Board of Directors

Francisco V. Cunha, TEKEVER
Artur Costa, CEIIA
Marco Alves, WavEC
The Atlantic has a very strong influence over the global Earth system, with significant scientific challenges (e.g. Space, Ocean & Data technology) that are systemic, complex and path dependent;

No single organisation is prepared to tackle them appropriately and comprehensively;

There is a global coalition being formed to identify and tackle these challenges;

There is the need for an integrated approach, from Deep Sea to Space, allowing for a unique understanding of the interactions over the Atlantic;

There is the need to bring together experts on Oceans, Space, Energy, Atmosphere and Climate that traditionally have not been working together;

There is the need to leverage a specific set of assets, that are currently not available or integrated, to support a better knowledge and understanding of the Atlantic Ocean.
VISION:
To be a leading provider of innovative scientific and commercial services towards a better understanding of the dynamics over the Atlantic, from Deep Sea to Space, and enhance its sustainable exploration.
+ATLANTIC: VISION AND MISSION

VISION:
To be a leading provider of innovative scientific and commercial services towards a better understanding of the dynamics over the Atlantic, from Deep Sea to Space, and enhance its sustainable exploration.

MISSION:
Develop infrastructure and capabilities to provide sustainable and holistic solutions on the Atlantic system, through new data/info that will allow for a better exploration/exploitation of Atlantic resources.
+ATLANTIC: **FUNDING STRUCTURE**

1/3 National public financing

1/3 Rendering services to industry

1/3 European / national competitive financing

~4.5 M€ for 3 years
Ownership structure:
Private association held by Portuguese industry, R&D centers and public institutions

Consulting organization
with a strong R&I background

Highly qualified **multidisciplinary team**, covering areas related to space, ocean and data analytics

Between 40 and 60 people, of which **20** are PhD holders

Working in close **collaboration** with universities, R&D centers, industry and national authorities

**Infrastructures**
Santa Maria Antenna, Test sites (Aguçadoura, Sines), Viana do Castelo Pilot Zone, Peniche Ocean Technology Center,

Extensive **partnerships**
+ATLANTIC: IMPLEMENTATION PATH

Phase 2 – Consolidation from 2023/2025 to 2028/2031

Ownership structure:
Private association held by Portuguese industry, R&D centers and public institutions

Consulting organization
with a strong R&I background

Highly qualified multidisciplinary team, covering areas related to space, ocean and data analytics

Between 80 and 120 people, of which 40 are PhD holders

Working in close collaboration with universities, R&D centers, industry and national authorities

Infrastructures
Satellite constellation, Subsea constellation, Ocean multipurpose platform

Extensive partnerships
+ATLANTIC: INITIAL ASSOCIATES

SHAREHOLDERS

PUBLIC INSTITUTIONS

RAEGE

BUSINESS COMPANIES

tekever

deimis

abyssal

EDISOFT

gmv

ASISI MATOS

HIDROMOD

R&D CENTRES

CEIIA

ISQ

WavEC

UNIVERSITIES

TÉCNICO LISBOA

PORTO FEUP

STAKEHOLDERS

PUBLIC INSTITUTIONS

OBSCERVERS

Observatório Oceânico da Madeira

IPMA

BUSINESS COMPANIES

activeSpace

HPS

omnidea

spin.works

Armilar

edp

ENP

AMY

globaleda

R&D CENTRES

IPN

INL

IT

microsat

UNIVERSITIES

FCT

IQI

UIB

UNIVERSIDADE DO ALGARVE

UNIVERSIDADE DOS AçORES

UNIVERSIDADE DE SÃO PAULO

UNIVERSIDADE DE SÃO PAULO
+ATLANTIC: FIT IN THE VALUE CHAIN

Value chain
from science to market

Science | Technology | Product | Service | Users
---|---|---|---|---
UNIVERSITIES | R&D CENTRES | ANALYTICS | INDUSTRY | OPERATORS

Upstream

Downstream

CoLAB

AIR CENTRE

SCIENCE

Scientific users

MARKET

Commercial users

+Atlantic

Scientific users
+ATLANTIC: BUSINESS APPROACH

Integration with other platforms

- **AIRBORNE CONSTELLATION**
  - Drones

- **SPACEBORNE CONSTELLATION**
  - Nano/Micro Satellites

- **SEABORNE CONSTELLATION**
  - Oceanographic buoys, ROVs
+ATLANTIC: BUSINESS APPROACH

Integration with other platforms

SPACEBORNE CONSTELLATION
Nano/Micro Satellites

AIRBORNE CONSTELLATION
Drones

SEABORNE CONSTELLATION
Oceanographic buoys, ROVs
Create added-value services, grounded on an integrated approach from Deep Sea to Space, based on

- DATA ANALYSIS/ DATA SCIENCE
- HOLISTIC AND DISRUPTIVE CONCEPTS and
- NEW BUSINESS MODELS

to support complex and non-standard activities.
+ATLANTIC: BUSINESS APPROACH

Activities such as:

- Marine Renewable Energies
- Offshore Aquaculture
- Deep-Sea Mining Activities
- Earth's Atmosphere/Climate
- Metocean for Offshore Activities
The **CoLAB for the Atlantic** will be a new institution to address the major challenges of the Atlantic system, providing a way forward for tackling the challenges put forward in the scope of the AIR initiative.

The CoLAB’s objectives are:

- **Employment** Create highly qualified direct and indirect employment
- **Value** Create a sustainable service portfolio for scientific & commercial users
- **Mobilise** Bring together scientists, research centres, industry and market agents around a common strategy to develop knowledge and generate value from the Atlantic
- **Broaden** Engage new agents of innovation all over the value chain, providing opportunities to bring new ideas into the play through incubation, acceleration, etc.
- **Engage** Everyone to foster a deeper understanding of the Atlantic
The CoLAB +Atlantic is building a clear strategy (with the involvement of all the shareholders and stakeholders in the process) taking into account the aspects with higher impact on its activities, including:

- Creation/co-creation of innovative products
- Providing innovative services
- Production of scientific knowledge
- Secure competitive R&D public funding
- Presence in forums
- Generation of high qualified scientific employment
- Support to associated partners
- Connection vehicle to the air center
Thanks for your attention

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