

BODYGUARD

Autonomous SSA Bodyguard Onboard Satellite

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Research actions on space

TOPIC TITLE:

Threats surveillance and protection of space assets

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Generating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 6,478,087.50

MAXIMUM EU CONTRIBUTION :

€ 6,478,087.50



SHORT DESCRIPTION OF THE PROJECT:

BODYGUARD aims to develop autonomous space situational awareness capabilities onboard satellites.

BODYGUARD aims to develop building blocks for autonomous space situational awareness capabilities onboard satellites to increase Europe's independence and superiority in space. The project emerges as a ground-breaking collaborative initiative aimed at elevating the on-board threat detection, assessment and monitoring, as well as protection and resilience capabilities of space assets against a diverse range of threats. In close proximity, it can detect weak-points of the threat satellite and counteract with a robot or laser.



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



 NAME OF THE ENTITY	 COUNTRY
AGENIUM SPACE (Coordinator)	France
ELENIK TEKNOLOTZY OF ROMPOTIKS SYMMETOCHON SOCIETE ANONYME	Greece
EMTRONIX SARL	Luxembourg
GBA ZABALA CONSEIL EN INNOVATION SA	France
NETWORK RESEARCH BELGIUM SA	Belgium
OPTRONIC INSTRUMENTS & PRODUCTS	Belgium
OULUN YLIOPISTO	Finland
PHOTONIC	Latvia
POLAR ORBITAL OY	Finland
SHARE MY SPACE	France
SPACE INVENTOR APS	Denmark
VIMOTEK AB	Sweden

