A Trans-AtLantic Assessment and deep-water ecosystem-based Spatial management plan for Europe

From 2016-05-01 to 2020-04-30, ongoing project | ATLAS Website

Objective

ATLAS creates a dynamic new partnership between multinational industries, SMEs, governments and academia to assess the Atlantic's deep-sea ecosystems and Marine Genetic Resources to create the integrated and adaptive planning products needed for sustainable Blue Growth. ATLAS will gather diverse new information on sensitive Atlantic ecosystems (incl. VMEs and EBSAs) to produce a step-change in our understanding of their connectivity, functioning and responses to future changes in human use and ocean climate. This is possible because ATLAS takes innovative approaches to its work and interweaves its objectives by placing business, policy and socioeconomic development at the forefront with science. ATLAS not only uses trans-Atlantic oceanographic arrays to understand and predict future change in living marine resources, but enhances their capacity with new sensors to make measurements directly relevant to ecosystem function. The ATLAS team has the track record needed to meet the project's ambitions and has already developed a programme of 25 deep-sea cruises, with more pending final decision. These cruises will study a network of 12 Case Studies spanning the Atlantic including sponge, cold-water coral, seamount and mid-ocean ridge ecosystems. The team has an unprecedented track record in policy development at national, European and international levels. An annual ATLAS Science-Policy Panel in Brussels will take the latest results and Blue Growth opportunities identified from the project directly to policy makers. Finally, ATLAS has a strong trans-Atlantic partnership in Canada and the USA where both government and academic partners will interact closely with ATLAS through shared cruises, staff secondments, scientific collaboration and work to inform Atlantic policy development. ATLAS has been created and designed with our N American partners to foster trans-Atlantic collaboration and the wider objectives of the Galway Statement on Atlantic Ocean Cooperation.

Related information

Report Summaries

Periodic Reporting for period 1 - ATLAS (A Trans-AtLantic Assessment and deep-water ecosystem-based Spatial management plan for Europe)
News

EU Researchers and Underwater Tech Experts Discuss New Technologies and Treaties for Preserving Deep-Sea Ecosystems

Study shows oil and gas rigs could help protect corals

Atlantic Ocean circulation is weakening; are our deep-sea ecosystems at threat?

Diving Deep to Explore New Frontiers of Collaboration and Innovation

Extraordinary Discovery in the mid-Atlantic Ocean

EU Researchers and Underwater Tech Experts Discuss New Technologies and Treaties for Preserving Deep-Sea Ecosystems

Transatlantic Cooperation: European and Canadian Marine Stakeholders Discuss Sustaining Ocean Ecosystems

Deep in the Atlantic Ocean: High-tech sensors to gather long-term biogeochemical data

Warmer winters in Europe will be bad news for coral

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EU contribution: EUR 345 000
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**Activity type:** Higher or Secondary Education Establishments

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EU contribution: EUR 270 000

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EU contribution: EUR 445 000

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EU contribution: EUR 276 921,15

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Last updated on 2017-08-22
Retrieved on 2019-07-12