



# EuroHAPS

High altitude platform systems demonstration

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

**CALL TITLE:**

ISR and advanced communications

**TOPIC TITLE:**

High-altitude platform systems

**DURATION OF THE PROJECT:**

38 months

**TYPE(S) OF ACTIVITIES:**

Studies; Design

**ESTIMATED TOTAL COST:**

€ 63,520,763.14

**MAXIMUM EU CONTRIBUTION :**

€ 43,000,000.00



### SHORT DESCRIPTION OF THE PROJECT:

**EuroHAPS will provide airborne technology demonstrators to improve intelligence, surveillance and reconnaissance (ISR) capabilities.**

The project “High altitude platform systems demonstration” (EuroHAPS) will develop 3 major Lighter-than-Air (LTA) technology demonstrators (Strategic Airship, Hybrid Airship and Autonomous Stratospheric balloon system) addressing 4 major ISR missions (3D LiDAR, Communication Intelligence/Infrared, Signal Intelligence and telecommunications) some of which have been never developed in Europe. The main aspects of the technologies will be demonstrated through representative in-flight demonstrators in different EU locations for the benefit of European Military forces.

Related PESCO project: European High Atmosphere Airship Platform (EHAAP)



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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
Thales Alenia Space France (Coordinator)	France
Argotec s.r.l	Italy
C3S Elektronikai Fejlesztő KFT	Hungary
Centro Italiano Ricerche Aerospaziali	Italy
Commissariat à l'Energie Atomique et aux Energies Alternatives	France
Concept Composites Auvergne	France
Consorzio di Ricerca Hypatia	Italy
Elektroniksystem- und Logistik-GmbH	Germany
Elettronica S.p.A	Italy
Institut franco-allemand de recherches de Saint-Louis	France
Instituto Nacional de Técnica Aeroespacial	Spain
Leonardo S.p.A	Italy
Multi-Informática Principado S.L.	Spain
Nablawave s.r.l	Italy
Office National d'Etudes et de Recherches Aéropatiales	France

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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
Sener Aeroespacial SA	Spain
Stratosyst s.r.o	Czech Republic
TAO Trans Atmospheric Operations GmbH	Germany
Thales Alenia Space España S.A.	Spain
Thales Alenia Space Italia S.p.A	Italy
Unisphere GmbH	Germany