



MUSHER

Development of a generic European Manned unManned Teaming (e-MUMT) system

SELECTED PROJECTS EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2020

CALL TITLE:	Air combat capabilities
TOPIC TITLE:	Upgrading or developing next generation combat helicopters
DURATION OF THE PROJECT:	36 months
TYPE(S) OF ACTIVITIES:	Study; Design; Prototyping; Testing
TOTAL COST:	€ 13,734,525.81
MAXIMUM EU CONTRIBUTION:	€ 9,958,337.31

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
THALES AVS FRANCE SAS (COORDINATOR)	France
AIRBUS HELICOPTERS SAS	France
INDRA SISTEMAS S.A.	Spain
LEONARDO S.P.A.	Italy
MOEYERSONS NV	Belgium
ROYAL MILITARY ACADEMY	Belgium
SPACE APPLICATIONS SERVICES NV/SA	Belgium

SHORT DESCRIPTION OF THE PROJECT:

MUSHER aims to improve the European capacity of operating both manned and unmanned aerial platforms.

The main goal of the project "Development of a generic European Manned unManned Teaming system" (MUSHER) is to design a scalable European Manned unManned Teaming (e-MUMT) system, allowing manned rotorcraft platforms and unmanned platforms from European forces to interoperate. The system will robustly operate in a multi-environment (civil, military or mixed), optimise the crew load and security and deliver maximum capacity for the operational mission. High-level interoperability, reinforced Unmanned Aerial Vehicle autonomy, improved Human-Machine Interfaces on board and on ground components, will be the main source of crew load reduction and improved safety.

Related PESCO project: EU Collaborative Warfare Capabilities (ECoWAR)

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