

STRATEGIC ENABLERS & FORCE MULTIPLIERS

(IT) European Global RPAS Insertion Architecture System (GLORIA)

(Established in November 2019)

For Public Release

PROJECT DESCRIPTION

The project stems from 15 years of Italian Airforce expertise in RPAS operational employment, management (in terms of regulations, airspace insertion and flight safety). It aims at the common development of a Modelling Simulation system able to evaluate and mitigate safety and security issues connected to, initially, RPAS integration in future congested airspace (in the short to medium term) according to a military and air defence perspectives. In that respect, the project expands the capabilities through a Risk Reduction Tool based on MS geo-federated network, linking Air C2, Air Traffic Management, Air Defence and RPAS planning and execution stakeholders. In addition, the project is meant to develop a common basic and advance training capability for EU Member States, based on selected strategic RPAS (e.g.: Predator, EU-MALE etc.) and C-UAS Systems.

OBJECTIVES/PRODUCTS

The project objectives are:

- To develop a robust and persistent Modelling Simulation (MS) architecture.
- To analyse, evaluate and define RPAS innovative procedures including insertion and integration into the Single European Sky system.
- To establish a multinational Competence Centre able to assure development of Concepts, Doctrines and Standardization for UAS and C-UAS employment as well as basic and advanced training on selected RPA Systems.

INDICATORS:

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



DELIVERABLES ACHIEVED

- No deliverables achieved yet.

CRITERIA FOR SUCCESS

- Identification and definition of common UAS & C-UAS operating procedures as well as the required standardization throughout an overarching UAS & C-UAS Training establishment.



IT, FR, RO



CY, CZ, NL, PT, SE

IDEATION
INCUBATION
EXECUTION
CLOSINGContribution to the
more binding
commitments
YesCapability
PerspectiveEU CDP priority
Airborne Command
and Inform
Capabilities
Space OperationsCARD references
N/AOperational
ViewpointHICG
Common Exercises
& Training
JISR & Air Precision
Strike - UnmannedEDA support
No