

# FaRADAI

Frugal and Robust AI for Defence Advanced Intelligence

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

**CALL TITLE:**

Artificial intelligence

**TOPIC TITLE:**

Frugal learning for rapid adaptation of AI systems

**DURATION OF THE PROJECT:**

42 months

**TYPE(S) OF ACTIVITIES:**

Generating knowledge; Integrating knowledge; Studies

**ESTIMATED TOTAL COST:**

€ 18,498,239.16

**MAXIMUM EU CONTRIBUTION :**

€ 18,498,239.16



## SHORT DESCRIPTION OF THE PROJECT:



**FaRADAI will develop robust artificial intelligence for defence applications**

The project “Frugal and Robust AI for Defence Advanced Intelligence” (FaRADAI) focusses on frugal learning, i.e. the ability of a system to adapt and learn from its’ environment, including from user supervision, for a reasonable cost and without intervention from expert developers. Within the FaRADAI project, current advances in AI technologies will be thoroughly researched in parallel with a detailed study of the main challenges imposed by a defence system.



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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS - CERTH (Coordinator)	Greece
BALTIJOS PAZANGIU TECHNOLOGIJU INSTITUTAS	Lithuania
BIANOR SERVICES EOOD	Bulgaria
C&V CONSULTING	Belgium
COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	France
CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI	Italy
DEFSECINTEL SOLUTIONS OU	Estonia
E-GEOS SPA	Italy
EXUS SOFTWARE MONOPROSOPI ETAIRIA PERIORISMENIS EVTHINIS	Greece
FLYSIGHT SRL	Italy
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	Germany
FUNDACION TECNALIA RESEARCH & INNOVATION	Spain
HENSOLDT OPTRONICS GMBH	Germany
INDRA SISTEMAS SA	Spain
INFILI TECHNOLOGIES SOCIETE ANONYME	Greece

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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
INSTITUT PO OTBRANA	Bulgaria
LEONARDO - SOCIETA PER AZIONI	Italy
LINK CAMPUS UNIVERSITY	Italy
MARINTRAFIK OPEREISONS ANONYMI ETAIREIA PLIROFORIKIS	Greece
MBDA ITALIA SPA	Italy
NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	Greece
NAVAL GROUP	France
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	Netherlands
OKTAL SYNTHETIC ENVIRONMENT	France
RHEINMETALL ELECTRONICS GMBH	Germany
RIGAS TEHNISKA UNIVERSITATE	Latvia
SAFRAN ELECTRONICS & DEFENSE	France
SATWAYS	Greece
SKA POLSKA SPOLKA Z OGRANICZONA ODPOWIEDZIALNO	Poland
STAM SRL	Italy

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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
SZAMITASTECHNIKAI ES AUTOMATIZALASI KUTATOINTEZET	Hungary
THALES	France
THALES PROGRAMAS DE ELECTRONICA Y COMUNICACIONES SA	Spain
THALES SIX GTS FRANCE SAS	France
UNIVERSIDAD POLITECNICA DE MADRID	Spain