



# CARMENTA |

Future European Self Protection System for Fixed Wing (Transport, Mission) and Rotary Wing (Transport, Combat) airborne platforms

## SELECTED PROJECTS EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2020

<b>CALL TITLE:</b>	<b>Air combat capabilities</b>
<b>TOPIC TITLE:</b>	<b>Self-protection systems for fixed and rotary wing aircraft</b>
<b>DURATION OF THE PROJECT:</b>	<b>30 months</b>
<b>TYPE(S) OF ACTIVITIES:</b>	<b>Study; Design</b>
<b>TOTAL COST:</b>	<b>€ 9,699,577.91</b>
<b>MAXIMUM EU CONTRIBUTION:</b>	<b>€ 8,126,894.28</b>

## MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
ELETTRONICA S.P.A. (COORDINATOR)	Italy
AIRBUS DE	Germany
AIRBUS DEFENCE AND SPACE SAU	Spain
AIRBUS HELICOPTERS ESPAÑA S.A.	Spain
BPTI	Lithuania
DA-GROUP	Finland
HENSOLDT SENSORS GMBH	Germany
INDRA SISTEMAS; S.A.	Spain
LEONARDO S.P.A.	Italy
MBDA FRANCE - FUTURE SYSTEMS	France
SAAB (S3G)	Germany
SAFRAN ELECTRONICS & DEFENSE	France
TERMA A/S	Denmark
THALES DMS FRANCE SAS	France

## SHORT DESCRIPTION OF THE PROJECT:

**CARMENTA aims to design the next generation of Self Protection System (SPS) for both Fixed and Rotary Wings platforms.**

The project "Future European Self Protection System for Fixed Wing and Rotary Wing airborne platforms" (CARMENTA) will design a self-protection system (SPS) for aerial platforms able to face a wide and heterogeneous spectrum of current and evolving threats in the operational area, and to select the proper reaction mode. It will make use of Artificial Intelligence and cognitive behaviour to support sensor system behaviour in a complex environment and will be based on Open Architecture and International Standards to enable and easy integration into legacy and future platforms and implementation of new technologies.