



**EUROPEAN  
UNION**

# EUROPEAN DEFENCE FUND



# TIRESYAS

Technology Innovation for Radar European SYstem ApplicationS

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2022

**CALL TITLE:**

Research actions

**TOPIC TITLE:**

Advanced radar technologies

**DURATION OF THE PROJECT:**

36

**TYPE(S) OF ACTIVITIES:**

Studies, Design, Integrating knowledge, Generating knowledge

**ESTIMATED TOTAL COST:**

€ 14,994,950.02

**MAXIMUM EU CONTRIBUTION :**

€ 14,994,950.02



## SHORT DESCRIPTION OF THE PROJECT:

**TIRESYAS will counteract challenging emerging threats and hypersonic missiles with increasing sensor resilience and sustainability.**

The project TIRESYAS aims at countering emerging threats with increasing sensor resilience. Boosting the cooperation launched under the ARTURO project (Advanced Radar Technologies in eUROpe, funded under EDF2021), TIRESYAS will pursue new research activities including new approaches to radar surveillance and target tracking through innovative algorithms able to combine different radar architectures and will further advance towards a fully digital and disruptive multi-function/multi-domain/multi-platform radar system.



@defis\_eu



**#StrongerEurope  
#EUDefenceIndustry**

© European Union, 2023. Reuse of this document is allowed, provided appropriate credit is given and any changes are indicated.



**MEMBERS OF THE CONSORTIUM AND  
COUNTRY OF ESTABLISHMENT:**



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
Leonardo SpA (Coordinator)	Italy
AALTO KORKEAKOULUSAATIO SR	Finland
AIRBUS DEFENCE AND SPACE GMBH	Germany
BALTIJOS PAZANGIU TECHNOLOGIJU INSTITUTAS	Lithuania
BUMAR ELEKTRONIKA SA	Poland
CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI	Italy
CoreHW Semiconductor Oy	Finland
ECHOES SRL	Italy
ELETTRONICA SpA	Italy
FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV	Germany
HENSOLDT SENSORS GMBH	Germany
INDRA SISTEMAS SA	Spain
MARDUK TECHNOLOGIES OU	Estonia
MBDA ITALIA SPA	Italy
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	Netherlands

**MEMBERS OF THE CONSORTIUM AND  
COUNTRY OF ESTABLISHMENT:**



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
Rheinmetall Italia S.p.A	Italy
SAAB AKTIEBOLAG	Sweden
SAS UPMEM	France
SATWAYS-OLOKLIROMENES LYSEIS ASFALEIAS KAI AMYNAS- IDIOTIKI EPICHEIRISI PAROCHIS YPIRESION ASFALEIAS (IEPYA)-ETAIREIA PERIORISMENIS EFTHYNIS	Greece
SenTech Srl	Italy
THALES DMS FRANCE SAS	France
THALES NEDERLAND BV	Netherlands
TOTALFORSVARETS FORSKNINGSINSTITUT	Sweden
UNIVERSITAT POLITECNICA DE VALENCIA	Spain
XY-Sensing sp. z o. o.	Poland