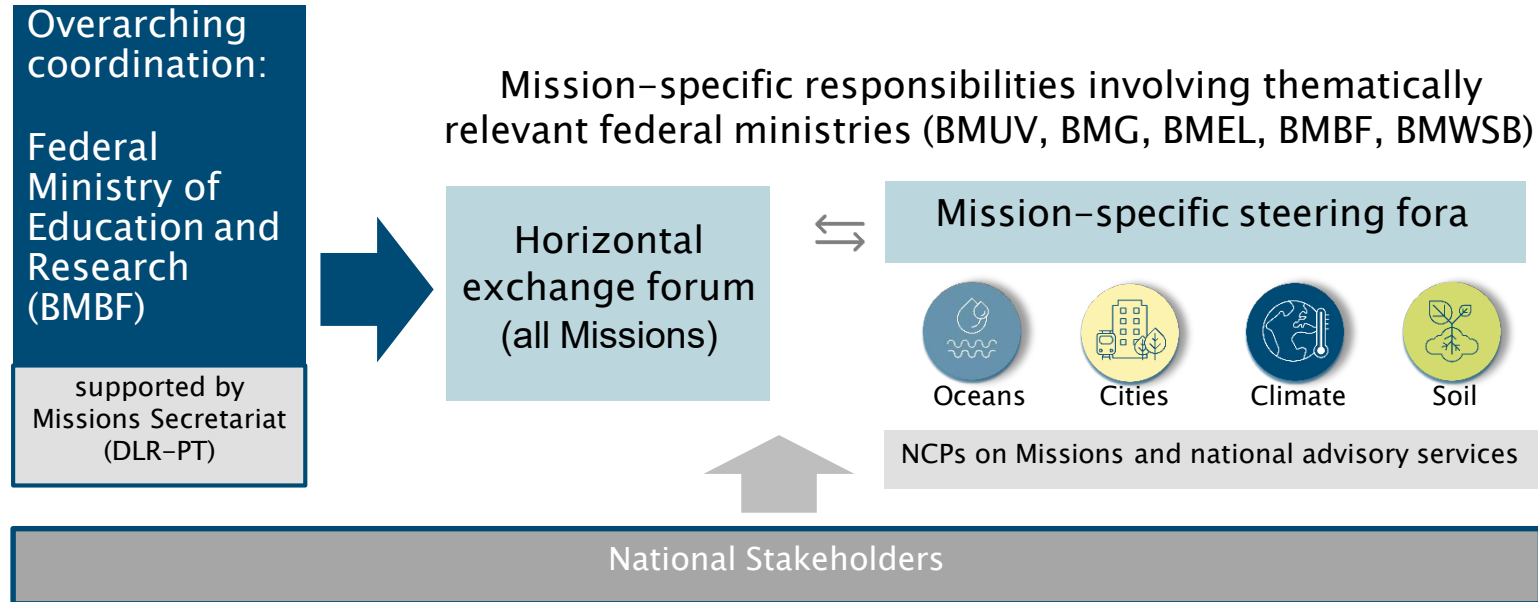




## EU-MISSION „RESTORE OUR OCEAN AND WATERS“ – THE GERMAN PERSPECTIVE

Caren Krüger, Project Management Juelich (PtJ), 17th Nov. 2022



\*) Mission Cancer is settled within the structures of the National Decade Against Cancer

## Climate



Lead 1st halftime:  
 Federal Ministry of  
 Education and  
 Research (BMBF)

Lead 2nd halftime:  
 Federal Ministry for  
 the Environment  
 and Consumer  
 Protection (BMUV)

## Cancer\*



Lead:  
 Federal Ministry of  
 Education and  
 Research (BMBF)

Co-Chair:  
 Federal Ministry of  
 Health (BMG\*)

## Ocean



Lead:  
 Federal Ministry for  
 the Environment  
 and Consumer  
 Protection (BMUV)

Co-Chair:  
 Federal Ministry of  
 Education and  
 Research (BMBF)

## Cities



Lead:  
 Federal Ministry of  
 Housing, Urban  
 Development and  
 Construction  
 (BMWSB)

Co-Chair:  
 Federal Ministry of  
 Education and  
 Research (BMBF)

## Soil

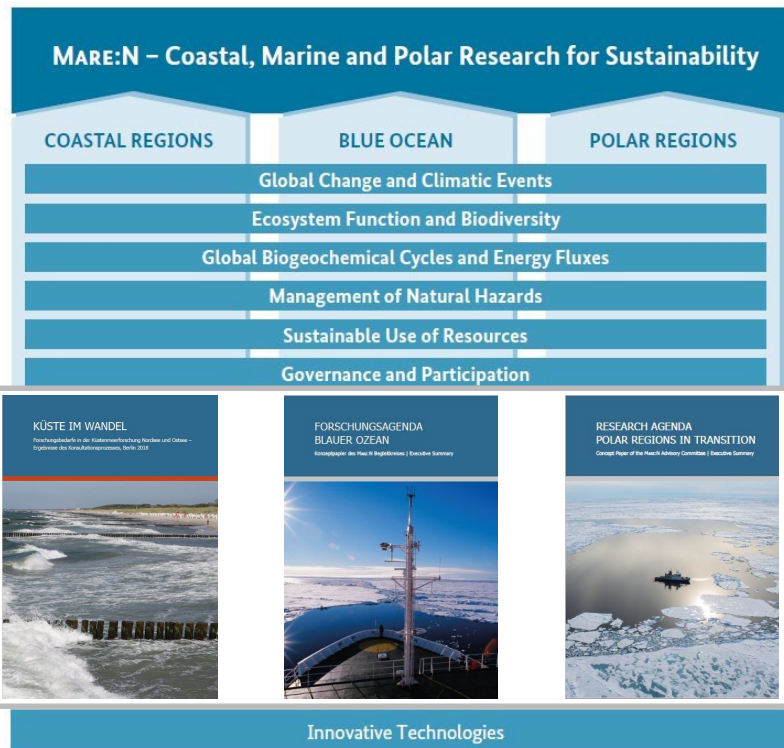
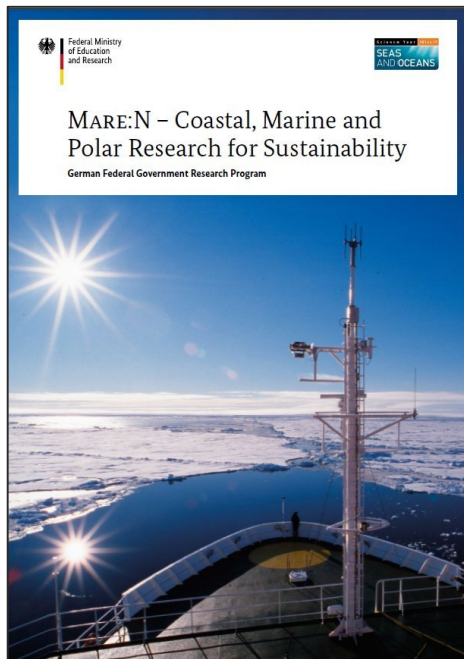


Lead:  
 Federal Ministry of  
 Food and  
 Agriculture  
 (BMEL)

Co-Chair:  
 Federal Ministry of  
 Education and  
 Research (BMBF)

\* ) Own structures in the  
 framework of the  
 National Decade against  
 Cancer

- › Collection of national contribution to the Mission Lighthouse Atlantic/ Arctic (forwarded to EC in May 2022)
- › August 2022: start of national Roadmap-process: request for contribution to the Mission Ocean & Waters from different ministries (federal level)
- › 27th Sept. 2022: Roundtable with EC: Exchange of information on the implementation activities of all missions
- › Outlook:
  - › 19th January 2023: „Sustainable Blue Economy Partnership (SBEP)“ Regional Workshop Baltic Sea and North Sea, Berlin
  - › April 2023: Mission Ocean & Waters high-level event Baltic Sea and North Sea Lighthouse



# MARE:N – PROJECT FUNDING

	2017	2018	2019	2020	2021	2022	2023	2024
Coastal Research	KüNO I+II (17,0 Mio. €)				KüNo III (10,5 Mio. €)			
	KFKI (coastal engineering, annual budget 1 Mio. €)							
Marine Research		MARE:N upwelling systems (8,5 Mio. €)						
	RACE (11,1 Mio. €)							
					MARE:N ocean carbon sink (8,3 Mio. €)			
	BIOACID (21,5 Mio. €)					3. Mare:N call		
	Research at FS SONNE (ca. 4 Mio. €/Jahr)							
Polar Research	arctic and antarctic research (7,6 Mio. €)				1. Mare:N call			
	MOSAiC data evaluation (9 Mio. €)							
DAM research missions					Fishing Impact at MPAS (6,1 Mio. €)			
					Underway Data (1,6 Mio. €)			
					Decarbonisation Pathways (25,7 Mio. €)			
					Protection and Use of the Oceans (19 Mio. €)			
					3. DAM call			

Substantial investments  
 in R&I projects

**Mission-oriented approach** (inter- and transdisciplinary work and the development of concrete recommendations for action is mandatory)

2 Missions with an amount of >50 Mio. € already started, financed by BMBF:

- „Marine carbon sinks in decarbonisation pathways“ (**CDRmare**): The research mission CDRmare will investigate whether and to what extent the ocean can play a significant role in the removal and storage of CO<sub>2</sub> from the atmosphere. <https://cdrmare.de/en/>
- > „Protection and sustainable use of marine areas“ (**sustainMare**): The mission will further develop potential future scenarios in the face of climate change, especially in terms of the future management options dealing with and developing mitigation strategies in an adaptive and integrative management framework. <https://www.sustainmare.de/>

3rd Mission in preparation: „Marine extreme events and natural hazards“

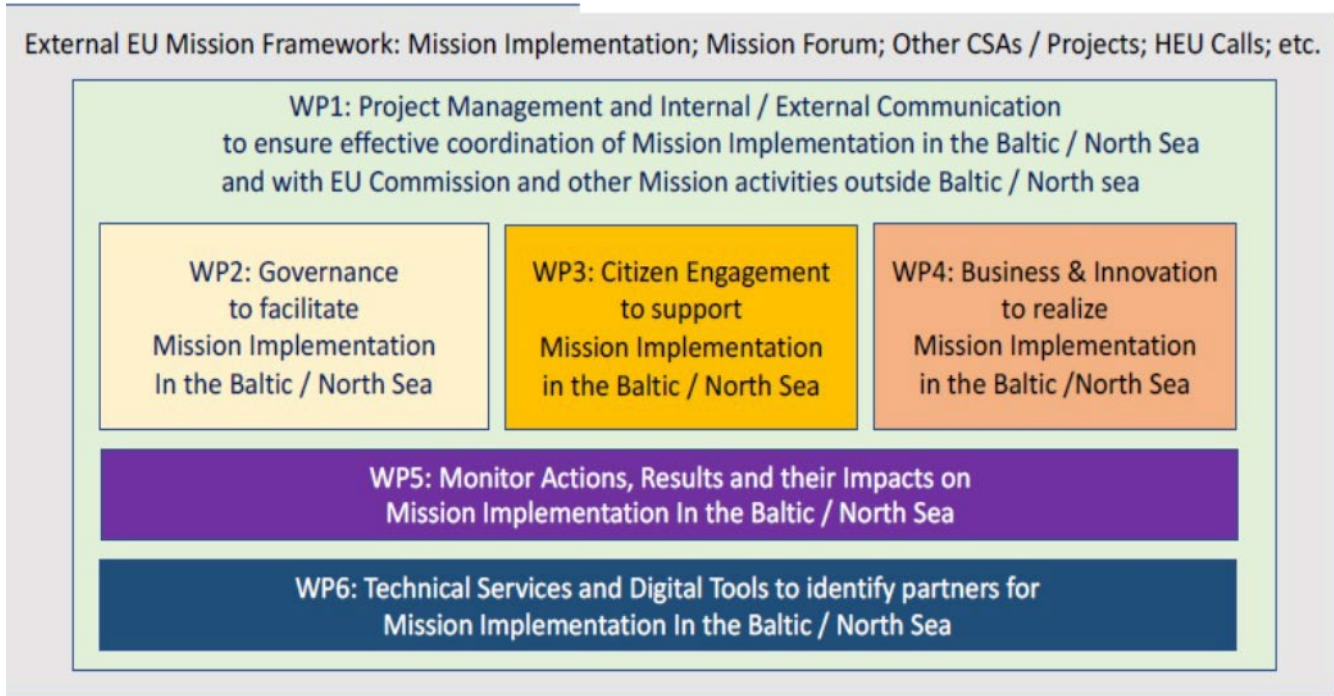
Duration: 1st phase: 3 years (2021-2024), 11 projects and 2 pilot measures on the exclusion of mobile bottom-contact fishing in marine protected areas of the German EEZ in the North Sea and in the Baltic Sea

- › **Project title:** BLUE MISSION BANOS – SUPPORTING THE MISSION OCEAN LIGHTHOUSE IN THE BALTIC AND NORTH SEA BASINS
- › **Duration:** 01.12.2022-30.11.2025 (36 months)
- › **Budget (acc. to application):** ~ 3 Mio. €
- › The **overarching objective** of BlueMissionBANOS is to inspire, engage and support all relevant stakeholders across the BANOS area to take the necessary actions to make the Blue Economy carbon-neutral and circular by 2030, whilst eliminating pollution and restoring ecosystems and biodiversity of the Baltic and North Sea.

## Partner:

1. (Coordinator) SUBMARINER Network for Blue Growth EEIG, DE
2. Project Management Juelich, DE
3. VLIZ, BE
4. Syddansk Universitet, DK
5. DE BLAUWE CLUSTER, BE
6. University of Tartu, EE
7. National Center for Research and Development of Poland, PL
8. Technical University of Denmark, DK
9. Ifremer, FR
10. Geological Survey Finland, FI
11. SINTEF, NO
12. Latvian Institute for Aquatic Ecology, LV
13. International Council for the Exploration of the Sea (ICES), DK
14. Institute of Oceanology Polish Academy of Science (IO PAN), PL
15. IVL Swedish Environmental Research Institute, SE
16. Deltares, NL
17. RVO, NL





Time-Table Work plan	Project Timing																																									
	Period 1 2023						Period 2 2023						Period 3 2024						Period 4 2024						Period 5 2025						Period 6 2025											
WP/Task	CM	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12					
PM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36						
<b>1</b>	<b>Project Management, Communication, Dissemination &amp; Exploitation</b>																																									
1.1	Administrative Project Management and Reporting																																									
1.2	Internal Coordination and Communication (with 6 physical partner meetings)																																									
1.3	Stakeholder Mapping / Communication Strategy												Implementation of Communication Strategy																													
1.4	Knowledge & Data Management																																									
1.5	Liaison & synchronisation with upper level																																									
	BMB Outreach																																									
	<b>Mission Governance</b>																																									
2.1.	Train the Moderators																																									
2.2	Liaison across Baltic & North Sea Lighthouse scale (Governance Reference Group)																																									
2.3.	Map & analysis of governance structures in Baltic & North Sea																																									
2.4.	Foresight Exercise to co-develop Policy Action Plans																																									
2.5.	Activities to contribute to coherence & alignment of policies, initiatives and actors at national & regional scale																																									
<b>3</b>	<b>Citizen Engagement</b>																																									
3.1	Map existing Public Engagement Actors & Initiatives																																									
3.2	Develop guidelines, tools and blueprints aimed at citizen engagement																																									
3.3	Learn from and contribute to local initiatives																																									
<b>4</b>	<b>Business &amp; Innovation</b>																																									
4.1	Framework & Planning for 5 Business Development Regions																																									
4.2	Co-create and organise piloting demonstrations in systems with engaged actors																																									
4.3	Foster development of the innovation ecosystem to accelerate Mission achievement																																									
<b>5</b>	<b>Mission Monitoring</b>																																									
5.1	Baseline studies																																									
5.2	Formulate and validate Key Performance Indicators																																									
5.3	Data collection, including requirements of MIP																																									
5.4	Recommendations and sea basin's knowledge exchange																																									
<b>6</b>	<b>Projects &amp; Technical Service Mapping &amp; Provision</b>																																									

Stakeholder Assemblies

Oct'23  
DK,SE

Oct' 24  
BE /NL

Oct' 25  
FI/Balt



Contact: Careen Krüger, [c.krueger@fz-juelich.de](mailto:c.krueger@fz-juelich.de)

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