



# HEGAPS

Hybrid Energy Grid and Propulsion System

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

**CALL TITLE:**

Open call dedicated to SMEs for research of innovative and future-oriented defence solutions

**TOPIC TITLE:**

Research on innovative and future-oriented defence solutions

**DURATION OF THE PROJECT:**

24 months

**TYPE(S) OF ACTIVITIES:**

Generating knowledge; Integrating knowledge; Studies; Design

**ESTIMATED TOTAL COST:**

€ 3,998,363.25

**MAXIMUM EU CONTRIBUTION :**

€ 3,998,363.25



### SHORT DESCRIPTION OF THE PROJECT:

**HEGAPS will work on a cyber-physical system to coordinate multiple assets.**

The project “Hybrid Energy Grid and Propulsion System” (HEGAPS) will work on a cyber-physical system to test different options and technologies into an integrated naval grid. This is a digital twin environment able to coordinate different assets in different locations by means of digital simulation of multiagent systems.



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

 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
SEAPLACE S.L (Coordinator)	Spain
ATLANTIC ORGANIZATION FOR SECURITY	Belgium
EDAIR TECHNOLOGIES, S.L.	Spain
FUNDACION CENTRO DE TECNOLOGIAS AERONAUTICAS	Spain
STADT AS	Norway
SUPRASYS, S.L.	Spain