



**EUROPEAN UNION**

# EUROPEAN DEFENCE FUND



# CONVOY

Cloud intelligent explosive detection system

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2022

**CALL TITLE:**

Research Actions – Technological Challenge

**TOPIC TITLE:**

Unmanned ground and aerial systems for hidden threats detection

**DURATION OF THE PROJECT:**

48

**TYPE(S) OF ACTIVITIES:**

Generating knowledge, Integrating knowledge, Studies, Design

**ESTIMATED TOTAL COST:**

€ 4,986,989.50

**MAXIMUM EU CONTRIBUTION :**

€ 4,986,989.50



## SHORT DESCRIPTION OF THE PROJECT:

**CONVOY will improve the detection of improvised explosive devices through sensor learning in a cloud infrastructure.**

The CONVOY project will combine sensing technologies for the detection and recognition of hidden threats, including improvised explosive devices (IEDs) and landmines. The combinations of intelligent robots, drones and sensing technologies will utilise tactical cloud infrastructures and explore artificial intelligence to detect, recognise and avoid/neutralise hidden threats.





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

 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
GMV AEROSPACE AND DEFENCE (Coordinator)	Spain
AALBORG UNIVERSITET	Denmark
AIRBUS DEFENCE AND SPACE	Germany
APPLIED INTELLIGENCE ANALYTICS	Ireland
ATOS INFORMATION TECHNOLOGY	Germany
AUREA AVIONICS	Spain
ECOLE ROYALE MILITAIRE - KONINKLIJKE MILITAIRE SCHOOL	Belgium
FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG	Germany
NUMALIS	France
XENOMATIX	Belgium