

# SWARMER

## Swarming Autonomy in non-peRMissive EnviRonments

### SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2024

**CALL TITLE:****TOPIC TITLE:****DURATION OF THE PROJECT:****TYPE(S) OF ACTIVITIES:****ESTIMATED TOTAL COST:****MAXIMUM EU CONTRIBUTION :**

Research actions in the form of a technological challenge  
Multi-sensor integration for robust autonomous drone navigation – Participation in a technological challenge

48 Months

Generating knowledge, Integrating knowledge, Studies, Design

€ 4,997,006.48

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### 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:**

 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
IKNOWHOW SA (Coordinator)	Greece
APPLIED INTELLIGENCE ANALYTICS LIMITED	Ireland
DEUTSCHES ZENTRUM FÜR 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 WEWNETRZNEGO	Poland
THALES	France

