



AGAMI_EURIGAMI

European Innovative GaN Advanced Microwave Integration

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:

Advanced materials and structures, and critical electronics

TOPIC TITLE:

Advanced RF components

DURATION OF THE PROJECT:

48 months

TYPE(S) OF ACTIVITIES:

Integrating knowledge; Studies; Design

ESTIMATED TOTAL COST:

€ 24,555,323.82

MAXIMUM EU CONTRIBUTION :

€ 24,555,323.82



SHORT DESCRIPTION OF THE PROJECT:

AGAMI_EURIGAMI will focus on Gallium Nitride (GaN) integration for radar and electronic warfare.

The project “European Innovative GaN Advanced Microwave Integration” (AGAMI_EURIGAMI) covers the complete supply chain for Gallium Nitride (GaN) starting from epitaxy up to the component packaging and integration in modern electronic defence systems. The project focusses on the improvement of the technology and of the resilience against electrical and environmental threats. The final GaN components and devices will demonstrate an improved performance and protection of the devices in harsh environments.



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



 NAME OF THE ENTITY	 COUNTRY
UNITED MONOLITHIC SEMICONDUCTORS GMBH (Coordinator)	Germany
AIRBUS DEFENCE AND SPACE SA	Spain
BALTIJOS PAZANGIU TECHNOLOGIJU INSTITUTAS	Lithuania
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	France
CHALMERS TEKNISKA HOEGSKOLA AB	Sweden
CIRCUITS INTEGRATED HELLAS IKE	Greece
Commissariat a l'énergie atomique et aux énergies alternatives - Grenoble	France
CONSIGLIO NAZIONALE DELLE RICERCHE	Italy
ELETTRONICA SPA	Italy
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	Germany
HENSOLDT SENSORS GMBH	Germany
IDRYMA TECHNOLOGIAS KAI EREVNAS	Greece
III-V LAB	France
INDRA SISTEMAS SA	Spain
Institute of Electrical Engineering, Slovak Academy of Sciences	Slovakia

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



 NAME OF THE ENTITY	 COUNTRY
INSTITUTUL NATIONAL DE CERCETAREDEZVOLTARE PENTRU MICROTEHNOLOGIE	Romania
LEONARDO - SOCIETA PER AZIONI	Italy
MEC - MICROWAVE ELECTRONICS FOR COMMUNICATIONS SRL	Italy
MICROWAVE CHARACTERIZATION CENTER	France
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	Netherlands
SAAB AKTIEBOLAG	Sweden
SENCIO BV	Netherlands
SOITEC BELGIUM NV	Belgium
SVEUCILISTE U ZAGREBU FAKULTET ELEKTROTEHNIKE I RACUNARSTVA	Croatia
SWEGAN AB	Sweden
SYNERGIE CAD GROUP SAS891380628	France
THALES DMS FRANCE SAS	France
THALES NEDERLAND BV	Netherlands
UNITED MONOLITHIC SEMICONDUCTORS SAS	France
UNIVERSIDAD DE VIGO	Spain

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



 NAME OF THE ENTITY	 COUNTRY
UNIVERSIDAD POLITECNICA DE MADRID	Spain
UNIVERSITA DEGLI STUDI DI PADOVA	Italy
UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA	Italy
UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA	Italy