Werner Ekau
ZMT/IOI

Capacity Development
of
International Ocean Institute -IOI
and
the new South Atlantic Initiative Brazil-South Africa- EU
Goals

• Training Programmes/Capacity Building
  • The core activity of IOI is to carry out Training Programmes in Ocean Governance.
  • Activities such as developing and maintaining International Relations and the production and dissemination of relevant publications, are carried out with the aim to support, facilitate, develop, and promote the IOI Training activities.

• International Relations
  • Information gathering, strategic partnerships, lobbying and advising UN organisations

• Publications (WOR etc.)
  • E.g. the World Ocean Review (WOR 5 - Coasts – A Vital Habitat Under Pressure)
International Ocean Institute - IOI

Ocean Governance Training courses

- Yearly training courses for developing country professionals in ocean and coastal governance
- Offered in Canada, Malta, China/Westpacific, South Africa, South America/Caribbean (varying regional foci)
- Skills-development Sessions: Negotiation, Project Cycle Management, Disaster Management, Media, Communications
- Over 600 alumni from more than 100 countries
All Atlantic Ocean Research Alliance Flagship

The Belém Statement on Atlantic Research and Innovation Cooperation

Goal: to stimulate a better cooperation in marine science among European and South Atlantic states.

It is aimed to bring together all countries around the Tropical and South Atlantic to achieve:

- Better monitoring and forecasting capacities;
- Improved safety at sea, human health and well-being;
- Sustainable use of marine resources;
- New and emerging technologies to service societal needs and new value chains
- Ocean-engaged citizens through enhanced ocean literacy activities

It is intended to extend this initiative and merge it with the North Atlantic initiative to an All Atlantic Ocean Research Alliance.
All Atlantic Ocean Research Alliance Flagship

The Belém Statement on Atlantic Research and Innovation Cooperation

Horizon 2020 Call:
H2020-BG-2018-2020 (Blue Growth)

Objective is to take a systemic approach to tackle the scientific and socio-economic challenges and to move towards a basin-wide cooperation from Antarctica to the Arctic, through enhanced cooperation with countries bordering the South Atlantic, notably Brazil and South Africa.

[A] - Coordination of marine and maritime research and innovation activities in the Atlantic Ocean.
[B] - Assessing the status of Atlantic marine ecosystems.
[C] - New value chains for aquaculture production.
All Atlantic Ocean Research Alliance Flagship

The Belém Statement on Atlantic Research and Innovation Cooperation

H2020-BG-2018-2020 (Blue Growth) [A], Type of Action CSA

Goals:

» Enhance business opportunities and the up-take of innovations e.g. aquaculture production systems
» Marine & maritime technologies
» Develop common standards e.g. for deep ocean and shelf observing systems, seafloor mapping, ecosystem approaches
» Reinforce capacity building by aligning European training programmes, including through industrial apprenticeship opportunities and networking with Atlantic partners
» Promote citizen awareness and literacy on ocean issues
» Align and converge research and innovation international cooperation activities and other relevant initiatives and investments between the Northern and Southern Atlantic countries.
All Atlantic Ocean Research Alliance Flagship

The Belém Statement on Atlantic Research and Innovation Cooperation

H2020-BG-2018-2020 (Blue Growth) [A], Type of Action CSA
[A] - Coordination of marine and maritime research and innovation activities in the Atlantic Ocean.

Topics to be addressed in work packages:

» Capacity Development
» Knowledge Transfer for Ocean Innovation and Economy
» Common Standards for Data and Information Sharing
» Ocean Citizen Awareness and Literacy
» Convergence and Alignment of R&I Infrastructure Initiatives
All Atlantic Ocean Research Alliance Flagship

The Belém Statement on Atlantic Research and Innovation Cooperation

H2020-BG-2018-2020 (Blue Growth) [A], Type of Action CSA

Methodology:

» sub-multi-stakeholder platforms in WP3 to WP7 on the six key common areas of interest stated in the Belém Statement:

» climate variability
» ocean observation
» polar research
» emerging pollutants
» food security
» ocean technology - including renewable energy).

» Contribution to the Implementation of Belém Statement by definition and supporting pilot actions
All Atlantic Ocean Research Alliance Flagship

The Belém Statement on Atlantic Research and Innovation Cooperation


Methodology:

» Projects will use existing (data bases) and newly retrieved data to describe the state of the ecosystems in the South Atlantic

» Data mining in existing data bases
» Use of research cruises of opportunity
» Modeling
» Strong component of Capacity Development
Thank you for your attention!