

EUROPEAN DEFENCE FUND



EUROPEAN UNION

EDINAF

European Digital Naval Foundation

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:

Smart ships

TOPIC TITLE:

Digital ship and ship digital architecture

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Integrating knowledge; Studies; Design

ESTIMATED TOTAL COST:

€ 29,000,198.91

MAXIMUM EU CONTRIBUTION :

€ 29,000,000.00



SHORT DESCRIPTION OF THE PROJECT:

EDINAF will provide a European digital ship reference architecture, integrating the systems onboard altogether in order to achieve vessels fastest reaction and enhanced capabilities.

The project “European Digital Naval Foundation” (EDINAF) will enable the integration of a joint naval operational cloud as a component into the broader military multidomain operations cloud. EDINAF will work on an IT infrastructure and associated data interface standards (edge and cloud computing). It will support the design and the creation of next generation smart vessels and gather the European supply chain around a common standard applicable to equipment manufacturing and to future naval operations.



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



 NAME OF THE ENTITY	 COUNTRY
NAVANTIA, S.A., S.M.E (Coordinator)	Spain
AERTEC SOLUTIONS SL	Spain
Damen Schelde Naval Shipbuilding B.V.	Netherlands
Fincantieri S.p.A	Italy
Indra Sistemas, S.A.	Spain
IRT B-COM	France
Jotne EPM Technology AS	Norway
Kongsberg Defence & Aerospace AS	Norway
LEONARDO SpA	Italy
Light Structures AS	Norway
MBDA France	France
Naval Group SA	France
NEDERLAND MINISTRY OF DEFENCE	Netherlands
Nederlandse organisatie voor Toegepast Natuurwetenschappelijk Onderzoek	Netherlands
QRelation	Germany

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



 NAME OF THE ENTITY	 COUNTRY
RENK GmbH	Germany
RH Marine Netherlands B.V.	Netherlands
Rheinmetall Electronics GmbH	Germany
Saab Kockums AB	Sweden
SINTEF AS	Norway
SINTEF Ocean AS	Norway
Stichting Maritiem Research Institute Nederland	Netherlands
THALES NEDERLAND B.V	Netherlands
The Shipyards' and Maritime Equipment Association of Europe	Belgium
Thyssenkurpp marine Systems GMBH	Germany
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