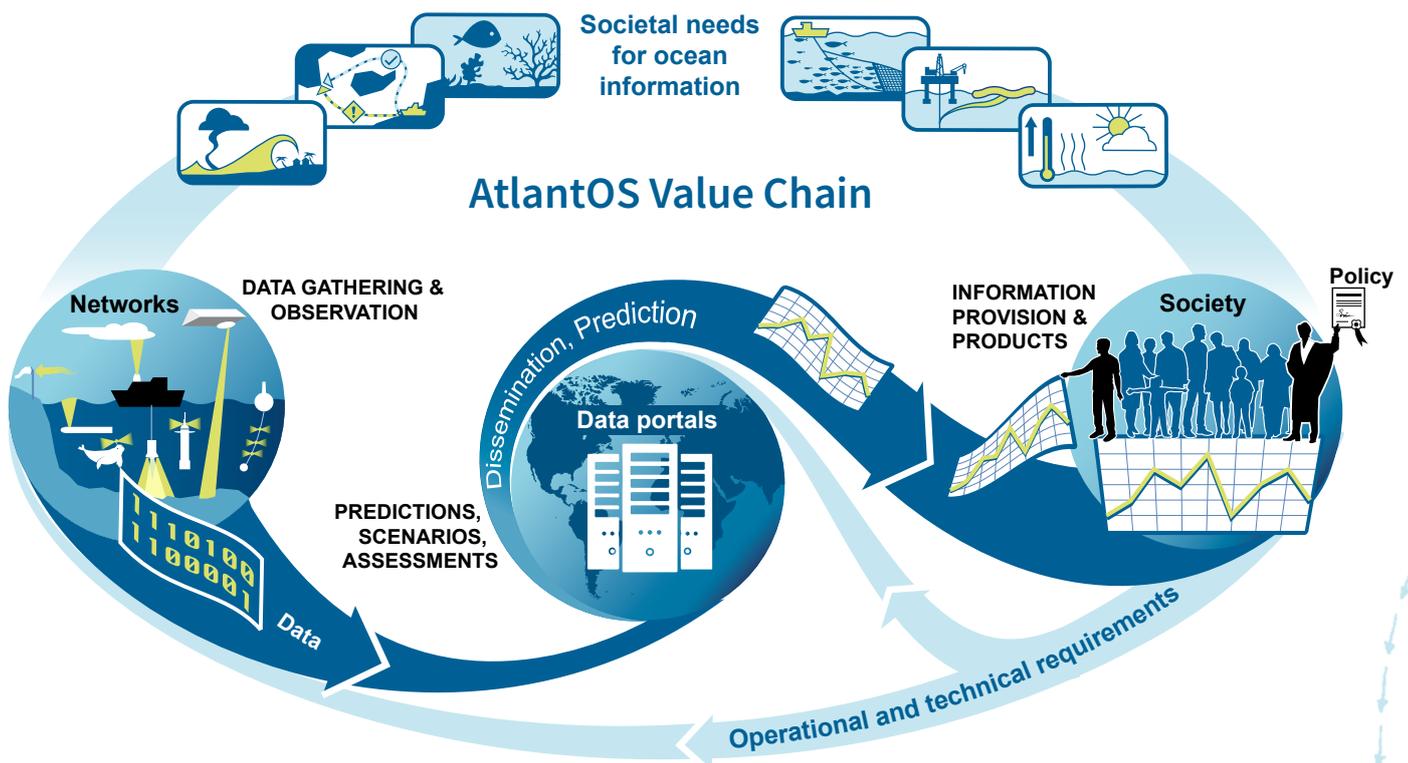


# AtlantOS

An All-Atlantic Ocean Observing System

## Vision for AtlantOS

A comprehensive Atlantic Ocean Observing System that benefits all of us living, working and relying on the ocean



## Goal of AtlantOS

Bringing together the ocean observing partners through active participation in the Atlantic-wide implementation actions and specific use case demonstration projects

## How will AtlantOS generate value?

AtlantOS offers a service to the community acting as a forum for cooperation and alignment of interests in all aspects of Atlantic basin ocean observing

### **Ocean Observing Community building**

Bring the ocean observation partners in the Atlantic region together to build a common system enhancing capacity and sharing capabilities to support implementation action for the integrated system

### **Connecting with Services and realizing Societal Benefits**

Interpretation and presentation of information, thematic assessments and promoting connectivity to services and advancement of tools needed to fully realize the ocean observation value chain

### **Communication**

Activities to engage with users, policy makers and the wider public to ensure that the AtlantOS program is responsive to the needs of society.

## Presently active AtlantOS Use Cases

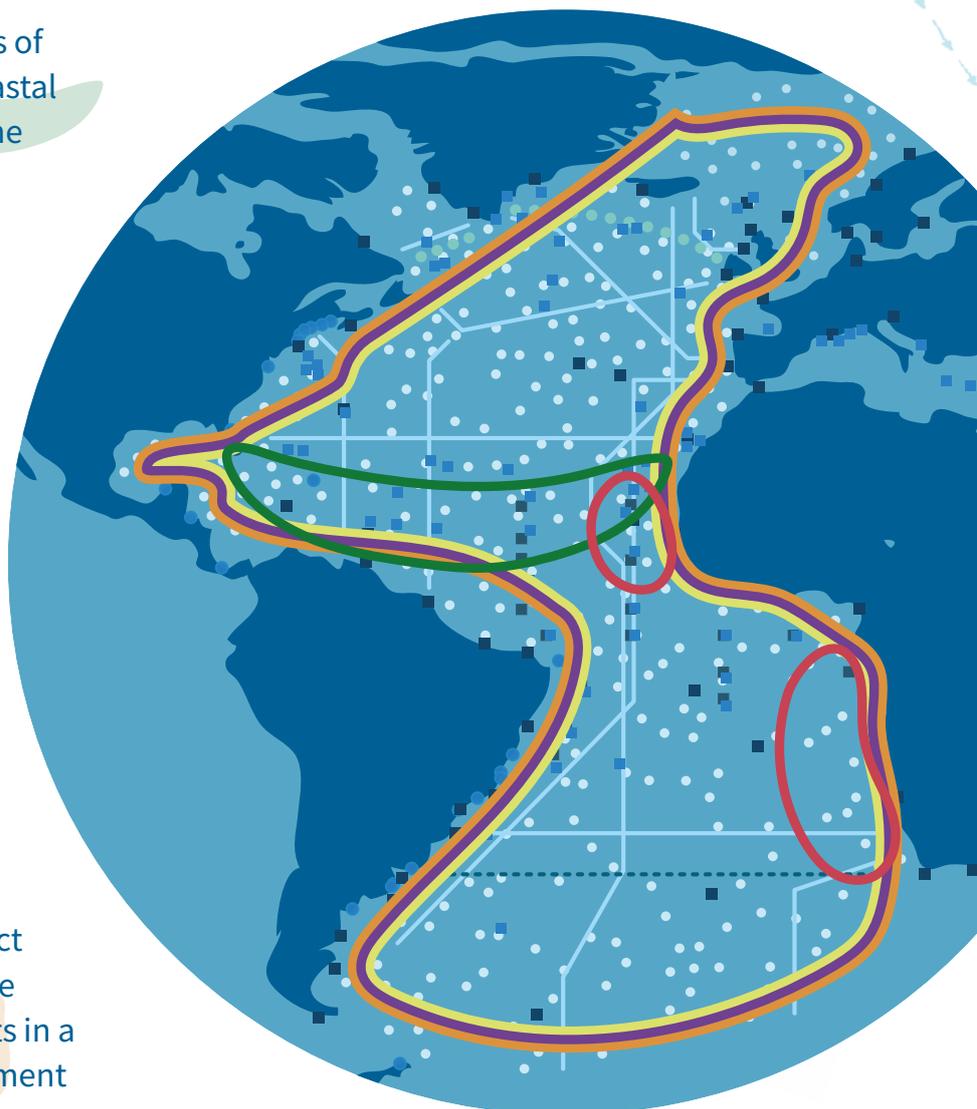
Mitigating Impacts of Sargassum on Coastal Communities in the Tropical Atlantic

Providing Basin-Scale Climate Services – Atlantic Meridional Ocean Circulation

Supporting Ecosystems Based Management for Fisheries in Atlantic Upwelling Regions

Carbon Uptake – Identifying sources and sinks of carbon

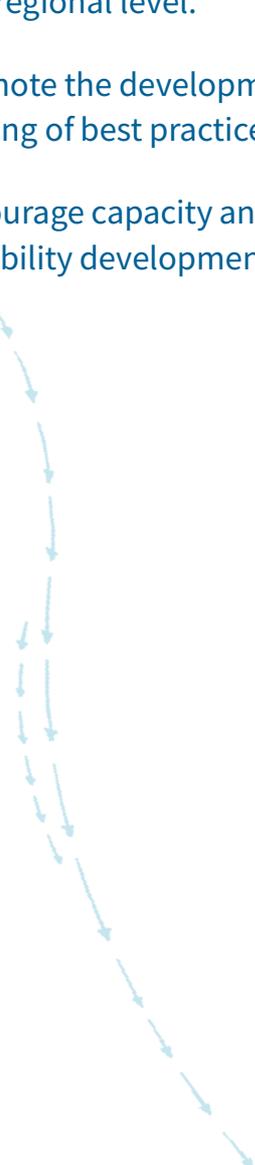
Networks to predict and explain marine animal movements in a changing environment





*We encourage and invite other implementation or use case initiatives to organize themselves within the frame of AtlantOS.*

## Supporting the Basin Scale Implementation

- Follow the recommendations from the first AtlantOS Symposium and the OceanObs19 Conference
  - Encourage articulation and sharing of national implementation plans
  - Support resource mobilization by engaging at the national and regional level.
  - Promote the development and sharing of best practices
  - Encourage capacity and capability development
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## By 2030 AtlantOS will...

- Meet user needs – by keeping connected with all users, regional and global initiatives and supporting their evolving requirements.
- Support implementation of the Galway Statement on Atlantic Ocean Cooperation, the Belém Statement on Atlantic Research and Innovation Cooperation, and support international initiatives like the G7 Future of the Seas and Oceans Working Group, GEO Blue Planet, and the OceanObs'19 conference series all contributing to the success of the UN Decade of Ocean Sciences for Sustainable Development (2021-2030).
- Ensure that we share information widely, encouraging multiple uses of data, opening data to many uses and providing us with the greatest value.
- Become a fully functioning integrative and transparent governance framework that provides a forum for coordination, resource mobilization, review and decision making.
- Become the All-Atlantic part of the Global Ocean Observing System and initiate implementation actions to support the GOOS ambition.
- Support long-term sustainability which has been achieved through national and stakeholder commitments with a goal of reaching 75% of sustained resources, in line with present meteorological observations.



***Find out more about  
AtlantOS  
An All-Atlantic Ocean  
Observing System  
[atlantos-ocean.org](http://atlantos-ocean.org)***

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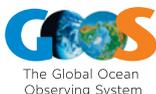
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