

CALIPSO

Innovative propulsion solutions for land and naval defence applications

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Research actions on energy resilience and environment transition

TOPIC TITLE:

Innovative propulsion systems (spin-in)

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Integrating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 24,950,169.27

MAXIMUM EU CONTRIBUTION :

€ 24,950,169.27



SHORT DESCRIPTION OF THE PROJECT:

CALIPSO aims to provide guidelines and roadmaps for systematically addressing technological and other challenges in terms of innovative emission-reducing propulsion solutions.

The project aims to enable the defence sector to systematically achieve the EU sustainability goals by introducing innovative emission-reducing propulsion solutions to a significant part of its activities. The project paves the way towards efficient adoption of sustainable fuel based innovative propulsion systems in the land and naval domains of the defence sector. The project provides guidelines and roadmaps for systematically addressing technical and other challenges such as standardisation, safety, supply chain and logistic.



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



 NAME OF THE ENTITY	 COUNTRY
NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS" (Coordinator)	Greece
ADVENT TECHNOLOGIES AS	Denmark
ANGLO BELGIAN CORPORATION	Belgium
ARQUUS	France
AVL LIST GMBH	Austria
CAFA TECH OU	Estonia
COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	France
DAMEN SCHELDE NAVAL SHIPBUILDING BV	The Netherlands
DNV HELLAS SINGLE MEMBER SA	Greece
DEFENSE INNOVATION RESEARCH ISTITUTE	Hungary
EQUIPOS MOVILES DE CAMPANA ARPA SA	Spain
FINCANTIERI SPA	Italy
FORSVARETS FORSKNINGINSTITUTT	Norway
FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV	Germany
GE AVIO SRL	Italy

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



 NAME OF THE ENTITY	 COUNTRY
INERATEC GMBH	Germany
INSTITUTT FOR ENERGITEKNIKK	Norway
IVECO DEFENCE VEHICLES SPA	Italy
KONGSBERG MARITIME AS	Norway
NAVAL GROUP	France
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	The Netherlands
NORWEGIAN HYDROGEN AS	Norway
RHEINMETALL PROJECT SOLUTIONS GMBH	Germany
SAAB KOCKUMS AKTIEBOLAG	Sweden
SHIPYARDS AND MARITIME EQUIPMENT ASSOCIATION OF EUROPE	Belgium
SINTEF OCEAN AS	Norway
STICHTING MARITIEM RESEARCH INSTITUUT NEDERLAND	The Netherlands
TECES GROZD ZELENIH TEHNOLOGIJ MARIBOR	Slovenia

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



NAME

OF THE ENTITY



COUNTRY

UNIVERSIDAD DE CASTILLA - LA MANCHA

Spain

WOJSKOWA AKADEMIA TECHNICZNA IM.JAROSLAWA
DABROWSKIEGO

Poland

