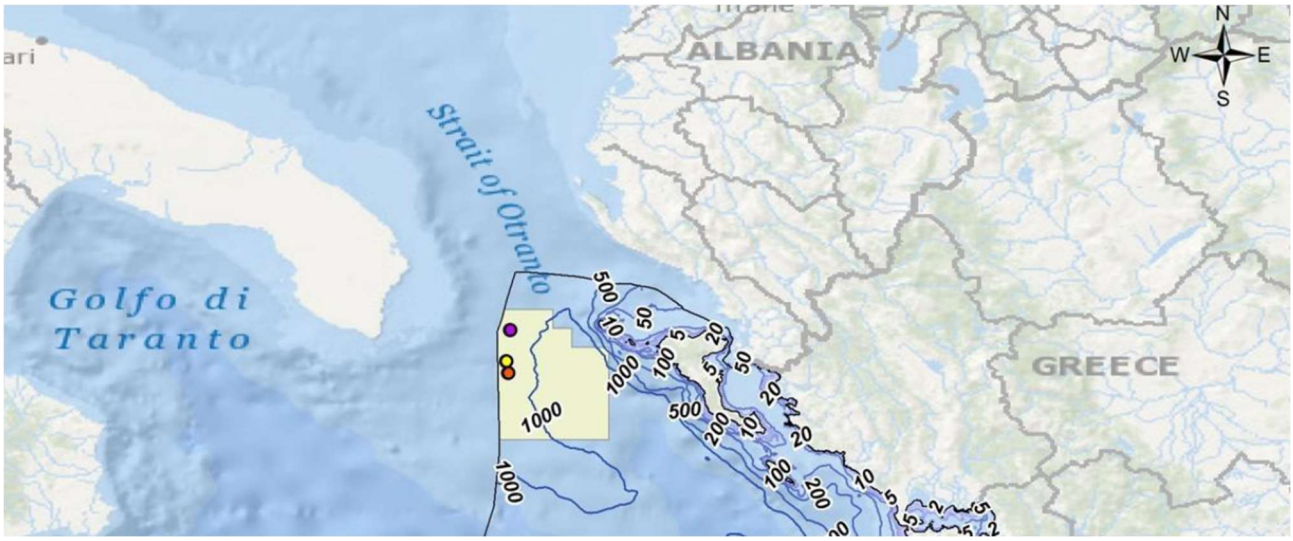
The offshore area of Block 2 is located approximately 20 kilometers west of the Island of Corfu, in the northern Ionian Sea, at water depths ranging from approximately 750 to 1,200 meters. Administratively, Block 2 falls within the Regional Unit (RU) of Corfu, which is part of the Ionian Islands Region (IIR). The western boundary of the block coincides with the maritime delimitation line between the continental shelf areas of Italy and Greece, as defined by the Bilateral Agreement of 24 May 1977, which establishes this boundary according to the principle of the median line.



This proposal outlines the execution of all necessary field activities to support the second-stage Environmental and Social Baseline Survey (ESBS) for the planned Asopus-1 Exploration Well and the Asopus-2 and Asopus-3 (optional) appraisal wells, located within Offshore Block 2 in the Ionian Sea. The ESBS constitutes a critical input to the overall environmental and social assessment process for the project and will underpin the preparation of the project-specific Environmental and Social Impact Assessment (ESIA).

The second-stage ESBS is intended to ensure that Energean's exploration and appraisal activities are designed and implemented in full compliance with applicable Greek, European Union, and international environmental and social legislation, standards, and recognized good international industry practice. The survey will be undertaken in full alignment with the findings and recommendations of the Ionian Strategic Environmental Impact Assessment (SEIA).

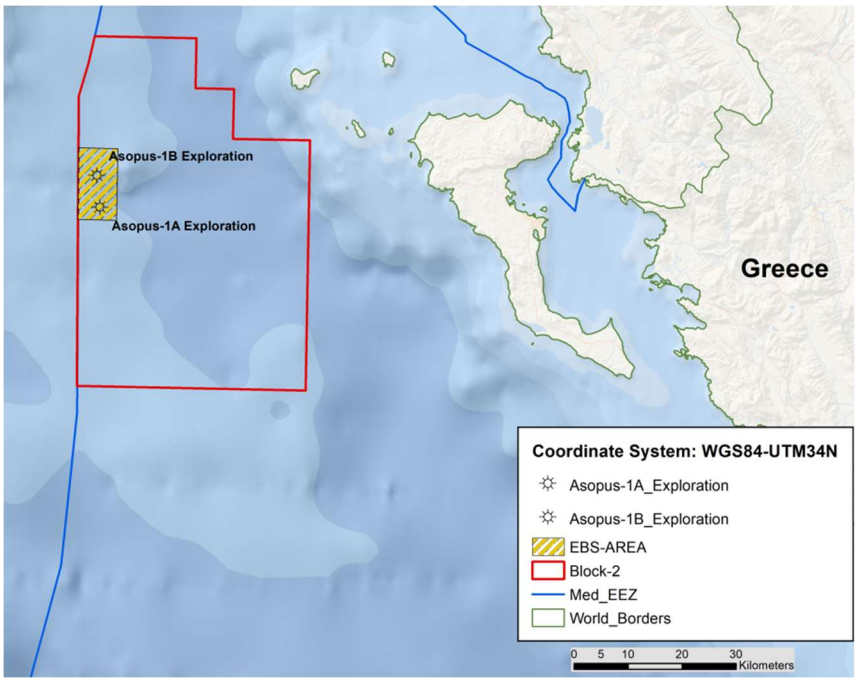
Main Survey Area

The main survey area encompasses the offshore environment surrounding the planned Asopus-1, Asopus-2, and Asopus-3 (optional) well locations within Offshore Block 2, Ionian Sea.

The survey area will include:

- A primary zone centered on each proposed well location, extending radially to cover seabed, water column, and surface receptors.
- Transects and stations designed to characterize spatial variability in physical, chemical, biological, and socio-economic parameters.

- Reference/control locations outside the anticipated impact footprint, where required, to support comparative analysis.



A 39°43'46.92"N, 18°55'1.04"E

B 39°43'52.21"N, 19° 0'5.23"E

C 39°36'37.09"N, 19° 0'19.05"E

D 39°36'30.56"N, 18°55'10.38"E

Field Activities

Field activities to be conducted within the main survey area will include, as a minimum, the following components:

Physical Environment

- Bathymetric and seabed characterization surveys.
- Measurement of oceanographic parameters (e.g. currents, temperature, salinity, turbidity).
- Meteorological data collection, where relevant to offshore operations.

Chemical Environment

- Seabed sediment sampling for physicochemical analysis.
- Water column sampling to establish baseline water quality conditions.
- Laboratory analysis for hydrocarbons, metals, and other relevant parameters in accordance with recognized standards.

Biological Environment

- Benthic habitat and fauna surveys using appropriate sampling and/or remote observation techniques.
- Plankton and pelagic ecosystem characterization, as applicable.
- Identification of protected species, sensitive habitats, and seasonal ecological features.

Deliverables

The results of the field activities within the main survey area will be compiled into a comprehensive ESBS report, including maps, figures, datasets, and interpretative analysis suitable for direct integration into the ESIA documentation.