



ADEQUADE

Advanced, Disruptive and Emerging QUAntum technologies for DEfense

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:

Research for disruptive technologies for defence applications

TOPIC TITLE:

Quantum technologies

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Generating and integrating knowledge; Studies; Design

ESTIMATED TOTAL COST:

€ 27,433,831.28

MAXIMUM EU CONTRIBUTION :

€ 27,433,831.28



SHORT DESCRIPTION OF THE PROJECT:

ADEQUADE will focus on breakthrough in quantum technologies for defence.

The project “Advanced, Disruptive and Emerging QUAntum technologies for DEfense” (ADEQUADE) aims at providing a breakthrough in different quantum-sensing domains which will develop capabilities with significant technological, operational and strategic advantages over existing defence products or technologies in different warfare areas.





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



 NAME OF THE ENTITY	 COUNTRY
THALES (Coordinator)	France
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	France
CHILAS BV	Netherlands
CONSIGLIO NAZIONALE DELLE RICERCHE	Italy
DIEHL DEFENCE GMBH & CO. KG	Germany
ECOLE NORMALE SUPERIEURE PARIS-SACLAY	France
ELETTRONICA SPA	Italy
FLYSIGHT SRL	Italy
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	Germany
FUNDACIO INSTITUT DE CIENCIES FOTONIQUES	Spain
G.E.M. ELETTRONICA SRL	Italy
INDRA SISTEMAS SA	Spain
ISTITUTO NAZIONALE DI RICERCA METROLOGICA	Italy
iXblue	France
Laser Centre, University of Latvia	Latvia

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



 NAME OF THE ENTITY	 COUNTRY
LEONARDO - SOCIETA PER AZIONI	Italy
MBDA ITALIA SPA	Italy
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	Netherlands
OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES	France
POLITECNICO DI MILANO	Italy
QUIX QUANTUM BV	Netherlands
RHEINMETALL ELECTRONICS GMBH	Germany
SAFRAN ELECTRONICS & DEFENSE	France
SENER AEROSPACIAL SOCIEDAD ANONIMA	Spain
SORBONNE UNIVERSITE	France
SUPRACON AG	Germany
Technical University of Denmark	Denmark
TELESPAZIO SPA	Italy
Universita degli Studi di Bari Aldo Moro	Italy
UNIVERSITY OF STUTTGART	Germany

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



NAME
OF THE ENTITY

Univerzita Palackého v Olomouci



COUNTRY

Czechia