



**EUROPEAN  
UNION**

# EUROPEAN DEFENCE FUND



# PASITHEA

A Hybrid Autonomous Unmanned Vehicle system opening new horizons in conducting military operations in the marine environment

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2022

**CALL TITLE:**

Research actions for SMEs and Research Organisations

**TOPIC TITLE:**

Non-thematic research actions by SMEs and research organisations

**DURATION OF THE PROJECT:**

36

**TYPE(S) OF ACTIVITIES:**

Generating knowledge, Integrating knowledge, Studies, Design

**ESTIMATED TOTAL COST:**

€ 3,998,845.08

**MAXIMUM EU CONTRIBUTION :**

€ 3,998,844.89



### SHORT DESCRIPTION OF THE PROJECT:

**PASITHEA aims to develop a Hybrid Autonomous Unmanned Vehicle system that will operate in land, sea and air platforms and units.**

PASITHEA will develop Hybrid Autonomous Unmanned Vehicles (HAUV) combining Unmanned Aerial Vehicle and Unmanned Underwater Vehicle technologies. The vehicles will be able to fly, hover in the air and sail under the water and to repeat air water trans-media motions. The HAUV will be able to be launched, operated and controlled by land, sea, and air platforms and units. The project includes the design of a Command, Control, Communication and Intelligence system.



@defis\_eu





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**MEMBERS OF THE CONSORTIUM AND  
COUNTRY OF ESTABLISHMENT:**



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
BALance Technology Consulting HmbH (Coordinator)	Germany
A.S. Prote Marine Ltd.	Greece
ACADEMIA FORTELOR AERIENE HENRI COANDA	Romania
BEIA Consult International	Romania
FUNDACION ANDALUZA PARA EL DESARROLLO AEROESPACIAL	Spain
INSTITUTO DE ENGENHARIA DE SISTEMAS E COMPUTADORES INOVACAO	Portugal
MARESCO LTD	Greece
National Technical University of Athens	Greece
Signal Generix	Cyprus