

CYBER, C4ISR

(IT) European High Atmosphere Airship Platform – Persistent ISR Capability (EHAAP)

(Established in November 2018)

For Public Release

PROJECT DESCRIPTION

High-altitude platforms (HAPs) are aircraft, usually unmanned airships or airplanes positioned above 20km, in the stratosphere, that compose a telecommunications network or perform remote sensing enhancing the dual-use spectrum of operations. The EHAAP will provide excellent dual-use characteristics, delivering the following capabilities:

- Communication relay.
- Missile warning.
- Airspace and maritime surveillance and control.
- Aerial and ground RSTA (reconnaissance, surveillance, and target acquisition).
- Fire coordination.
- Position/navigation.
- Weather monitoring.
- Electronic countermeasures.
- Air defence/cruise missile defence/tactical missile defence.
- Air to ground weapons platform.



IT, FR



HU, NL, PL

IDEATION
INCUBATION
EXECUTION
CLOSINGContribution to the
more binding
commitments

Yes

Capability
PerspectiveEU CDP priority
Future Soldier
SystemCARD references
Male & Hale RPASOperational
ViewpointHICG
Joint Intelligence
Surveillance &
Reconnaissance
(JISR)

EDA support

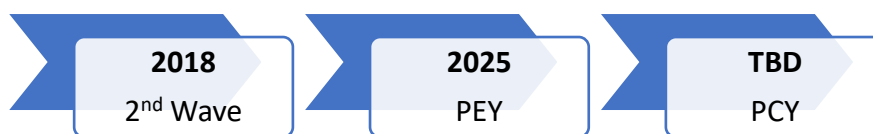
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OBJECTIVES/PRODUCTS

The objective of the project is to achieve operational capability, based on a System of systems approach, complementing innovative ISR Strategic Platforms for supporting ISR capability, performing high persistence on a large area of interest at high altitude.

INDICATORS

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



DELIVERABLES ACHIEVED

- HL Mission-Needs Requirements.

CRITERIA FOR SUCCESS

- To be defined.