

DEEP-TECH

Disruptive Underwater Technology Capability Enabler for EU Next-Generation Deep-Sea Operations and Autonomous Subsea Technologies

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2025

CALL TITLE:

Disruptive EDF research actions

TOPIC TITLE:

Great-depth enabling technologies

DURATION OF THE PROJECT:

36 Months

TYPE(S) OF ACTIVITIES:

Generating knowledge, Integrating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 11,596,530.55

MAXIMUM EU CONTRIBUTION :

€ 11,596,530.55



SHORT DESCRIPTION OF THE PROJECT:

DEEP-TECH facilitates the creation of breakthrough capabilities for relocatable and robotic seabed landers nodes, and autonomous underwater infrastructures and base stations.

The project will integrate advancements in docking, energy storage and wireless transfer, communication, autonomous detection and neutralization of incoming threats, and sensor networks to enhance persistence, resilience, and unmanned systems capabilities in high-risk, high-depth scenarios, and be able to protect against the current and future threats using large and long-range autonomous vehicles.

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**Members of the consortium and
country of establishment:**



 NAME OF THE ENTITY	 COUNTRY
(Coordinator) INESC TEC - INSTITUTO DE ENGENHARIA DE SISTEMAS E COMPUTADORES, TECNOLOGIA E CIENCIA	Portugal
A. SILVA MATOS METALOMECÂNICA SA	Portugal
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	Spain
AKMON - SYMVOULOI EPICHEIRISEON - ANTIPROSOPEIES, EMPORIKI, EXAGOGIKI- EISAGOGIKI, KATASKEVASTIKI KAI VI	Greece
ALCATEL SUBMARINE NETWORKS SAS	France
ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	Greece
EXAIL ROBOTICS	France
KOBENHAVNS UNIVERSITET	Denmark
MARINHA PORTUGUESA (PT NAVY)	Portugal
POWERUP FUEL CELLS OU	Estonia
SINTEF AS	Norway
SINTEF OCEAN AS	Norway
SOTIRIA TECHNOLOGY IDIOTIKI KEFALAIOUCHIKI ETAIREIA	Greece
SPACE APPLICATIONS SERVICES NV	Belgium
SOLITHOR	Belgium

**Members of the consortium and
country of establishment:**



 NAME OF THE ENTITY	 COUNTRY
THALES ITALIA SPA	Italy
UNPLUGGED	Norway
WAVE ENERGY COLLECTIVE BV	The Netherlands

