

AIR

(IT) Counter Unmanned Aerial System (C-UAS)

(Established in November 2018)

For Public Release

PROJECT DESCRIPTION

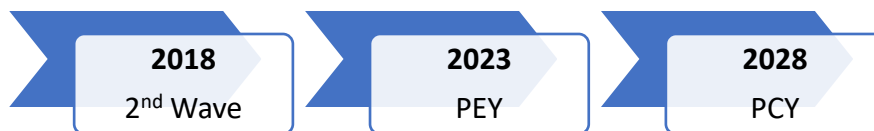
The aim is to develop an advanced and efficient system of systems with C2 dedicated architecture, modular, integrated and interoperable with C2 info-structure, able to counter the threat posed by mini and micro Unmanned Aerial Systems; The system will be swift to deploy and reach operational status, to ensure protection to our troops in operational theatres, as well as being employed for homeland defence, security and dual use tasks; The project will fulfil applicable certification and regulatory requirements, to allow for homeland employment.

OBJECTIVES/PRODUCTS

The project's objective is to develop an advanced and efficient system of systems with C2 dedicated architecture, modular, integrated and interoperable, able to counter the threat posed by the class I Unmanned Aerial Systems. The system will be able to protect troops in operational theatres while moving and fighting ("On The Move" capability), as well as defending critical infrastructures for homeland security tasks. For fostering the project, the EU partners could take into consideration the technical and industrial solutions identified in the ongoing Italian programmes on C-UAS and evaluate to join it.

INDICATORS

Project Execution Year (PEY) and Project Completion Year (PCY):



DELIVERABLES ACHIEVED

- Concept of Employment (CONEMP) of C-UAS system (July 2021).
- C2 of C-UAS system Key Performance Parameters (KPPs) definition (May 2022).
- Sensors Key Performance Parameters (KPPs) definition (June 2022).
- Actuators Key Performance Parameters (KPPs) definition (October 2022).

CRITERIA FOR SUCCESS

- Implementation of all KPPs (requirements) of the C-UAS system for OTM capability.
- Operational prototype realization.



IT, CZ, SE

BE, FI, FR, DE, EL, IE,
LT, NL, PL, PT, ESIDEATION
INCUBATION
EXECUTION
CLOSINGContribution to the
more binding
commitments

Yes

Capability
Perspective

EU CDP priority
Naval Combat and
Maritime
Interdiction
Airborne Command
and Inform
Capabilities

CARD references
A2/AD

Operational
Viewpoint

HICG
Surface Based Air &
Missile Defence



EDA support

No