

ARROW

Autonomous Rapid Recognition Operation Warship

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Development actions dedicated to SMEs

TOPIC TITLE:

Non-thematic development actions by SMEs

DURATION OF THE PROJECT:

34 months

TYPE(S) OF ACTIVITIES:

Studies, Design, System prototyping, Testing, Qualification

ESTIMATED TOTAL COST:

€ 10,725,235.72

MAXIMUM EU CONTRIBUTION :

€ 7,961,370.35



SHORT DESCRIPTION OF THE PROJECT:

The goal of ARROW is to design, develop, test, and qualify a lightweight hydrofoil boat prototype of around 12 meters.

The ARROW project will design, develop, test, and qualify a lightweight hydrofoil boat prototype of around 12 meters, based on the initial studies conducted under the EDIDP 2020 project TRANSLYTOR. ARROW will be able to fly-above-the-sea, increasing sailing stability and autonomy in rough sea conditions. The autonomous systems managing both boat navigation and operations, combined with a hydrofoil system, will represent a significant advantage for European navies particularly for intelligence, surveillance, and reconnaissance, and special operations missions.



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

 NAME OF THE ENTITY	 COUNTRY
SEAIR SOLUTIONS (Coordinator)	France
C&V CONSULTING	Belgium
D3 APPLIED TECH SL	Spain
Knierim Yachtbau GmbH	Germany
MARITIME ROBOTICS AS	Norway

