



Environmental and coastal planning and development

B-MAP-SAT

CREATING A CARTOGRAPHIC SERVICE FOR MAPPING THE SHALLOW-WATER SEABED

Characterising the bathymetry and nature of the seabed is a genuine technological challenge of direct interest to all those who use shallow marine waters (0-20 metres deep) in the context of, for example, works installation or navigation.

The B-MAP-SAT project will work on developing a cartographic service based on high and ultra-high resolution satellite imagery to produce bathymetric charts (measuring the ocean depth to determine the seabed topography) and charts of marine habitats in the littoral zone.

The overall developments of B-MAP-SAT will constitute significant progress in terms of monitoring and mapping littoral aquatic environments, particularly relating to capacities for the automated processing and geographical extent of satellite images.

Partners

Companies

Hytech Imaging, Plouzané [Project Developer]
Airbus Defence & Space, Toulouse

Research center

Ocean Sensing and Mapping, Lab-STICC
UMR CNRS 6285, ENSTA-Bretagne, Brest

Funder

Bpifrance

Labelisation

08/09/2017

Overall budget

340 K€