

iMUGS

Integrated Modular Unmanned Ground System

SELECTED PROJECTS -EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2019

CALL TITLE: Multipurpose unmanned ground system

TOPIC TITLE: N/A

DURATION OF THE PROJECT: 30 months

TYPE(S) OF ACTIVITIES: Studies; Design; System prototyping; Testing

TOTAL COST: € 32,595,365.00

MAXIMUM EU CONTRIBUTION : € 30,600,000.00

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
MILREM AS (COORDINATOR)	Estonia
SAFRAN ELECTRONICS & DEFENSE SAS	France
GT CYBER TECHNOLOGIES OÜ	Estonia
BITTIUM WIRELESS OY	Finland
INSTA DEFSEC OY	Finland
GMV AEROSPACE AND DEFENCE SAU	Spain
KRAUSS-MAFFEI WEGMANN GMBH & CO KG	Germany
DIEHL DEFENCE GMBH & CO KG	Germany
NEXTER SYSTEMS SA	France
LATVIJAS MOBILAIS TELEFONS SIA	Latvia
(UN)MANNED NV	Belgium
ECOLE ROYALE MILITAIRE – KONINKLIJKE MILITAIRE SCHOOL	Belgium
DOTOCEAN NV	Belgium
KAITSEVÄE AKADEEMIA (ESTONIAN MILITARY ACADEMY)	Estonia

SHORT DESCRIPTION OF THE PROJECT:

The project will develop a modular and scalable architecture for hybrid manned-unmanned systems in order to address a large range of missions and to enable easy update or modification of assets and functionalities within the system: aerial and ground platforms, command, control and communication equipment, sensors, payloads and algorithms. For demonstrating the features of the project, the prototype will be based on an existing unmanned ground vehicle and a specific list of payloads.

Related PESCO project: Integrated Unmanned Ground System (UGS)