



# ODIN'S EYE |

multinational Development Initiative for a Space-based missile early-warning architecture

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

<b>CALL TITLE:</b>	<b>Space Situational Awareness (SSA) and early warning capabilities</b>
<b>TOPIC TITLE:</b>	<b>Early warning against ballistic missile threats through initial detection and tracking of ballistic missiles before handing over to ground based radars</b>
<b>DURATION OF THE PROJECT:</b>	<b>24 months</b>
<b>TYPE(S) OF ACTIVITIES:</b>	<b>Study</b>
<b>TOTAL COST:</b>	<b>€ 7,814,228.02</b>
<b>MAXIMUM EU CONTRIBUTION :</b>	<b>€ 7,498,536.27</b>

## MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
OHB SYSTEM AG (COORDINATOR)	Germany
AIRBUS DEFENCE AND SPACE SAS	France
ARIANEGROUP SAS	France
DEIMOS ENGINEERING AND SYSTEMS SLU	Spain
DIEHL DEFENCE GMBH & CO. KG	Germany
ELSYS PRO UAB	Lithuania
FRAUNHOFER- GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	Germany
GMV AEROSPACE AND DEFENCE; S.A.U.	Spain
HENSOLDT OPTRONICS GMBH	Germany
HERTZ SYSTEMS LTD SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSC IA	Poland
INDUSTRIEANLAGENB ETRIEBSGESELLSCHAFT MIT BEGRENZTER HAFTUNG	Germany
INTRACOM DEFENSE SINGLE MEMBER S.A	Greece
INDRA SISTEMAS; SOCIEDAD ANÓNIMA	Spain
ISAWARE OY	Finland
LEONARDO – SOCIETÀ PER AZIONI	Italy
MBDA DEUTSCHLAND GMBH	Germany
STICHTING NATIONAAL LUCHT- EN RUIMTEVAARTLABORATORIUM	Netherlands
OPTRONIC INSTRUMENTS AND PRODUCTS N.V.	Belgium

L'OFFICE NATIONAL D'ÉTUDES ET DE RECHERCHES AÉROSPATIALES	France
RUAG SPACE AUSTRIA GMBH	Austria
SPACEBEL SA	Belgium
ST ANALYTICS GMBH	Germany
TERMA A/S	Denmark
THALES LAS FRANCE SAS	France
THALES ALENIA SPACE FRANCE SAS	France
THALES ALENIA SPACE ITALIA SPA	Italy
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK	Netherlands

### SHORT DESCRIPTION OF THE PROJECT:

**ODIN's EYE will set the basis for the development of an autonomous European early warning capability supporting defence against ballistic missiles and novel hypersonic threats.**

The project "multinational Development Initiative for a Space-based missile early-warning architecture" (ODIN's EYE) contributes to the development of a European space based missile early warning (SBMEW) capability to create a situational threat awareness against ballistic and hypersonic threats and generate the basis for European or national actions. Through its initial studies, requirement definitions and architectures trade-offs ODIN's EYE initiative will set the basis for a future multilateral predevelopment programme of the SBMEW capability to serve the European strategic and security goals.

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