



Engagement

High Resolution Seafloor Mapping and Bottom Characterization in Maltese Waters

Countries

Malta

Project value (€)

498,500.00

% by EPSILON

100%

€ by EPSILON

498,500.00

Engagement

Tender

Funding by

LIFE+ Nature,
Department of Contracts
CT 3105/2015

Date

December
2015

Partners

EPSILON
SeaTopic

Description

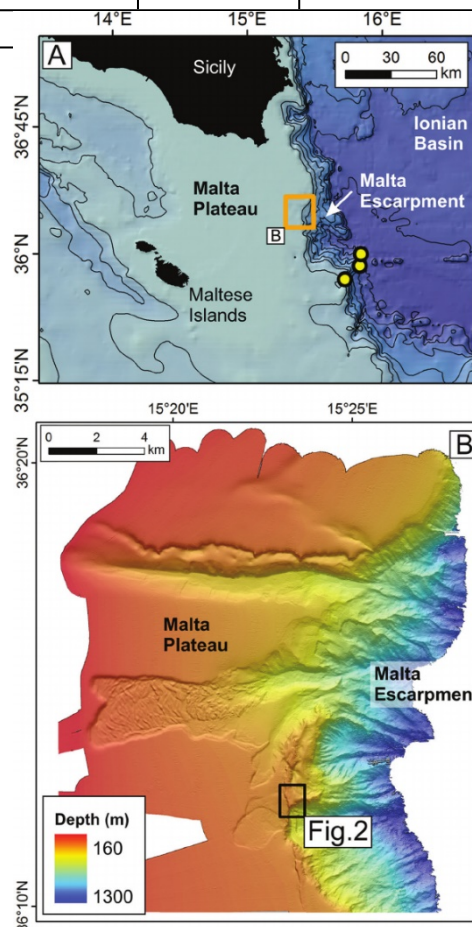
EPSILON participated in a tender for high-resolution mapping and bottom characterization of five designated marine areas in Maltese waters.

The contract involved multibeam echosounder surveys down to 1,000 metres, sediment sampling and classification, and geophysical interpretation to support national marine spatial planning and conservation initiatives.

The methodology included full coverage bathymetric surveys using hull-mounted deep-water multibeam systems, onboard data processing and real-time quality control, and sediment classification using quantitative samplers.

The work was supported by a dedicated team of experts in hydrography, marine geophysics and sedimentology.

EPSILON provided the project structure, survey planning, and quality management.



Outcome

- Completed multibeam bathymetry and backscatter coverage in five survey areas
- Collected and analysed sediment samples for groundtruthing
- Delivered geophysical interpretation and bottom classification reports
- Produced high-resolution digital seafloor maps and metadata packages
- Supported Malta's obligations under LIFE+ environmental commitments

