EUDAAS |

European Detect and Avoid (DAA) function based on new sensors and processing for RPAS integration into air-traffic management

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

CALL TITLE:	**Permanent air or space capabilities for Intelligence, Surveillance and Reconnaissance (ISR) and communication, tactical Remotely Piloted Air Systems (RPAS) and sensor suite for integration into air-traffic management**
TOPIC TITLE:	**European Detect and Avoid (DAA) function based on new sensors and processing for RPAS integration into air-traffic management**
DURATION OF THE PROJECT:	**36 months**
TYPE(S) OF ACTIVITIES:	**Study; Design; Prototyping; Testing**
TOTAL COST:	**€ 27,443,729.00**
MAXIMUM EU CONTRIBUTION :	**€ 21,197,536.28**

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
SAAB AKTIEBOLAG (COORDINATOR)	Sweden
CENTRO ITALIANO RICERCHE AEROSPAZIALI CIRA S.C.P.A.	Italy
DIEHL DEFENCE GMBH & CO. KG	Germany
DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT	Germany
HENSOLDT SENSORS GMBH	Germany
INDRA SISTEMAS,SOCIEDAD ANONIMA	Spain
LEONARDO S.P.A.	Italy
SAFRAN ELECTRONICS & DEFENSE	France
THALES SIX GTS FRANCE SAS	France
ONERA	France

SHORT DESCRIPTION OF THE PROJECT:

The EUDAAS project will develop and validate a 100% European Detect And Avoid (DAA) solution for safe insertion of large military Remotely-Piloted Air Systems (RPAS) in the European air traffic so that RPAS can operate along with other manned and unmanned aircrafts. EUDAAS will also increase the maturity of non-cooperative sensors, to enable the use of RPAS in a much wider and flexible way than currently possible.

The project addresses the current user needs by focusing on specific use cases such as the European MALE RPAS.

Related PESCO project: European Medium Altitude Long Endurance Remotely Piloted Aircraft Systems – MALE RPAS (Eurodrone)