

LAND

(EE) Integrated Unmanned Ground System (iUGS)

(Established in November 2018/Closed 2024)

For Public Release

PROJECT DESCRIPTION

The project will develop a UGS capable of manned-unmanned and unmanned-unmanned teaming with other robotic unmanned platforms and manned vehicles to provide combat support (CS) and combat service support (CSS) to ground forces. The outcome of the development will be an integrated system of manned vehicles in combination with unmanned ground and air vehicles with different payloads, sensors and mission capabilities.

OBJECTIVES/PRODUCTS

To develop a Modular Unmanned Ground System with the following capabilities:

- Modular, multi-mission-capable UGV on which a variety of payloads can be mounted to support various mission functionalities (transport, fire-support, ISR, EWC, etc.) and integration of required sensors and communication systems.
- EW resistant networking Command, Control & Communications (C3) solution.
- Cyber secure autonomous functions solution.

INDICATORS

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



DELIVERABLES ACHIEVED

- iMUGS final technical report to DEFIS (former EDIDP) closed in May 2023.
- iMUGS final performance report to DEFIS (former EDIDP) closed in May 2023.
- iMUGS final financial and period report to DEFIS (former EDIDP) closed in November 2024.

CRITERIA FOR SUCCESS (Closed)

- Create a system of manned vehicles in combination with unmanned ground and air vehicles with different payloads, sensors and mission capabilities for the use of all pMS.
- Successful completion of studies, design, prototyping and testing of an integrated modular UGS platform by 2023 with architecture that can become a standard for the follow-on projects.

EE, BE, CZ, DE, ES,
FI, FR, LV, NL, PL

EL, IT, SE, HU

IDEATION
INCUBATION
EXECUTION
CLOSING
CLOSED**Contribution to
the more binding
commitments**

Yes

**Capability
Perspective****EU CDP priority**
Ground Combat
Capabilities**CARD references**
Unmanned
Ground Systems**Operational
Viewpoint****HICG**
Land
Intelligence
Surveillance
Target Acquisition
& Reconnaissance
(ISTAR)**EDA support**

No