



MEERWISSEN
African-German Partners
for Ocean Knowledge

On behalf of



Federal Ministry
for Economic Cooperation
and Development

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Case Study: The MeerWissen Initiative

Gunnar Finke

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
and Secretariat MeerWissen Initiative

UNFCCC Ocean and Climate Change Dialoge
June 2024

Improving the conditions for knowledge- and science-based policy-making for the conservation and sustainable use of the ocean in selected African countries by ...



...strengthening capacities in marine research and building knowledge through African-German partnership projects



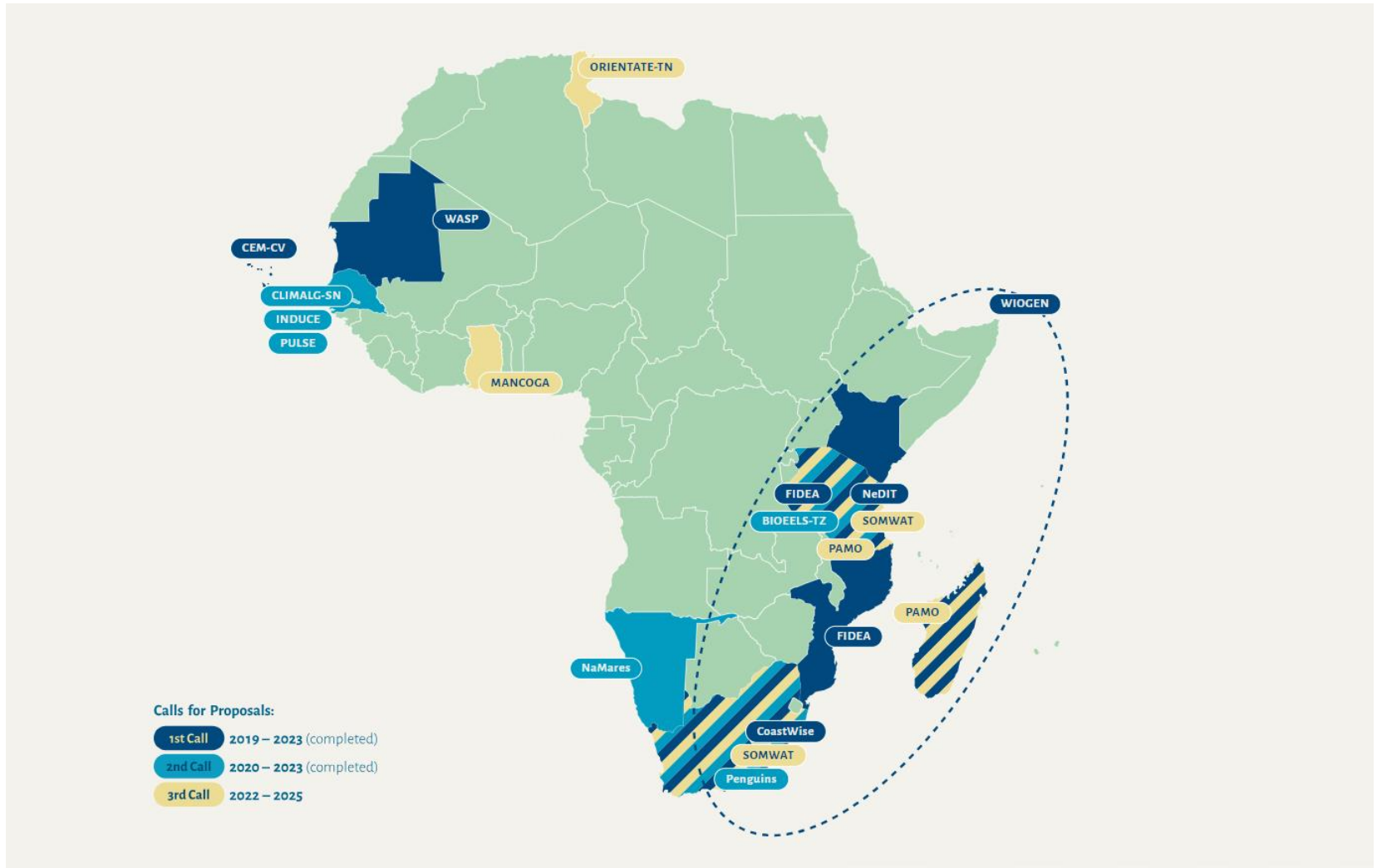
...stimulating the dialogue and knowledge transfer between marine researchers and policy-makers



...fostering digital solutions, innovation and the use of new technologies

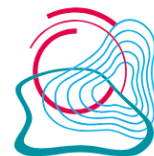
APPROACH: STRONG PARTNERSHIPS AND CO-DESIGN

Partnership projects



Project example: MANCOGA

- MANCOGA: **Mangroves as Nature-based Solutions to Coastal Hazards**
- Ghana
- Partners: University of Ghana & Helmholtz-Zentrum Hereon
- Duration: 2022 – 2025
- **Overarching Objective:** Enhance community resilience and affluence
- Use of **Digital Twin** adapted to the conditions along Ghana's eastern coast, enabling the exploration of What/If scenarios



Helmholtz-Zentrum
hereon



**UNIVERSITY
OF GHANA**

Lessons learned

- Co-Design most prominent success factor → it's a process!
- Dedicated co-design phase as new approach to research projects
- Alignment of research partnerships with international policy frameworks (e.g. Paris Agreement, Global Biodiversity Framework) important for science-policy uptake
- Strong involvement of local communities for inclusive projects





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Thank you for your attention!

MeerWissen

www.meerwissen.org

In collaboration with



2021 United Nations Decade
of Ocean Science
2030 for Sustainable Development