

# iFURTHER

High Frequency Over The Horizon Sensors' Cognitive Network

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

**CALL TITLE:**

Research for disruptive technologies for defence applications

**TOPIC TITLE:**

Over-the-horizon radars applications

**DURATION OF THE PROJECT:**

36 months

**TYPE(S) OF ACTIVITIES:**

Studies; Design

**ESTIMATED TOTAL COST:**

€ 10,955,937.79

**MAXIMUM EU CONTRIBUTION :**

€ 10,955,937.10



### SHORT DESCRIPTION OF THE PROJECT:

**iFURTHER will address new technologies for air and sea long-range detection.**

The project “High Frequency Over The Horizon Sensors’ Cognitive Network” (iFURTHER) aims at addressing air and sea long-range detection (over the horizon) by developing new technologies to be integrated in a network of High Frequency (HF) infrastructures operating in a collaborative way. iFURTHER offers a disruptive and game-changing concept based on a cognitive network of HF radars for the revolutionary enhancement of European Defence.





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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
HELLENIC AEROSPACE INDUSTRY SA (Coordinator)	Greece
BHE BONN HUNGARY ELEKTRONIKAI KORLATOLT FELELOSSEGU TARSASAG	Hungary
CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI	Italy
ERA AS	Czech Republic
ETHNIKO ASTEROSKOPEIO ATHINON	Greece
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	Germany
Helzel Messtechnik GmbH	Germany
IMATIK-EFARMOGES YPSILIS TEXNOLOGIAS ETAIREIA PERIORISMENIS EFTHINIS	Greece
INDRA SISTEMAS SA	Spain
Istituto Nazionale di Geofisica e Vulcanologia	Italy
L - UP SAS	France
MINISTRY OF NATIONAL DEFENCE, GREECE	Greece
OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES	France
PATRIA AVIATION OY	Finland
POLITECHNIKA WARSZAWSKA	Poland

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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
SIGNALGENERIX LIMITED	Cyprus
TECHNISCH-MATHEMATISCHE STUDIENGESELLSCHAFT MIT BESCHRANKTER HAFTUNG	Germany
UNIVERSIDAD DE ALCALA	Spain