

# Regeneration across generations

Socially Inclusive & Sustainable Development of the Atlantic Seaboard



## Atlantic Project Awards 2017 candidate



European Union's Horizon 2020  
research and innovation programme

## Project description

**ATLAS** is gathering new information on sensitive Atlantic ecosystems to produce a step-change in our understanding of their connectivity, functioning and responses to future changes in human use and ocean climate. With trans-Atlantic collaborative oceanographic missions, ATLAS is maximizing the use of available knowledge and developing new tools to make measurements directly relevant to ecosystem function at depths of 200-2000 m, where data is still scarce and fragile ecosystems are known to be under pressure.

To achieve the trans-Atlantic scale and incorporate the diversity of sensitive Atlantic deep-water ecosystems, ATLAS has assembled 12 Case Studies that follow the major Atlantic current patterns. These were selected on basis of proximity to Blue Growth activities, presence of focal ecosystems, availability of existing data/samples and opportunities for offshore cruises during the ATLAS project.

## Outcomes of the project

- First Science-Policy Panel at the European Parliament (March 2017) and **presentation at the New York [SDG14 Oceans Conference](#)** (UN).
- **14 ATLAS cruises** have taken place where the crew deployed high-technology biogeochemical sensors.
- Further **11 cruises planned** for 2017 & 2018.

## Interact with the project

*Lead partner*



THE UNIVERSITY  
of EDINBURGH

*Social media*

