



Federal Ministry  
of Education  
and Research

# Baltic Sea Region Webinar: The engagement of citizens, science and business for EU Mission for Ocean and waters – Examples from Germany

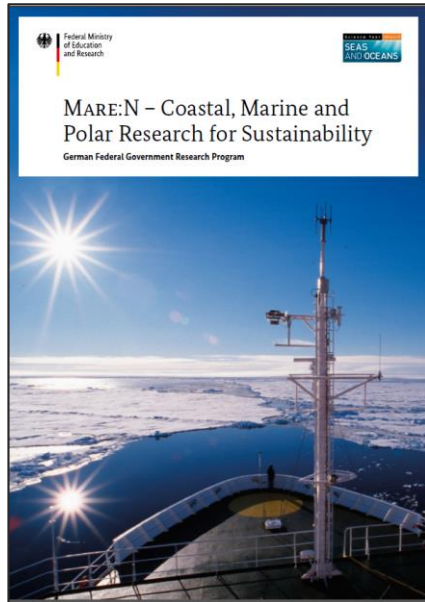
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[bmbf.de](https://www.bmbf.de)



# German Examples – Science

## MARE:N – DIVISION 724 (Federal Research Program, updated 2020)



Main marine research organisations:

- ✓ GEOMAR Helmholtz Centre for Ocean Research  
Kiel
- ✓ Alfred-Wegener-Institute (AWI) Helmholtz  
Centre for Polar and Marine Research
- ✓ Helmholtz-Zentrum Hereon
- ✓ Leibniz Centre for Tropical Marine Research  
(ZMT)
- ✓ Leibniz Institute for Baltic Sea Research
- ✓ Universities Kiel, Hamburg, Bremen, Oldenburg,  
Rostock



# German Examples – Science

## Contributions by the German marine research community – German Marine Research Alliance

- 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)
  - „Protection and sustainable use of marine areas“ (sustainMare)
- 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



# German Examples – Citizen Engagement

## > Plastic Pirates go Europe:

- > Citizen Science project, funded under Horizon Europe, Mission Ocean & Waters and started as a German initiative in 2016, funded by BMBF
- > The sampling campaign is intended to raise awareness throughout Europe for the importance of rivers as common lifelines, as well as for protecting our natural resources.
- > <https://www.plastic-pirates.eu/en>



## > G7 Citizen Science: Sailing for Oxygen:

- > Follow-up activity of the German G7 presidency 2022, funded by BMBF
- > Within the network, sailors and recreational boats in the southern Baltic Sea will work together to obtain important data on the state of the water column in the low-oxygen areas of the Baltic Sea. (expected project start: April 2023)



# German Examples – Business & Innovation

- > Maritime Research Programme (Federal Ministry for Economic Affairs and Climate Action (BMWK))
  - > Aim: to strengthen the innovation capacities of the maritime industry in international competition, to secure and expand important jobs and at the same time to promote climate and environmental protection.
  - > Four thematic pillars:
    - > MARITIME.green - Environmentally friendly maritime technologies
    - > MARITIME.smart - Maritime digitalisation and smart technologies
    - > MARITIME.safe - Maritime safety and security
    - > MARITIME.value - Maritime resources





# German Examples – Business & Innovation

## Regional example: Ocean Technology Campus

- > The Ocean Technology Campus (OTC), located in Rostock, is a future cluster with a focus on the sustainable, economic and ecological use of the oceans.
- > Mission: to position the Ocean Technology Campus as an international leading center for underwater technology and the sustainable use of the oceans.
- > Funded by the BMBF with 15 Mio. €
- > <https://www.otc-rostock.com/en/>

