



EU HYDEF

European Hypersonic Defence Interceptor

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:

Protection against high-velocity aerial threats

TOPIC TITLE:

Endo-atmospheric interceptor – concept phase

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Studies; Design

ESTIMATED TOTAL COST:

€ 109,987,858.95

MAXIMUM EU CONTRIBUTION :

€ 99,988,962.68



SHORT DESCRIPTION OF THE PROJECT:

EU HYDEF will define the concept for a European Interceptor to achieve the highest maneuverability and capability to respond to high velocity threats.

The project “European Hypersonic Defence Interceptor” (EU HYDEF) will develop a European interceptor targeting the 2035+ threats, weapon and sensor systems. The project will result in the concept, risk mitigation and demonstration of a cost-effective endo-atmospheric interceptor able to operate in different air levels encompassing new aerodynamic and actuator system for high maneuverability, highly agile guidance concepts, and advanced sensor/seeker systems.

Related PESCO project: Timely Warning and Interception with Space-based TheatER surveillance (TWISTER)



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



|  NAME OF THE ENTITY |  COUNTRY |
|--|--|
| SENER AEROESPACIAL SOCIEDAD ANONIMA (Coordinator) | Spain |
| DIEHL DEFENCE GMBH & CO. KG | Germany |
| ESCRIBANO MECHANICAL AND ENGINEERING SL | Spain |
| GMV AEROSPACE AND DEFENCE SA | Spain |
| INSTALAZA S.A. | Spain |
| INSTITUTO NACIONAL DE TECNICA AEROESPACIAL ESTEBAN TERRADAS | Spain |
| INSTYTUT TECHNICZNY WOJSK LOTNICZYCH | Poland |
| L. K. ENGINEERING SRO | Czech Republic |
| NAMMO RAUFOSS AS | Norway |
| NAVANTIA S.A. | Spain |
| RUAG SPACE AB | Sweden |
| SIEC BADAWCZA LUKASIEWICZ-INSTYTUTLOTNICTWA | Poland |
| SOCIETE NATIONALE DE CONSTRUCTION AEROSPATIALE SONACA SA | Belgium |