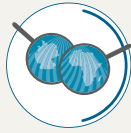


FROM SCIENCE TO POLICY AND SOCIETY

African-German Research Partnerships for Ocean Knowledge, Capacity and Sustainable Development

MeerWissen supports partnership projects between African and German research institutions based on the idea of a co-design process that harnesses the power of science and collaboration. This initiative aims at improving the conditions for knowledge- and science-based policy-making for the conservation and sustainable use of Africa's oceans and coasts by ...



strengthening the capabilities of African partners in marine research and building knowledge.



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



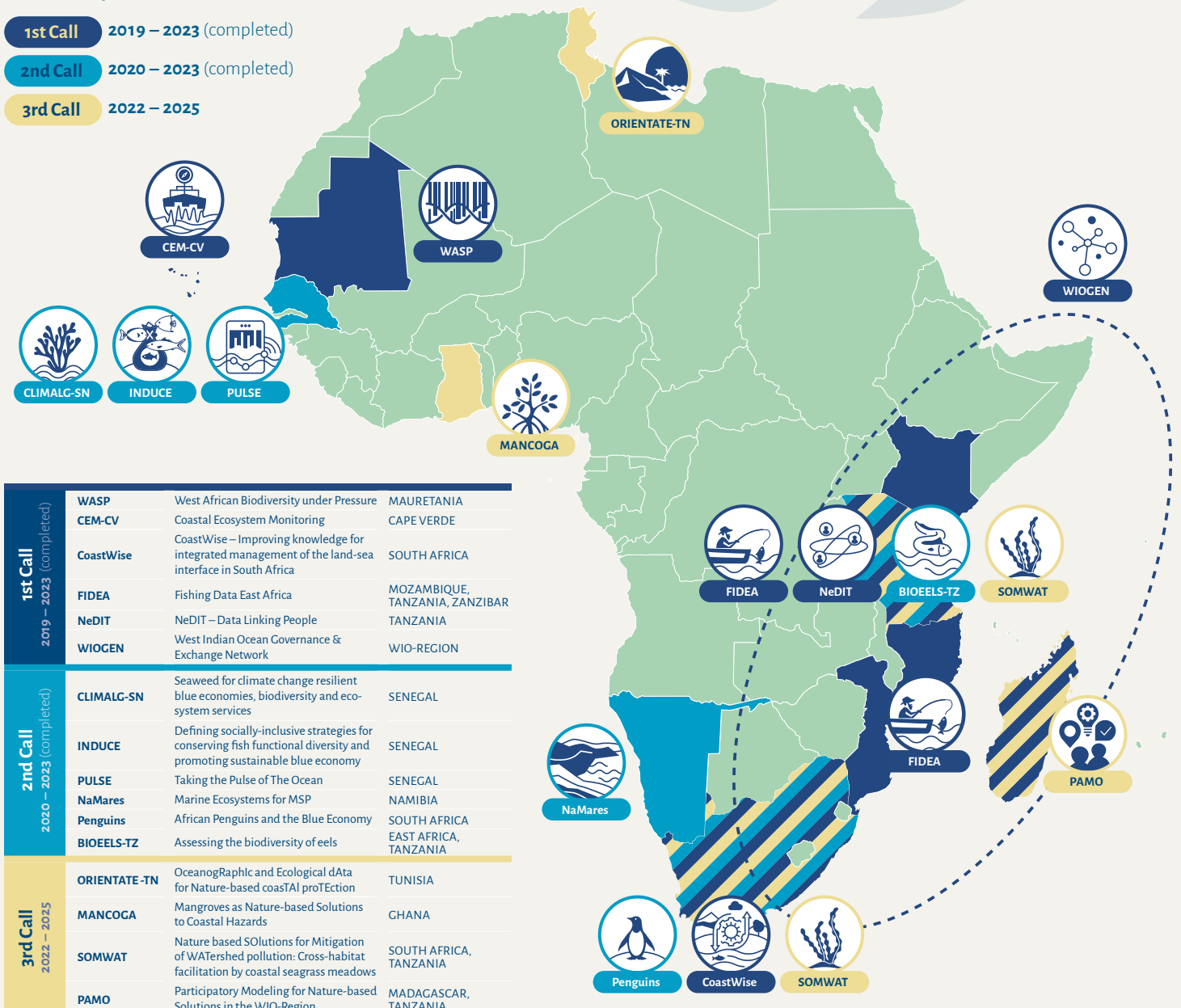
fostering digital solutions, innovation and the use of new technologies.

Calls for Proposals:

1st Call 2019 – 2023 (completed)

2nd Call 2020 – 2023 (completed)

3rd Call 2022 – 2025



Call	Project	Description	Location
1st Call 2019 – 2023 (completed)	WASP	West African Biodiversity under Pressure	MAURETANIA
	CEM-CV	Coastal Ecosystem Monitoring	CAPE VERDE
	CoastWise	CoastWise – Improving knowledge for integrated management of the land-sea interface in South Africa	SOUTH AFRICA
	FIDEA	Fishing Data East Africa	MOZAMBIQUE, TANZANIA, ZANZIBAR
	NeDIT	NeDIT – Data Linking People	TANZANIA
	WIOGEN	West Indian Ocean Governance & Exchange Network	WIO-REGION
2nd Call 2020 – 2023 (completed)	CLIMALG-SN	Seaweed for climate change resilient blue economies, biodiversity and ecosystem services	SENEGAL
	INDUCE	Defining socially-inclusive strategies for conserving fish functional diversity and promoting sustainable blue economy	SENEGAL
	PULSE	Taking the Pulse of The Ocean	SENEGAL
	NaMares	Marine Ecosystems for MSP	NAMIBIA
	Penguins	African Penguins and the Blue Economy	SOUTH AFRICA, EAST AFRICA, TANZANIA
	BIOEELS-TZ	Assessing the biodiversity of eels	SENEGAL
3rd Call 2022 – 2025	ORIENTATE-TN	Oceanographic and Ecological data for Nature-based coastal protection	TUNISIA
	MANCOGA	Mangroves as Nature-based Solutions to Coastal Hazards	GHANA
	SOMWAT	Nature based SOLUTIONS for Mitigation of WATershed pollution: Cross-habitat facilitation by coastal seagrass meadows	SOUTH AFRICA, TANZANIA
	PAMO	Participatory Modeling for Nature-based Solutions in the WIO-Region	MADAGASCAR, TANZANIA

PLANNING & CONDUCTING CO-DESIGN

The co-design phase for the MeerWissen projects has two dimensions: It aims to build/support a partnership (of equals) among researchers for the implementation of a project, and orient the project towards the needs of local actors by engaging them. Researchers and non-academic stakeholders jointly develop a “partnership project”.



PART 1

Joint vision and common understanding



PART 2

Stakeholder engagement



PART 3

Project- and partnership management



PART 4

Sustainability

OUTPUTS & IMPACTS OF MEERWISSEN PROJECTS*



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CAPACITY DEVELOPMENT

Activities concerned with strengthening the capacity of scientists, policy-makers and local communities through stakeholder workshops, trainings, and scientific conferences.

255 Trainings

155 Science-policy-society events

37 Scientific conferences & workshops

10,000+ Participants

46% Local community involvement

Example: Community-based ecosystem monitoring in Cabo Verde

The project Coastal Ecosystem Monitoring (CEM-CV) facilitated courses to teach local scientists, technicians and students how to apply acoustic technologies for the assessment of fish and zooplankton biomass in coastal waters. It furthermore developed an online application to collect and integrate comparable data on ecosystem goods and services from aquatic and terrestrial habitats. This tool was used to train local communities in data collection methods via a smartphone app.



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SCIENCE-POLICY TRANSFER

Science-policy networks, collaborations and platforms, published policy briefs, science-policy conferences.

155 Science-policy-society events

23 Science-policy networks, collaborations & platforms

4 Policy briefs

Example: Joint taskforce for uptake of fisheries data in East Africa

The project Fishing Data East Africa (FIDEA) has achieved significant impact on policy making through the establishment of a new political platform. FIDEA established a joint taskforce for the exchange of fisheries data and information between researchers and the National Ministry of Livestock and Fisheries in Tanzania. It thereby successfully linked policy makers and fisheries researchers. FIDEA provided the opportunity for the countries in the Western Indian Ocean (WIO) Region to submit their first report on the progress towards SDG 14.4.1.



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DIGITAL INNOVATIONS

New technologies developed and applied by projects, including citizen science apps, genetic barcoding, new databases, remote sensing and artificial intelligence.

9 Spatial mappings

9 Databases & genetic barcodings

4 Remote sensing & AI

2 Apps

Example: Genetic barcoding for marine biodiversity in Tanzania

The project Assessing the biodiversity of eels (BIOEELS-TZ) focused on the use of modern scientific solutions to facilitate state-of-the-art conservation in Tanzania. Junior researchers were trained onsite in the use of modern pop-up satellite tags, which were successfully used to tag eels with transmitters. To ensure the best interpretation of the data, German researchers trained students of the University of Dar es Salaam in genetic barcoding.

*Data as of March 2024 – 1st & 2nd Calls for Proposals



MORE INFORMATION:
meerwissen.org

On behalf of

