



**EUROPEAN UNION**

# EUROPEAN DEFENCE FUND



# SWAT-SHOAL

SWArm and Teaming operation of manned & unmanned underwater vehicle SHOAL

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2022

**CALL TITLE:**

Research actions

**TOPIC TITLE:**

Underwater manned-unmanned teaming and swarms

**DURATION OF THE PROJECT:**

36

**TYPE(S) OF ACTIVITIES:**

Studies, Generating knowledge, Integrating knowledge, Design

**ESTIMATED TOTAL COST:**

€ 25,000,000.00

**MAXIMUM EU CONTRIBUTION :**

€ 25,000,000.00



## SHORT DESCRIPTION OF THE PROJECT:

**SWAT-SHOAL will improve collaboration between manned and unmanned assets in missions against moving subsurface threats.**

SWAT-SHOAL develops a concept of a system-of-systems, based on swarming technologies, to integrate manned and unmanned naval assets, collaborating effectively as a team to achieve greater performance and efficiency in a broad spectrum of underwater missions against moving subsurface threats. The system will enable that different vehicle types, working in a team as a single unit, can face more complex scenarios, or that they are organized as a squad assigning a defined task to each platform.



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