

ADMIRABLE

Additive Manufacturing of composite based fire resistant materials for stealth, Ballistic Lightweight armored structures

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Spin-in research actions on materials and components

TOPIC TITLE:

High-performance materials (spin-in)

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Generating knowledge, Integrating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 10,262,673.00

MAXIMUM EU CONTRIBUTION :

€ 10,262,673.00



SHORT DESCRIPTION OF THE PROJECT:

ADMIRABLE will enhance European naval vessel capabilities by investing in advanced manufacturing technologies and composite based materials.

The focus is on developing multifunctional materials, incorporating electromagnetic and structural functionalities, to improve vessel performance and reduce vulnerability. The project also aims to optimise manufacturing processes, considering factors like flexibility, costs, and time.



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



 NAME OF THE ENTITY	 COUNTRY
NAVANTIA S.A. (Coordinator)	Spain
DAS PHOTONICS SL	Spain
FINCANTIERI SPA	Italy
FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV	Germany
FUNDACION PARA LA INVESTIGACION, DESARROLLO Y APLICACION DE MATERIALES COMPUESTOS	Spain
GRADEL SARL	Luxembourg
ISTITUTO ITALIANO DELLA SALDATURA ASSOCIAZIONE	Italy
MICROMAG 2000	Spain
POLITECHNIKA WROCLAWSKA	Poland
POLITECNICO DI TORINO	Italy

