

SWARMER

Swarming Autonomy in non-peRMISSive EnviRonments

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2024

CALL TITLE:

Research actions in the form of a technological challenge

TOPIC TITLE:

Multi-sensor integration for robust autonomous drone navigation – Participation in a technological challenge

DURATION OF THE PROJECT:

48 Months

TYPE(S) OF ACTIVITIES:

Generating knowledge, Integrating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 4,997,006.48

MAXIMUM EU CONTRIBUTION :

€ 4,997,006.48



SHORT DESCRIPTION OF THE PROJECT:

SWARMER will develop a drone swarm capable of independent navigation in GNSS-denied settings, integrating multi-sensor systems and intelligent fusion techniques.

This solution ensures drones can adapt to dynamic conditions and cooperate in swarming formations, enhancing defence capabilities, aligning with the EU's 2023 Capability Development Priorities for Ground Combat, Military Mobility, Infrastructure Protection, and Airborne Command.



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



 **NAME**
OF THE ENTITY

 **COUNTRY**

IKNOWHOW SA (Coordinator)

Greece

APPLIED INTELLIGENCE ANALYTICS LIMITED

Ireland

DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT EV

Germany

ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS

Greece

ETRA INVESTIGACION Y DESARROLLO SA

Spain

ICARUS SWARMS

France

SIGNALGENERIX LIMITED

Cyprus

STOWARZYSZENIE POLSKA PLATFORMA BEZPIECZENSTWA
WEWNĘTRZNEGO

Poland

THALES

France

