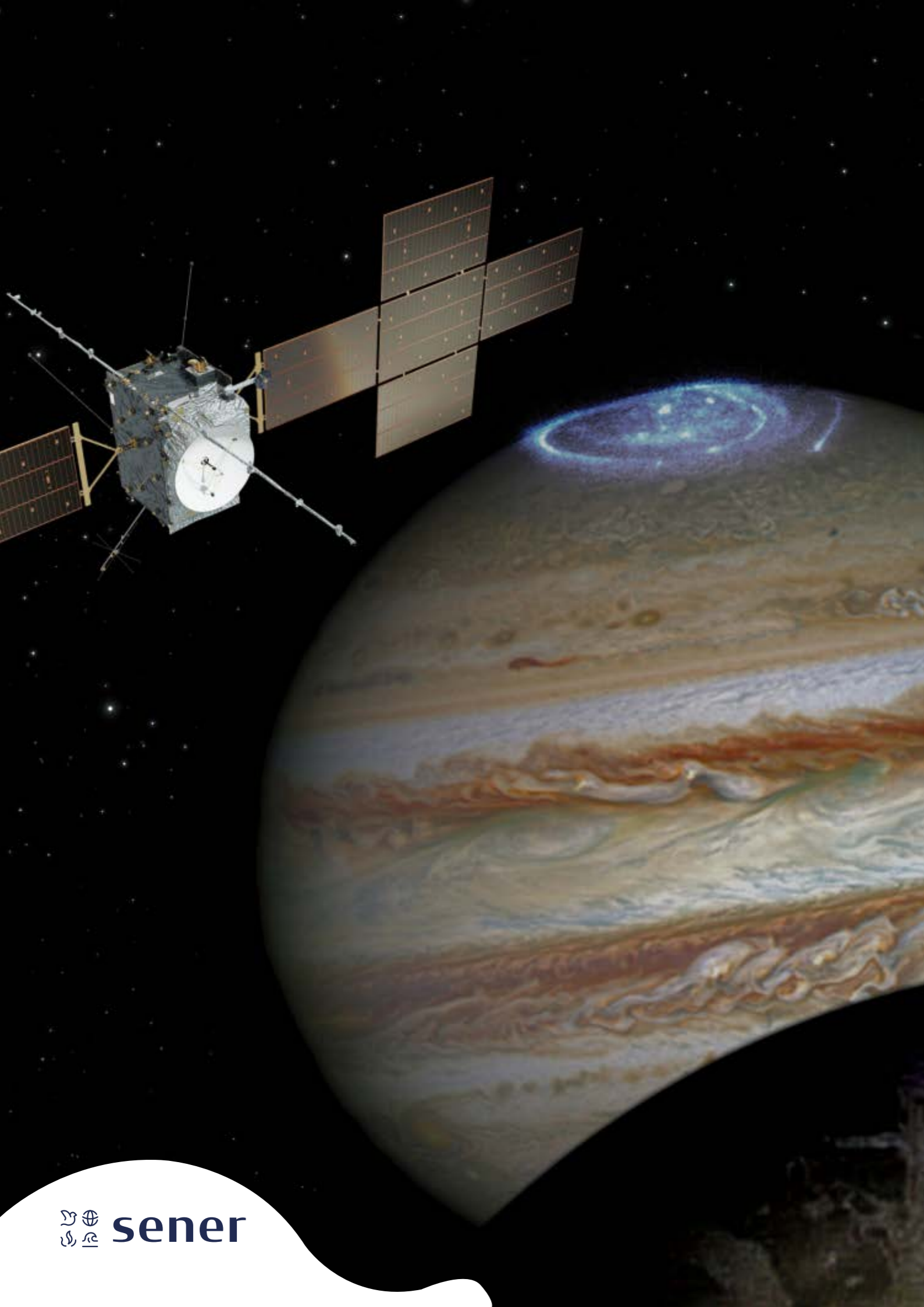


# Press kit





**01**

SENER AT  
A GLANCE

**02**

OUR MANAGEMENT  
TEAM AND STRUCTURE

**03**

MARKETS

**04**

SUSTAINABILITY  
IN SENER

**05**

SENER, A FAMILY-  
RUN COMPANY

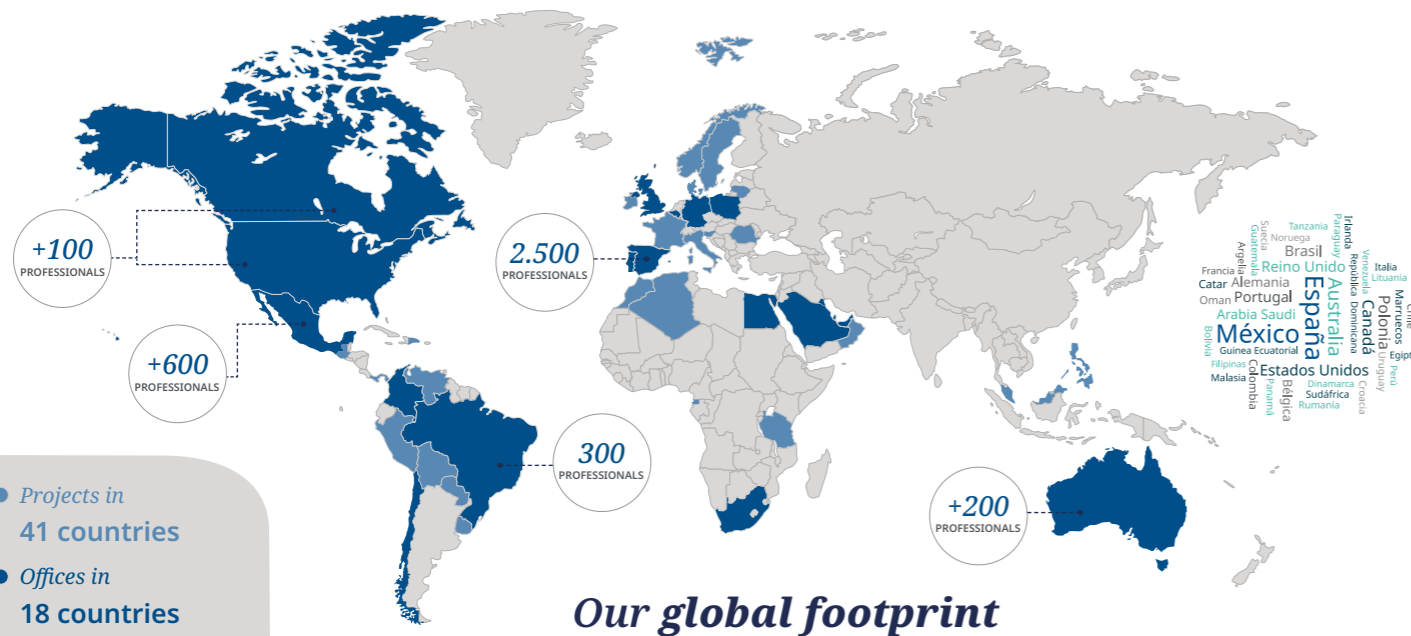
**06**

MORE INFORMATION  
AND CONTACT

## 01. SENER AT A GLANCE

Founded in 1956, Sener is a leading engineering and technology group that develops the most advanced and innovative solutions in different markets, with the aim of contributing to the progress of society in a sustainable environment, through its commitment to customers, people and the environment. All the preceding in line with our values: commitment, excellence, innovation, teamwork and passion for our work.

### Sener in the world



- Projects in 41 countries
- Offices in 18 countries

### Our global footprint

AMERICA	EUROPA	AFRICA	ASIA	OCEANIA
<b>Canada:</b> Toronto <b>USA:</b> San Francisco, Los Angeles <b>Mexico:</b> Mexico City <b>Colombia:</b> Bogota <b>Brazil:</b> Rio de Janeiro y São Paulo <b>Chile:</b> Santiago	<b>Germany:</b> Düsseldorf <b>Belgium:</b> Brussels <b>United Kingdom:</b> London, Manchester <b>Poland:</b> Warsaw <b>Spain:</b> Vizcaya, Barcelona, Madrid, Valencia. <b>Portugal:</b> Lisbon	<b>Egypt:</b> Cairo <b>South Africa:</b> Johannesburg	<b>Saudi Arabia:</b> Riad <b>UAE:</b> Abu Dhabi <b>Qatar:</b> Doha	<b>Australia:</b> Sydney

The group has offices and innovation centres in **18 countries**, and a team of about **4,000 professionals of 34 nationalities**, co-authors of numerous disruptive and innovative projects that have marked and will mark the future of society.

**In Spain**, Sener has close to 2,000 employees and commercial offices in Vizcaya, the company's original headquarters and where it was founded, Madrid, Barcelona and Valencia. It also has production centres for the aerospace and defence

sectors in Catalonia, Cantabria, the Community of Madrid and the Basque Country, and, outside Spain, in Poland.

In line with its technologically pioneering nature, Sener invests in R&D to develop advanced solutions and be competitive in its different **business areas: Aerospace and Defence, Mobility, Advanced Facilities, Energy, Renewables Investment, Digital, Marine and Diagnostics.**

## Key figures

<b>Aerospace and Defence</b>	Sener is the trusted partner of major space agencies, government bodies and companies, such as NASA and ESA.	<b>6 decades</b> working on space missions	<b>9 %</b> of R&D investment	<b>+ 900</b> employees in the Aerospace & Defence market
<b>Mobility</b>	Sener has contributed to the development of major infrastructure in countries such as Brazil, Canada, Colombia, Chile, the United Arab Emirates, Spain, the United States, Mexico and the United Kingdom	<b>+ 70</b> urban transport systems in 5 continents	<b>+ 18.500 km</b> of railway and roads	<b>+ 810</b> port, airport, hydraulic and architectural infrastructure
<b>Advanced Facilities</b>	With the acquisition of Quark, the leader in data centre engineering, Sener is working on the design of key advanced facilities in the digital economy, bringing its expertise in energy and renewable energy to help the sector meet its needs in a more sustainable way.	<b>+ 60</b> data centres carried out	<b>600 MW</b> of accumulated power	<b>250.000 m<sup>2</sup></b> of rooms built
<b>Energy</b>	Sener has participated in the design and construction of dozens of energy facilities around the world, through innovative engineering and technology.	<b>2.500 M €</b> in EPC contracts for liquefied natural gas terminals	<b>2.000 MWe</b> of installed capacity in solar thermal projects	<b>1 millón Tn</b> of CO2 avoided in projects
<b>Renewables Investment</b>	Sener is present on four continents with projects under development in Spain, Portugal, the United States, Australia, Chile, Brazil and Mexico.	<b>2 GW</b> of clean energy	<b>300 MWh</b> de almacenamiento de energía	<b>4.000 Tn</b> of green hydrogen per year
<b>Marine</b>	Sener works with shipyards and shipowners to design more innovative and sustainable fleets.	<b>1.200</b> vessels built with Sener designs	<b>50</b> marine architects and ship designers work in our core group	<b>98</b> shipowners have been served by us in 15 countries
<b>Digital</b>	Sener supports all types of companies in their digital transformation processes in sectors as diverse as industry, infrastructures, shipbuilding, energy and health.	<b>2020</b> the year when work at Sener Digital began	<b>+ 60</b> projects executed in all types of sectors	<b>+ 40</b> people working directly for Sener Digital
<b>Diagnostics</b>	Sener provides innovative, high-quality solutions for the automation of microbiology and molecular biology laboratories around the world.	<b>2005</b> was the year when Sener's activities in Diagnostics began	<b>2</b> major segments: automation of clinical laboratories and industrial quality control laboratories	<b>&gt; 15</b> countries that rely on Sener solutions for their daily operations

## 02. OUR MANAGEMENT TEAM AND STRUCTURE

### *Andrés Sendagorta McDonnell, President of the Sener Group*

Andrés Sendagorta is the President of Sener and the Sener Foundation since 2020 and 2018, respectively. Sendagorta is graduated in General Management by the IESE Business School. He is also member of IEB's (Stock Market Studies Institute) Governing Council. Sendagorta has been bonded with Sener since 1989: he firstly worked as an advisor for ten years, and from then on, he carried out the Vice-President position. In 1985, he graduated as an Ensign for the General Superior Rank Corps' Vessel at the Spanish Navy Academy. Within his military service, he has been Anti-Submarine Warfare Officer for the frigate Baleares, as same as Lieutenant and Navy Pilot for attack jets qualified as aircraft carriers for the US and Spanish Navies. Sendagorta has also worked as a pilot for Harrier jets at Rota Naval Station (Andalusia) and for the Príncipe de Asturias aircraft carrier, as Head of Operations and Second Commander, and as Superior-Rank, Corvette Commander at the General Corps of the Spanish Navy. In 2009, he was awarded with the Grand Cross of Naval Merit with White Decoration.



### *Jorge Sendagorta Cudós, CEO of the Sener Group*

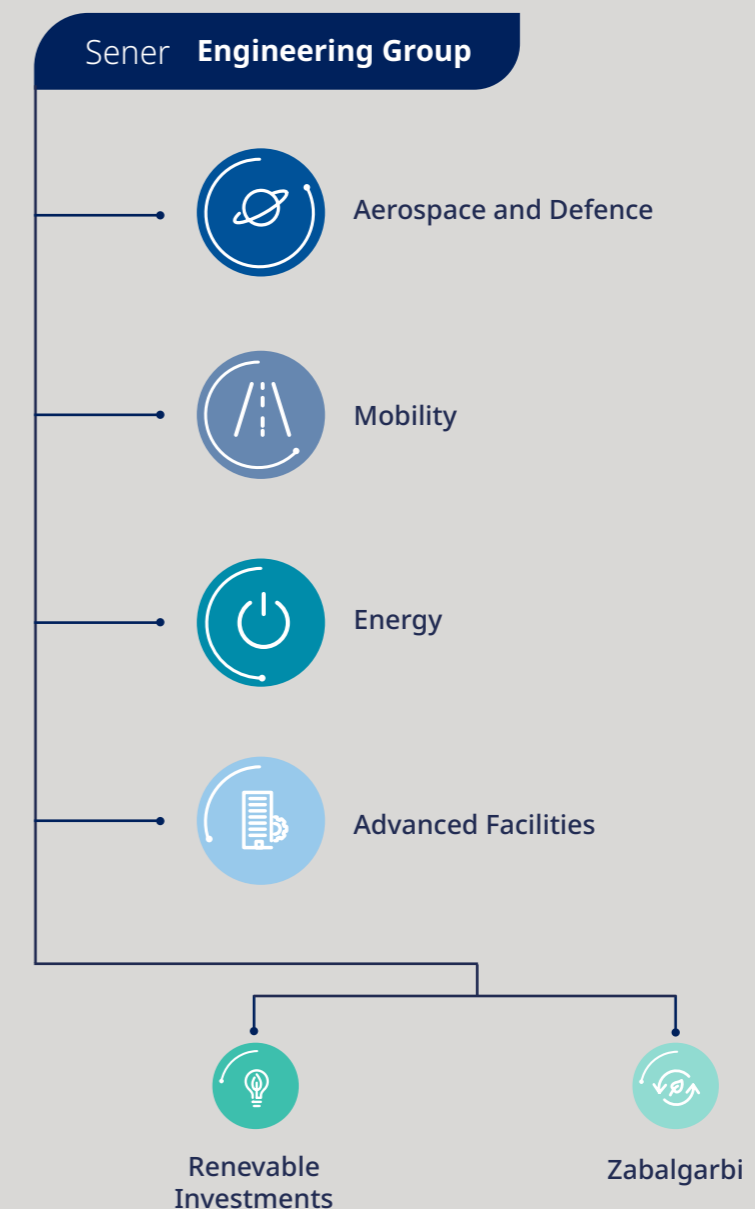


Since 2020, Jorge Sendagorta Cudós is the CEO of the Sener Group. In 2015, he was appointed Country Manager of Sener in Mexico –with around 500 professionals, this is one of the Group's main offices in terms of Engineering and Building. In 2018, he occupied the General-Manager position of Engineering. Sendagorta is graduated in Advanced Industrial Engineering by the ICAI School of Engineering (Madrid, Spain), with a major in Mechanical Engineering. He has also studied the Master of Science in Mechanical Engineering at the University of California, Berkeley (United States), as well as the Executive Master in Business Administration (EMBA) at the IESE Business School (Madrid, Spain). His professional career began in General Electric, where he was part of different projects like Lexan and Ultem in Cartagena (Spain) and Bergen Op Zoom (the Netherlands). Afterwards, he joined FCC as its Purchasing and Outsourcing Manager at Guzmán's (Andalusia, Spain) and Villena's (Valencian Community, Spain) solar thermal power stations, and as the Project Manager for the last one. In October 2012, he entered Sener's energy sector. He was Associate Project Manager for Ence's biomass-power plant (Extremadura, Spain). At a later time, Sendagorta was project manager for the liquefied natural gas terminal located in Zeebrugge's Port (Belgium).

## Governing bodies

Sener is a family-run company, faithful to its origins, and overseeing the evolution of the business with an eye on its long-term future. The company is governed by a **Family Board** and a **Board of Directors**, two independent bodies that report to each other with a view to ensuring good corporate governance.

### Structure of the Sener group, including its main branches





### 03. MARKETS

#### Aerospace & Defence

At Aerospace & Defence, Sener develops high-value-added products and technologies, with recurring-series, production capacity in all its product lines.

Regarding **Aerospace**, Sener has over 50 years of experience and allocates more than 9% of its income to R&D. The company activity is divided into four large and remarkable fields: electromechanical systems, communication systems, navigation and managing systems, and last, but not least, optomechanical systems for large astronomical telescopes. Sener collaborates with the leading space agencies –like ESA, NASA or JAXA-, government agencies and companies on space missions. The company designs and manufactures high-value-added components and technologies, which are essential for the success of high, technical-complex missions. Thus, Sener has achieved locating its technology even in Mars, through the Mars 2020 mission. Sener is a landmark company within the aerospace field, with hundreds of units and systems launched with success as part of satellites and spacecrafts. Among the main space missions and programmes where Sener has been part, the following ones stand out: Hubble, Rosetta, Planck, Solar Orbiter, JUICE, BepiColombo, Euclid, Gaia, Exomars, Curiosity, Pathfinder, Spainsat NG, Sentinel (1, 2 and 3), etcetera.

One of its most notable recent projects is **Proba-3**, a mission for which the ESA engaged a European consortium made up of 29 companies from 17 countries, led by Sener. The project plans on launching two satellites that will be in synchronous orbit to obtain images of the sun's corona. The mission has major technological relevance, given that it will demonstrate, for the first time, the viability of satellite in-flight formation flight. Sener is also participating on the ESA's Truths mission, an initiative that will improve the accuracy of climate measurements from space.

Moreover, Sener has developed some of the fundamental components for the **Euclid** project, a space telescope launched by the ESA to map the universe. Its participation on **Juice** should also be highlighted, a mission

for studying the planet Jupiter and its three frozen moons. Sener is participating on this mission by developing and manufacturing critical systems, including the structure of the propulsion module and several essential systems of the vehicle.

To strengthen this business line, Sener is building **new facilities in Zamudio (Vizcaya, Spain)**, which will be operational at the end of 2025. The first phase of the project will involve the construction of an 8,000-square metre facility, which will house an industrial production centre and an engineering services centre for the aerospace market.

In terms of **Defence**, Sener pursues the goal of developing technologically advanced capabilities enabling and ensuring society's security. The company collaborates with the leading actors within the local and international industry to reach it, mainly working in electromechanical-system, communication (COMINT, data links, microwaves and radiofrequency), and autonomous-navigation fields.

Sener is participating on three projects of the latest call for proposals of the European Defence Fund (EDF): the company is contributing its experience on the **OPTIMA** programme (a multi-domain project for secure laser optical communications between satellite constellations and air, sea and land units); the **ARCHYTAS** programme (which will investigate non-conventional applications of artificial intelligence in defence); and the **MARTE** programme (for the development of a main European battle tank that is suited to new threats and needs). Sener has participated on a total of **14 projects of the European Defence Fund** since it was implemented in 2021, notably including Sener's participation on **HYDEF**, the first programme for the development of a European interceptor missile against threats by hypersonic vehicles, the coordination of which was initially awarded to Sener and then transferred to **SMS**. Sener is also participating on **COMMANDS**, in which it leads a multinational consortium for the development of over-land convoys equipped with autonomous navigation.

Finally, in the defence area, Sener just inaugurated a technical office in Seville, which is mainly focused on the design and development of Guidance, Navigation and Control (GNC) systems and the engineering of systems for aerospace and defence systems. From this office, where 30 highly qualified professionals will work, it will provide service to current and future projects in these sectors.

#### Mobility

Regarding **Mobility**, Sener offers sustainable and cutting-edge solutions for infrastructures and transport, as well as leads the development of complex projects all over the world within the following sectors: urban transport, rail, roads, airports, ports & coasts, architecture, and water & environment

Sener has a global and comprehensive vision in developing infrastructure projects within every stage: planning and design, building and providing services to construction sites, covering every technical discipline. According to the journal *Engineering News-Record (ENR)*, Sener is one of the top 100 engineering-design companies worldwide, and one of the most important in Spain

Sener's "road of references" accumulates **more than 15,000km of rail and roadways, 1,200km of subway and light rail, and more than 70 urban-transport systems**; that is the reason why Sener is one of the main companies worldwide in terms of transport infrastructures. The Group has designed technical-complex roads and bridges (for example, the fourth **bridge at Panama Canal**), and it is an expert establishing intelligent transport systems. In addition, **more than 180 infrastructures** have been successfully built in **airports** of different countries, as same as infrastructures located in ports, or focused on coastal recovery, in Algeria, Argentina, Brazil, Colombia, Chile, Spain, Mexico, Poland and the UK, among other countries.

Sener is behind ground-breaking projects, like **Real Madrid's stadium, Santiago Bernabeu, retractable pitch**. This is a project developed by Sener from its own patent and technology called Hypogea®.



The design of **Malaga's new Hospital** is also remarkable: this is a landmark health centre for acutely-ill patients with high specialisation and sophisticated health technologies. In terms of **architecture**, Sener is characterised for designing and building unique spaces, as well as for working hand-to-hand with prestigious architects. A large part of its projects has been awarded for their design and efficiency.

Regarding **subway and urban transport**, Sener has developed and participated in subways all over the world -Argel, Barcelona (line 9), Bangalore, Bilbao, Bogota, Doha, Dubai, Guadalajara, Hanoi, Madrid or Melbourne, among others-, as well as in light rails in, for example, Montreal, Abu Dhabi, Dublin, Kaohsiung, Kuala Lumpur, Lusail, Porto, Oran or Ottawa, or even in the electric trolleybus corridor called Chalco-Santa Marta, the first one connecting the State of Mexico with Mexico DC. Finally, among its urban transport projects, Sener's participation on the design of the **El Cairo monorail** network should be highlighted. The network will have 96 kilometres of elevated track and 35 stations, and it is the most extensive driverless monorail network in the world.



With regards to **high-speed**, it is important to highlight EDP's (Engineering Delivery Partner) contract activity for the High Speed Two (HS2) Limited in the UK, California's high-speed line (US), as well as other projects for ADIF (Spanish Rail-Infrastructure Administration) in Spain. Furthermore, another of Sener's fields of activity is **new high-speed lines' urban integration**, as well as **stations and rail terminals** like Los Angeles Union Station (California, US), La Sagrera (Barcelona, Spain) and Sol interchanger (Madrid, Spain).

Likewise, in Mexico, Sener is responsible for the **engineering and planning services of the first electric corridor promoted by the State of Mexico**: Chalco-Santa Marta, in the country's capital. It is an electrified public transport project that contemplates a fleet of 120 trolleybuses and a track length of over 18 kilometres. It will provide service to approximately 120,000 people.

Another cutting-edge mobility project where Sener is present is the **Hympulso** project. It will develop a coach with hydrogen and batteries for a Talgo 250 train, which will allow running with clean energies on lines that are not electrified.



## Advanced Facilities

In May 2023, after acquiring the Spanish firm **Quark**, the group opened up a **new business line: Advanced Facilities**. That company, of which Sener is the majority shareholder, is an international benchmark in the design of data centres, which are highly complex (a sector with growing demand). Founded only 14 years ago, today Quark is among the top 20 firms in the sector. Its customers include Nabiax, Box2bit, Digital Realty, Equinix, Cyrus One, Formation, NTT, Prime and Iron Mountain, the main players in the world.

Sener offers remarkable **capabilities in terms of integrating complex technological systems** to this data-center segment, along with contributing to **canalise data centers' huge power necessities**. In general, this sector demands engineering solutions, increasingly more sophisticated, in order to guarantee these infrastructures' reliability, as same as its energy supply in an efficient and sustainable way.

Quark recently opened up an office in Getxo (Basque Country) for the design of data centres, where 30 highly qualified professionals will be brought on board throughout 2024.

## Energy

Regarding **Energy**, Sener develops projects for companies aiming to achieve the greatest efficiency in the transition towards a sustainable, low-emission model. Sener reaches it through innovation and technology, applied to different fields: **green hydrogen, sustainable industry, circular economy, renewable generation, wind & marine energies, natural gas and co-generation & energy-efficient solutions**.

Sener boosts **hydrogen** technological development and works in efficient solutions based on engineering for its generation, transportation, storage and use. In addition, the company also pursues, among others: optimizing the generation-plants design; analysing different storage, transportation and use options; designing transport networks, employing fuel cells for power generation; and integrating solutions for power-charging stations focused on mobility.

The group works with industrial companies from multiple sectors like, among others, the concrete, iron and steel, and paper industries, or within the pharmaceutical, chemical, or food & drinks ones. In this sense, Sener offers solutions for **decarbonising, for energy efficiency, circular economy**, and the comprehensive management of the water cycle –all of that with a vision towards digitalisation and sustainability.

Furthermore, Sener is a leading company in terms of **renewable technologies**, showing its capacity for innovation in Africa, America and Europe at different fields –solar thermal, photovoltaic and wind energies, or storage- while providing large experience succeeding at comprehensive projects, from their conception to the operation and maintenance processes.

In this sense, Sener works as a highlighted actor in the development of **power-generating plants based on thermoelectric solar energy**, with a 2,000-MW installed capacity in thermoelectric solar projects and with its participation in more than 30 projects in Spain, South Africa, Morocco and the US. With these projects, the company has achieved avoiding emitting around 1 million tons of CO<sub>2</sub>.

In addition, Sener has been part of the design and building processes of dozens of **power plants** all over the world, with huge relevance in building LNG (liquefied natural gas) plants, like German LNG one, the first land-based regasification facilities in Germany. The company has also participated in the designing and building other LNG plants like the following ones: Sagunto and Bahía Bizkaia Gas (Spain), Gate terminal (the Netherlands), Dunkerque (France) and Zeebrugge (Belgium), among others.

In terms of **biomass**, Sener has developed the conceptual, basic and detail engineering for six biomethane plants for the company Ence, located in different parts of Spain. When these facilities come into operation, they will produce 300 GWh of biomethane and 90,000 tons of biofertilizers meant for agricultural purposes.

## Renewable Investments

Sener works from the **commitment towards decarbonisation** through technologies accelerating power transition. Through this goal –from the business line **Renewable Investments**-, the company extracts opportunities in renewable energies and invests in them, aiming to make them true. In this sense, Sener works in four continents within four business lines: **green hydrogen, offshore wind, solar and storage, and circular economy**.

The Group carries out projects in Spain, Portugal, the US, Australia, Chile, Brazil and Mexico; through all of them, Sener produces 4,000 tons of hydrogen per year, 2 GW of clean energy, and 300 MWh of energy are stored per year.

Regarding **green hydrogen**, Sener works for accelerating hydrogen-generation competitiveness from 100% renewable energies with zero CO<sub>2</sub> emissions. In this sense, the construction of an electrolyser at Petronor refining in Muskiz (Basque Country, Spain) can be highlighted.

Sener takes also advantage from its unique experience in terms of **offshore wind energy** and marine engineering for promoting new projects.

For example, in Spain, along with BlueFloat, Sener promotes the development of some of the most important offshore wind farms in the country: Parc Tramuntana at Gulf of Roses, with 35 wind turbines and a 500-MW capacity, which provides 45% of Girona's power demand; Nordes (Galicia), which is estimated to cover 13% of Galicia's power consumption; or Tarahal (Canary Islands), with 225 MW.

The development of **HiveWind** should also be highlighted, a semi-submergible, floating steel platform for offshore wind turbines with powers of over 15 MW, developed by Sener in collaboration with WindWaves (previously, Nervión Naval-Offshore).

Another notable project in this market is the **Kin-cardine floating offshore wind farm**, one of the largest in the world, on which Sener was responsible for the owner's engineering services.

Besides, the company invests in and develops **projects with the possibility of being hybrid with thermoelectric solar energy**, like **Solgest-1**, which are provided with comprehensive and flexible solutions. Sener also offers complementary services with respect to the net, the creation microwebs and self-consumption systems, as well as battery storage.

Lastly, in terms of **circular economy**, Sener elaborates solutions promoting a change towards the circular economy: a model aiming to lengthen resources' lifespan and to reduce forest residues, plastics and chemicals, among others. For example, Zabalgarbi's thermal power plant (Basque Country, Spain) -which Sener has participated as promoter, investor and technologist- energetically assesses residues through cremation.

## Digital

From its **Digital** business line, Sener offers their clients its decades of knowledge in terms of technological engineering and innovation, helping them facing their challenges. This branch disposes of great experience in every single field related to the digital transformation: Big Data, Internet of Things, digital twin, BIM, Artificial Intelligence, systems, descriptive and advanced analytics, cloud architectures and cybersecurity. In this way, Sener designs solutions and strategies adjusted to clients' necessities for achieving an innovative and efficient future.

Sener takes on **energy efficiency** projects, such as **RESPIRA®**, an intelligent air conditioning management system that uses artificial intelligence to improve energy efficiency, thermal comfort and air quality in buildings and infrastructures. Sener also handles **operational efficiency** projects, such as **ACROT**, which is a solution that reduces the risks on jobs where tunnelling machines are used, and which has already allowed increasing the safety on construction projects in Spain, Mexico and Brazil. The company is also a **digital consulting firm**, where it helps its clients adopt digitalization in their processes and businesses.



## Marine

Regarding the **marine industry**, Sener works with shipyards and charterers for designing the most innovative and sustainable fleets. More than 1,200 vessels have been built based on Sener's designs. Its large experience with regards to marine engineering enables Sener for cutting-edge projects in terms of conceptual, basic and classification engineering, detail and manufacturing engineering, as well as mentoring and technical assistance. Sener is part of every stage: from the pre-contractual one, when the vessel is defined, to its delivery. The company's trajectory and professional team allows it creating and coming along with the client at comprehensive projects, as same as at sporadic services.

Sener has participated in the following projects, among others: modernising one of DNA's (Argentina's National Directorate for the Antarctic) icebreakers, Almirante Irizar, operated by the Argentinian Navy; carrying out the engineering and initial stage of one of Dioriga Gas' floating units; conducting the basic, conceptual and detail engineering for five twin, Hopper-style gravel dredgers for the Secretariat of the Navy of Mexico; or designing the sustainable, brand-new tanker vessel -operating with biofuels-, which is able to collect CO<sub>2</sub> from other ships

## Diagnostics

Sener designs and manufactures tools for automatizing processes in microbiology and molecular biology laboratories within the clinical and industrial fields, with the aim of streamlining working flows. Among them, **AUTOPLAK**, an inoculation and automatic sample-seeding system, is one of the highlighted ones. In addition to AUTOPLAK, Sener designs other products and solutions, like high-quality, versatile and adapted consumables -to facilitate a comprehensive service; a range of subsystems that allows automatic devices to be customized for each client and objective; or instrument customization.

From **Diagnostics**, Sener works within different areas of application, like **clinical microbiology, molecular biology and industrial microbiology**.

From product conceptualisation to its manufacture and after-sales service, Sener is present during the whole value chain; this is the reason why it offers a certified comprehensive service, guaranteeing its work quality. Among its certified, comprehensive-service capacities, the following ones are emphasized: conceptualization (work-flow analysis, system definition); design and development (control and electronics, mechanics, microscopy, optical systems, fluidics, software and AI); validation and certification; distribution; industrialization and manufacturing (prototyping, incoming inspection, reception and storage management, integration, functional tests and quality control); and after-sales service.





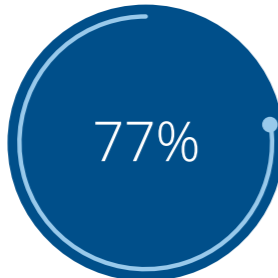
# More than 60 years of history

## 04. SUSTAINABILITY IN SENER

Sener, as a family-owned company, is fully committed to society's development and empowering every single person. In this case, the Group takes advantage from technology and innovation to reach it. Sener's sustainability strategy is based on ESG's main lines: environment, society's development and good governance.

Regarding **environment**, Sener looks for progress with a compromise with nature; this is the reason why its projects transform the current energetic, industrial and transport models. Sener's technological mainstreaming allows the company to address challenges which jeopardise the environment, reducing society's and enterprises' footprint through its business areas.

In 2023, almost the 80 % of Sener's projects where sustainable, with the clear goal of helping their clients towards the energetic transition and sustainable mobility. Among these projects, boosting renewable energies is remarkable, as well as the promoting the decarbonisation of different industries and the circular economy, employing technologies like green hydrogen substituting gas, or the development of sustainable-mobility alternatives, like rail urban transport or green marine transport.



Sener is also working for minimising their own environmental impact and reducing their carbon footprint, proposing new sustainable business lines, reducing their consumption and waste, and promoting in-house projects for innovation focused on sustainability.

Furthermore, Sener is also focused in contributing to **social development** –not only for their professionals, but also for society as a whole. To achieve it, Sener works for promoting equal opportunities through Sener EQUAL: this is a comprehensive, global-perspective plan looking for equality, diversity and integration for everyone working at Sener. In addition, the Group has created diversity and inclusion plans like Sener CARE, a programme focused on wellbeing and making Sener a healthy company.

Besides, Sener contributes to society's development through **Sener Foundation**, a 15-year-old organism for promoting search for knowledge and society's progress. The Foundation recognises each year the best doctoral thesis from students from different universities within Sener's fields of activity. It also proposes grant aid for research projects from several Spanish universities, as well as promotes engineering for solidarity: an initiative encouraging Sener professionals to volunteer in engineering projects at developing countries. Among Sener's main collaborations in the last year, the agreement signed by its foundation with the **Ramón y Cajal University Hospital** (Madrid, Spain) to develop a tool that, through AI, will help to identify more efficiently those people with a higher probability of having a hereditary genetic susceptibility to cancer. The Sener Foundation has also developed a programme at the **Hospital de Cuidados Laguna Madrid** (Spain) for improvements in operation, maintenance and energy and water efficiency. La Fundación también celebra anualmente "Un reto por la Ciencia", para promover las vocaciones STEM (ciencia, tecnología, ingeniería y matemáticas) entre alumnos de bachillerato.

Furthermore, the Sener Foundation organises every year the event "A Challenge for Science", promoting STEM fields of knowledge (Science, Technology, Engineering and Mathematics) between baccalaureate students.

In 2022, Sener became part of the Royal Academy of Engineering of Spain's Woman and Engineering. Their goal is boosting initiatives promoting STEM fields of knowledge, as well as including different actions and programmes like "Mentoring for Excellence" or "Engineering with a Social Purpose", aiming to enhance women visibility within the engineering industry.

Alongside preserving the environment and social development, Sener takes a chance on transparency, appropriately complying the current legislation, and having a **good corporate governance**; this is the reason why the company governance is divided into a Family Board and a Board of Directors, two independent bodies that report to each other with a view to ensuring good corporate governance.

## 05. SENER, A FAMILY-RUN COMPANY

1956

Marine engineer **Enrique de Sendagorta** founded Sener, the first Spanish engineering company. His activity began in Bilbao and focused on the execution of technically innovative marine engineering projects that met the needs of clients.

1960

**José Manuel de Sendagorta, brother of the founder, joined the company.** With his arrival, work began in other areas such as industrial and process plants, maritime works, the petrochemical sector and civil engineering. Sener opened its first office in **Madrid (Spain)**.

1966 – 1967

Sener worked on its **first international project**: the design and construction of a rocket launch tower in Kiruna (Sweden) for ESRO, the former European Space Agency. This project marked Sener's entry into the **aerospace**, sector. In 1967, Sener entered **Mobility**, with projects such as the Bilbao superport, the Bilbao metro, the Bilbao - Behovia motorway and Sondika airport.

1986 – 1989

**Jorge Sendagorta** joined the management team and develops a process of institutionalisation and professionalisation of the company. Sener began a strategy of participation in industrial initiatives based on its own technological developments, which culminated in the creation of the corporate holding company. In 1989, Sener created **ITP Aero**, currently a world reference in the aeronautical and industrial engine market.

1993

After having developed several infrastructure projects in **Barcelona (Spain)** for the **1992 Olympics**, Sener decided to consolidate its presence in Catalonia with the creation of a division based in Barcelona.

1970 – 1982

Sener entered Energy with intense activity in **nuclear plants**. After the nuclear moratorium, the company continued to develop projects in the energy sector, from combined cycle power plants to liquefied natural gas regasification plants and solar thermal power plants.

1991

Sener opened an **office in Lisbon**, which will eventually become the headquarters of Sener's division in Portugal.



- 2001**

Sener created a new business field focused on the **design and mass production of Actuation and Control Systems** for the Defence, Aeronautics, Science and Health Technology markets.
- 1996**

Sener extended its engineering activities to the Environment area, which took the form of projects such as the Zabalgarbi solid urban waste treatment plant and the used mineral oil regeneration plant Ecolube.
- 2002**

The **Sener Foundation** is launched. . The company started operations in Argentina, with headquarters in Buenos Aires.
- 2006 - 2012**

Sener opened offices in **Mexico, Poland, Poland, USA, UAE and Brazil**. The company acquired the Mexican engineering company III S.A. of C.V., the Portuguese company Engivia and the Instrumentation and Systems Division of the company NTE, S.A. Sener launched **Torresol Energy** to build large solar power plants around the world.
- 2013 - 2014**

Sener acquired 48 % of the Brazilian engineering company Setepla, and 100 % of the Brazilian company Exen. The company strengthened its presence in the marine sector in Asia: in China, Japan and Korea and opened an office in Manchester, UK
- 2015 - 2018**

Sener acquired 100 % of Setepla, 100 % of the Spanish company EIPSA, dedicated to structural engineering in special structures, and the TRYO Aerospace & Electronics group. Jorge Unda is appointed as the new CEO of the Sener Group. In 2016, Sener sold its stake in ITP Aero.
- 2019 - 2023**

**Jorge Sendagorta Cudós is appointed new CEO of the group and Andrés Sendagorta is appointed chairman.** Torresol Energy is sold to Q Energy and Sener acquired 60 % of the Australian engineering company Tactix. In 2023, Sener acquired Quark, an expert in data center engineering.
- 2024**

Acquisition of **SCR** and opening of the office in **Seville, Spain**.



# MORE INFORMATION AND CONTACT

## *More information*



Latest news



Blog of Sener



Events



Reports and publications



[www.group.sener](http://www.group.sener)

### **Press Contact**

Borja Nicolás  
International Press &  
Communications Manager  
[borja.nicolas@sener.es](mailto:borja.nicolas@sener.es)  
(0034) 647 581 415