

ANNUAL REPORT
URTEKO TXOSTENA
INFORME ANUAL

2025

... Member of



... Collaborator of



... Registered at



The **Aeronautics** and
Space Cluster Association
of the **Basque Country**,
HEGAN is...



AIRBUS A220-300

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AERNNOVA

PRESENTATION AURKEZPENA PRESENTACIÓN

1



PRESENTATION

As President of HEGAN, it is my pleasure to present and share with you the Cluster's Annual Report for the 2025 financial year. It has been an especially successful year for HEGAN, in which our Members have once again demonstrated their ability to grow, adapt and create value in an increasingly demanding and constantly evolving international environment.

If last year we spoke of record-breaking figures, today we can confidently say that this sustained growth trend has become firmly established. In 2025, we maintained double-digit growth, achieving a 14.9% increase in revenue and a 6.4% rise in employment. Despite the complex circumstances we have faced, our Member organisations have responded with strategic vision, commitment and resilience. The Basque Aeronautics and Space sector now employs 6,259 people directly in the Basque Country, further consolidating its position as a key industrial driver. Together with a range of equally significant indicators, this highlights the sector's growing contribution to local development.

These results are the product of the sustained efforts of an ecosystem that has made innovation, technological development and industrial excellence its defining strengths. The AeroSpace sector remains one of the most R&D&I-intensive industries in the Basque economy. In 2025 alone, it invested more than €213 million in research and development activities and employed over 2,400 professionals in this field.

We are also at an exciting and pivotal moment for our industry. The long-term evolution of air transport, the rapid expansion of the space economy, the development of new capabilities in security, defence and dual-use technologies, together with the need to strengthen Europe's strategic autonomy, have positioned the AeroSpace sector as one of the strategic industrial and technological pillars of our region. Against this backdrop, the industrial, scientific and technological capabilities developed in the Basque Country are becoming increasingly valuable.

Throughout 2025, and in line with our Strategic Plan, we continued to strengthen collaboration between Companies, Technology Centres, Universities and Public Institutions, driving initiatives aimed at enhancing competitiveness, fostering innovation and strengthening the international positioning of our Cluster. None of this would have been possible without the commitment of our Members and the steadfast support of the public authorities, with whom we share the same ambition: to continue building an advanced, sustainable industry that creates prosperity and high-quality employment.

I would also like to pay special tribute to Iñaki López Gandásegui in the year of his passing. His commitment to the creation of HEGAN and his contribution to the development of the Aeronautics and Space sector have made him a defining figure in our industry. His vision, leadership and dedication will remain an integral part of our Cluster's history and identity.

I would like to conclude by thanking all the people, companies and organisations that make up HEGAN for their dedication and hard work. Their daily commitment provides the foundation on which we will continue to build a sector that is strategic to the technological, industrial, economic and social development of the Basque Country.

Hipólito SUÁREZ /// President of HEGAN

HEGANeko lehendakari naizen aldetik, ohore handia da 2025eko ekitaldiari dagokion Klusterraren Memoria aurkeztea eta zuekin partekatzea. Bereziki positiboa izan da urte hau HEGAN elkartearentzat, eta enpresa elkartuek berriro erakutsi dute hazteko, egokitzeko eta balioa sortzeko gaitasuna dutela, etengabe eraldatzen ari den nazioarteko testuinguru zorrotz honetan.

Aurreko ekitaldian, zifrek markak hautsi zituztela esan bagenuen, gaurkoan, esan dezakegu sendotu egin dela hazkunde iraunkorrerako joera hori. 2025ean, 2 digitutik gorako hazkundeari eutsi diogu, fakturazioan %14,9ko igoera eta enpleguan %6,4koa lortuta. Bizi dugun egoera konplexuaren aurrean, gure erakunde elkartuek ikuspegi estrategikoaren, konpromisoaren eta erresilientziaren bidetik erantzuten jakin dute. EAeko aeronautikaren eta espazioaren sektorea 6.259 zuzeneko langile izatera iritsi da Euskadin, eta trakzio-industria gisa finkatu da. Beraz, beste adierazle garrantzitsu batzuekin batera, agerian uzten du horrek gero eta ekarpen handiagoa egiten diola tokiko garapenari sektoreak.

Berrikuntza, garapen teknologikoa eta industria-bikaintasuna elementu bereizgarri bihurtu dituen ekosistema baten etengabeko lanaren ondorio dira emaitza horiek. Sektore aeroespazialak euskal ekonomiaren I+G+b arloko intentsiboenetakoa bat izaten jarraitzen du, eta, 2025ean, 213 milioi euro baino gehiago bideratu ditu ikerketa- eta garapen-jardueretara, eta 2.400 profesional baino gehiago bildu ditu arlo horretan.

Gainera, gure industriari ilusioa ekarri dion une garrantzitsua bizi dugu. Aireko garraioaren epe luzerako bilakaerak eta ikuspegiak, ekonomia espazialaren gorakadak, segurtasunari, defentsari eta teknologia dualei lotutako gaitasun berrien garapenak eta Europako autonomia estrategikoa indartzeko beharrak gure herrialdeko industria-zutabe estrategiko eta teknologikoen artean kokatzen dute sektore aeroespaziala. Testuinguru horretan, Euskadin garatutako gaitasun industrialek, zientifikoek eta teknologikoek gero eta balio handiagoa hartzen dute.

2025ean, eta zehaztutako plan estrategikoaren ildotik, lanean aritu gara enpresen, zentro teknologikoen, unibertsitateen eta erakundeen arteko lankidetzaren sendotzeko, lehiakortasuna hobetzera, berrikuntza sustatzera eta gure klusterrak nazioartean duen tokia indartzera bideratutako ekimenak bultzatuz horretarako. Gure bazkideen konpromisoari eta administrazio publikoen etengabeko babesari esker egin ahal izan dugu hori guztia, asmo bera baitugu guztiok: industria aurreratu, jasangarria eta aberastasuna eta kalitatezko enplegua sortzen duena eraikitzen jarraitzea.

Aipamen berezia egin nahi nioke Iñaki López Gandásegui, urte honetan hil baita. HEGANen sorreran izandako inplikazioak eta sektore aeroespazialaren garapenean egindako ekarpenak gure industriako erreferentziatzko figura bihurtu dute. Haren ikuspegia, lidergoa eta konpromisoa gure klusterraren historiaren eta nortasunaren funtsezko parte izango dira.

Amaitzeko, HEGAN osatzen duten pertsona, enpresa eta erakunde guztien dedikazioa eta ahalegina eskertu nahi ditut. Haien eguneroko konpromisoa da gure lurraldearen garapen teknologiko, industrial, ekonomiko eta sozialerako sektore estrategikoa eraikitzeko oinarria.

Hipólito SUÁREZ /// HEGANeko lehendakaria

Como presidente de HEGAN es un honor presentar y compartir con todos vosotros la Memoria del Cluster correspondiente al ejercicio 2025. Un año especialmente positivo para HEGAN, en el que las empresas asociadas han vuelto a demostrar su capacidad de crecimiento, adaptación y generación de valor en un contexto internacional exigente y en constante transformación.

Si el pasado ejercicio hablábamos de cifras récord, hoy podemos afirmar que esa tendencia de crecimiento sostenido se consolida. En el año 2025 mantenemos el crecimiento por encima de los 2 dígitos, alcanzando un incremento del 14,9% en facturación y del 6,4% en empleo. Ante las circunstancias complejas que estamos viviendo nuestras entidades asociadas han sabido responder con visión estratégica, compromiso y resiliencia. El sector Aeronáutico y Espacial vasco ya alcanza los 6.259 trabajadores directos en Euskadi consolidándose como una industria tractora que, junto con otros indicadores igualmente relevantes, pone de manifiesto la creciente contribución del sector al desarrollo local.

Estos resultados son fruto del trabajo continuado de un ecosistema que ha hecho de la innovación, el desarrollo tecnológico y la excelencia industrial elementos diferenciales. El sector Aeroespacial continúa siendo uno de los más intensivos en I+D+i de la economía vasca, destinando, en 2025, más de 213 millones de euros a actividades de investigación y desarrollo y contando con más de 2.400 profesionales con actividad en esta área.

Vivimos, además, un momento relevante e ilusionante para nuestra industria. La evolución y visión a largo plazo del transporte aéreo, el auge de la economía espacial, el desarrollo de nuevas capacidades vinculadas a la seguridad, la defensa y las tecnologías duales; así como la necesidad de reforzar la autonomía estratégica europea, sitúan al sector Aeroespacial entre los pilares industriales estratégicos y tecnológicos de nuestro País. En este contexto, las capacidades industriales, científicas y tecnológicas desarrolladas en Euskadi adquieren un valor cada vez más relevante.

A lo largo de 2025, y en línea con el Plan estratégico marcado, hemos trabajado para fortalecer la colaboración entre empresas, centros tecnológicos, universidades e instituciones; impulsando iniciativas orientadas a mejorar la competitividad, fomentar la innovación y reforzar el posicionamiento internacional de nuestro Cluster. Todo ello ha sido posible gracias al compromiso de nuestros Socios y al respaldo constante de las Administraciones públicas, con quienes compartimos una misma ambición: seguir construyendo una industria avanzada, sostenible y generadora de riqueza y empleo de calidad.

Quisiera realizar una mención especial a Iñaki López Gandásegui en el año de su fallecimiento. Su implicación en la creación de HEGAN y su contribución al desarrollo del sector Aeroespacial le convierten en una figura de referencia para nuestra industria. Su visión, liderazgo y compromiso permanecerán como parte esencial de la historia y la identidad de nuestro Cluster.

Quiero finalizar agradeciendo la dedicación y el esfuerzo de todas las personas, empresas y entidades que forman parte de HEGAN. Su compromiso diario constituye la base sobre la que seguiremos construyendo un sector estratégico para el desarrollo tecnológico, industrial, económico y social de nuestra tierra.

Hipólito SUÁREZ /// Presidente de HEGAN

THE CLUSTER ASSOCIATION

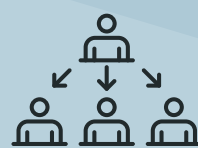
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THE ASSOCIATION: HEGAN

HEGAN is a private non-profit association that brings together the Aeronautics and Space Cluster of the Basque Country. Its purpose is to generate collaboration and influence by implementing cooperative actions that respond to the strategic challenges of its Members, helping them to grow sustainably and creating value for the Aerospace Cluster and the Society.



General Assembly...

This is the highest-ranking body of the Association. It is made up of all Members and it is the forum through which they can express their musts.



... Board of Directors Executive Committee...

Appointed by the General Assembly, these two Collegiate bodies act as administrative, management and executive for the Cluster Activities.



... Working Groups ...

HEGAN Works on temporary and flexible Working-Groups basis. They are dedicated to a number of specific activities, reporting to the Board of Directors / Executive Committee. The different WGs are created and dissolved according to the needs of the Members and in accordance with their specific musts at each moment in time. In 2024, several WGs worked diligently in the areas of Innovation, Supply Chain, Space, and Strategy, resulting in Collaborative Projects, Lines of Action, and a new Cluster Strategic Plan, involving more than thirty Members.



Mentxu DÍAZ
Administration



Martín FDEZ. LOIZAGA
Deputy Director



Javier PIÑÁN
Head of Innovation



Ana RODRÍGUEZ
Head of Operations



Ana VILLATE
Director

... and **HEGAN's** Crew



HEGAN KEY ACTIVITIES 2025 2.2

Thus, 2025 has been a year of strong workload, with numerous actions, tasks, and activities across the various Strategic Challenges listed above. Virtually the entire Cluster community (Industry, Technology Centers, Universities, Local Administrations, etc.) has participated in these and benefited from our efforts to develop the Cluster, strengthen the Industry, grow the Sector, and improve the Society.



PRESENTATION OF THE **HEGAN STRATEGIC PLAN** **2025-2028** [PEH2528]

At the beginning of 2025, HEGAN presented its seventh **Strategic Plan for the period 2025-2028**, the roadmap that will guide our actions over the next four years. The event was presided over by Mikel JAUREGI, Minister of Industry, Energy Transition, and Sustainability of the Basque Government, who, during his speech, emphasized that "the Basque AeroSpace sector symbolizes the industry of the future, with a strong commitment to innovation, technological development, and leading the way in driving decarbonization; in short, the Basque Aeronautics and Space sector represents his Government's three strategic objectives: more industry, better industry, and fewer emissions." This Plan generated and develops the five strategic challenges mentioned earlier.



USA Mission /// March 2025



6th TEDAE Supply Chain Conference /// Miñano

VALUE CHAIN

6th TEDAE Supply Chain Conference, in Miñano. A national rotating conference that, in 2025, we were able to co-organize and moderate the roundtable on “Operational Efficiency-Competitiveness.”

EJGV Industry Advocacy Group. We participated in three working groups with companies, social entities, and the Basque Government (EJGV), as well as in the **EJGV's Industrial Plan**, with the aim of creating a competitive and sustainable ecosystem prepared to face the challenges of the immediate future. At the end of the year, our Sector was designated as Strategic within the **Basque Industry Plan 2030**, and we began assisting in preparing Expressions of Interest for Transformative Projects stemming from the implementation of that Plan.

In July, as every year, we held our AeroGune event. This year, we focused on sensitive topics such as Cybersecurity Directives, certain Defense Certifications, and Customs Regulations. Issues affecting competitiveness, access to different markets, and the strengthening of our supply chain... In this way, this annual event for Partners evolved into **SecurityGune 2025**. More than 50 Members registered for this session to strengthen their environment, offerings, and processes. And, throughout most of 2025, we collaborated on the Basque Country's bid to host one of the three new **ESA-BICs** in Spain, supporting the proposal led by the EJGV (Entrepreneurship and Internationalization Department).



SecurityGune 2025 /// AeroGune

INNOVATION

HEGAN implemented actions and tasks in this area, such as the **Information Day on R&D&I Funding Opportunities**. In collaboration with SPRI, coordinator of the Basque consortium of the Enterprise Europe Network (EEN), the Centre for the Development of Technology and Innovation (CDTI), and the Spanish Space Agency (AEE), we organized this event, which presented various calls for R&D&I projects, including the latest developments, opportunities, and progress in innovation support measures and initiatives at the European, national, and Basque levels for our Sector. As a final note, we had the opportunity and the good fortune to hear presentations from two of our Members, who shared their best practices, experiences, and success stories in participating in AeroSpace projects across different frameworks and scopes.

Similarly, we organized the **final session of the ADRIENNE project** – Additive Manufacturing for Sustainable Antenna Systems in Small Satellites – where the results obtained were presented and the conclusions drawn were highlighted. This project, led by one of our Members was funded by Euroregion-NAEN. Its objective was to establish a framework for interregional and cross-border collaboration in order to generate a common technological offering for the aerospace sector.

On the other hand, within our second Strategic Challenge, which includes the Action Lines for Identifying and Promoting R&D&I Projects and Technological Surveillance, we work together with our partners within the **HEGAN Innovation Committee**. This committee meets regularly with the aim of developing innovation. This, linked to knowledge and technological development, has become a differentiating factor that allows us to maintain competitiveness, since R&D&I programs and activities not only develop new technologies and products, but also improve industrial processes, making them increasingly competitive and cleaner. During the various 2025 sessions of this Committee, we finalized the details of HEGAN's next **R&D&I Plan: our PIDiH2528**.



ECOAERO /// Workshop



HEGAN /// Bizkaia with the TALENT

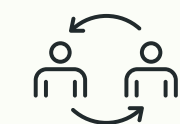
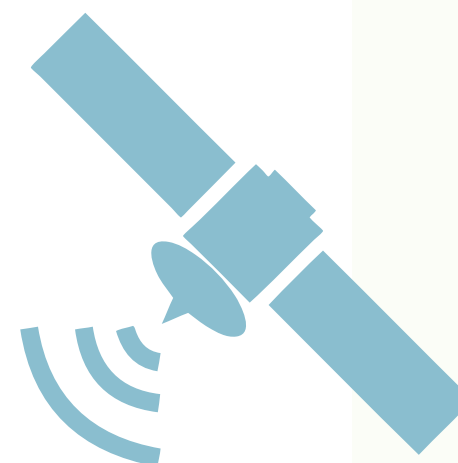


PIDIH2528 /// HEGAN's upcoming R&D&I Plan

... INNOVATION

Within the framework of the **ECOAERO project - Accelerating Technologies for Aerospace Competitiveness**, was organized another workshop focused on advancements such as robotics applied to smart manufacturing processes and the digitalization of operations to optimize industrial processes and energy efficiency. Also under the ECOAERO project, the latest technological advances and solutions in aerial mobility and robotics were presented at a workshop on Innovative Aerial Mobility: Solutions for the Industry and Society of the Future, showcasing technologies that are transforming industry and urban services.

In November, we co-organized an **ESA Phi-Lab Spain - Euskadi** workshop on Space Technologies Applied to Climate Resilience. This session, the final stop on the ESA Phi-Lab Spain Tour, brought together companies, startups, and research groups for a day dedicated to innovation focused on space and solutions for climate resilience.

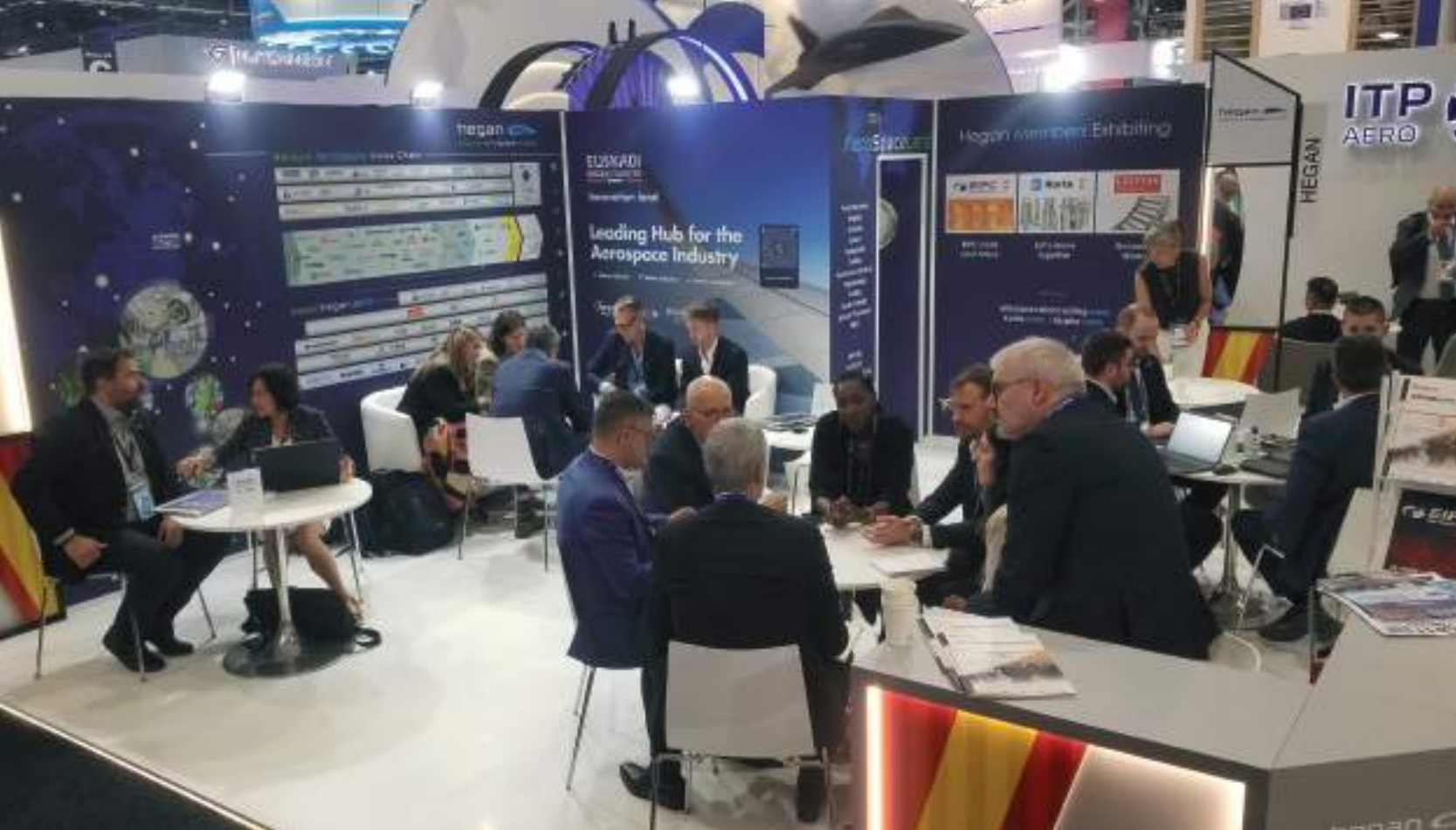


PEOPLE

HEGAN published a **Study on Training Needs in the AeroSpace Sector**, co-financed by Lanbide-Basque Employment Service in the 2024 call for proposals. It also participated in the Job Fair and Company Presentation Day (**JEPE 2025**). This event represents an excellent opportunity for companies and clusters to showcase their job openings and establish direct contact with interested candidates. There was a large turnout of young people demonstrating enthusiasm for advancing their professional development. This direct contact with future professionals allowed us to gain firsthand knowledge of their expectations and motivations.

In 2025, our **AeroAcademy** organized 11 courses with a total attendance of 185 people and 59 unique companies (38 of them HEGAN Members).

We collaborated on the implementation of the advanced **vocational training program in aeromechanical maintenance of turbine-powered aircraft** in Araba and are a partner agent of **Lan Mentoring**, a consulting and advisory service aimed at all Basque SMEs to ensure generational succession. This initiative is promoted by Lanbide in collaboration with Innobasque.



SIAE25 /// Paris Air Show. Le Bourget



Nouvelle Aquitaine Euskadi /// Business Connect

MARKET

HEGAN explored the **North American Space market** in March of last year. During the week-long mission to the United States, organized by Basque Trade & Investment, the internationalization agency of the Basque company integrated into the SPRI Group, the delegation of some twenty people from Basque companies, technology centers, and universities gained firsthand knowledge of the current state of the space sector, as well as explore new technologies, trends, and future prospects.

Intense 2025... In the first half of the year, we carried out intensive activity supporting our members in their commercial, internationalization, and market activities:

- **FEINDEF - Madrid**, with a shared stand with 10 members, where we were able to learn more about this booming sector, to which our members are potential key suppliers due to their certifications, technologies, capabilities, and resources.
- **SIAE25 - Paris Air Show – Le Bourget**: as we do every two years, we organized a shared stand at this globally important trade fair. This year, we were joined by 3 of our members and IBC/SPRI, and accompanied by the regular exhibitors. In addition to the usual agenda [which includes the organization, coordination, and management of the traditional institutional visit of the Basque Government/SPRI], we co-organized an industrial relations event between France and the Basque Country with the Basque Country Delegation in Paris.

And before the summer, we collaborated on an **Aeronautical Mission to China**, which is projected to become the world's largest aviation market in the next 15 years, driving the expansion of its aircraft manufacturing capacity and the development of its own industrial supply chain.

The second half of the year was also extraordinary with:

- **Basque Country-Poland Forum 2025**. The Basque Government's Department of Industry, Energy Transition, and Sustainability, together with the Polish Government, organized this Forum, which brought together government representatives, regional entities, and companies from both countries.
- **Space Tech Expo Europe**. We participated once again in the leading European space technology event, which took place from November 18-20, 2025, in Bremen (City of Space). ...
- **"Business & Investment in Canada: Ontario & Nova Scotia."** Around twenty Basque organizations, including HEGAN, learned about investment and collaboration opportunities offered by the Canadian provinces of Ontario and Nova Scotia at the "Business & Investment in Canada: Ontario & Nova Scotia" event, organized by Basque Trade & Investment / SPRI.
- **Nouvelle-Aquitaine EUSKADI, Business Connect**. Within the framework of institutional and political relations and economic cooperation between the region of New-Aquitaine and Euskadi, a business mission was organized in which HEGAN participated.

In short, for another year, we have contributed our small part to developing a Sector that is strategic and key to a country's wealth because:

- it creates and generates highly qualified direct employment, in addition to having indirect and induced job creation rates that, in the most prudent of studies, are three times higher than direct employment
- it is technology-intensive, serving as a vector for scientific and technical transfer to other sectors and industries
- it develops high-value-added products and services
- it is part of the environmental solution as a developer and demonstrator of clean technologies, working on efficient, neutral, sustainable aircrafts and platforms, and of manufacturing processes that are not only more competitive but also more sustainable, so also focusing on emissions neutrality in industrial activity.

/// Fostering a more connected, solidary, cohesive, equal, safe and fair World

THE CLUSTER MEMBERS

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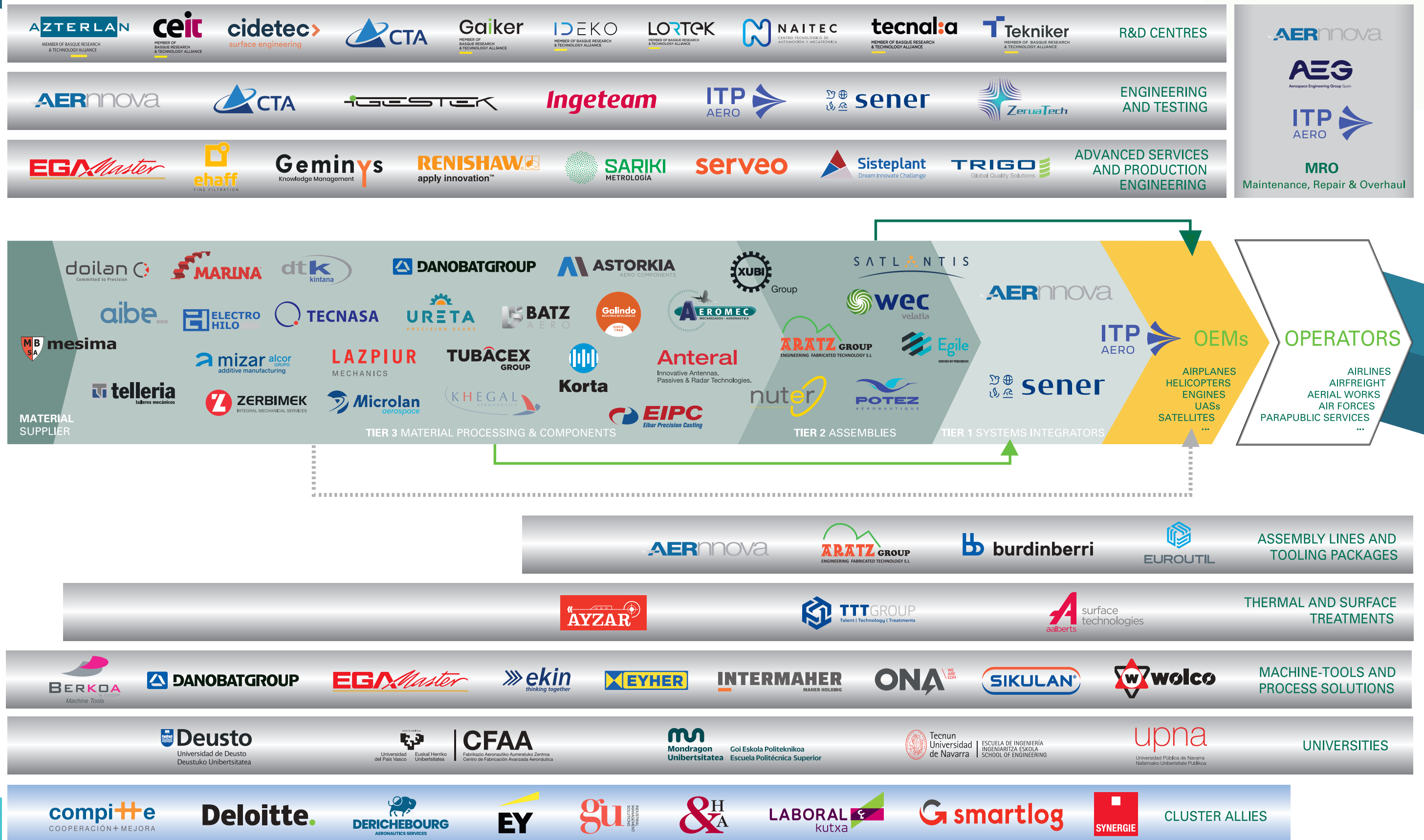
AERNNOVA	ITP AERO	SENER
ANTERAL	ARATZ GROUP	ASTORKIA
DANOBATGROUP	DOILAN	DTK
EKIN	ELECTROHILO	EUROUTIL
INGETEAM	INTERMAHER	KHEGAL AERONAUTICA
METROLOGÍA SARIKI	MICROLAN AEROSPACE	MIZAR ADDITIVE
SATLANTIS	SERVEO	SIKULAN
TTT GROUP	TUBACEX GROUP	URETA
ZERUA TECH	AZTERLAN	CEIT
LORTEK	NAITEC	TECNALIA
TECNUM	UPNA	COMPITTE
HERRERO Y ASOCIADOS	LABORAL KUTXA	SMARTLOG

AALBERTS S. T. TEY	AEROMEC	AEROSPACE ENG. GR.	AIBE
AYZAR	BATZ	BERKOA	BURDINBERRI
EGA MASTER	EGILE	EHAFF	EIBAR PRECISION CASTING
EYHER	GEMINYS	IGESTEK	INDUSTRIAS GALINDO
KORTA	LAZPIUR	MESIMA	METALÚRGICA MARINA
NUTER	ONA ELECTROEROSIÓN	POTÉZ	RENISHAW
SISTEPLANT	TECNASA	TM TELLERIA	TRIGO ADR. IBERIA
WEC	WOLCO	XUBI GROUP	ZERBIMEK
CIDETEC	CTA	GAIKER	IDEKO
TEKNIKER	UNIV. DE DEUSTO	UPV/EHU	MONDRAGON UNIB.
DELOITTE	DERICHEBOURG	ERNST & YOUNG	GU INTERIM
SYNERGIE			

Industry	R&D Org.
Universities	Allies

BASQUE AEROSPACE VALUE CHAIN

3.2



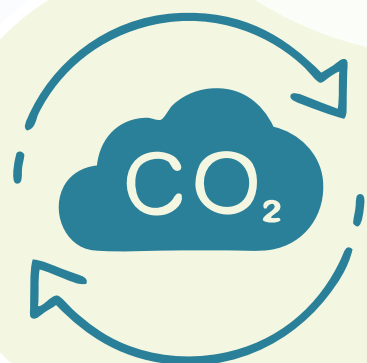
MEMBERS
ACTIVITIES
2025
3.3



AERNNOVA



ITP AERO



AEROSTRUCTURES

ENGINES

SYSTEMS &
EQUIPMENT

SPACE

MRO

R&D PROJECTS

AEROSTRUCTURES 2025



EYHER

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	PLATFORMS
AALBERTS SURFACE TECHNOLOGIES TEY			
Heat treatments	ACITURRI	AIRBUS	AIRBUS families
Heat treatments	AIRBUS DS	AIRBUS DS	AIRBUS DS families
Heat treatments	AERNNOVA	AIRBUS HELICOPTERS	NH90
Heat treatments	AERNNOVA	DASSAULT	FALCON 7X/8X
Heat treatments	EMBRAER	EMBRAER	C-390 Millennium
AERNNOVA			
Design and Build Center Wing Box & Tail Cone	AIRBUS	AIRBUS	A220
Engineering support to front and mid fuselage	AIRBUS	AIRBUS	A220
VTP	AIRBUS	AIRBUS	A220
MGL Doors & Elevators	AIRBUS	AIRBUS	A320
Cabin interiors: "Dado" panels	AIRBUS	AIRBUS	A320
MLG Doors	AIRBUS	AIRBUS	A330
Elevator components	AIRBUS	AIRBUS	A330
Karman fairings	AIRBUS	AIRBUS	A330
Design and Build Rear upper fuselage & Dorsal fin	AIRBUS	AIRBUS	A330XL Beluga
Design and Build Fish Tail & VTP fairing	AIRBUS	AIRBUS	A330XL Beluga
MDCD	AIRBUS	AIRBUS	A350F
Design and Build of Wing fixed Traiting Edge & Elevators	AIRBUS	AIRBUS	A350XWB
Design and Build of HTP & MLG Bay Bulkhead	AIRBUS	AIRBUS	A350XWB
Rudder & Aii inlet bulkhead	AIRBUS	AIRBUS	A350XWB
Pax. Doors & Pylon Spar (composite)	AIRBUS	AIRBUS	A350XWB
Design and Build Sect. 19	AIRBUS	AIRBUS	A380
Design and Build Horizontal Stabilizer	AIRBUS	AIRBUS	A380
Ailerons Skins & Sect.19-19.1 pannels assembly	AIRBUS	AIRBUS	A380
Design & Build Probe & TE	ADS	AIRBUS DS	A400M
HTP Ribas & Engine cowlings	AIRBUS DS	AIRBUS DS	A400M
Metallic parts & FAL Support	AIRBUS DS	AIRBUS DS	A400M
Engine cowlings Assy & NLG Doors & Elevators	AIRBUS DS	AIRBUS DS	CN-235, C-295
Rear fuselage skins	AIRBUS HELICOPTERS	AIRBUS HELICOPTERS	H135
Tail boom, lower & upper struture (floor to floor)	AIRBUS HELICOPTERS	AIRBUS HELICOPTERS	H225 SUPER PUMA
Components & assemblies	AIRBUS HELICOPTERS	AIRBUS HELICOPTERS	H225 SUPER PUMA
Rear fuselage & Horizontal stabilizer skins & components	AIRBUS HELICOPTERS	AIRBUS HELICOPTERS	TIGER

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	PLATFORMS
AERNNOVA			
Assembly Canopy	BAE	BAE	T-45
Floor assembly & Mid-cabin assembly	BELL	BELL	505 JET / RANGER X
Forward fuselage assembly & Tailboom	BELL	BELL	505 JET / RANGER X
Design of Swing zone & Latching mechanism	BOEING	BOEING	747 LCF
Engineerig of Wing box, Spars & Stringers	BOEING	BOEING	747-8 I/F
Engineering of Spoilers, Ailerons & Fuselage Sect 42	BOEING	BOEING	747-8 I/F
MMA Wing Pylon	BOEING	BOEING	787 vP8
Enginnering support to Center Wing Box and Wing ribs optimization	BOEING	BOEING	787
Large and Complex Machined parts and Assemblies	SPIRIT	BOIENG	737NG / MAX
Large and Complex Machined parts and Assemblies	SPIRIT	BOIENG	777
Engineering support to HTP, VTP and Passenger doors	BOMBARDIER	BOMBARDIER	LEARJET 85
Built to print composite empennage: horizontal and vertical stabilizer	DEUTSCHE AIRCRAFT	DEUTSCHE AIRCRAFT	D328 ECO
Design and Build Horizontal & Vertical Stabilizers	EMBRAER	EMBRAER	E2
Forward fuselage	EMBRAER	EMBRAER	E2
Components & Assembly Horizontal Stabilizer	EMBRAER	EMBRAER	E2-175
Components & Assembly Flaps	EMBRAER	EMBRAER	E2-175
Components & Assembly Wing Skins Panels , Spars and Ribs	EMBRAER	EMBRAER	E2-175
Design and Build of Coplete Empenng and Rear Fuselage	EMBRAER	EMBRAER	EMB170/190
Design and Build Wing movables & Rudder	EMBRAER	EMBRAER	C-390 Millennium
HTP Composite components	EMBRAER	EMBRAER	C-390 Millennium
Design of Rear fuselage I and II & Cargo Ramp and Door	EMBRAER	EMBRAER	C-390 Millennium
Detail design of Wing Main Box and Pylon	EMBRAER	EMBRAER	C-390 Millennium
Components & Assembly Horizontal & Vertical Stabilizer	EMBRAER	EMBRAER	C-390 Millennium
Components & Assembly Wing Skins panels and spars	EMBRAER	EMBRAER	C-390 Millennium
Components & Assembly Wing Tip	EMBRAER	EMBRAER	C-390 Millennium
Components & Assembly Horizontal & Vertical Stabilizer	EMBRAER	EMBRAER	Praetor 500/600
Components & Assembly Ailerons and Spoilers	EMBRAER	EMBRAER	Praetor 500/600
Components & Assembly Rat and cargo doors	EMBRAER	EMBRAER	Praetor 500/600
Components & Assembly Tail cone	EMBRAER	EMBRAER	Praetor 500/600
Components & Assembly Wing Box	EMBRAER	EMBRAER	Praetor 500/600
Design and Build of Flare Dispenser	EUROFIGHTER	EUROFIGHTER	TYPHOON
Flaps, Aileron, Spoliers D&B	HONDA	HONDA	HA-480 ECHELON

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	PLATFORMS
AERNNOVA			
HTP, VTP, Rudder & Elevator	HONDA	HONDA	HA-480 ECHELON
Design wing and Desing and Build Flaps, Ailerons & Spoilers. Build Empennage,Wing Skin & Spar	HONDA JET	HONDA	HA-480 ECHELON
FLAP PROPULSION SYSTEM D&B	LILIUM	LILIUM	LILIUM JET
WING D&B	LILIUM	LILIUM	LILIUM JET
Rear fuselage & Tail boom	LEONARDO	NH INDUSTRIES	NH-90
Front fuselage composite panels	LEONARDO	NH INDUSTRIES	NH-90
Design and engineering of Complete and Equipped wings	PILATUS	PILATUS	PC24
Design and build of Rear fuselage / Aft transition tailcone	SIKORSKY	SIKORSKY	S-92
AEROMECH			
Wing ribs structure	Non-disclosure	AIRBUS	A220
Wing ribs structure	Non-disclosure	AIRBUS	A350XWB
Wing ribs structure	Non-disclosure	AIRBUS	A320
ARATZ GROUP			
Assembly Tooling	SPIRIT AEROSYSTEMS	AIRBUS	A220
Composite Tooling	SPIRIT AEROSYSTEMS	AIRBUS	A220
Composite Tooling	AIRBUS	AIRBUS	A321XLR
Lay Up Tooling	AIRBUS	AIRBUS	A321XLR
Composite Tooling	AIRBUS	AIRBUS	A350XWB
Lay Up Tooling	AIRBUS	AIRBUS	A350XWB
Assembly tooling	AIRBUS	AIRBUS	AIRBUS families
Assembly tooling	DASSAULT	DASSAULT	Falcon family
Composite Tooling	DASSAULT	DASSAULT	Falcon family
Assembly tooling	DASSAULT	DASSAULT	Rafale family
Composite Tooling	DASSAULT	DASSAULT	Rafale family
ASTORKIA			
Machined Components	Non-disclosure	BOEING	787
AYZAR			
Heat treatments	ACITURRI	AIRBUS	Miscellaneous
AZTERLAN			
Aluminum components for support structures or covers for electronic and optical elements	EIPC	AIRBUS	Miscellaneous
Aluminum components for support structures or covers for electronic and optical elements	EIPC	SAFRAN	Miscellaneous



AIRBUS
A321 XLR

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	PLATFORMS
BATZ			
Cold formed sheet metal parts	ACITURRI	AIRBUS	A320
BURDINBERRI			
Assembly Toolings	Non-disclosure	Several	Miscellaneous
Curing Toolings	Non-disclosure	Several	Miscellaneous
CIDETEC			
Repocessability, Repairability and Recyclability of composites	IDEC	AIRBUS	AIRBUS families
Repocessability, Repairability and Recyclability of composites	SOFITEC	AIRBUS	AIRBUS families
Repocessability, Repairability and Recyclability of composites	AIRBUS Operations	AIRBUS	AIRBUS families
Surface Treatments	ELHCO	AIRBUS	AIRBUS families
Surface Treatments	TITANIA	AIRBUS	AIRBUS families
Surface Treatments	POTEZ AERONAUTIKA	DASSAULT	Falcon family
Repocessability, Repairability and Recyclability of composites	LEONARDO	LEONARDO	Miscellaneous
CTA			
Fire certification tests of interior materials	BOEING R&T EUROPE	BOEING	Airliners
Main beam tests	FLYING WHALES	FLYING WHALES	LCA60T
Fire certification tests of interior materials	AIR NOSTRUM LAM	Several	Airliners
Fire certification tests of interior materials	COLLINS	Several	Airliners
Fire certification tests of interior materials	IACOBUCCI HF AEROSPACE	Several	Airliners
Fire certification tests of interior materials	HUTCHINSON-CR	Several	Airliners
Fire certification tests of interior materials	COMPOSITE INDUSTRIES	Several	Airliners
Fire certification tests of interior materials	PMV INDUSTRIES	Several	Airliners
Fire certification tests of interior materials	JCB AERO	Several	Airliners
Fire certification tests of interior materials	INDUSTRIAL NEO-TEX	Several	Airliners
Fire certification tests of interior materials	PINTA INSULATION	Several	Airliners
Fire certification tests of interior materials	VELCRO EUROPE	Several	Airliners
Fire certification tests of interior materials	ROMTEX ANJOU AERONAUTIQUE	Several	Airliners
Fire certification tests of interior materials	SN CENTRAIR	Several	Airliners
Fire certification tests of interior materials	LUFTHANSA TECHNIK	Several	Airliners
DTK			
Landing gear trap components	AERNNOVA	AIRBUS	A320
Stabilizer components	AERNNOVA	AIRBUS	A350XWB
Machined Components	FIGEAC AERO	Several	Miscellaneous



FLYING WHALES
LCA60T

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	PLATFORMS
EHAFF			
Post-processes: Air/Fluid Filtration & Chips Treatments	Several	Several	Miscellaneous
Cutting Fluids & Coolants	Several	Several	Miscellaneous
EIPC - EIBAR PRECISION CASTING			
Secondary structure components	TAI	AIRBUS	A320neo/ A330neo
Secondary structure components	AIRBUS DS	AIRBUS DS	CN-235
Secondary structure components	AIRBUS DS	AIRBUS DS	C-295
Secondary structure components	AIRBUS DS	AIRBUS DS	EUROFIGHTER TYPHOON
EUROUTIL			
Forging Dies	AUBERT & DUVAL	Several	Miscellaneous
EYHER			
STA200/STA300 A350 MAIN DECK CARGO DOOR ASSEMBLY WORKING PLATFORMS	MTORRES	AIRBUS	A350
IDEKO			
Automation solutions for operations after carbon prepreg lamination of wing skin	DANOBAT	AIRBUS	A320
Automation of repair operation on composite structure	DANOBAT	AIRBUS	Miscellaneous
Robotics for manufacturing and assembly technology, based in modeling, vision systems and others	Several	Several	Miscellaneous
IGESTEK			
Engineering Services	Several	Several	Miscellaneous
KHEGAL			
Elementary components Machining	Non-disclosure	ATR	42/72
Elementary components Machining	Non-disclosure	AIRBUS	AIRBUS families
Fuselage Holders for assembly line and Tooling for test bench	Non-disclosure	AIRBUS	AIRBUS families
Elementary components Machining	Non-disclosure	DASSAULT	Falcon family
LAZPIUR			
Ribs for Lower / Upper Chord	ACITURRI	AIRBUS	A320
MESIMA			
Materials management and supply	AIRBUS DS	AIRBUS DS	Miscellaneous
Materials management and supply	ACITURRI	AIRBUS	Miscellaneous
Materials management and supply	MECACHROME	Several	Miscellaneous
MICROLAN AEROSPACE			
Machined components for Assembly Jigs abd Fixtures	AERNNOVA	Several	Miscellaneous
Machined components for Assembly Jigs abd Fixtures	INDRA	Several	Miscellaneous

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	PLATFORMS
NUTER			
Machined Components	AERNNOVA	AIRBUS	A220
Machined Components	MPB	AIRBUS	A-350
Machined components	WEC	AIRBUS	Miscellaneous
Machined Components	AERNNOVA	AIRBUS	A-350 FREIGHTER
Machined Components	AERNNOVA	EMBRAER	ERJ family / E-JET family
Machined Components	AERNNOVA	SIKORSKY	S-92
RENISHAW			
Interferometric Laser and Optical Encoders for measuring positional data: wing-panel assembly machines	Several	Several	Miscellaneous
TECNASA			
Silicone - Composite reinforcing material	Several	Several	Miscellaneous
TTT GROUP			
Heat and surface treatments	MITSUBISHI CORPORATION	AIRBUS	A220
Heat and surface treatments	SPIRIT	AIRBUS	A220
Heat and surface treatments	ACITURRI	AIRBUS	A380
Heat and surface treatments	AERNNOVA	AIRBUS	AIRBUS families
Heat and surface treatments	SONACA	AIRBUS	AIRBUS families
Heat and surface treatments	ACITURRI	AIRBUS DS	A400M
Heat and surface Treatments	AIRBUS DS	AIRBUS DS	AIRBUS DS families
Heat and surface treatments	AERNNOVA	AIRBUS HELICOPTERS	AIRBUS HELICOPTERS families
Heat and surface treatments	AERNNOVA	BELL	505
Heat and surface treatments	Non-disclosure	BOEING	737 / 777 / 787
Heat and Surface treatments	SONACA	DASSAULT	FALCON family
Heat and surface treatments	AERNNOVA	EMBRAER	EMBRAER families
Heat and surface treatments	Non-disclosure	EMBRAER	C-390 Millennium
Heat and surface treatments	PARKER	Several	Miscellaneous
Heat and surface treatments	SKF	Several	Miscellaneous
Heat and surface treatments	AERNNOVA	SIKORSKY	S-92



AERNNOVA

ENGINES 2025



EPI TP400

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	ENGINE MODEL
AALBERTS SURFACE TECHNOLOGIES TEY			
Heat treatments	ACITURRI	ROLLS-ROYCE	TRENT 1000
Heat treatments	ITP AERO	ROLLS-ROYCE	TRENT family
Heat treatments	EGILE	SAFRAN HELICOPTER ENGINES	Miscellaneous
Heat treatments	SAFRAN HELICOPTER ENGINES	SAFRAN HELICOPTER ENGINES	Miscellaneous
Heat treatments	WEC	Several	Miscellaneous
Heat treatments	SAFRAN AERO BOOSTERS	Several	Miscellaneous
AEROMEC			
Engine TBH	Non-disclosure	EPI	TP400
LPT rings	Non-disclosure	EUROJET	EJ200
Turbine casing & Thermal	Non-disclosure	GENERAL ELECTRIC	Miscellaneous
Engine TBH	Non-disclosure	PRAT & WHITNEY	PW1500G
Engine exhaust Zone	Non-disclosure	ROLLS-ROYCE	TRENT XWB
Engine exhaust Zone	Non-disclosure	ROLLS-ROYCE	Pearl 15
Engine exhaust Zone	Non-disclosure	ROLLS-ROYCE	Pearl 700
AIBE			
Manufacture of clamping systems and fixtures for machining process and special machines	ITP AERO	ROLLS-ROYCE	TRENT family
ARATZ GROUP			
Machined Components	ITP AERO	ROLLS-ROYCE	TRENT 700
Machined Components	ITP AERO	ROLLS-ROYCE	TRENT 900
ASTORKIA			
Machined Components	ITP AERO	EPI	TP400
Machined Components	ITP AERO	ROLLS-ROYCE	TRENT 1000
Machined Components	ITP AERO	ROLLS-ROYCE	TRENT XWB
AZTERLAN			
Nickel-based superalloy components	EIPC	Several	Miscellaneous
BATZ			
Hot and cold formed panels for special alloys	ITP AERO	EPI	TP400
Hot formed panels for special alloys	SALLEN AVIACIÓN	ROLLS-ROYCE	TRENT 7000
Hot formed panels for special alloys	WEC	ROLLS-ROYCE	TRENT XWB
Hot formed panels for special alloys	WEC	ROLLS-ROYCE	TRENT 900

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	ENGINE MODEL
BATZ			
Hot formed panels for special alloys	WEC	ROLLS-ROYCE	TRENT 1000
Hot formed panels for special alloys	ITP AERO	ROLLS-ROYCE	BR715
Hot formed panels for special alloys	ITP AERO	ROLLS-ROYCE	TRENT 900
Cold formed panels for special alloys	ITP AERO	ROLLS-ROYCE	Pearl 15
Cold and hot formed panels for special alloys	ITP AERO	ROLLS-ROYCE	Pearl 700
Cold formed panels for special alloys	ITP AERO	ROLLS-ROYCE	TRENT XWB
CTA			
Aerodynamic Technology Acquisition Rig Programme	ITP AERO	Several	Miscellaneous
CIDETEC			
Surface Treatments	SAFRAN AIRCRAFT ENGINES	Several	Miscellaneous
DANOBATGROUP			
Vertical grinding Machine-Tools for aeroengine manufacturing	GENERAL ELECTRIC	Several	Miscellaneous
EGAMASTER			
Torque control traceability and permit system	ITP AERO	Several	ALL RANGE
Remote Asset localization system	ITP AERO	Several	ALL RANGE
EGILE			
Main shaft	AUBERT&DUVAL	GENERAL ELECTIC	GE90
Engine actuation systems	HEROUX DEVTEK SPAIN	EUROJET	EJ200
NGVs	ITP AERO	ROLLS-ROYCE	Trent1000
Blades and segments	ITP AERO	ROLLS-ROYCE	Trent1000
NGVs	ITP AERO	ROLLS-ROYCE	TrentXWB
Blades and segments	ITP AERO	ROLLS-ROYCE	TrentXWB
Vanes	ITP AERO	CFM INTERNATIONAL	Leap 1A /1B
Carter parts	ITP AERO	CFM INTERNATIONAL	Leap 1A /1B
Carter parts	ITP AERO	CFM INTERNATIONAL	CFM56
Heat shields	ITP AERO	PRAT&WITHNEY	PW1000G
Shaft	ITP AERO	SAFRAN HELICOPTERS ENGINES	MTR390-E
Gears and shafts	SAFRAN AERO BOOSTERS	SAFRAN AIRCRAFT ENGINES	Leap 1A /1B
Gears and shafts	SAFRAN HELICOPTER ENGINES	SAFRAN AIRCRAFT ENGINES	M88
Main gear box (MGB)	SAFRAN HELICOPTER ENGINES	SAFRAN AIRCRAFT ENGINES	ALL RANGE
Aaccessory gear box (AGB)	SAFRAN HELICOPTER ENGINES	SAFRAN AIRCRAFT ENGINES	ALL RANGE
Bearing housings	SAFRAN TRANSMISSION SYSTEMS	SAFRAN AIRCRAFT ENGINES	Leap 1A /1B
Fourreaux	SAFRAN TRANSMISSION SYSTEMS	SAFRAN AIRCRAFT ENGINES	Leap 1A /1B



EHAFF

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	ENGINE MODEL
EHAFF			
Cutting Fluids & Coolants	Several	Several	Miscellaneous
EIPC - EIBAR PRECISION CASTING			
Castings Components	ITP AERO	ROLLS-ROYCE	TRENT 1000
Castings Components	ITP AERO	ROLLS-ROYCE	TRENT XWB
Castings Components	ITP AERO	ROLLS-ROYCE	PEARL700
Castings Components	ITP AERO	ROLLS-ROYCE	ULTRAFAN
EKIN			
Broaching Tools for the manufacture of Fir Tree turbine discs	ITP AERO	Several	Miscellaneous
EUROUTIL			
Forging Dies	SAFRAN AIRCRAFT ENGINES	Several	Miscellaneous
Forging Dies	SAFRAN BLADES	Several	Miscellaneous
Forging Dies	SAFRAN NACELLES	Several	Miscellaneous
ITP AERO			
Lost wax casting super alloys for Turbine	SAFRAN AIRCRAFT ENGINES	CFM INTERNATIONAL	CFM56
Lost wax casting super alloys for Turbine	MTU	EA	GP7000
Design and manufacture of low pressure turbine (LPT) - Member of EPI Consortium	AIRBUS DS	EPI	TP400
Design and manufacture of the Front Frame and Exhaust System - Member of the EPI Consortium	AIRBUS DS	EPI	TP400
Manufacture of Externals - Member of EPI Consortium	AIRBUS DS	EPI	TP400
Final assembly of engine - Member of EPI Consortium	AIRBUS DS	EPI	TP400
Lost wax casting super alloys for intermediate pressure turbine	ROLLS-ROYCE	EPI	TP400
Lost wax casting super alloys for the LPT	ROLLS-ROYCE	EPI	TP400
Design and manufacture of the Diffuser cones and By-Pass Module - Member of the EUROJET Consortium	NETMA	EUROJET	EJ200
Design and manufacture of the post burner duct and variable nozzle - Member of the EUROJET Consortium	NETMA	EUROJET	EJ200
Manufacture of Externals - Member of the EUROJET Consortium	NETMA	EUROJET	EJ200
Final assembly of the engine - Member of the EUROJET Consortium	NETMA	EUROJET	EJ200
Lost wax casting super alloys - nozzle	NETMA	EUROJET	EJ200
Lost wax casting super alloys - low pressure turbine	NETMA	EUROJET	EJ200
Components	GENERAL ELECTRIC	GENERAL ELECTRIC	CF34-10
Manufacture of rear turbine structure	GENERAL ELECTRIC	GENERAL ELECTRIC	GE90-115
Structural components	HONEYWELL	HONEYWELL	HTF7000

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	ENGINE MODEL
ITP AERO			
Design and manufacture of three LPT - Member of the MTRI Consortium	AIRBUS HELICOPTERS	MTRI	MTR390-E
Final assembly of the engine - Member of the MTRI Consortium	AIRBUS HELICOPTERS	MTRI	MTR390-E
Lost wax casting super alloys - low pressure turbine	AIRBUS HELICOPTERS	MTRI	MTR390-E
Lost wax casting super alloys for Turbine	SAFRAN AIRCRAFT ENGINES	POWERJET	SaM146
Modules manufacturing	PRATT & WHITNEY	PRATT & WHITNEY	PW1000G
Components manufacturing	PRATT & WHITNEY CANADA	PRATT & WHITNEY	PW535E
Components manufacturing	PRATT & WHITNEY CANADA	PRATT & WHITNEY	PW800
Parts of external equipment of engine	ROLLS-ROYCE	ROLLS-ROYCE	BR725
Design and validation of the ROLL POST	ROLLS-ROYCE	ROLLS-ROYCE	F136
Design and manufacture of low pressure turbine (LPT) - Risk Partner	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 1000
Design and manufacture of Rear Frame - Risk Partner	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 1000
Lost wax casting super alloys for the LPT	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 1000
Lost wax casting super alloys for the intermediate pressure turbine	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 1000
Design and manufacture of low pressure turbine (LPT) - Risk Partner	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 500
Assembly of the LPT and component manufacture	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 700
Lost wax casting super alloys for the intermediate pressure turbine	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 700
Design and manufacture of the low pressure turbine (LPT) - Risk Partner	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 7000
Design and manufacture of the low pressure turbine (LPT) - Risk Partner	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 900
Design and manufacture of the Rear Frame - Risk Partner	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 900
Lost wax casting super alloys for the LPT	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 900
Lost wax casting super alloys for the intermediate pressure turbine	ROLLS-ROYCE	ROLLS-ROYCE	TRENT 900
Design and manufacture of the low pressure turbine (LPT) - Risk Partner	ROLLS-ROYCE	ROLLS-ROYCE	TRENT XWB
Design and manufacture of the Rear Frame - Risk Partner	ROLLS-ROYCE	ROLLS-ROYCE	TRENT XWB
Lost wax casting super alloys for the LPT	ROLLS-ROYCE	ROLLS-ROYCE	TRENT XWB
Lost wax casting super alloys for the intermediate pressure turbine	ROLLS-ROYCE	ROLLS-ROYCE	TRENT XWB
Development of the intermediate pressure turbine and the rear structure	ROLLS-ROYCE	ROLLS-ROYCE	ULTRAFAN
LAZPIUR			
Machined components	Non-disclosure	Several	Miscellaneous
MESIMA			
Materials management and supply	ITP AERO	GENERAL ELECTRIC	Miscellaneous
Materials management and supply	ITP AERO	ROLLS-ROYCE	Miscellaneous
Materials management and supply	WEC	Several	Miscellaneous
Materials management and supply	MECACHROME	Several	Miscellaneous



ONA
ELECTROEROSIÓN

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	ENGINE MODEL
METROLOGÍA SARIKI			
Measurement Equipment maintenance, training and software programming	EGILE	Several	Miscellaneous
Measurement Equipment Consultancy-supply	ITP AERO	Several	Miscellaneous
Measurement Equipment maintenance, training and software programming	ITP AERO	Several	Miscellaneous
MIZAR ADDITIVE			
Tubes	ITP AERO	Several	Miscellaneous
NUTER			
Fittings	ITP AERO	EPI	TP400
Fittings	ITP AERO	EUROJET	EJ200
Fittings	ITP AERO	GENERAL ELECTRIC	Miscellaneous
Airfoils & Small parts	ITP AERO	PRATT & WHITNEY	PW800
Small Parts & Fittings	ITP AERO	PRATT & WHITNEY	PW1000G
Nozzels	ITP AERO	PRATT & WHITNEY	PW1000G
Fittings	ITP AERO	ROLLS-ROYCE	TRENT family
Fittings	ITP AERO	ROLLS-ROYCE	ULTRAFAN
Fittings	ITP AERO	ROLLS-ROYCE	PEARL 10X
Small Parts	ACITURRI	SAFRAN AIRCRAFT ENGINES	Miscellaneous
Small Parts	WEC	Several	Miscellaneous
ONA ELECTROEROSIÓN			
Die-Sinking EDM Machine-Tools	GENERAL ELECTRIC VERNOVA	GENERAL ELECTRIC	Miscellaneous
Wire EDM Machine-Tools	SAFRAN	GENERAL ELECTRIC	Miscellaneous
Die-Sinking EDM Machine-Tools	SAFRAN	PRATT & WHITNEY	Miscellaneous
Fast Hole EDM Machine-Tools	ITP AERO	ROLLS-ROYCE	Miscellaneous
RENISHAW			
Measurement data for the production and repair of blades and bladed disks: Blade tip refurbishment, in-process blade measurement and root blending of bladed disks	Several	Several	Miscellaneous
Contact and non-contact tool setting systems to detect and adjust to the condition or wear of cutting tools	Several	Several	Miscellaneous
Precision sensors for fast, accurate acquisition of component dimensions and surface data, with blade-specific software applications	Several	Several	Miscellaneous
Component set up, tool setting and in-cycle gauging and first off component inspection for accurate machining processes	Several	Several	Miscellaneous
Precise and rapid gauging of complex parts, tracking trends in machining and enabling automatic process adjustments to account for changing variables like thermal drift	Several	Several	Miscellaneous

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	OEM	ENGINE MODEL
TECNASA			
Silicone Grommets	Several	Several	Miscellaneous
TTT GROUP			
Heat and Surface treatments	ITP AERO	EUROJET	Miscellaneous
Heat and surface treatments	ITP AERO	ROLLS-ROYCE	Miscellaneous
Heat and surface treatments	SAFRAN AIRCRAFT ENGINES	SAFRAN AIRCRAFT ENGINES	Miscellaneous
Heat and surface treatments	SAFRAN HELICOPTER ENGINES	SAFRAN HELICOPTER ENGINES	Miscellaneous
Heat and surface treatments	ACITURRI	EUROPROP	TP400
TUBACEX			
Precision tubes	Non-disclosure	Several	Miscellaneous
URETA ENGINES			
Gearing Components hobbing	EGILE	SAFRAN HELICOPTER ENGINES	Miscellaneous
WEC			
Parts of external equipment of engine	SAFRAN AIRCRAFT ENGINES	CFM INTERNATIONAL	CFM56
Parts of external equipment of engine	SAFRAN AIRCRAFT ENGINES	CFM INTERNATIONAL	LEAP 1A/B
Parts of external equipment of engine	ITP AERO	EPI	TP400
Structural parts	ITP AERO	EPI	TP400
Exhaust nozzle parts	ITP AERO	EUROJET	EJ200
TEC parts	ITP AERO	EUROJET	EJ200
Parts of external equipment of engine	ITP AERO	EUROJET	EJ200
Parts of external equipment of engine	SAFRAN AIRCRAFT ENGINES	GENERAL ELECTRIC	GE90-115k
Rings, annular components, combustion chamber components	HONEYWELL	HONEYWELL	Miscellaneous
Parts of external equipment of engine	ITP AERO	PRATT & WHITNEY	PW814
TEC Front Cases	GKN Aerospace Engine Systems	ROLLS-ROYCE	Miscellaneous
Structural parts	ITP AERO	ROLLS-ROYCE	TRENT family
Parts of external equipment of engine	ITP AERO	ROLLS-ROYCE	TRENT family
Dynamic seals components	ITP AERO	ROLLS-ROYCE	TRENT family
Parts for engine cooling devices	SAFRAN AIRCRAFT ENGINES	SAFRAN AIRCRAFT ENGINES	SILVERCREST
WOLCO			
Special Cutting Tools for AeroSpace Manufacturing	ITP AERO	Several	ALL RANGE



METROLOGÍA SARIKI

SYSTEMS & EQUIPMENT 2025



MIZAR
ADDITIVE

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
AALBERTS SURFACE TECHNOLOGIES TEY			
Heat treatments	AIRBUS DS	Several	Miscellaneous
Heat treatments	EGILE	Several	Miscellaneous
Heat treatments	HÉROUX-DEVTEK SPAIN	Several	Miscellaneous
Heat treatments	INDRA	Several	Miscellaneous
Heat treatments	SAFRAN LANDING SYSTEMS	Landing Gear	Miscellaneous
Heat treatments	SENER	Several	Miscellaneous
Heat treatments	HÉROUX-DEVTEK SPAIN	Several	SIKORSKY S-92
AERNNOVA			
Fuel Tanks	EUROFIGHTER	Fuel	EUROFIGHTER TYPHOON
AEROMECH			
Nose landing gear components	Non-disclosure	Landing Gear	AIRBUS DS C295
Main landing gear components	Non-disclosure	Landing Gear	AIRBUS DS C295
ARATZ GROUP			
Machined Components	Non-disclosure	Several	Miscellaneous
CIDETEC			
Non Destructive Inspection	XUBI	Actuators	Miscellaneous
Surface Treatments	EGILE	Landing gear	Miscellaneous
Surface Treatments	TTT GROUP	Landing gear	Miscellaneous
Surface Treatments	LIEBHERR AEROSPACE	Landing gear	Miscellaneous
Surface Treatments	AMPHENOL SOCAPEX	Connectors	Miscellaneous
Surface Treatments	RADIALL	Connectors	Miscellaneous
CTA			
RAM Air Channel tests	AIRBUS OPERATIONS	RAC	AIRBUS ZEROe
Primary Cooling System	AIRBUS UPNEXT	Non Propulsion System	AIRBUS ZEROe
D361 A/C tubes	AIRBUS ATLANTIC	Air conditioning	Miscellaneous
Flow servovalve tests	SAFRAN	Hydraulic fuse	F46
DANOBATGROUP			
Grinding Machine-Tools for Landing Gears	SAFRAN LANDING SYSTEMS	Landing gear	Miscellaneous
Machine tools for aerocomponents manufacturing	Non-disclosure	Several	Miscellaneous
DOILAN			
Component machining	Non-disclosure	Landing Gear	Miscellaneous



ROLLS-ROYCE
PEARL 10X
Flying Test

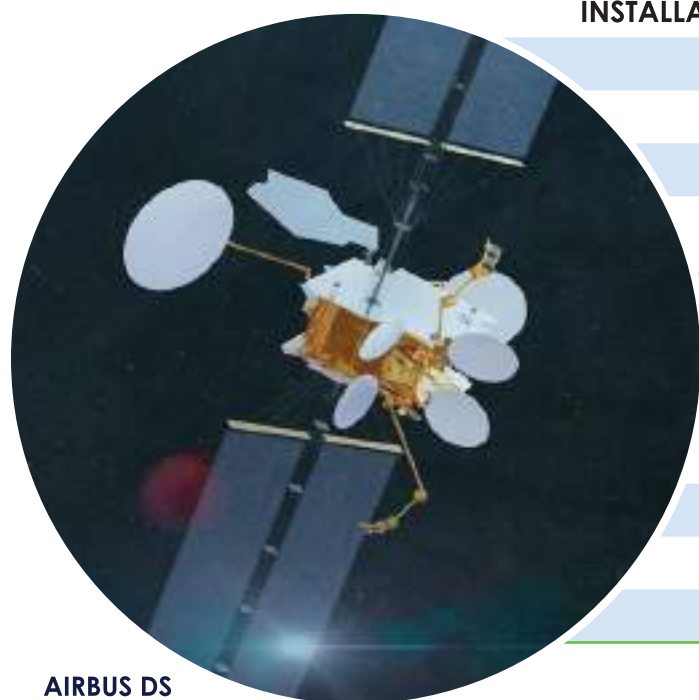
GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
EGILE			
Geras and shafts	AIRBUS HELICOPTERS	Gear box (MGB and AGB)	H145/H160/H175/AS332
Lubricant pumps	AIRBUS HELICOPTERS	Gear box (MGB and AGB)	H160/H175/RACER
Gear and shafts	AVIO AERO	Gear box (AGB)	RACER
Carters and main rotor shaft	HELICOPTERES GYMBAL	Main rotor	GUIMBAL CABRI G2
Landing gear componentes	HEROUX DEVTEK UK	Landing gear	SAAB GRIPEN
Landing gear componentes	HEROUX DEVTEK SPAIN	Landing system (Balancier)	AIRBUS HELICOPTERS TIGRE
Actuation systems	HEROUX DEVTEK SPAIN	Several	AIRBUS DS CN235/C295
Actuation systems	HEROUX DEVTEK SPAIN	Several	SIKORSKY S-92
Flight control and actuation systems	HEROUX DEVTEK SPAIN	Several	EUROFIGHTER TYPHOON
Carters and main rotor shaft	Non-disclosure	Main rotor	AIRBUS HELICOPTERS VSR700
Slider	SAFRAN LANDING SYSTEMS	NLG	AIRBUS A320
Rack	SAFRAN LANDING SYSTEMS	NLG	AIRBUS A320
Cylinder and piston	SAFRAN LANDING SYSTEMS	Retraction actuator MLG	AIRBUS A330
Shock absorber	SAFRAN LANDING SYSTEMS	MLG	AIRBUS A330/A340
Shock absorber	SAFRAN LANDING SYSTEMS	MLG	AIRBUS A350
Bogey Kit	SAFRAN LANDING SYSTEMS	MLG	AIRBUS A350
Landing gear componentes	SAFRAN LANDING SYSTEMS	Landing system (Balancier)	AIRBUS HELICOPTERS SUPERPUMA
Shock absorber	SAFRAN LANDING SYSTEMS	MLG	BOEING B787
Shock absorber	SAFRAN LANDING SYSTEMS	NLG	BOEING B787
Gear and shafts	SAFRAN POWER UNITS	APU	DASSAULT RAFALE
EIPC - EIBAR PRECISION CASTING			
Fuel system components	AIRBUS	Fuel	AIRBUS A320neo/330neo
Optronic equipment housings (Lost wax casting aluminium)	ELBIT SYSTEMS	Optronic systems TV-Thermography	Miscellaneous
Radar housings (Lost wax casting aluminium)	INDRA	Radars	EUROFIGHTER TYPHOON
Conduits- Air Fittings (Lost wax casting superalloys)	LIEBHERR AEROSPACE	Air conditioning	AIRBUS A220/320neo/ceo
Conduits- Air Fittings (Lost wax casting superalloys)	LIEBHERR AEROSPACE	Air conditioning	BOEING 787
Conduits- Air Fittings (Lost wax casting superalloys)	LIEBHERR AEROSPACE	Air conditioning	COMAC / KC395 / EJET / G7000
Actuator equipment housings (Lost wax casting aluminium)	SAFRAN AEROSYSTEMS	Engines-Actuators-Electrical equipments	AIRBUS A320/330

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
EIPC - EIBAR PRECISION CASTING			
Carter Air (Lost wax casting aluminium)	SAFRAN POWER UNITS	APUs (Auxiliary Power Units)	AIRBUS HELICOPTERS SUPERPUMA
Optronic equipment housings (Lost wax casting aluminium)	THALES GROUP	Engines-Actuators-Electrical equipments	AIRBUS A320/330
Optronic equipment housings (Lost wax casting aluminium)	THALES GROUP	Engines-Actuators-Electrical equipments	NHI NH90
Optronic equipment housings (Lost wax casting aluminium)	THALES GROUP	Engines-Actuators-Electrical equipments	BOEING B737MAX
EUROUTIL			
Curing dies	SAFRAN SEATS	Seats composite parts	Miscellaneous
GEMINYS			
S1000D Support for technical publications using a common source database	Non-disclosure	Several	Miscellaneous
Support Engineering Services (ILS, RAM, LCC,...)	Non-disclosure	Several	Miscellaneous
INGETEA			
Hybridization and electrification	Non-disclosure	Several	Miscellaneous
KHEGAL			
Oil tanks Elementary components Machining	AD GROUP	Lubrication	AIRBUS A350XWB
KORTA			
Transmission	AERNNOVA	Transmission	AIRBUS A350
Ball Screws	EATON	Several	Miscellaneous
Ball Screws	HEROUX DEVTEK SPAIN	Several	FCAS demonstrator
Ball Screws	ROCKETSAN	Several	Miscellaneous
Ball Screws	SENER	Several	Miscellaneous
LAZPIUR			
Manifolds	HÉROUX-DEVTEK SPAIN	Landing systems	AIRBUS A320
Hydraulic System	HÉROUX-DEVTEK SPAIN	Landing systems	AIRBUS A350
Hook Downlock	HÉROUX-DEVTEK SPAIN	Landing systems	AIRBUS A400M
MICROLAN AEROSPACE			
Machined Components	IDOM	Actuators	Miscellaneous
Machined Components	SENER	Actuators	Miscellaneous
MIZAR ADDITIVE			
Flight parts on PA2241 FR	AIRBUS DS	Ducts, pipes	AIRBUS DS C-295
Drilling templates	AIRBUS DS	Several	Miscellaneous
Mockups/Prototypes	AIRBUS TOULOUSE	Several	Miscellaneous



PILATUS
PC24

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
MIZAR ADDITIVE			
Tooling	ITP AERO	Several	Miscellaneous
Electrical connectors	Several	Several	Miscellaneous
NUTER			
Machined Components	HÉROUX-DEVTEK SPAIN	Several	AIRBUS A330/350XWB
Machined Components	HÉROUX-DEVTEK SPAIN	Several	AIRBUS DS A400M
Machined Components	HÉROUX-DEVTEK SPAIN	Several	EUROFIGHTER TYPHOON
RENISHAW			
Raman spectroscopy technology for the material make-up of specialist components and the quality of component surface coatings	Several	Several	Miscellaneous
Magnetic Encoders to control position of compartment doors	Several	Several	Miscellaneous
SENER			
SiRTAP Narrow Band LoS Datalink	AIRBUS DS	Control Systems	Miscellaneous
IFF Mode 5 Rotary Wing Upgrade	AIRBUS HELICOPTERS SPAIN	Control Systems	Miscellaneous
Scater ZL-ZC	DGAM	Control Systems	Miscellaneous
MSSR ANTENNA	EASAT RADAR SYSTEMS LIMITED	ATC Secondary Radars	Miscellaneous
RSL-2730A + beacons	EASAT RADAR SYSTEMS LIMITED	ATC Secondary Radars	Miscellaneous
RSL-2730 + beacons	EASAT RADAR SYSTEMS LIMITED	ATC Secondary Radars	Miscellaneous
WARNING LIGHT CLUSTER	EUROPAVIA	Control Systems	Miscellaneous
Q-SING	GEONUMERICS	Control Systems	Miscellaneous
RADIATING COLUMN FOR LVA 8M. SSR ANTEN	HENSOLDT	ATC Secondary Radars	Miscellaneous
INSTALLATION MOUNTING HARDWARE ANTENNAS RSL-2731A	HENSOLDT	ATC Secondary Radars	Miscellaneous
HADR PROJECT	HENSOLDT	ATC Secondary Radars	Miscellaneous
Overhauling antennas RSL-2730A ESli & NWAi	HENSOLDT AUSTRALIA	ATC Secondary Radars	Miscellaneous
OVERHAULING ANTENNA N°4 PROYECTO ASR	HENSOLDT SENSORS	ATC Secondary Radars	Miscellaneous
Rrsl-2230+, 2731A FAT & DAP & INTERFACE	HENSOLDT Sensors GmbH	ATC Secondary Radars	Miscellaneous
Portable Antennas	INDRA	ATC Secondary Radars	Miscellaneous
Mixed Columns	INDRA	ATC Secondary Radars	Miscellaneous
SAAR 20VV Pedestal	INDRA	ATC Secondary Radars	Miscellaneous
UPPER RADOME D-VOR ANTENNA	INDRA	ATC Secondary Radars	Miscellaneous
LVA ANTENNA, PEDESTAL AND SPARE PARTS	INDRA	ATC Secondary Radars	Miscellaneous
OPEN PEDESTAL HOSE	INDRA	ATC Secondary Radars	Miscellaneous
ANTENNAS OPEN PEDESTALS & TESTS	INDRA	ATC Secondary Radars	Miscellaneous

AIRBUS DS
ONESAT



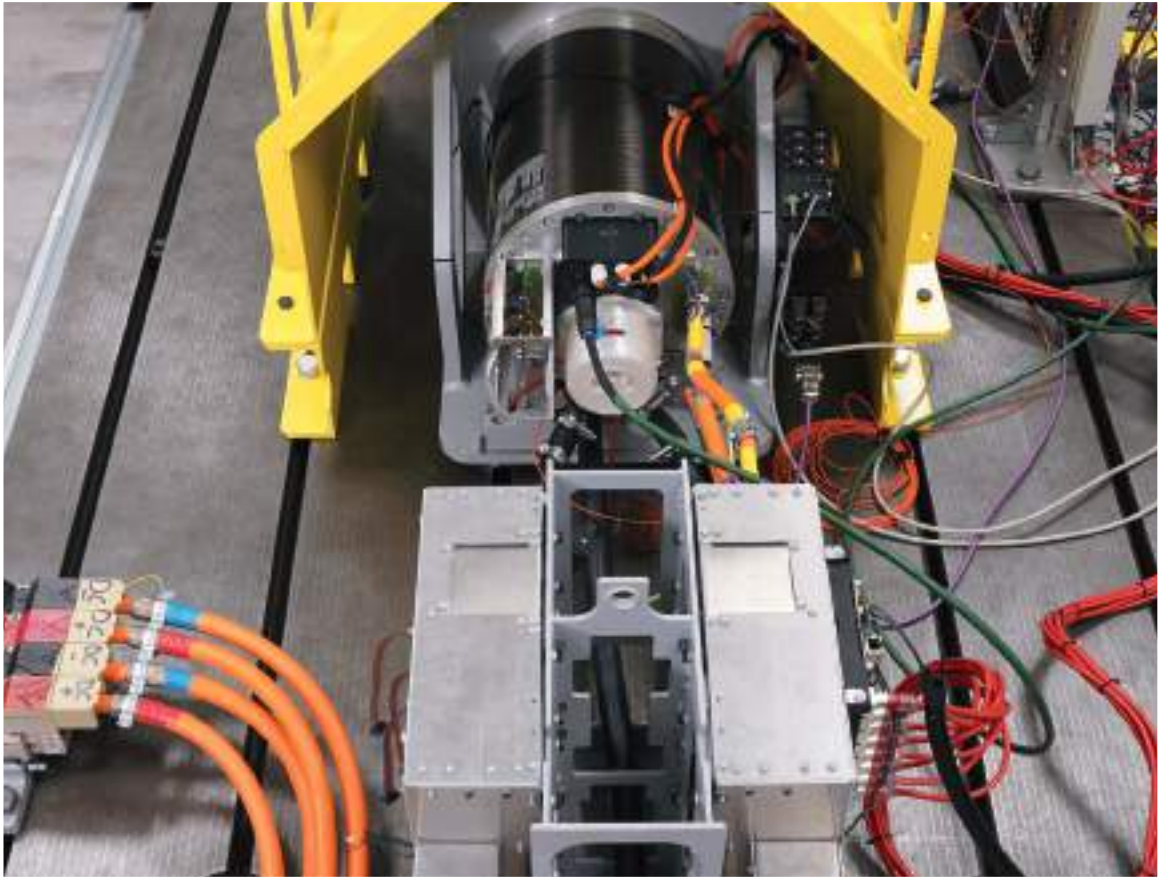
TECNASA

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
SENER			
ANTENNA DVOR	INDRA	ATC Secondary Radars	Miscellaneous
DVOR REFERENCE ANTENNA	INDRA	ATC Secondary Radars	Miscellaneous
Antenna Interfaces CSL-M C	INDRA	ATC Secondary Radars	Miscellaneous
45x Columns CSL-M Versión C	INDRA	ATC Secondary Radars	Miscellaneous
2xFAT antenna & pedestal	INDRA	ATC Secondary Radars	Miscellaneous
Antenna CSL-M Green version	INDRA	ATC Secondary Radars	Miscellaneous
Kit overhauling 3xantennas CSL-M CHIPRE	INDRA SISTEMAS	ATC Secondary Radars	Miscellaneous
Antennas Single LPI X-band	INDRA SISTEMAS	ATC Secondary Radars	Miscellaneous
MONOPULSE ANTENNA IDRONE	INDRA SISTEMAS	ATC Secondary Radars	Miscellaneous
ANTENNAS CSLM-C	INDRA SISTEMAS	ATC Secondary Radars	Miscellaneous
ANTENNA & PEDESTAL IDRONE	INDRA SISTEMAS	ATC Secondary Radars	Miscellaneous
30 x Radiation Set ADS-B	INDRA SISTEMAS	ATC Secondary Radars	Miscellaneous
EURODRONE DATALINKS	Non-disclosure	Control Systems	Miscellaneous
L-BAND TEST ARRAY	Non-disclosure	ATC Secondary Radars	Miscellaneous
DARS Spare Parts	RAYTHEON	ATC Secondary Radars	Miscellaneous
Stabilized Mirror Unit (SMU) of the sight	SAAB DYNAMICS	Control Systems	Miscellaneous
TECNASA			
FIRING HANDLES / O-RINGS	MARTIN-BAKER	Ejection Seats	Miscellaneous
HIGH PRECISION RUBBER-METAL PARTS	Non-disclosure	HYDRAULIC RETAINERS	Miscellaneous
TTT GROUP			
Heat and surface treatments	GOODRICH	Several	Miscellaneous
Heat and surface treatments	HEROUX DEVTEK SPAIN	Landing Gear	KAI platforms
Heat and surface treatments	IAI	Several	Miscellaneous
Heat and surface treatments	Non-disclosure	Ventilation / LIEBHERR	Miscellaneous
Heat and surface treatments	Non-disclosure	Landing Gear	SIKORSKY platforms
Heat and surface treatments	SAFRAN LANDING SYSTEMS	Landing Gear	AIRBUS families
Heat and surface treatments	SAFRAN LANDING SYSTEMS	Brakes	AIRBUS families
Heat and surface treatments	SAFRAN TRANSMISSION SYSTEMS	Several	Miscellaneous
Heat and surface treatments	WITZENMANN	Wing leading edge ventilation	AIRBUS families

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
URETA ENGRANAJES			
Gear components for actuators and flying controls	COLLINS AEROSPACE	Actuators and flying controls	A320, A330
High Precision Geared components	HEROUX DEVTEK SPAIN	Several	FCAS demonstrator
Gear components for valves and turopomps (pinions, shafts, worms,etc.)	LIEBHERR AEROSPACE TOULOUSE	Air treatment systems	A320, A220, C-290, A330, E-JET, F7X, F10X
WEC			
Air Bleed equipment parts	HONEYWELL	Air Treatment Management	AIRBUS A320/330
Air Bleed equipment parts	HONEYWELL	Air Treatment Management	DASSAULT F7X
Air Bleed equipment parts	LIEBHERR	Air Treatment Management	AIRBUS A220/320/330/400M
Air Bleed equipment parts	LIEBHERR	Air Treatment Management	AIRBUS A320neo/330neo
Air Bleed equipment parts	LIEBHERR	Air Treatment Management	BOEING 747-8
Air Bleed equipment parts	LIEBHERR	Air Treatment Management	DASSAULT F7X



GEMINYs



INGETEAM

SPACE 2025



SENER

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
AALBERTS SURFACE TECHNOLOGIES TEY			
Development of solutions (process, materials adaptation)	Non-disclosure	Launchers/Rocket Engines	Miscellaneous
AERNOVA			
Large and Complex Machined parts and Assemblies	SPACE X	Several	FALCON 9
Large and Complex Machined parts and Assemblies	SPACE X	Several	FALCON HEAVY
ANTERAL			
System antennas	AIRBUS DS	Antennas	Miscellaneous
System antennas	AVS	Antennas	LUR-1
System antennas	CAST - MKR	QON	CAST
System antennas	DLR	Components	Miscellaneous
System antennas	GMV	TT&C Antennas	MIURA 1
System antennas	IMPULSE	USA Government	Miscellaneous
System antennas	INDRA	Electronic warfare	Miscellaneous
System antennas	OSS	Antennas	Miscellaneous
System antennas	PARADIGMA	Antennas	Mockingjay, Seranis, GENA
System antennas	QUADSAT	Antennas	Miscellaneous
System antennas	SATCUBE	Components	Miscellaneous
System antennas	SPACE INVENTOR	Antennas	Bifrost
System antennas	SPACE NORWAY	SAR Feed Horns	MICROSAR
System antennas	SSTL	Antennas	Lunar Pathfinder
System antennas	THALES ALENIA SPACE	Safety Antennas	SPACE RIDER
ARATZ GROUP			
Machined components	Non-disclosure	Satellite Antennas	Miscellaneous
AZTERLAN			
Development of Structures for spacecraft and habitats OFF-EARTH	Non-disclosure	Structures	Miscellaneous
CIDETEC			
Testing	AVS	Launchers	Miscellaneous
Surface treatments	FINITEC ELECTROLISIS	Satellite	Miscellaneous
Surface treatments	INDRA SISTEMAS	Satellite	Miscellaneous
CTA			
Multi-Payload Component Static Tests	AIRBUS DS	Structure	Miscellaneous
Controller shock tests	CRISA	Flight Control	Miscellaneous

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
CTA			
Solar panels	DHV	Power	Miscellaneous
Heat pipes system	IBERESPACIO	Thermal Protection System	Miscellaneous
Satellite structures	ICEYE	Structure	Miscellaneous
Multispectral cameras	SATLANTIS	Mision	Miscellaneous
Mechanisms	SENER	Telecom	Miscellaneous
DANOBATGROUP			
High precision mechanical components	SENER	HGAG Antenna	Miscellaneous
High precision mechanical components	SENER	SIROM (Standard Interface for RObotic Manipulation of payloads in future space missions)	Miscellaneous
High precision mechanical components	THALES	Side and lower bracket	MORERA
KORTA			
Ball Screws	SENER	Several	Miscellaneous
MICROLAN AEROSPACE			
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	GMV	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	AEROSPACELAB	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	ANTERAL	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	ASTROLIGHT	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	ASTRONIKA	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	AVS	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	BRADFORD SPACE	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	DCUBED	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	ENDUROSAT	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	EOSOL	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	ICEYE	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	INASCO HELLAS	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	ISP	Several	Miscellaneous

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
MICROLAN AEROSPACE			
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	OMNIDEA	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	PLD SPACE	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	SENIOR AEROSPACE ERMETO	Several	Miscellaneous
Manufacturing of components for antennas, radars, shuttles, cube sat, mechanical actuators, jigs and fixtures etc.	THALES ALENIA SPACE	Several	Miscellaneous
MIZAR ADDITIVE			
Mock ups and Prototypes	SENER	Several	Miscellaneous
RENISHAW			
Metal 3D printing systems	Several	Several	Miscellaneous
SATLANTIS			
Delivery of a new generation of 100kg-class microsatellites of SATLANTIS. This payload will embark iSIM-90 + iSIM-170	CEIIA	iSIM-90 + iSIM-170	Microsat
Delivery of 5x iSIM 170 NEO (VNIR/PAN) payload units	CREOTECH	5x iSIM 170 NEO	Microsat
Embedded solution for methane emissions detection and quantification	ES SATELLITE VENTURES	GEI-SAT precursor (North-American orbits)	Cubesat
Copernicus Contributing Mission (CCM) service in the Category 1 for the detection and quantification of methane emissions (Atmospheric Composition Domain)	ESA	GEI-SAT precursor	Miscellaneous
iSIM SWIR for extended short wave infrared camera based on iSIM technology	ESA	iSIM 90 / SWIR and extended SWIR	Cubesat
Feasibility study of three key components for ARRAKIHS mission	ESA	iSIM-170	Miscellaneous
Build an instrument composed by two iSIM170 and a complex payload built from a European consortium that will observe 100 galaxies from LEO	ESA	2x iSIM170 Neo	Miscellaneous
This activity covers ARRAKIHS project management, refining instrument design, developing AIV procedures, planning tests, demonstrating key technologies (TCS and Folding Mirror), and designing and testing the OGD (On-Ground Demonstrator)	ESA	Instrument design outline breadboarding activity	Miscellaneous
Provide iSIM90-12U Satellit Payload and UHR algorithnm	ESA	Flight Model of the iSIM90-12U Satellite Payload	Cubesat
Designing and manufacturing a new instrument by integrating INTA's polarization modulator technology into the iSIM-90.	ESA	iSIM-90	Cubesat
Earth Observation Full Solution for Small Satellite	GEOCOSMOS CJSC	iSIM-SAT 16U and Product services	Cubesat

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
SATLANTIS			
Developing a prototype of processing software for board Earth Observation satellites of SAR technologies and/or high-resolution optical systems to detect 3 use cases: ships detection; General objects detection; and fire detection	GMV	Design a system to process and identify images to reduce the necessary flow of data to be transmitted to the ground due to the available bandwidth.	Miscellaneous
Delivery of a new generation of 100kg-class microsatellites of SATLANTIS. This payload will embark iSIM-90 + iSIM-170	OHB SWEDEN	iSIM-90 + iSIM-170	Microsat
Development, verification, and delivery of multiple models of the Very High Resolution (VHR) Optical Payload	OPEN COSMOS	7X iSIM 170	Microsat
Provide the images that cover the Basque Country systematically and other requests	SPRI	Acquisitions of data inside the Autonomous Community of the Basque Country	Miscellaneous
Delivery of Electro Optical Camera	TÜBITAK	Isimi-90 in panoramic pan-chromatic configuration	Customer platform-microsat
Delivery of 3x iSIM-170 Payload units, including support services and ground processing software	VIET NAM FT-RF JOINT STOCK	3x iSIM-170	Customer platform-microsat
SENER			
DTA-1201 SERIES PRODUCTION	AIRBUS	Actuators	miscellaneous
Design of the docking and berthing mechanisms between the I-HAB and the various modules, which will be assembled in orbit	AIRBUS / THALES ALENIA SPACE	Future space station in lunar orbit	LOP-Gateway lunar mission
GEN1R GPS y TTC	AIRBUS Constellations Satellites	Equipment	GEN1R
PAZ-2 QTRM, FEDAS and MEDAS	AIRBUS DS	Equipment	PAZ-2
Exomars RFM LLA	AIRBUS DS	Equipment	EXOMARS
TRUTHS-SPC	AIRBUS DS	Equipment	TRUTHS
ARIEL MGAMA	AIRBUS DS	Equipment	ARIEL
TEST CAPS FOR CO3D PROGRAM	AIRBUS DS	Equipment	CO3D PROGRAM
ALYAH 4&5	AIRBUS DS	Equipment	Miscellaneous
MSR ERO TPM	AIRBUS DS	TPM	MSR ERO
Output Power Distribution Network	AIRBUS DS	Opdn G2g	Miscellaneous
OPDN (output Power Distribution Network)	AIRBUS DS	OPDN	GALILEO 2ND GEN.
Smile Payload Module (plm) X-band Antenna	AIRBUS DS	Payloads & Antennas	Miscellaneous
Gw-v Development	AIRBUS DS	Equipment	ONESAT
Cpsu	AIRBUS DS	Equipment	ONESAT
Gw-Ina Development	AIRBUS DS	Equipment	ONESAT
Tcr Antennas	AIRBUS DS	Tcr Antennas	ONESAT



SATLANTIS

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
SENER			
USER BEAM LNAs Ku-Ka BAND	AIRBUS DS	Equipment	ONESAT
DTA10-104 rotary actuators	AIRBUS DS	Telecommunications platforms	ONESAT / EUROSTAR NEO
METOP-SG SAS HDRM DLM	AIRBUS DS	Equipment	METOP
Grace C S Band Antennas	AIRBUS DS	Equipment	GRACE C
ADLER DLNA & DSSPA	AIRBUS DS	Equipment	ADLER
C2OMODOR	AIRBUS DS	Equipment	C2OMODOR
GPS ANTENNAS	AIRBUS ONEWEB USA	ANTENNAS	ONEWEB
5G-NTN SpaceRAN Fase 2	AIRBUS UPNEXT	Equipment	5G-NTN
TMANT Exploitation	ARIANE GROUP	TELEMETRY ANTENNA (TMANT)	ARIANE 6
THEMIS GFS T1E	ARIANE GROUP	Equipment	THEMIS
AST GATEWAY ANTENNA	AST & SCIENCE LLC	Antenna	AST
AST_QV_WG&COUPLERS	AST & SCIENCE LLC	Equipment	AST_QV_WG&COUPLERS
VNE phase CDE1	AVIO SPA	Equipment	NAVIGA
NAVIGA	AVIO SPA	Navigation Equipment	VEGA-C
NEO SURVEYOR	BALL AEROSPACE & TECHNOLOGIES	Equipment	NEO SURVEYOR
QKD-LEO	CDTI	Equipment	QKD-LEO
Saphir-NG Pre-development	CNES	Equipment	Miscellaneous
Assembly and testing of actuator	ESA	REFOCUSING MECHANISM DERISKING	ARIEL
Design, manufacture and test a prototype of the HDRA (Hold Down and Release Actuator) mechanism	ESA	Scientific Mission	ATHENA
Design, manufacture and test the Instrument Selection Mechanism (ISM)	ESA	Scientific Mission	ATHENA
Analysis of different alternatives for planetary vehicle landing gear	ESA	Planetary exploration / Scientific Mission	AURORA - Mars Sample Return Mission
Fixation Box for a vegetal biology experiment to be performed at the ISS	ESA	FixBox	ISS - International Space Station
S-band deployable antenna integrated into the lunar ascent module	ESA	Future space station in lunar orbit	LOP-Gateway lunar mission
Technical and engineering assistance in the project	ESA	life-support system for long duration missions	MELISSA
Ku	ESA	Ku	NEXT GENERATION ARTES-34
ENVISION SRS - BB BOOM ANTENNA	ESA	Antenna	ENVISION

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
SENER			
SCRIPT	ESA	SCRIPT	Miscellaneous
THORMUX - Photonic RF Demux	ESA	Equipment	THORMUX
HDRM Roadmap	ESA	Equipment	Miscellaneous
In-flight demonstration study of all the functions of the mechanism and Guidance, Navigation and Control system (GNC)	ESA / ESTEC	Docking / joining mechanisms -Navigation	ISS - International Space Station
Hard Capture System (HCS) of the IBDM (International Berthing and Docking Mechanism)	ESA / ESTEC	Docking / joining mechanisms -Navigation	ISS - International Space Station
KARFID Ka-band Receive Front-End Digital Beamforme	ESA / ESTEC	Equipment	KARFID
HALER-BB	ESA / ESTEC	Equipment	HALER-BB
LISA Science Diagnostics Subsystem	ESA / ESTEC	Equipment	LISA
Upper Side Band Synchronisation (USBS)	ESA / ESTEC	Equipment	Upper Side Band Synchronisation (USBS)
Main contractor of the formation flying system	ESA / GMV	Equipment	PROBA 3
Scan assembly (FCI and IRS SCA) and the Calibration and Obturation Mechanism (FCI and IRS COM)	ESA / OHB	Observation satellite	METEOSAT THIRD GENERATION
Prime contractor for Euclid's AOCS/GNC	ESA / THALES ALENIA SPACE	Scientific Mission	EUCLID
Design and construction of the cells of the secondary (M2) and tertiary (M3) mirrors	ESO - European Southern Observatory	Infrared optical telescope	E-Extreme Large Telescope
Miniaturized Uhf Antennas For Planetary (mapp)	ESTEC	Antennas	Miscellaneous
AMFORASS ADDITIVE MANUF.FOR SELECTIVE SURFACES	ESTEC	Equipment	Miscellaneous
AERIAL	ESTEC	Equipment	AERIAL
ARIEL M2M PHASE CD	ESTEC	Mechanisms	ARIEL
De-Spin mechanism pre-development	ESTEC	Mechanisms	ESA
CPTR L-Band Feed	ESTEC	Antenna	Miscellaneous
ISL EQM Ph 2	ESTEC	Equipment	ISL
Magnetorheological Semi-Active Vibration Damping	ESTEC	Equipment	Miscellaneous
AEOLUS2-EBEX	ESTEC	Equipment	AEOLUS
REVOLUTE	ESTEC	Equipment	Miscellaneous
Radiating Element for Smal Navsats	ESTEC	Equipment	Miscellaneous
HARMONY Phase B1	ESTEC	Equipment	HARMONY
ACLICS	ESTEC	Equipment	Miscellaneous
High performance and compact resolver sensor devel	ESTEC	Equipment	RESOLVER
PROBA-3 PHASE E2-F	ESTEC	Equipment	PROBA 3

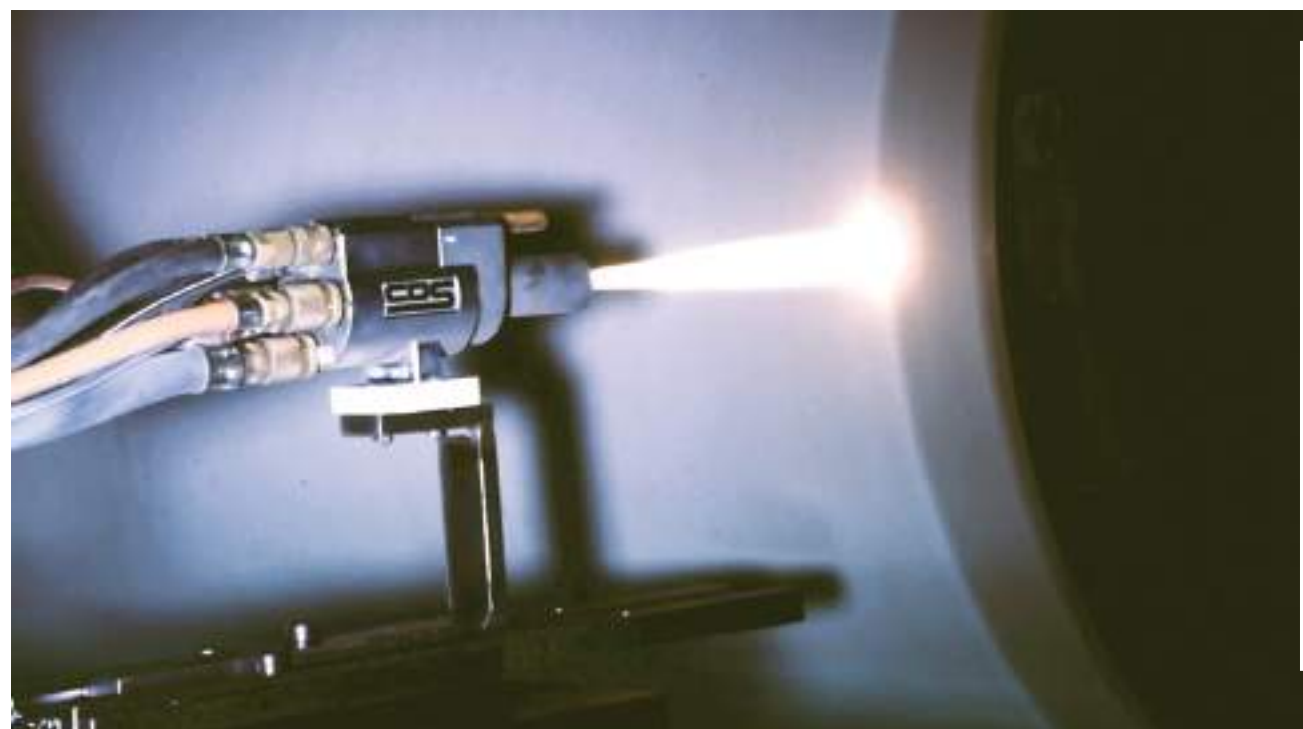


SENER

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
SENER			
ULTRASAT	IAI	Equipment	ULTRASAT
Comet-I Instruments Fase B	INSTITUTO DE ASTROFÍSICA DE ANDALUCÍA	Equipment	COMET I
S-band Antennas For Cas500 3,4 & 5	KOREA ASTRONOMY SPACE SCIENCE INSTITUTE	Antennas	Miscellaneous
DTJ Phase CD	LEONARDO	Equipment	PROSPECT
FLEX FLORIS INSTRUMENT OPTICAL MODULE STRUCTU	LEONARDO	Optics	FLEX
Platino FMA	LEONARDO	Equipment	PLATINO
COUGAR PASSIVES	LOCKHEED MARTIN	Activated RF	Miscellaneous
SDA T2 Beta	LOCKHEED MARTIN	Equipment	Miscellaneous
GEO XO ANTENNAS	LOCKHEED MARTIN COMMERCIAL SPACE SY	Equipment	GEO XO ANTENNAS
SERANIS X-band Antenna	LUXSPACE	Equipment	SERANIS
COULIS ELH038 Splitters	MDA	Equipment	COULIS ELH038 Splitters
COULIS C-Band LNA	MDA	Equipment	Miscellaneous
Gateway XORI Fluid Transfer	MDA	XORI Fluid Transfer	GATEWAY
THUNDER C-BAND LNA	MDA	Activated RF	Miscellaneous
SIRIUS XM 11&12	MAXAR	Equipment	ARIEL
Echostart-25 Power Dividers and Test Couplers	MAXAR	Equipment	Miscellaneous
PPE3 - Power Propulsion Element	MAXAR	Equipment	Miscellaneous
ECHOSTAR-26 Test Couplers & Hybrids	MAXAR SPACE LLC	Equipment	ECHOSTAR-26
WSO/UV/PDD	MINECO	WSO/UV/PDD	WSO
Rashid1 MAG Reboot	MOHAMMED BIN RASHID SPACE CENTRE	Equipment	Rashid1 MAG Reboot
COPERNICUS HPCM CIMR Mission	non-disclosure	Equipment	COPERNICUS
HALO PASSIVES	NORTHROP GRUMMAN	Passive RF	HALO
Halo Antennas	NORTHROP GRUMMAN	Equipment	HALO
CRYORAD	OHB ITALY	Equipment	CRYORAD
RAMSES ANTENAS MGA-LGA	OHB ITALY	Equipment	RAMSES ANTENAS
COMET-Interceptor Probe B2	OHB ITALY	Equipment	COMET I
COMET INTERCEPTOR MGSE	OHB ITALY	Equipment	COMET I
COMET INTERCEPTOR HGA AND LGA ANTENNAS	OHB ITALY	Antenna	COMET I

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
SENER			
OPSAT REPOINTING MECHANISM	OHB SYSTEM AG	Equipment	OPSAT
CHIME RMU	OHB SYSTEM AG	RMU	CHIME
PLATO PSHF	OHB SYSTEM AG	Equipment	Miscellaneous
FORUM Scan and Pointing Units	OHB SYSTEM AG	Scan and Pointing Units	FORUM
Space Logistics Proof of Concept-1 (PoC-1): In-Orb	OHB SYSTEM AG	Equipment	Miscellaneous
LISA MLTS	OHB SYSTEM AG	Equipment	LISA
LEO PNT IOT-UHF ANTENNA	OHB SYSTEM AG	Equipment	LEO
MTG SCAN ASSEMBLY	OHB SYSTEM AG / THALES ALENIA SPACE	SCANNER	METEOSAT THIRD GENERATION
I-Hab HCS-IBDM (International Berthing and Docking Mechanism)	REDWIRE	Mechanisms	ISS - International Space Station
ARIEL MGAMA Actuators	SENER Sp.z o.o.	Equipment	ARIEL
SARANT SLIs for Galileo Batch-3	SURREY SATELLITE TECHNOLOGY	Equipment	GALILEO
HummingSat RLNA CPSU	SWISSto12	Equipment	Miscellaneous
TT&C Global horn Ant. & Test couplers	THALES ALENIA SPACE France	Equipment	SES-23
ESPRIT HYBRID FTC	THALES ALENIA SPACE France	Mechanism	ESPRIT
Koreasat 6A	THALES ALENIA SPACE France	Antenna	Miscellaneous
THOR8 - JSAT32	THALES ALENIA SPACE FRANCE	Equipment	THOR8
KPS LBAND FILTER & ANTENNA	THALES ALENIA SPACE ITALIA	Equipment	Filtros
EnVision-SRS	THALES ALENIA SPACE ITALIA	Equipment	Envision
Moonlight_LCNS-XMGA	THALES ALENIA SPACE ITALIA	Equipment	Moonlight
LEO Cargo Return Service SMA & URM	THALES ALENIA SPACE ITALIA	Equipment	LEO
LISA HGAS	THALES ALENIA SPACE ITALIA	Equipment	LISA
Exomars RFM DM Backshell Anten. and Separation Sys	THALES ALENIA SPACE Italy	Equipment	EXOMARS
Iride Nimbus	THALES ALENIA SPACE Italy	Equipment	Miscellaneous
Reflector	THALES ALENIA SPACE Italy	Reflector	HALO
Lunar Communication System	THALES ALENIA SPACE Italy	Communications	HALO
Navigation Filters (navflt)	THALES ALENIA SPACE Italy	Equipment	GALILEO 2ND GEN.
Galileo G2 SARP	THALES ALENIA SPACE Italy	Equipment	GALILEO
SPACE RIDER	THALES ALENIA SPACE Italy	Equipment	SPACE RIDER
EUCLID AOCS	THALES ALENIA SPACE Italy	AOCS	EUCLID
LISA MECHANISM	THALES ALENIA SPACE Italy	MECHANISMS	LISA

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
SENER			
CIMR-MCA	THALES ALENIA SPACE Italy	Equipment	CIMR
ATHENA MAMD	THALES ALENIA SPACE Italy	Equipment	ATHENA
HARMONY SAR Mechanisms - Bridging Phase	THALES ALENIA SPACE Italy	Equipment	HARMONY
CIMR	THALES ALENIA SPACE Spain	Equipment	CIMR
In Space Proof of Concept 1	THE EXPLORATION COMPANY	Equipment	IN SPACE PROOF
TECNALIA			
Investigation of functional printing for innovative antennas	ANTERAL	Instruments	Miscellaneous
Application of Surface Functionalisation in Space Mechanisms	ESA	Structures / Mechanisms	Miscellaneous
Colaboration in the development of the DTSS and collimator structure of the e-XTP WFM instrument	ICE-CSIC	Instrument / Optics	Miscellaneous
AI for satellite images comprehension	SATLANTIS	Downstream	Miscellaneous
AMARE- Characterization of magnetorheologic systems for dumping applications in the space sector	SENER	Structures / Mechanisms	Miscellaneous
TTT GROUP			
Heat and surface treatments	AIRBUS DS	Propulsion systems	ARIANE Family
Heat and surface treatments	SENER	Several	Miscellaneous
TUBACEX			
Development of solutions (process, materials adaptation...)	Non-disclosure	Launchers/Rocket Engines	Miscellaneous
ZERUA TECH			
AI for Space Solutions	Non-disclosure	Several	Miscellaneous



TTT GROUP

SPACE NORWAY MicroSAR

MRO 2025



ITP AERO

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
AERNNOVA			
Technical assistance & Sales of spares 24H/365d	AIRBUS	MLGD, HTP, Fuselage, Wings...	AIRBUS families
Composite & metal structure repairs	AIRBUS	MLGD, Elevators, tips, Leading edges, Flaps...	AIRBUS families
Technical assistance & Sales of spares 24H/365d	AIRBUS	MLGD, HTP, Fuselage, Wings...	AIRBUS HELICOPTERS families
Support to FALs with Workfoce	AIRBUS DS	Fuselage, Wings, Antennes, Retrofits, Interiors...	AIRBUS DS A330MRTT
Support MROs with Workforce	AIRNOSTRUM	Several	Miscellaneous
Support MROs with Workforce	CESSNA	Several	Miscellaneous
Composite & Metal structure repairs	EMBRAER	Elevators, Rudders	EMBRAER 170/190
Composite & Metal structure repairs	EMBRAER	Elevators, Rudders	EMBRAER E-JET families
Composite & Metal structure repairs	EMBRAER	Flaps, Ailerons, Wing tips, MLGD, etc	EMBRAER ERJ145/135/ Legacy
Technical assistance & Sales of spares 24H/365d	EMBRAER	Structures and mobile surfaces	EMBRAER families
Technical Publications, SRM, AMM, ITEM, SB, etc	IAI	P2F conversions	AIRBUS A320
Maintainability, Reliability Analysis, MSG3	IAI	P2F conversions	AIRBUS A330
Composite & metal structure repairs	LEARJET	Tips, fairings, panels, etc	CRJ Families
Technical assistance & Sales of spares 24H/365d	LEARJET	Empennage, fairings, elevators	CRJ Families
Technical assistance & Sales of spares 24H/365d	LEONARDO	Fuselage	NHIndustries NH90
Technical assistance & Sales of spares 24H/365d	MHI	Empenage, fairings, elevators	CRJ Families
Maintainability, Reliability Analysis	OEMs	Several	Miscellaneous
Technical Publications, SRM, AMM, ITEM, SB, etc	OEMs	Several	Miscellaneous
Modifications at Final Assembly of OEMs	OEMs	Several	Miscellaneous
Design of repairs	OEMs & Operators	Several	Miscellaneous
Design of GSEs	OEMs & Operators	Several	Miscellaneous
Inspections, special processes and re-certification on site and in house	Operators	Several	Miscellaneous
Technical assistance & Sales of spares 24H/365d	Operators	Several	Miscellaneous
Composite & metal structure repairs and modifications	Operators	Several	Miscellaneous
Support MROs with Workforce	Operators	Several	Miscellaneous
Technical Publications, SRM, AMM, ITEM, SB, etc	SIE	P2F conversions	AIRBUS A330
Composite & Metal structure repairs	SIKORSKY	Shields, cowlings, stabilizers	SIKORSKY S-92
Technical assistance & Sales of spares 24H/365d	SIKORSKY	Cowlings, stabilizers	SIKORSKY S-92

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
AEROSPACE ENGINEERING GROUP			
MRO of electric power/hidraulics/landing gears/avionics	AIR FRANCE Ind	Several	All Range
MRO of electric power/hidraulics/landing gears/avionics	BRITISH AIRWAYS Engineering	Several	All Range
MRO of electric power/hidraulics/landing gears/avionics	IBERIA maintenance	Several	All Range
MRO of electric power/hidraulics/landing gears/avionics	LHT	Several	All Range
MRO of electric power/hidraulics/landing gears/avionics	MRO Operators	Several	All Range
DANOBATGROUP			
Grinding Machine Retrofitting	MRO Operators	Engines	Miscellaneous
Machine tools for landing gear MRO	MRO Operators	Landing gear	Miscellaneous
EGAMASTER			
FOD Tool Control system	GLOBALIA	Several	Miscellaneous
Electronic Kanban systems	GLOBALIA	Several	Miscellaneous
ITP AERO			
Resolving incidents	ROLLS-ROYCE	RR Trent 700	AIRBUS A330
Resolving incidents	ROLLS-ROYCE	RR Trent 500	AIRBUS A340
Resolving incidents	ROLLS-ROYCE	RR BR717	BOEING 717
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Royal Air Force	HONEYWELL TPE331	SHORT TUCANO
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Several	P&W PW206	EUROCOPTER EC135
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Spanish Ministry of Defence	GE F404	BOEING F/A-18
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Spanish Ministry of Defence	HONEYWELL TFE731	CASA C101
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Spanish Ministry of Defence	HONEYWELL TPE331	CASA C212
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Spanish Ministry of Defence	SNECMA ATAR	DASSAULT MIRAGE Families
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Spanish Ministry of Defence	EUROJET EJ200	EUROFIGHTER TYPHOON
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Spanish Ministry of Defence	RR T56	LOCKHEED MARTIN C130
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Spanish Ministry of Defence	RR T56	LOCKHEED MARTIN P-3
Full Maintenance, Inspection and Repair, modules and components & engine and accessories test	Spanish Ministry of Defence	GE J85	NORTHROP F-5

GENERAL DESCRIPTION OF THE PRODUCT/SERVICE	DIRECT CLIENT	SYSTEM / EQUIPMENT	PLATFORMS
ONA ELECTROEROSIÓN			
Fast Hole EDM Machine-Tools	SAFRAN AIRCRAFT ENGINES	Engines	LEAP 1A / LEAP 1B
RENISHAW			
Measurement machine (CMM) with multiple instruments to emasure blades, and components	Several	Several	Miscellaneous
TTT GROUP			
Heat and surface treatments	SAFRAN LANDING SYSTEMS MRO	Landing Gear	AIRBUS families



EGAMASTER

R&D PROJECTS 2025



LORTEK

PROJECT	SUMMARY	CALL
AALBERTS SURFACE TECHNOLOGIES TEY		
ITP AERO projects	Heat Treatments	Others
AERNNOVA		
ORGANIC	Additive Manufacturing of blade composite moulds.	European - Horizon Europe
ENGRT2	Next generation tactical defence rotorcraft ENGRT2	European . EDF
UPWING	Droop nose composite leading edge	European-CLEAN AVIATION
FASTER H2	LH2 aircraft and airframe integration	European-CLEAN AVIATION
HERA	Digital and sustainability activities for Hybrid Electric Aircraft	European-CLEAN AVIATION
HERFUSE	New Empennage Joining Solutions of Hybrid Electric Regional Aircraft	European-CLEAN AVIATION
CLEAN SKY 2	Airframe ITD: Morphing composite winglet, advance flap kinematics	European-CLEAN SKY 2
CLEANSKY 2	LPA, HLFC HTP and WING: hybrid composite metallic architectures for leading edges with laminarity	European-CLEAN SKY 2
CLEANSKY 2	LPA, REAREND: 100% composite rear fuselage architecture with advanced materials and manufacturing processes	European-CLEAN SKY 2
CLEANSKY 2	LPA, THERMOPLASTIC PANELS: cargo door surrounding structure, stingers, etc	European-CLEAN SKY 2
ENGRT	Low observability and impact resistant fairings for high speed helicopter	European-EDF
MOLDAM	Large composite tools enabled by additive manufacturing	European-EIT Manufacturing
SEER	SHM and structural airframe developments	European-Horizon Europe
DIDEAROT	Aerospace manufacturing operations digital twins	European-Horizon Europe
GENEX	Generative digital models	European-Horizon Europe
GRAPHENE 3	Primary structure characterization when composite materials graphene doped	European-Horizon Europe
MASTERLY	Large components automatic manipulations in an aerospace industrial assembly line	European-Horizon Europe
LASERWAY	New laser manufacturing process for micromilling components	European-Horizon Europe
NECTAR	Industrialization to robotize drilling without a template, countersinking, inspection.	National - CDTI
AEROBOTICS	Aerospace assembly operations robotization and digitalization	National - CDTI PTA 2022
REFORCE	Metrology technologies for wing movables hinge line	National - MICINN
CAPMAM	Characterization of new composites material for Avance Air Mobility	National - MICINN
DIGIFORM	New metallic forming manufacturing process and digital IA enhanced twins	National - MICINN
E-FLIGHT	Electric airframe technologies development	Regional - Basque Calls - HAZITEK
Quick	Robotics solution for non destructive testing	Regional - Basque Calls - HAZITEK
HYPERSCALE	Smart System for positioning and sealing aerostructures assemblies	Regional - Basque Calls - HAZITEK

PROJECT	SUMMARY	CALL
AERNNOVA		
XHEGALAK	Challenges that supersonic aviation brings to aerostructures by developing highly technological products, assemblies, and functional solutions that supersonic aviation requires.	Regional - Basque Calls - HAZITEK
HAIZEBOT	Research into new AI-based solutions, perception systems, and mechatronics for the optimization of aerostructure assembly cells	Regional - Basque Calls - HAZITEK
ANTERAL		
6G-REFERENCE	6G Hardware Enablers for Cell Free Coherent Communications and Sensing	European- Horizon Europe
ADRIENNE	Validation of Additive Manufacturing technologies for antennas and passives for small satellites	European-NAEN Euroregion
COALA	Conformal antenna for launchers	National - CDTI
GAS	New topologies of antennas based on "Gap Waveguide (GW)" for New Space applications	National - MICINN (AEI)
REDRONAV	Develop and integrate innovative technologies into a network of unmanned aircraft (UAS) to capture and process data in a massive and intelligent way	Regional - Navarra Calls - Strategic
AZTERLAN		
HIPERION III	Development of metallic structures for transit and space habitation in missions to Mars	Regional - Basque Calls - ELKARTEK
AIRETRO	Development of a new turbine blade manufacturing process to reduce inclusions and increase creep properties	Regional - Basque Calls - HAZITEK
DATUA	Development of digital systems for the capture and processing of data in the lost-wax manufacturing processes of aeronautical components	Regional - Basque Calls - HAZITEK
CIDETEC		
exFan	Novel recuperation system to maximize exergy from anergy for fuel cell powered geared electric aircraft propulsion system.	European- Horizon Europe
GENEX	New end-to-end digital framework for optimized manufacturing and maintenance of next generation aircraft composite structures	European- Horizon Europe
TOSCA	Manufacturing Processes and Digital Tools for More Sustainable Composite Aerostructures	European- Horizon Europe
TOPPROPEL	Toroidal Propellers for Efficient and Sustainable Aviation	European- Horizon Europe
HIPERION III	Generation of knowledge and capabilities for new space technologies and future planetary missions	Regional - Basque Calls - ELKARTEK
CTA		
FASTER H2	Fuselage, Rear Fuselage and Empennage with Cabin and Cargo Architecture Solution validation and Technologies for H2 integration	European-CLEAN AVIATION
HERFUSE	Hybrid-Electric Regional FUSelage & Empennages	European-CLEAN AVIATION
HEGAPS	Hybrid Energy Grid and Propulsion System	European Defence Fund Action
TheMa4HERA	Thermal Management for the Hybrid Electric Regional Aircraft.	European-CLEAN AVIATION
HEAVEN	Hydrogen Engine Architecture Virtually Engineered Novelty	European-CLEAN AVIATION

PROJECT	SUMMARY	CALL
CTA		
ADRIENNE	Additive manufacturing for sustainable antenna systems in small satellites	European - NAEN
LINCE	Industrialization Line for Payloads and Space Platforms	National - PTE
ZEROe	TECHNOLOGIES FOR OPERATE AIRCRAFT WITH ZERO EMISSIONS	National - PTA
PHIADI	INNOVATIVE ADVANCED E INTELLIGENT HYDROGEN PROPULSION	National - PTA
CORSARIO	Resilient satellite communications for integrated and operational rotary wing	National - PTA
LIDER	Disruptive Helicopter of the Future	National - PTA
H2APS	Unmanned Hydrogen Pseudo Satellite - Hydrogen High Altitude Autonomous Pseudo Satellite	National - PTA
TANKZERO	Hydrogen Storage Technologies to Power Zero-Emission Aircraft Operations	National - PTA
CLAH2RENH3CE	New Concept for Ammonia and Hydrogen-Based Propulsion with Application to the Conversion of AeroN(H3)craft for Decarbonized Aviation	National - PTA
HEGAZKIN 2025	Validation of New Technologies for Zero Emission Aircraft	Regional - Basque calls -DFA
COMAVIOT 2025	Development of AIoT architectures for the optimization of aeronautical manufacturing processes	Regional - Basque calls -DFA
HIPERION III	Generation of knowledge and capabilities for new space technologies and future planetary missions	Regional - Basque calls - ELKARTEK
OPTIVIA	AI-Based Flight Optimization.	Regional - Basque calls - ELKARTEK
NEWHEGAZ	Disruptive Technologies in the Aeronautical Industry for the Zero-Emissions Aircraft.	Regional - Basque calls - ELKARTEK
DBASKIN	Creation of rapid-deployment deep learning algorithms for industry, endowing machines with reasoning techniques.	Regional - Basque calls - ELKARTEK
EKOPROP	Enabling technologies for intelligent and sustainable propulsion of zero-emission aircraft	Regional - Basque calls - ELKARTEK
X-HEGALAK	New technological solutions for unconventional aircraft wings	Regional - Basque calls - HAZITEK
HAIZEBOT	Research into new AI-Based Solutions, Perception Systems, and Mechatronics for the Optimization of Robotic Cells for Aerostructure Assembly.	Regional - Basque calls - HAZITEK
METALISS	Research, Development, and Validation of Metallized Waveguides and Reflectors on CFRP for Space Applications	Regional - Basque calls - HAZITEK
EGILE		
EXFAN	Performance improvement in propulsion system electrification architectures. Fuel cell heat recovery system to increase propulsion system efficiency. Electric motor and collaboration with TU Wien and TU Munich in the development of the motor and transmission system for a 1MW motor.	European- Horizon Europe
APERTURAS	Electrification of aircraft propulsion systems. Transmission technologies for 600 kW engines. Tilting system for eVTol.	National - PTA

PROJECT	SUMMARY	CALL
EGILE		
FETEN	Research, development and validation of friction, efficiency and thermal models for aeronautical compact gear transmissions, based specifically on the operating conditions of an EMA for aeronautical applications.	Regional - Basque calls - BerriTEK
PRELUDIO	Electrification of aircraft propulsion systems. Research and development of transmission technologies for 250 kW engines.	Regional - Basque calls - HAZITEK
CONFLES	Leader: Research and development of manufacturing and automation technologies to improve the performance and sustainability of the NGV manufacturing process.	Regional - Basque calls - HAZITEK
AFA-3e	Application of additive manufacturing to improve the efficiency of electrically powered air taxis. Led by EGILE, whose activity focuses on the development of LPBF additive technology for the manufacture of key primary and secondary structural components for Lilium, in aluminum and titanium-based materials.	Regional - Basque calls - HAZITEK
METALIA	Leader: Implementation of AI technologies in the value chain of additive manufacturing of new metal alloys.	Regional - Basque calls - HAZITEK
ERAGIN	To design, develop, and validate a higher-performing, thermally stable, and reliable linear EMA throughout its lifecycle, EGILE's collaboration focuses on technology development to achieve the following specific objectives.	Regional - Basque calls - HAZITEK
EMMA	Research and development of critical technologies that allow the creation of a new electromechanical actuation system (EMA) with improved efficiency, high precision, and optimized mass and volume.	Regional - Basque calls - HAZITEK
PILLOW	Design, manufacture and testing of a sustainable shock absorber system, with characteristics and properties optimized to meet the specific requirements corresponding to market segments that include light aircraft.	Regional - Basque calls - HAZITEK
MoMA	Research and development of advanced technologies and simulation solutions for the design and validation of a new, high-efficiency hydraulic pump operating at high pressures. The solution will offer greater power density compared to current technologies, optimizing its application in the aerospace sector.	Regional - Basque calls - HAZITEK
TOTEM	Design, development and validation of a more efficient and compact electric motor and its control electronics for critical operating conditions, typical of aeronautical environments (high temperature and altitude).	Regional - Basque calls - HAZITEK
AVEL	Development of technology for high-speed transmissions with minimal injection lubrication. Friction models for high-speed gears. Advanced computational lubrication models.	Regional - Basque calls - RVCTI
VALORE	Operational validation of an EMA system	Regional - Basque calls - RVCTI
EHU - EUSKAL HERRIKO UNIBERTSITATEA		
AeroSpace Advanced Manufacturing	Development of manufacturing processes for aeroengines	Otros - CFAA Partners
AeroSpace Advanced Manufacturing	Analysis of machine tool performance for aerospace machining operations	Otros - CFAA Partners

PROJECT	SUMMARY	CALL
EHU - EUSKAL HERRIKO UNIBERTSITATEA		
AeroSpace Advanced Manufacturing	Development of Welding processes for aeroengines	Otros - CFAA Partners
AeroSpace Advanced Manufacturing	Development of Additive Manufacturing processes for aeroengines	Otros - CFAA Partners
AeroSpace Advanced Manufacturing	Development of inspection and NDT processes for aeroengines	Otros - CFAA Partners
EIPC - EIBAR PRECISION CASTING		
HIDROSOL	New aluminium products for aeronautics with high modular variability obtained by ablation casting	National - CDTI
MODELAN	Technologies for advanced and connected integral modelling for metal industries	Regional - Basque calls - HAZITEK
MANDALA	Development of aeronautic components with advanced design and high performance by SLM	Regional - Basque calls - HAZITEK
SENDOA	Process development for the manufacturing of high strength aluminium components	Regional - Basque calls - HAZITEK
CORTEX	Precision in ultra near net shape critical components obtained by 2030 processes	Regional - Basque calls - HAZITEK
ADISAM	Aluminium components produced by ablation casting for the aeronautic industry	Regional - Basque calls - HAZITEK
EKIN		
FAUSTO	A Sustainable and Safe Autonomous Factory through Deep Technologies aims to transform the broaching process through the intensive use of data and advanced Artificial Intelligence techniques. To achieve this, it seeks to develop new digital capabilities that allow for a much more precise understanding, control, and optimization of this process.	National - TransMisiones
HATASU	High-removal-rate tools with surface integrity safeguards: new designs and comprehensive process monitoring	Regional - Basque calls - HAZITEK
ERAGIN	A new era in advanced manufacturing of intermediate pressure modules for the generation of innovation and knowledge.	Regional - Basque calls - HAZITEK
LEHIAKOR	Technologies for an advanced, competitive, and sustainable industry exploiting the possibilities of Artificial Intelligence	Regional - Basque calls - HAZITEK
IDEKO		
INFINTE	Monitoring of manufacturing and structural health of composite primary structures based in the inclusion of ferromagnetic microwires to be monitored wirelessly at the earliest stages	European-HORIZON EUROPE
HERFUSE	Manufacturing solutions for Hybrid Electric Regional Aircraft's fuselage. Manufacturing of an integrated lateral panel with dry NCF and liquid resin infusion	European - Clean Aviation

PROJECT	SUMMARY	CALL
IDEKO		
CompSTlar	CompSTlar proposes a novel, holistic integrated-and-interoperable physical and digital-driven research ecosystem encompassing automated and scalable composite technologies, multiphysics-based and data-driven models, AI-powered tools, and sensorized processes and products, for the advanced design and cost-competitive manufacturing, intelligent maintenance and repair, and sustainable recycling of novel graphene-functionalized multifunctional and multimaterial (M&M) thermoplastic composite (TPC) aerostructures.	European-HORIZON EUROPE
IGESTEK		
FUTURE	Automated and highly flexible thermoplastic composite structure manufacturing processes for sustainable, zero-emission aviation	National - MISIONES
NEOSTRUCT	Development of new generation multifunctional aerostructures through the hybridization of thermoplastic composite materials and additive manufacturing.	Regional - Basque calls -DFB
INGETeam		
ZERO	Technologies for a ZERO Emission Aircraft Operation	National - PTA
APERTURAS	Advances in Electric Propulsion with Turbomachines	National - PTA
ITP AERO		
THEMA4HERA	Thermal management for the Hybrid Electric Regional Airca	European - Clean Aviation
SECASSURED	Security Assurance-driven AI-based Security Services for Trustworthy Security Engeeniring from Left to Right	European - Horizon Europe
HEAVEN	Hydrogen Engine Architecture Virtually Engineered Novelly	European - Clean Aviation
UNIFIED	Ultra Novel and Innovative Fully Integrated Engine Demonstrations	European - Clean Aviation
ACTOR	Aerodynamically Controlled Thrust ORientation for enhanced manoeuvrability in counter UAS and future advanced defence applications	European - EDF
ESOCA	European System for Outsized Cargo Airlift	European - EDF
VECTOUAV	VECTOUAV	European - EDF
FAUSTO	Autonomous, Sustainable and Secure Factory through Deep Technologies	National - CDTI
AEROCONNECT	Efficient aeronautical value chain CONNECTED through data space	National - CDTI
CIRCE	Training in Propulsion of Unmanned Combat Aircraft	National - CDTI
MERLIN	Efficient and Reusable Motor for International Launchers	National - CDTI
SAFIRE	Key ideas and relevant experiments from Spray Aeroengine	National - MICIN
TWINS	Digital twins for productive, defect-free multi-axis milling	National - MICIN
LASTER	Technologically advanced laser solutions for efficient and robust manufacturing	Regional - Basque calls - HAZITEK
ERAGIN	New Era in Advanced Manufacturing of Intermediate Pressure Modules for Innovation and Knowledge Generation	Regional - Basque calls - HAZITEK

PROJECT	SUMMARY	CALL
ITP AERO		
CANON	Regulation-oriented aeronautical electric propulsion system control	Regional - Basque calls - HAZITEK
DATUA	Advanced digitization in the manufacture of aeronautical turbines	Regional - Basque calls - HAZITEK
LAZPIUR		
Product development	Vanes and Blades prototypes	Others - Internal/ Client Development
Processes development	Sensorized tooling	Others - Internal/ Client Development
LORTEK		
DISCMAN	Digital Supply Chain for on-site Maintenance in defence by AM	European-EDF
ROLIAC	Robust and Light AM Components for Military Systems	European-EDF
COROB	Cooperative robotics powered by AI and data for flexible production cells	European-Horizon Europe
AMANECO	Additive Manufacturing boundary limits ass	European-Horizon Europe
FLASH-COMP	Flawless and sustainable production of composite parts through a human centred digital approach.	European-Horizon Europe
WAVETAILOR	Modular laser sources for sustainable production of short personalized production series	European-Horizon Europe
AIRISE	Artificial Intelligence in Manufacturing for Sustainability at SMEs	European-Horizon Europe
AMALTEA	Advancing Green Deal Principles in sMart FacAde TechnoLogies for the construcTion sEctor based on AI, Data & Robotics	European-Horizon Europe
KUBIBIT	TECHNOLOGICAL PATHWAYS FOR QUANTUM INNOVATION	Regional - Basque calls - ELKARTEK
ECOFAST 2	Sustainable and productive additive manufacturing technologies for improved competitiveness	Regional - Basque calls - ELKARTEK
WINDLIFE	Research into new decision-making tools and remanufacturing technologies for extending the useful life of wind turbine components	Regional - Basque calls - HAZITEK
GESMIND	Research into a new human-centric cognitive factory model for the automotive sector	Regional - Basque calls - HAZITEK
SENDOA	SAFE DESIGN AND DEVELOPMENT OF AI-BASED ROBOTIC SYSTEMS	Regional - Basque Calls- ELKARTEK
HANDIA	Humans at the center of AI-powered non-destructive inspection technologies	Regional - Basque Calls- ELKARTEK
HIPERION II	Generation of knowledge and capabilities for new space technologies and future planetary missions	Regional - Basque Calls- ELKARTEK
REVIR	Revaluation of the chips generated during the machining process	Regional - Basque Calls- ELKARTEK
HYBRID	Hybrid manufacturing technologies for smart industry	Regional - Basque Calls- ELKARTEK

PROJECT	SUMMARY	CALL
MESIMA		
DESPRO	Development of new products and strategies for ECO21 manufacturing of blades for 100% SAF aircraft turbines	Regional - Basque calls - HAZITEK
METROLOGÍA SARIKI		
CONFLES	Manufacturing equipment for aero components	Regional - Basque calls - HAZITEK
ERAGIN	New Components for aero engines	Regional - Basque calls - HAZITEK
HATASU	Improvement of manufacturing technologies	Regional - Basque calls - HAZITEK
WELD4ALL	Research of welding inspection system	Regional - Basque calls - HAZITEK
HIP4AE	HIP technology research for complex structures	Regional - Basque calls - HAZITEK
HAIZEBOT	Manufacturing technologies for aero structures	Regional - Basque calls - HAZITEK
MIZAR ADDITIVE		
CETACEO	Development of more efficient transport aircraft with the aim of reducing emissions to net zero in the medium and long term.	National - PTA
MONDRAGON UNIBERTSITATEA		
EKOPROP2	Thermal management technologies for intelligent and sustainable zero-emission aircraft propulsion	Regional - Basque calls - ELKARTEK
NEWHEGAZ	Disruptive Technologies in the Zero-Emission Aircraft Aeronautical Industry	Regional - Basque calls - ELKARTEK
TAILORSURF	Custom design of the surface integrity of machined components to improve their durability in healthcare and aerospace applications	National - MICIU
SATLANTIS		
SPIDER	Developing an affordable high revisit constellation of small satellites with various types of sensor payloads (e.g. optical, optical video, low light, infrared, hyperspectral, SAR), including its ground segment, for ISR applications, providing responsive tasking and collection, including on board processing, for operational and tactical use, and with high level of interoperability.	European-EDF
IVSEN	Development of Graphium Payload	European - ESA inCubed
SAGE	The SAGE (Sustainable Green Europe Data Space) project will develop a federated, secure, and interoperable data space to support the European Green Deal. Satlantis will use GDDS to manage and share data across modular and autonomous CMM machines, optimizing hybrid CMM equipment performance for satellite manufacturing. It will also leverage GDDS for earth observation data sharing via SATLANTIS' GEISAT Precursor to monitor methane emissions.	European - Digital Europe Programme
MESEO	Design, prototype and demonstrate an open, flexible and scalable multi-mission EO End-to-End system for massive processing.	European Commission-HADEA

PROJECT	SUMMARY	CALL
SATLANTIS		
MARTINA	Imagery acquisitions from GEISAT and HORACIO satellites	European-EDF
NEMOS	Detail design an EO mission for maritime surveillance for defence applications based on small satellites.	European-EDIDP
CIBERSEGURIDAD	Implementing a CASB tool, thanks to which SATLANTIS will be able to mitigate the risk of data loss thanks to the visibility and control of the main in cloud applications.	Regional - Basque Calls - Ciberseguridad Industrial
COMETENCIAS DIGITALES EN CIBERSEGURIDAD	Its objective is to apply specialized tools to assess the cybersecurity competency profile of the workforce and to develop a tailored improvement roadmap aligned with Satlantiss' actual needs.	Regional - Basque Calls - Ciberseguridad Industrial
INFOCUS	INTELLIGENT AND SUSTAINABLE DESIGN AND MANUFACTURING OF NEW PRODUCTS WITH SURFACE PROCESSES FOR OPTOELECTRONIC APPLICATIONS	Regional - Basque calls - HAZITEK
ARTZAIA	SATLANTIS provides GEISAT imagery to monitor pastures and livestock in the Basque Country	Regional - Basque calls - HAZITEK
SENER		
EO-DDL PDT EM	Development of a full dual (X and K) band EO Data Downlink System (EO-DDL), targeting data rates higher than 2 Gbps per channel. The DDL includes two on-board sub-systems: the Payload Data Transmitter (PDT) assembly and the Ultracompact Dual Band steerable (mechanically) Antenna (UDBA) assembly.	European-EDA
SAFEST	SAFEST project will develop an AFTU for micro/small launchers. Different from other developments linked to a launch site, the proposed AFTU segregates the general-purpose sensors and functions from the mission abort rules, which are launcher and spaceport dependant. This enables customisation for a given launcher and site. This strategy is a game changer for the reduction of launch service cost and access to space.	European-EDA
EICACS	"The project "European Initiative for Collaborative Air Combat Standardisation" (EICACS) will focus on interoperability as air collaborative combat will involve future combat air systems, manned or unmanned platforms, legacy platforms and their evolution, including sensors and effectors. The EICACS aims at ensuring the interoperability of such assets (with NATO and potentially other coalitions situations) and a seamless integration of future combat air systems."	European-EDA
COMMANDS	The COMMANDS project aims to develop Through Life Capabilities (TLC) for agile, intelligent and cooperative Manned and Unmanned Land Systems. These Capabilities will be based on a variety of state-of-the-art UGV Technologies solutions that will provide seamless functional services across integrated modular open architectures. The answer to the UGVT call is based on a solid Systems Engineering process supported by a Technology Demonstrator and a Business Case, that will ensure early de-risking as well as potential early exploitation of technologies directly addressing a roadmap of self-reliant EU Defence TLC sustainable development.	European-EDA
ADEQUADE	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.	European-EDA

PROJECT	SUMMARY	CALL
SENER		
EUROHAPS	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/Infra-red, Signal Intelligence and telecommunications) some of which have been never developed in Europe.	European-EDA
HYDEF	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.	European-EDA
Q-SING	The project “Quantum-based Simultaneous inertial Navigator and vector Gravimeter” (Q-SiNG) will demonstrate of a free-inertial high-accuracy navigation system, able to operate in GNSSdenied areas on all type of military vehicles, from submarines to aircraft.	European-EDA
LATACC	The project “LAnd Tactical Collaborative Combat” (LATACC) will improve armed forces' collaborative capabilities from Brigade command post down to combat vehicles, dismounted soldier, and unmanned assets in high intensity conflicts. LATACC enhances legacy systems, develops new technologies and integrates them into a common European framework.	European-EDA
ODINS EYE II	ODIN's EYE II contributes to the further development of a European space-based missile early warning (SBMEW) architecture initiated under EDIDP. The target system addresses timely warning, technical intelligence, missile defence systems against ballistic, hypersonic and anti-satellite (ASAT) threats as well as proliferation control. The project will leverage and consolidate collaborative efforts by entities from EU Member States in developing a common SBMEW capability to respond to the current and future security threats.	European-EDA
SPIDER	SPIDER is a feasibility study addressing developments of multi-mission affordable satellites constellations dedicated to space-based Intelligence/Surveillance/Reconnaissance (ISR) for defence use-cases compatible with national and EU initiatives. The project ambition is to provide high reactivity, including autonomous re-tasking, short revisit periods and short end-to-end system latency. The outcome of the activity will be a preliminary system design including performance and cost analysis.	European-EDA
SWAT SHOAL	SWAT-SHOAL develops a concept of a system-of-systems, based on swarming technologies, to integrate manned and unmanned naval assets, collaborating effectively as a team to achieve greater performance and efficiency in a broad spectrum of underwater missions against moving subsurface threats. The system will enable that different vehicle types, working in a team as a single unit, can face more complex scenarios, or that they are organized as a squad assigning a defined task to each platform.	European-EDA
ARCHYTAS	The goal of ARCHYTAS is to investigate non conventional Artificial Intelligence (AI) accelerators for defence applications, using novel technologies at the device and package level.	European-EDA
MARTE	The goal of MARTE is to further develop a new Main Battle Tank (MBT) platform that meets current and future threats and needs, integrating innovative and disruptive technologies.	European-EDA
OPTIMAS	OPTIMAS will define, design, and test an airborne laser communication system applicable to various satellite constellations for integration into air, naval and land units.	European-EDA

PROJECT	SUMMARY	CALL
SENER		
AI-WASP	The AI-WASP “Artificial Intelligence Warfare Adaptive Swarm Platform” project aims to develop a pioneering solution of AI-based multifunctional aperture and transceiver.	European-EDA
AURIGA	AURIGA aims to design, develop and prototype key technology bricks, enabled by an open, scalable and modular AIFV system architecture that addresses both current and future threats and requirements.	European-EDA
BEAST	The project aims to develop a modular Future Short-Range Missile (FSRM) for versatile multi-role use in air-to-air, ground-based air defence, and air-to-ground operations.	European-EDA
E-PERFECT	ePERFECT proposes a European supply chain that can produce high-performance radio frequency (RF) components like transceivers and processors.	European-EDA
HYROGLIVE	HYROGLIVE project will improve the European defence capabilities against hypersonic glide vehicle (HGV) threats.	European-EDA
CARAMUEL	led by HISPASAT, is working on the feasibility phase of the first geostationary quantum key distribution mission, one of the main technologies that will define secure communications of the future.	European-ESA
SIROM GSTP	SIROM GSTP project funding by ESA is focused on the demonstration and validation of SIROM G fluidic version until TRL6. SIROM G is currently the baseline for EROSS SC demonstration mission 2030 for refuelling activities in-orbit services.	European-ESA
MULTIMAG	The EU-funded MultiMag project aims to develop innovative design tools, high-performance materials and multi-material additive manufacturing (MM-AM) procedures for the manufacture of electric machines' lightweight components. This will result in machines that operate better, are more energy-efficient and have shorter lead times. The components can be disassembled when no longer in use and the materials recycled successfully. In addition, MultiMag will deliver a framework and toolbox to tackle several complex design challenges.	European-Horizon Europe
EROSS IOD	The EU-funded EROSS IOD project aims to change this by researching the use of autonomous robots for on-orbit Servicing (OOS). Tasks such as autonomous rendezvous, refuelling and replacement of components will help maintain and extend the satellites' lifespan. EROSS IOD will design the missions and technologies to make this a reality. This project builds on advances made by the past projects EROSS and EROSS+ and paves the way towards assembly, repair and waste management in the Future Space Ecosystem.	European-Horizon Europe
ORU BOAS	The EU-funded ORU-BOAS project plans to further advance the technology readiness level of orbital replacement units that are based on building blocks developed in previous projects and calls from the Space Horizon 2020 Strategic Research Cluster. The enhanced units will be compatible with different standard interfaces and payloads.	European-Horizon Europe

PROJECT	SUMMARY	CALL
SENER		
ET-PACK F	A Ready-to-Fly Deorbit Device Based on Electrodynamic Tether Technology. Electrodynamic tethers are long conductors in orbit that enable spacecraft to de-orbit and/or re-boost without using propellant. After designing, manufacturing and testing a prototype of a Deorbit Device (DD) in the FET E.T.PACK project and reach TRL 4, E.T.PACK-F faces the next natural step: prepare a ready-to-fly DD based on electrodynamic tether technology to perform, immediately after the project, an in-orbit-demonstration (IOD).	European-Horizon Europe
QU-TEST	The project Qu-Test aims to develop and provide infrastructure for testing and experimentation for quantum technologies in Europe.	European-Horizon Europe
SPACE USB	The main objective of this project is to pave the way for a more flexible, universal and serial interface (USB-type) leveraging the existing standard interconnects for On-Orbit Servicing and assembly applications.	European-Horizon Europe
EU-RISE	The project has two distinct goals: First, to undertake a market analysis of in-space services, in-space assembly and manufacturing, and related domains, and develop two reference scenarios that will be further analysed and used to define an end-to-end demonstration scenario. Second, to use the demonstration scenario to mature the building blocks and relevant robotic elements that have been started to be developed in Europe during the last years and to establish an open-source process for the continuing maturation of these building blocks.	European-Horizon Europe
DEXTER	The DEXTER (Debris EXtraction Tools for Extraterrestrial Recycling) project solves two key obstacles – lack of adequate tooling for harvesting end of life spacecraft and processing debris, and lack of a propulsion system capable of both high thrust and propellant economy needed for long term Active Debris Removal (ADR).	European-Horizon Europe
SALTO	SALTO will perform, for the first time in Europe, fly / recover / re-fly cycles of a reusable rocket first stage demonstrator	European-Horizon Europe
SAGAN	The SAGAN proposal addresses a crucial element in future satellite platforms and payloads. Spacecraft Electrical Power Systems (EPS) are a key element that enable space missions.	European-Horizon Europe
SGAN-NEXT	"The main objective of SGAN-Next is to develop a fully European GaN on SiC foundry process and demonstrate outstanding performance at high frequency beyond Q-band, through the design of efficient and robust SSPA, LNA and switch devices for flexible LEO/GEO payloads."	European-Horizon Europe
LINCE	The LINCE project will bring together highly relevant capabilities in the national space ecosystem, and its results will enable it to meet existing and future demand in the civil and government markets, enabling the consortium to offer end-to-end space systems based on constellations of small satellites (100-200 kg). The platform's objective will enable the implementation of services with significant economic and strategic contributions to Spanish, European, and global society.	National - CDTI
MERLIN	The project's objective is to advance the TRL of a more efficient, sustainable, reusable, and compact engine for the first and second stages of all types of space launch vehicles internationally (within the thrust range).	National - CDTI

PROJECT	SUMMARY	CALL
SENER		
DONES-EVO	Investigate new materials, processes and technologies that contribute to advancing towards sustainable nuclear fusion energy, in the field of DONES (neutron irradiation plant that will allow the investigation of the behavior of key materials under neutron radiation) in the first instance and with a view to the construction of DEMO (fusion demonstration reactor that will connect the electricity obtained from a fusion plant with the electrical grid) as a fundamental milestone.	National - CDTI
CIRCE	Acquisition of propulsion technologies that enable the national industry to design, develop and produce propulsion systems for collaborative unmanned aircraft	National - CDTI
ABACO	Researching the key technologies to develop a new generation of Active Antennas, adapted to the growing demands of the satellite constellation market	National - CDTI
POD COMINT	Development of a prototype of COMINT equipment (Inteligencia de Comunicaciones) located in a POD for tactical usage in aircrafts and UAVs.	National - DGAM
COMINT E2	Development of a basic prototype of COMINT equipment (Inteligencia de Comunicaciones) for satellite communications and mobile communications.	National - DGAM
ARCO	Development of a convoy of vehicles with mixed functionality (tele-operated and autonomous). SENER Aeroespacial is responsible for the navigation unit. The project aims to obtain the requirements definition of a military product (following the requirements of the Spanish Army) and to reach a TRL5/6 demonstrator.	National - DGAM
AEROSKIN	AEROSKIN (Smart Skin for Airflow Sensing) is a project devoted to increase the technological maturity of the multi-point and non-intrusive local monitoring of the airflow, a key technology in multiple applications such as the optimization of aircraft efficiency, the improvement of energy generation at wind turbines or the health-monitoring of structures exposed to the airflow. The Smart Skin is a flexible and non-intrusive sensing structure which allows to measure locally at multiple points the airflow characteristics, instead of providing information at macroscopic level as to date. This technology is a critical enabler for adaptive and morphing aircraft, which is one the potential pillars to be developed to meet the ambitious goals of the EU on reducing fuel consumption, noise and total emissions of aerospace industry.	National - MICIU
CLIM Pre-Dev	Development of know-how and procedures for telescopes alingment TMA (Three Mirror Anastigmatic).	Others - AIRBUS DS
TAP	Teleoprated ASCOD Platform. Design and development of a modular and interoperable system that allows transforming a manned ASCOD platform into an unmanned platform with teleoperable and/or supervised autonomous modes of operation.	Others - General Dynamics
TMBE	The main objective of the TMBE (Towards Model Based Enterprise) project is research into advanced technologies for companies managed by intelligent digital models applied to the design of products, processes and business models.	Regional - Basque calls - HAZITEK

PROJECT	SUMMARY	CALL
SENER		
UMOR	Universal components for MOdular Robotics for Space, Industrial and Medical Applications. The project UMOR aims to research and development of new modular components and technological solutions for their application in the precision collaborative robotic systems of the future for space, industrial and healthcare applications	Regional - Basque calls - HAZITEK
TECNALIA		
ISBA	Insulation system based on aerogel	European- HORIZON-CL4-DIS
HECATE	Hybrid ElectriC regional Aircraft distribution Technologies	European-CLEAN AVIATION
ENGAGE2	GenAI models for Air Traffic Management (ATM)	European-SESAR
COMPLAST	Advanced techniques for the development of new thermoplastic composites in high added value application sectors	National - CDTI - CIEN
AEROBOTICS	Research in new technologies associated with robotic AEROnautical developments for sustainable production	National - CDTI-PTA
APERTURAS	Advances in Electric Propulsion with Turbomachines	National - CDTI-PTA
CRIPICOM	CRlogenics, batteries and hydrogen combustion in air transport	National - CDTI-PTA
AIRE	Aeroestructuras Innovadoras orientadas a la Reducción de Emisiones	National - CDTI-PTA
AEROBOTICS	New technologies associated with robotic aeronautical developments for sustainable production	National - CDTI-PTA
AIRE	Innovative Aerostructures Aimed at Emission Reduction	National - CDTI-PTA
TANK2ZERO	Hydrogen Storage Technologies to Power Zero-Emission Aircraft Operations	National - CDTI-PTA
DIGIMAP	Sustainable manufacturing of large aeronautical parts with zero defects and low environmental impact	National - CDTI-PTA
TOPFAN	Technologies for integration of new generation open fan motors	National - CDTI-PTA
CHALUPA	Use of liquid hydrogen in Auxiliary Power Units	National - CDTI-PTA
ELECTRA	Electrification of propulsive components in aircraft	National - CDTI-PTA
ECOCOM	Research into new technologies aimed at achieving an Eco-Competitive aeronautical production plant	National - CDTI-PTA
VITAS	Research into enabling technologies for the implementation of healthcare logistics solutions using drones	National - CDTI-PTA
ULTRADRON	The scope of ULTRADRON will cover the entire aircraft logistics cycle, including the realisation of an alternative propulsion drone for the delivery of goods, a system for the handling and delivery of such goods and a logistics station where operations and, in particular, the handling of goods are centralised.	National - CDTI-TransMisiones
THESA	Sustainable Hydrogen- Electric propulsion technologies for next generation aircraft	National-CDTI- Misiones
NEW HEGAZ	Digitalization in the intelligent and sustainable aeronautical industry for the zero emissions airplane	Regional - Basque calls - ELKARTEK
EKOPROP II	Thermal management technologies for smart and sustainable zero-emission aircraft propulsion	Regional - Basque calls - ELKARTEK

PROJECT	SUMMARY	CALL
TECNALIA		
HIPERION	Generation of knowledge and capabilities for new space technologies and future space missions	Regional - Basque calls - ELKARTEK
PRELUDIO	Development of electric propulsion system for aircraft	Regional - Basque calls - HAZITEK
XHEGALAK	New technological solutions for unconventional aircraft wings	Regional - Basque calls - HAZITEK
HAIZEBOT	"Research into new AI-based solutions, Perception and mechatronics systems for the Optimization of robotic assembly cells for Aerostructures"	Regional - Basque calls - HAZITEK
CONFLES	New manufacturing and automation technologies for a controlled, flexible, efficient and sustainable process applied to the machining of high-performance materials used in the manufacture of complex components for the aeronautical sector.	Regional - Basque calls - HAZITEK
TOTEM	High temperature & altitude operation technologies for electrical machines in more electric aircrafts	Regional - Basque calls - HAZITEK
MOMA	Research in mathematical models for the design and validation of new efficient, safe and sustainable high-pressure systems in aeronautical applications	Regional - Basque calls - HAZITEK
SENDOAGO	Development of new high-performance aeronautical aluminium castings using advanced materials	Regional - Basque calls - HAZITEK
TECNUN		
OCTIVIA	AI Flight Optimization	Regional - Basque calls - ELKARTEK
TEKNIKER		
IRISS	The International ecosystem for accelerating the transition to Safe-and-Sustainable-by-design materials	European-Horizon Europe
Masterly	Development of innovative smart automated handling systems	European-Horizon Europe
VIDIT	Trustworthy virtual experiments and digital twins	European-Horizon Europe
DI-Vision	Traceable machine vision systems for digital industrial applications	European-Horizon Europe
HARTU	HANDLING WITH AI-ENHANCED ROBOTIC TECHNOLOGIES FOR FLEXIBLE MANUFACTURING	European-Horizon Europe
LASERWAY	Extremely High-Speed Laser Processes For Sustainable And Flexible Manufacturing	European-Horizon Europe
ScancloUdT	Traceability for industrial 3D digitalization by advanced scanning systems	European-Horizon Europe
DIGIFORM	RESEARCH IN ARTIFICIAL INTELLIGENCE, SENSORS, DIGITALIZATION AND AUTOMATION TECHNOLOGIES FOR PRODUCTION PROCESSES OF METAL COMPONENTS.	National - AEI - TRANSMISIONES
ADAPTA	Flexibility in industrial robotics: Application of Artificial Intelligence and Machine Learning technologies for factories with high adaptability and resilience	National - AEI - TRANSMISIONES
REFORCE	Intelligent tooling for assembly of aeronautical moving surfaces	National - AGE
SURFERA_PLUS	Network of excellence for the valorization of surface functionalization technologies for strategic national industrial sectors with high social impact	National - CDTI - CERVERA
HARI-GAIN	Research into advanced surface treatments on thread forming tools	National - CDTI - CERVERA

PROJECT	SUMMARY	CALL
TEKNIKER		
ECO-AERO	CREATION OF A TRANSREGIONAL, EFFICIENT, OPEN, INCLUSIVE AND INTERCONNECTED AEROSPACE INNOVATION ECOSYSTEM THROUGH PRIORITY TECHNOLOGIES DEVELOPED IN THE CERVERA NETWORKS	National - CDTI - ECOSISTEMAS
SENECA	Strategic raw materials of secondary origin for independence and energy transition	National - CDTI - MISIONES
COMIC	NEW ENABLING TECHNOLOGIES FOR FLEXIBLE AND AUTOMATED MANUFACTURING OF MULTIMATERIAL COMPONENTS	National - CDTI - MISIONES
GLOBESTRA	Integrated plate prototype for use in stratospheric balloons	National - CDTI - MISIONES
FUSSION	FUSelage Sustainability IntegratiON	National - CDTI - MISIONES
AEROBOTICS	Precision improvement in industrial robots	National - CDTI - PTA
SIPRES	PRINTED STRUCTURAL ELECTRONICS	Others
SCORPENES	Solutions for Corrosion Optimized and Prediction with Efficient Network of Environment Sensors	Others
WEIBALSETUP	Set up of the WEIBAL system in Leonardo	Others
DEMOHDS	Demonstrator for 2 EMA linear actuators	Others
MagRALD	Production of particles with magnetic response	Others
REDLilium	Rotary Actuator Tests	Others
GRECO	Production of resistive sheets samples using Gradient RESistive COatings	Others
WBEAS	WB Electrical Actuation System	Others
DISTRACT	Dust Resistant Rotary Actuator Technology	Others
STRAINTRACK	Handheld strain gauge conditioner equipment; and respective calibrations	Others
WCRS	Carriage System	Others
AEROCLEAN	Feasibility study of the laser decoating/cleaning process for aeronautical structures	Others
FIBERNDT	IMPLEMENTATION OF TTP A320 ULTRASONIC ROBOTIC INSPECTION SYSTEM	Others
CONSEAL	Production of aerodynamic conductive gap sealant	Others
MAGSEAL	Production of magnetic gap sealant	Others
PROLAY	Production of resistive and magnetic layers	Others
LVTL1.1	Accelerate the ecodesign process of materials, products, and processes	Others
NITROKOR	Strapping cotter pins with liquid nitrogen	Others
MMASINT2023	New magnetoactive materials	Regional - Basque calls - ELKARTEK
ONTZHI	Key technologies for hydrogen storage and transportation	Regional - Basque calls - ELKARTEK
HELDU	Artificial Intelligence Technologies for visual and haptic perception and the planning and control of manipulation tasks	Regional - Basque calls - ELKARTEK
ReIMAGIN	Hybrid manufacturing technologies for the smart industry	Regional - Basque calls - ELKARTEK

PROJECT	SUMMARY	CALL
TEKNIKER		
ECOFAST	Sustainable and productive additive manufacturing technologies for improving the competitiveness of industry.	Regional - Basque calls - ELKARTEK
FRONTIERS	Multifunctional surfaces at the frontier of knowledge	Regional - Basque calls - ELKARTEK
METROTEK	Holistic and ongoing metrology to control production	Regional - Basque calls - ELKARTEK
HIPERION 3	Generation of knowledge and capabilities for new space technologies and future planetary missions	Regional - Basque calls - ELKARTEK
ECOFAST2	Sustainable and productive additive manufacturing technologies for improving industry competitiveness	Regional - Basque calls - ELKARTEK
InFOCUS	Intelligent and sustainable design and manufacturing of new products with surface processes for optoelectronic applications	Regional - Basque calls - HAZITEK
E-Flight	Studies and technological developments for electric airplanes	Regional - Basque calls - HAZITEK
FIDATU	Your intelligent digital aeronautical factory	Regional - Basque calls - HAZITEK
NAGUSI	Satellite for Service in Orbit	Regional - Basque calls - HAZITEK
ROCLAMP	Automatic clamp presses	Regional - Basque calls - HAZITEK
HAIZEBOT	Research into new AI-based solutions, perception systems and mechatronics for the optimization of aerostructure assembly cells	Regional - Basque calls - HAZITEK
TTT GROUP		
ECrODUR	Advanced coatings	Regional - Basque calls - HAZITEK
RECOAT	Grinding for hard coatings	Regional - Basque calls - HAZITEK
HIP4AE	Near net shape HIP manufacturing	Regional - Basque calls - HAZITEK
UPNA - UNIVERSIDAD PÚBLICA DE NAVARRA		
MIRACLE	Prove the feasibility of developing a radiative cooling device based on a Photonic Meta-Concretes (PMC). Main results: prove the feasibility of this idea, fabricate a prototype, and start the roadmap to be used in other applications	European-Horizon - FETOPEN
UPNA-ARTE-6G	Novel filters and passive components aimed at advancing radio technologies for the evolution toward 6G.	National - MICIU

PROJECT	SUMMARY	CALL
UPNA - UNIVERSIDAD PÚBLICA DE NAVARRA		
INTERSPACE	Filters and passive components for future ground and space millimeter wave integrated radio systems. Main results: design, manufacture and measurement of passive components in millimeter frequencies	National - MICIU
PDC2023-145929-C33	Packaging of photonic and electronic radiometers in the sub-THz range for Earth observation	National - MICIU
GAS	Novel antenna configurations based on Gap waveguide technology	National - MICIU
HARMONIC-PACK	Antennas and packaging for modular hybrid silicon-based receivers in the sub-terahertz range for wireless communications	National - MICIU
MAGCONNECT	Development of magnetodielectric composites for radiofrequency/microwave devices functionalized with magnetic nanoparticles for connected vehicles	Regional - Navarra Calls
KEYTERA	Research on new innovative techniques for the development of key components for terahertz systems	Regional - Navarra Calls



SISTEPLANT



CIDETEC

...Turnover
3,413
million €

FACTS &
FIGURES
2025
3.4

...Employment
15,133
people

Members aggregate...

Directly generated in all of
their worldwide facilities

Geographical breakdown	Turnover	Increase vs. 2024	Employment	Increase vs. 2024
Basque Country	1,687	13.5%	6,259	8.6%
Rest of Spain	812	30.1%	4,194	5.9%
Rest of the World	914	6.3%	4,680	-1.9%
Total	3,413	14.9%	15,133	4.4%

R&D Exports	(M€)	% over sales	Average annual % (last 10 years)
Members R&D investment	213	6.3%	6.3%
Members Exports	2,896	85%	73.0%

Cluster Dimension facilities in Basque Country

1.6% of the Basque GDP* /// **8%** of the Basque Industrial GDP* /// **3.1%** of the Basque Industrial Employment*

HEGAN Members Dimension facilities in Spain

* EUSTAT 2025 ** TEDAE 2024 *** ASD 2024

17% of the Spanish
**
aerospace **TURNOVER**

1% of the European

17% of the Spanish
**
aerospace **EMPLOYMENT**

1.4% of the European

16% of the Spanish
**
aerospace **R&D INVESTMENT**

1.1% of the European

81

AEROSPACE MEMBERS

3

TIER 1
Aerostructures - Engines - Space

9

MID CAPS
Components - Advanced Manufacturing -
Engineering - Production Solutions

45

SMES
Subassys, Sub-Systems, Components, Parts,
Special Processes, Tooling, Advanced Services,
Advanced Manufacturing... for Aerostructures,
Engines, Systems and Space

1

AEROSPACE R&D CENTRE
Certification Testing and R&D (3 Labs)

9

R&D ENTITIES
with Aerospace activities (14 Labs)

5

UNIVERSITIES
EIB: Master in Aeronautics,
Master in Space, CFAA

9

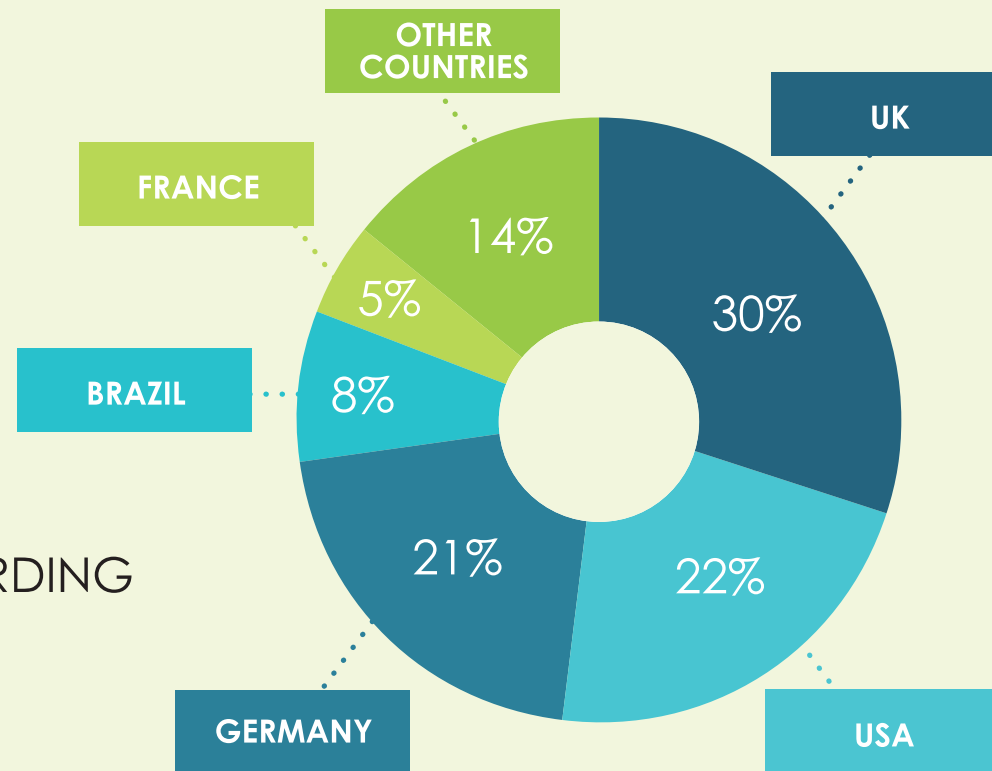
CLUSTER ALLIES
Risks & Insurance - Intellectual Property - Legal
& Tax - Financing - Intralogistics - Strategic Advisory
Industrial Services

168

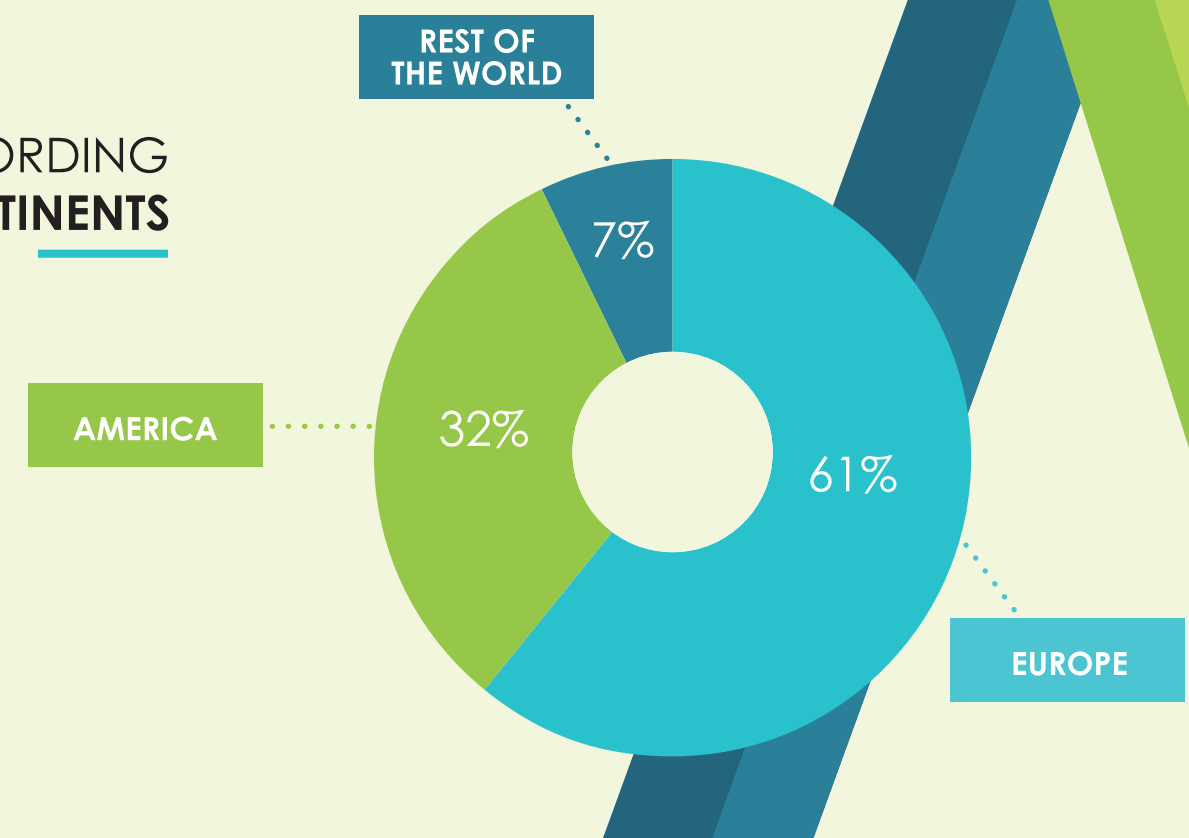
FACILITIES AROUND THE WORLD
107 in the Basque Country
33 in the rest of Spain
28 abroad (Brazil, China, France, Germany, India,
Malta, Mexico, Poland, Portugal, Romania, UK,
USA)

EXPORTS

EXPORTS ACCORDING TO COUNTRIES...



... ACCORDING TO CONTINENTS

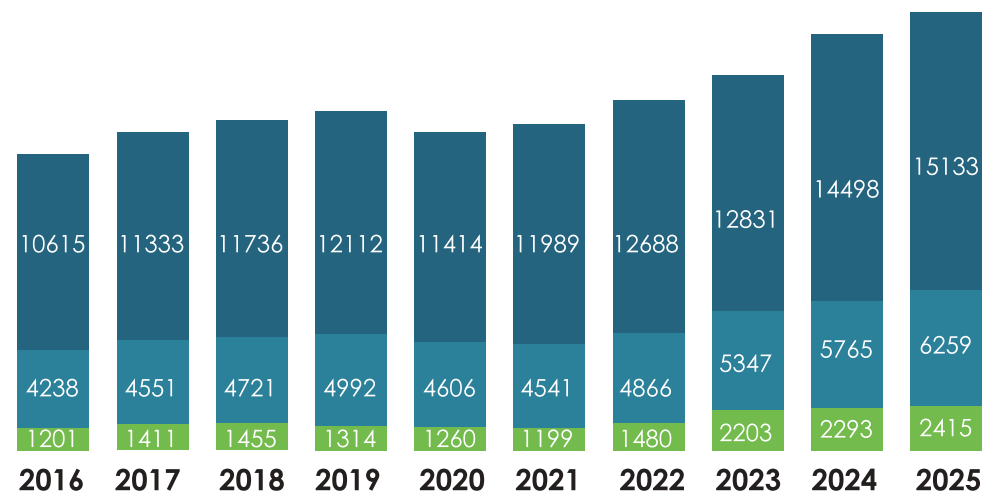


EMPLOYMENT

ESA EUCLID



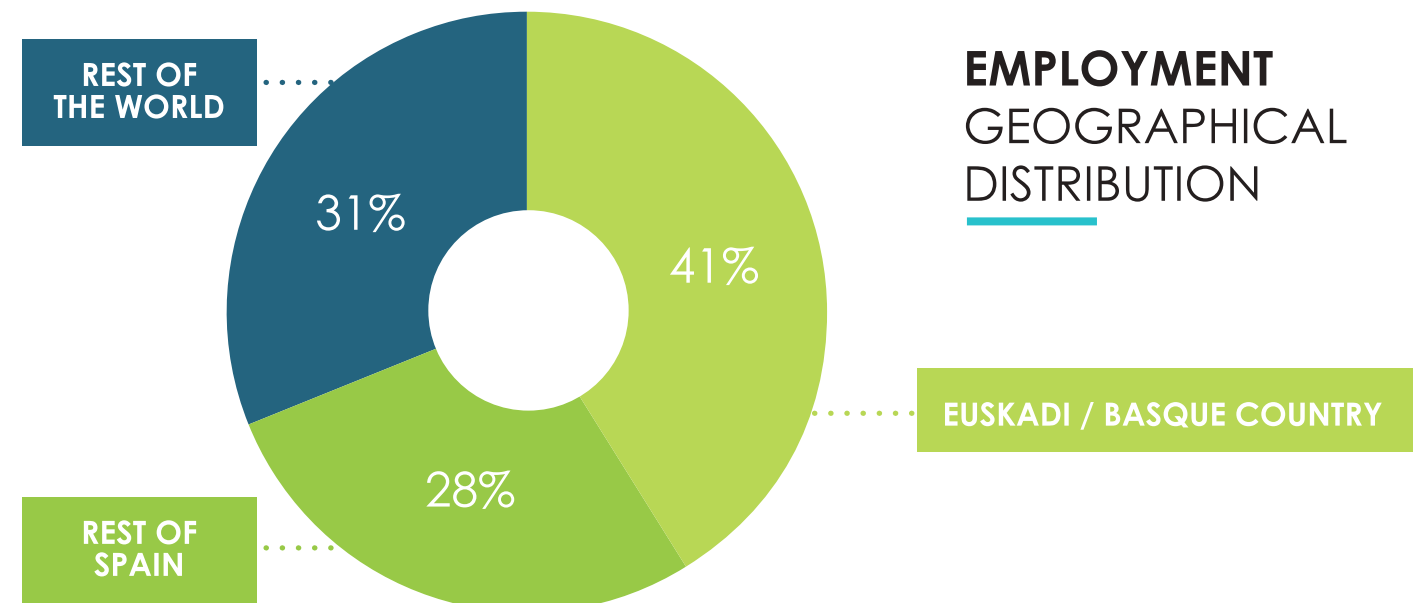
EMPLOYMENT EVOLUTION



Employment According to Qualification

	Total	#Female	increase vs. 2024 (Female)
Managers, Engineers & Graduates	29%		
Technicians, Administration & Others	22%		
Manual Workers	49%		
Female Employment	22.5%	3,405	6.4%

REST OF THE WORLD

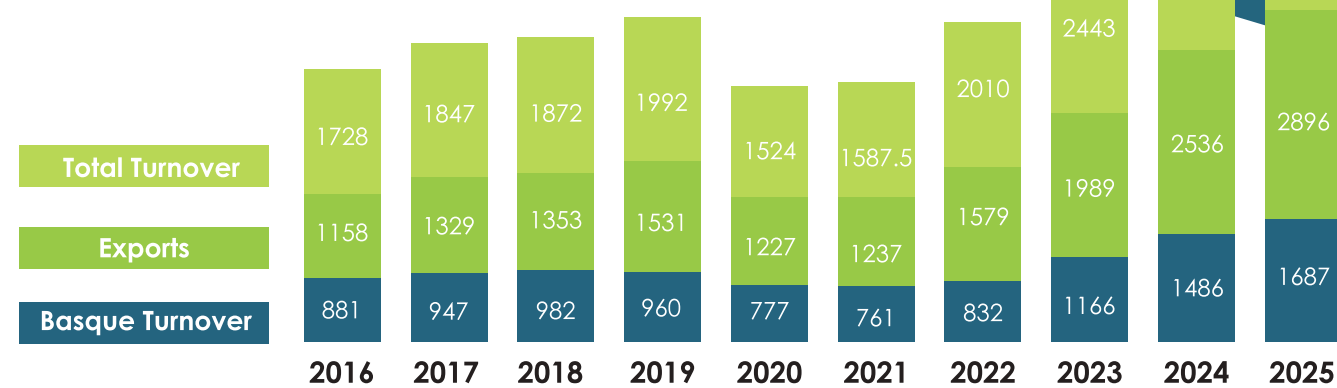


EMPLOYMENT GEOGRAPHICAL DISTRIBUTION

TURNOVER

TURNOVER

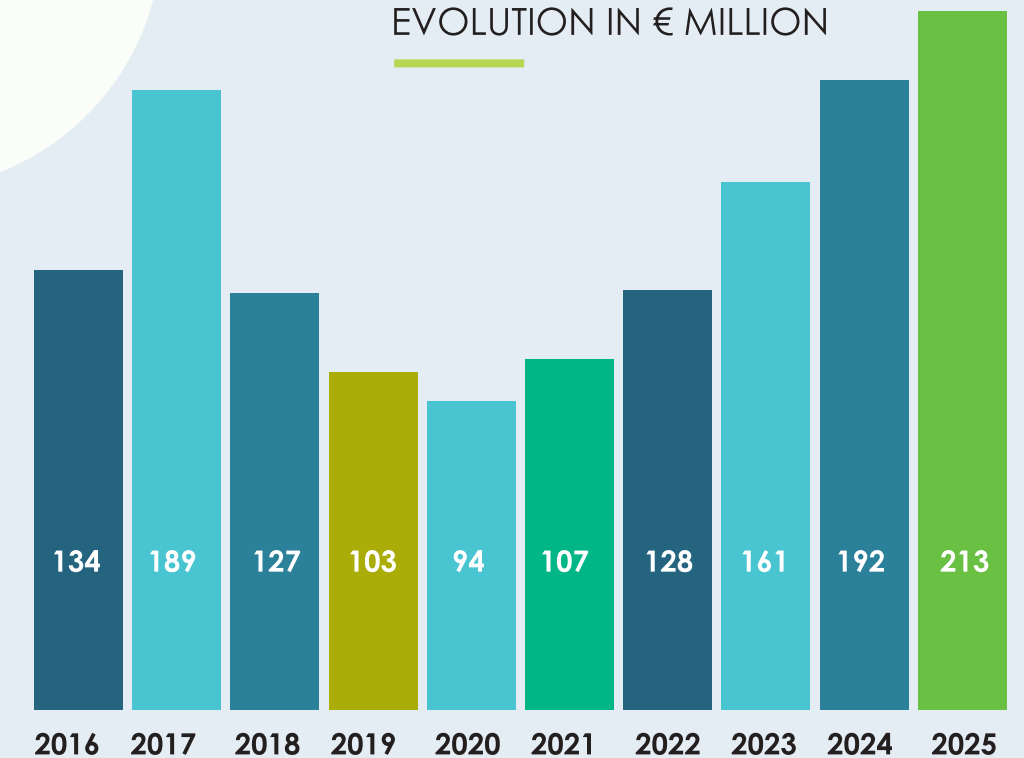
EVOLUTION IN € MILLION



R&D

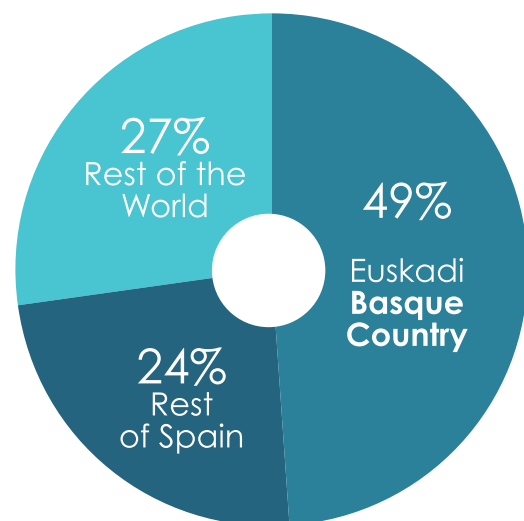
R&D INVESTMENT

EVOLUTION IN € MILLION



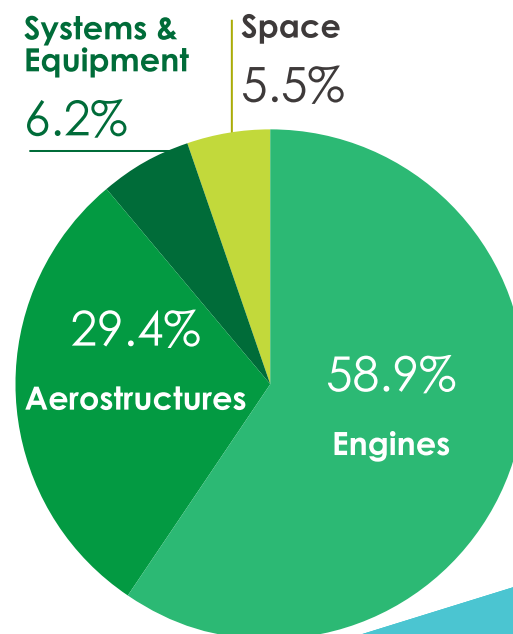
TURNOVER

GEOGRAPHICAL DISTRIBUTION



TURNOVER

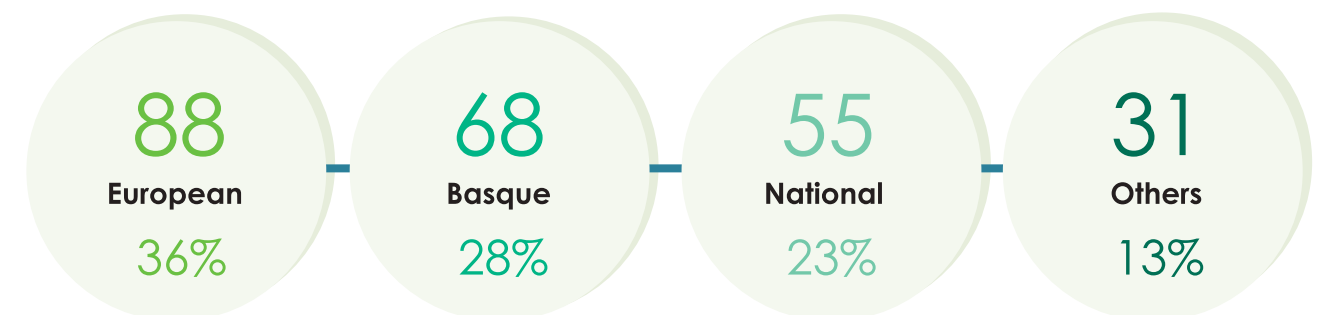
ACCORDING TO SUBSECTORS



R&D EFFORT

Cumulates investment since 1997 (€ million)	3,871
% Self-financing (Public Support)	87% (13%)
Employees with R&D activity	2,415
Active R&D projects in 2025	242

PROJECTS ACCORDING TO CALL



ACKNOWLEDGEMENTS ESKER ONEZ AGRADECIMIENTOS

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ACKNOWLEDGEMENTS

At this moment in time, although we are seeing steady growth in both sales and employment in a sector brimming with opportunities, we are also aware that the aerospace industry, and society at large, are facing many complex challenges.

We would like to thank all our partners, as well as all the individuals and organisations who, every single day, make it possible for us to rise to these challenges, seize opportunities and continue to grow together.

We firmly believe that the years ahead will bring solid growth, the creation of quality jobs and an international presence, helping us move towards becoming a fully sustainable sector that actively contributes to improving our society and looking after all of those who form part of it (the very heart and soul of our business), while at the same time maintaining the competitiveness that sets us apart in a complex, ever-changing and increasingly challenging global environment.

Here at HEGAN, we would like to thank you for the trust you have placed in us year after year, as well as for your commitment to this cluster that we are building together, working hand in hand to drive the future of the aerospace industry. Thank you all very much!

Ana VILLATE /// Managing Director of HEGAN

AGRADECIMIENTOS

En el momento actual, en el que nos encontramos, por un lado, ante un crecimiento firme tanto en ventas como en empleo, en un sector lleno de oportunidades, somos también conscientes de que vivimos una situación en la industria aeroespacial y en la sociedad en general que no está exenta de retos complejos.

Queremos daros las gracias a todas las entidades asociadas, así como a todas las personas y organizaciones que, día a día, hacéis posible afrontar estos retos, aprovechar las oportunidades y seguir creciendo juntos.

Creemos firmemente que nos esperan años de desarrollo sólido, generación de empleo de calidad y proyección internacional hacia un sector plenamente sostenible, que contribuya activamente a mejorar nuestra sociedad, cuidando de las personas que forman parte de ella, verdadero núcleo y eje de nuestro negocio, y manteniendo la competitividad que nos distingue en un entorno global complejo, cambiante y desafiante.

Desde HEGAN, queremos agradecer la confianza depositada año tras año, así como vuestra implicación en este clúster que construimos entre todos, trabajando de forma conjunta para impulsar el futuro de la industria aeronáutica y espacial. Eskerrik asko!

Ana VILLATE /// Directora de HEGAN

ESKER ONEZ

Gaur egun bizi dugun une honetan, alde batetik, hazkunde irmoa dugu salmentetan zein enpleguan, aukera ugari sektore batean, baina, bestetik, jabetzen gara baita ere industria aeroespaziala eta, oro har, gizartea, erronka konplexu askoko egoera batean murgilduta dagoela.

Eskerrak eman nahi dizkizuegu erakunde elkartu guztiei, bai eta egunez egun erronka horiei aurre egitea, aukerak baliatzea eta elkarrekin hazten jarraitzea posible egiten duzen pertsona eta erakunde guztiei ere.

Hurrengo urteetan, garapen sendoa biziko dugun ustea dugu: kalitatezko enplegua sortuko da, eta nazioarteko proiektioa erabat jasangarria izango den sektore baterantz zuzenduko da, gure gizartea modu aktiboan hobetzen lagunduko duena, pertsonak zainduz, pertsonak baitira gure negozioaren benetako muina eta ardatza, eta ingurune global konplexu, aldakor eta desafiatsuak honetan bereizten gaituen lehiakortasunari eutsiz.

HEGAN elkartetik eskerrak eman nahi dizkizuegu urtez urte gugan jarritako konfiantzagatik, bai eta denon artean eraikitzen dugun kluster honetan duzun inplikazioagatik ere, industria aeronautikoaren eta espazialaren etorkizuna bultzatzeko elkarrekin lan eginez. Eskerrik asko!

Ana VILLATE /// HEGANeko Zuzendaria

THANK YOU VERY MUCH!
ESKERRIK ASKO!

¡MUCHÍSIMAS
GRACIAS!

HEGAN participated in the Regional Project co-financed by **Basque Government**:

DCARTEC2 · Dinamización del Desarrollo de Tecnologías en colaboración para la descarbonización de la Industria Vasca



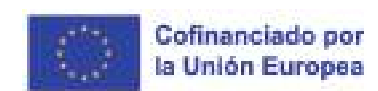
HEGAN participated in the National Project:

ECOAERO · Aerospace Innovation Ecosystem

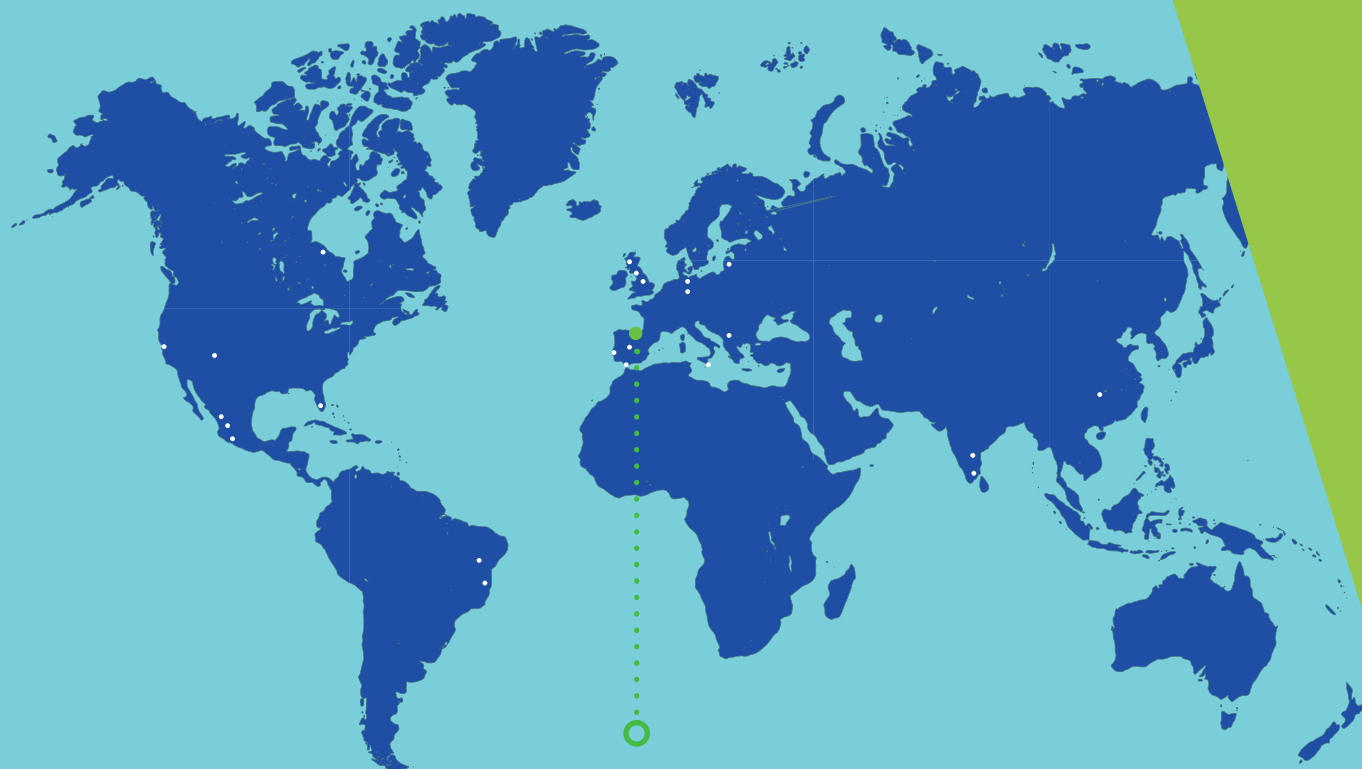


HEGAN participated in the International Project co-financed by **European Union**:

AEROFUSE · An alliance for the Future of the Aeronautics and Upstream Segment Skills Evolution



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