

MPortlSTAR

A Man-Portable vertical take-off ISTAR UAV system

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

EDF-2023-LS-DA-SME

TOPIC TITLE:

EDF-2023-LS-DA-SME-NT

DURATION OF THE PROJECT:

27 Months

TYPE(S) OF ACTIVITIES:

Studies, Design, System prototyping, Testing, Integrating knowledge, Generating knowledge

ESTIMATED TOTAL COST:

€ 5,133,594.09

MAXIMUM EU CONTRIBUTION :

€ 4,521,399.93



SHORT DESCRIPTION OF THE PROJECT:

MPortlSTAR will develop an uncrewed aerial vehicle platform that will offer target acquisition tasks at a significantly reduced cost.

MPortlSTAR aims to develop man-portable vertical take-off uncrewed aerial vehicle (UAV) weighing less than 15kg, with integrated laser target designator, compatible with standard NATO laser-guided precision munition. The platform will demonstrate cost-effectiveness, amounting to only one-fifth of the expenses associated with large UAVs. This makes it capable of assuming target acquisition tasks from larger UAVs at a significantly reduced cost.

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**Members of the consortium and
country of establishment:**



NAME

OF THE ENTITY



COUNTRY

ORIGIN ROBOTICS, SIA (Coordinator)

Latvia

AKTYVUS PHOTONICS UAB

Lithuania

LEOSYS LASER AND ELECTRO-OPTIC SYSTEMS GMBH

Germany

