

ALTISS

Highly Automated Swarm of Affordable ISR Long Endurance UAVs for force protection

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:

Open call dedicated to SMEs for development of innovative and future-oriented defence solutions

TOPIC TITLE:

Development of innovative and future-oriented defence solutions

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Studies; Design; Prototyping; Testing

ESTIMATED TOTAL COST:

€ 3,860,321.98

MAXIMUM EU CONTRIBUTION :

€ 3,202,501.08



SHORT DESCRIPTION OF THE PROJECT:



ALTISS will provide improved ISR (Intelligence, Surveillance and Reconnaissance) capacity through an affordable resilient UAVs (Unmanned Air Vehicle) swarm.

The project “Highly Automated Swarm of Affordable ISR Long Endurance UAVs for force protection” (ALTISS) will be based on innovative solutions for communication and flight management, enhanced image processing algorithms for light UAV and automated event detection, and enhanced SIGINT (Signal Intelligence) sensors to detect and localise radio emitters and merge info with image processing to improve the identification of targets. It is an innovative solution that will improve force protection while decreasing collateral damages and logistic footprint.



**MEMBERS OF THE CONSORTIUM AND
COUNTRY OF ESTABLISHMENT:**



 NAME OF THE ENTITY	 COUNTRY
MAGELLIUM SAS (Coordinator)	France
M3 System Belgium	Belgium
Radionor Communications AS	Norway
SAGAX Communications Ltd	Hungary