

SWARM-C3

Command, Control, and Communications for Multi-X Swarms

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Disruptive EDF research actions

TOPIC TITLE:

Non-thematic research actions targeting disruptive technologies

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Generating knowledge, Integrating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 3,997,045.57

MAXIMUM EU CONTRIBUTION :

€ 3,997,045.57





SHORT DESCRIPTION OF THE PROJECT:

The goal of SWARM-C3 is to bring a radical new vision to the management of swarms of autonomous systems.

SWARM-C3 aims to develop a novel Concept of Operations for the management of multi-X swarms of autonomous unscrewed systems. SWARM-C3 is expected to bring a radical new vision to the adoption of multi-X swarms in modern armed conflicts by relying on beyond state-of-the-art multi-domain swarming capabilities, innovative human-machine interfaces and ultra-secure data communication. To gain defence superiority and being a step change in military operations, the solution will be developed over realistic military swarming scenarios.

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

 NAME OF THE ENTITY	 COUNTRY
TEKNOLOGIAN TUTKIMUSKESKUS VTT OY (Coordinator)	Finland
DOTOCEAN	Belgium
INSTA ADVANCE OY	Finland
OLEDCOMM SAS	France
WAYREN	Estonia

