European Commission

European Union

DRONEDGE-E

Design of an edge computing platform for the autonomous control of swarms of drones in real-time with no single point of failure, automatic generation of algorithms through artificial intelligence

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

CALL TITLE:	**Innovative defence products, solutions, materials and technologies**
TOPIC TITLE:	**N/A**
DURATION OF THE PROJECT:	**24 months**
TYPE(S) OF ACTIVITIES:	**Study**
TOTAL COST:	**€ 1,949,439.00**
MAXIMUM EU CONTRIBUTION :	**€ 1,949,439.00**

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
NEXEDI SA (COORDINATOR)	France
C-ASTRAL	Slovania
OLIMEX LTD	Bulgaria
LINUTRONIX GMBH	Germany

SHORT DESCRIPTION OF THE PROJECT:

The DRONEDGE E project proposes to transfer an existing 3D swarm simulator to the real world implemented on actual fixed wing drones. DRONEDGE E will study the feasibility of a novel architecture, which can be applied to unmanned air systems as well as hybrid systems.

Related PESCO project: Not Applicable