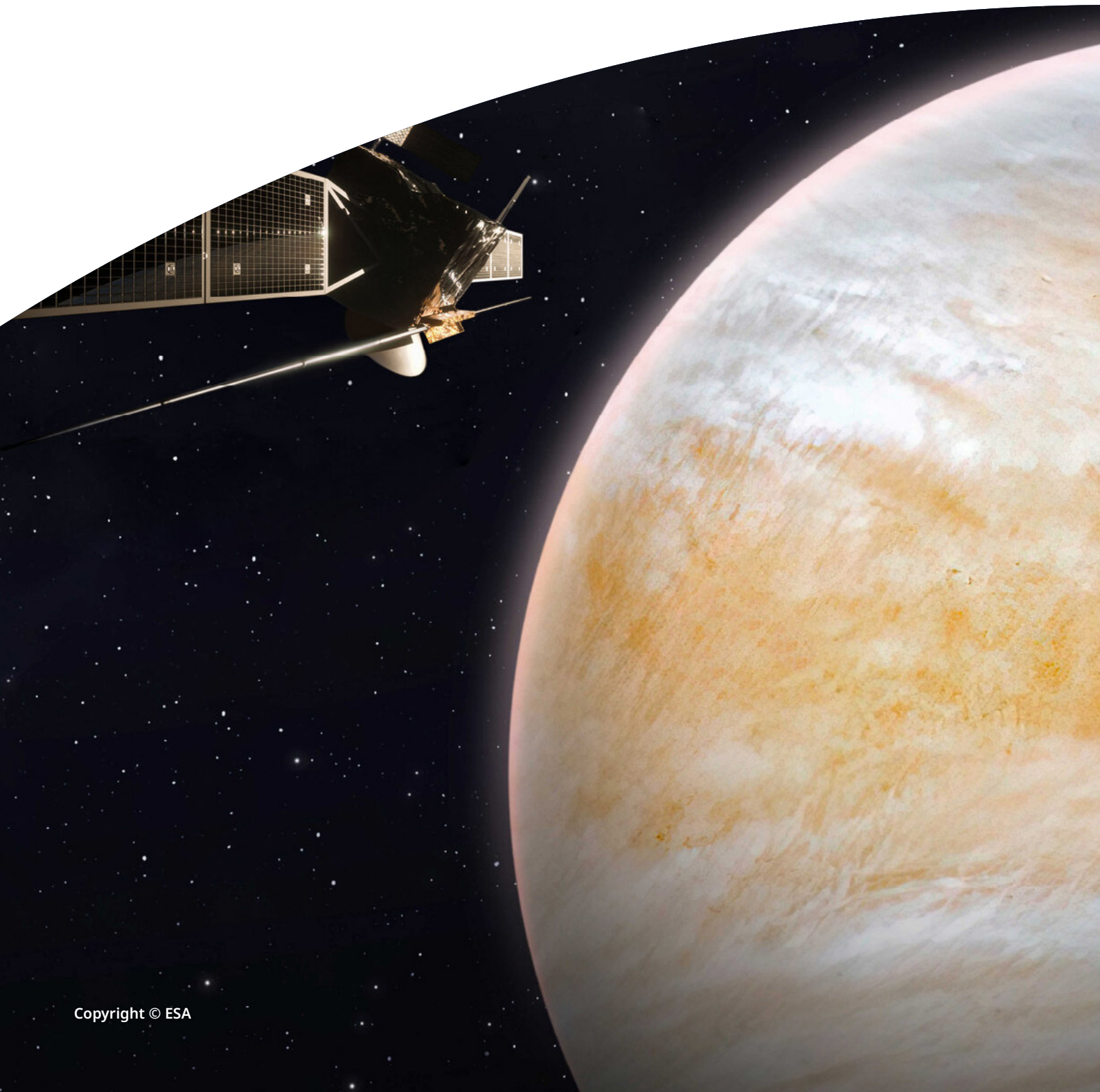
sener | 70 BEYOND BOUNDARIES 1956 – 2026

Social Contribution Report 2025

Sener Poland



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Foreword

Dear Readers,

we are pleased to present Sener Poland's Social Contribution Report for 2025, which demonstrates how we combine our ambition to participate in Europe's largest missions with tangible support for society. For us, the responsible development of space technologies means not only delivering advanced solutions, but also strengthening our ecosystem: people, education, local industry and the environment.

Last year, we acquired key contracts within the European Space Agency's programmes. We joined the flagship Themis programme – a European reusable rocket demonstrator, which represents a strategic step towards cheaper and more sustainable European access to space. We were selected for the EnVision mission, the first comprehensive Venus research mission, and for the Lunar Prospecting & Scouting Rover project supporting lunar exploration – one of the largest contracts in Sener Poland's history.

We have consistently developed a strong supply chain in Poland and on international markets, with dozens of companies and research institutions involved in the implementation of our projects. This collaboration has translated into improved quality, greater innovation and further strengthening of the country's technological potential.

We also participated in the industry's most important events, including the International Astronautical Congress (IAC) and the International Defence Industry Exhibition (MSPO), where we promoted Poland's contribution to the global space sector.

I would like to thank the entire team for their daily commitment and professionalism, and our partners, suppliers and clients for their trust and for working together to overcome the challenges we face in order to continuously develop the industry.

I invite you to read the report.



Jakub Pierzchała
General Director
Sener Poland



Sener Poland in 2025

Social contribution objectives

1. Contributing to the growth of the national economy
2. Expanding internship and apprenticeship opportunities
3. Strengthening cooperation between industry and the scientific community
4. Enhancing competencies in the Polish space sector
5. Conducting activities related to information and promotion
6. Strengthening the expertise of specialists in the space sector
7. Supporting student projects and initiatives
8. Creating a positive image of the Polish space sector on the international stage

Transfer of knowledge and expertise

Sener Group

- Over 50 years of experience in space engineering
- Participation in international projects carried out for ESA and NASA
- Transfer of technology, knowledge and innovation
- Collaboration within international research consortia
- Involvement in the organisation of industry events and scientific initiatives
- Provision of financial and logistical support for long-term space missions

Sener Poland

Employees

- Creation of new jobs for engineers and specialists
- Professional development in an international environment
- Access to modern technologies and specialised training

Universities

- Internships for students
- Joint research projects with universities
- Recruitment of graduates in technical and scientific fields

Public opinion

- Promoting the space sector through media presence and educational activities
- Raising awareness of Polish achievements in space exploration
- Inspiring young generations to pursue careers in engineering and science

Suppliers and Partners

- Cooperation with Polish companies within the supply chain for space projects
- Strengthening the position of Polish companies in the international market
- Transfer of technology and specialised expertise to the Polish industry

Sener Poland in figures

48 people

37 Engineering

4 Quality

3 Procurement

1 Human Resources

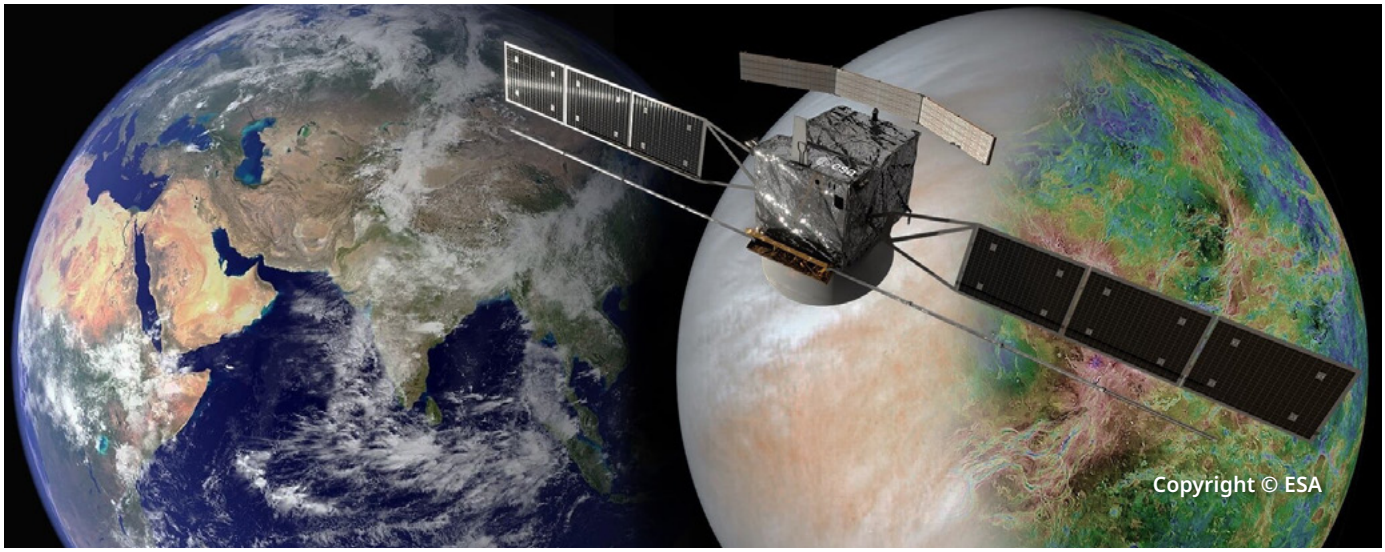
2 Project Control

1 Finance

10 Trainees

3 Number of promotions and career path changes

2 Number of studies subsidised by Sener



The company's greatest asset – Sener Poland employees

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Paweł Janusiak
Project Engineer
Sener Poland

My role involves both preparing documentation and project proposals, as well as participating in the process of developing concepts for new solutions and their further refinement. I graduated with a degree in Aeronautics and Astronautics. Among the competencies acquired during my studies, the most useful in my daily work are knowledge of material strength and the fundamentals of machine design. My involvement in a student scientific association was also very important, as it allowed me to combine academic knowledge with practical design work. It was also a valuable experience in teamwork, which is essential when creating complex projects.



Karolina Podulka
Project Manager
Sener Poland

As a project manager at Sener Poland, my responsibilities include managing the team, planning and controlling costs and schedules, as well as liaising with clients and stakeholders. The experience I gained first while working in the student scientific association, and subsequently while working on projects in various roles – starting as an intern, then as a project engineer, and now as a project manager – has allowed me to gain an in-depth understanding of the specific and extremely rigorous requirements placed on equipment designed to operate in space. This is because the mechanisms we design must operate under extremely harsh environmental conditions while remaining reliable. What I like most about my job is **that it is varied and I have the opportunity to work with companies in the industry from both Europe and around the world.**

Working at Sener Poland is characterised by a high level of dynamism and full involvement in the entire project lifecycle – from design and engineering analysis to tests carried out in specialised laboratories and clean rooms. **As for the most important project in my career at Sener, it is definitely the solar panel mechanism project for the Proba-3 mission, as I was involved with it from the very beginning right up to the mission launch, when the first Sener Poland mechanisms were sent into space.** I feel a strong connection to this project and, at the same time, I learnt a great deal from it, as I held various roles – from engineer to project manager. **We are extremely proud that our mechanisms are now in orbit. This is undoubtedly a huge success both for the team and for the entire company.**



Filip Perczyński
Project Manager
Sener Poland



Beata Wiertel
Project Manager
Sener Poland

I currently work as a manager on projects related to space mechanisms. **I am currently involved, among other things, in projects within the LISA mission – MLTS and HGAS, which are crucial to the success of the mission aimed at studying gravitational waves.** Sener boasts a very long history in the space industry – it has been operating in this sector for over 50 years. This vast experience and knowledge set the company apart and enable it to build a unique position in the international market.

Working on mechanisms at Sener Poland allows me to tackle issues that require responsibility, precision and attention to the smallest details. **I am currently involved in the Themis project, as part of which we are developing an aerodynamic control system for the fully European reusable launch vehicle. The mechanism under development must operate under extremely high loads and in harsh environmental conditions.** The experience I am gaining gives me insight into every stage of the device's development – from the initial concept, through design and analysis, to the final tests. It is worth noting that I am a graduate of the Faculty of Power and Aeronautical Engineering at the Warsaw University of Technology. I won first place in the doctoral thesis category of the POLSA President's competition for my thesis on experimental research into an electrothermal satellite manoeuvring engine using highly concentrated hydrogen peroxide.



Przemysław Paszkiewicz
Project Engineer
Sener Poland

Business collaboration in 2025

Sener Poland has been building its position on the domestic market for two decades, and since 2012 has specialised in advanced space mechanisms. One of the cornerstones of our growth and our success in securing increasingly ambitious contracts is our trusted network of business partners. Currently, our supplier network comprises 28 entities from Poland and international markets.

We prioritise reliability and the highest standards, combining a global reach with a focus on local relationships. By developing partnerships within the country, we not only strengthen the position of regional companies and support the national economy, but above all, we tackle the most demanding engineering challenges together.

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Building lasting business relationships has always been a priority for us, as they directly guarantee the highest quality of work. Close cooperation with our partners allows us to combine unique expertise and effectively overcome technological barriers, which is essential when carrying out such advanced projects.



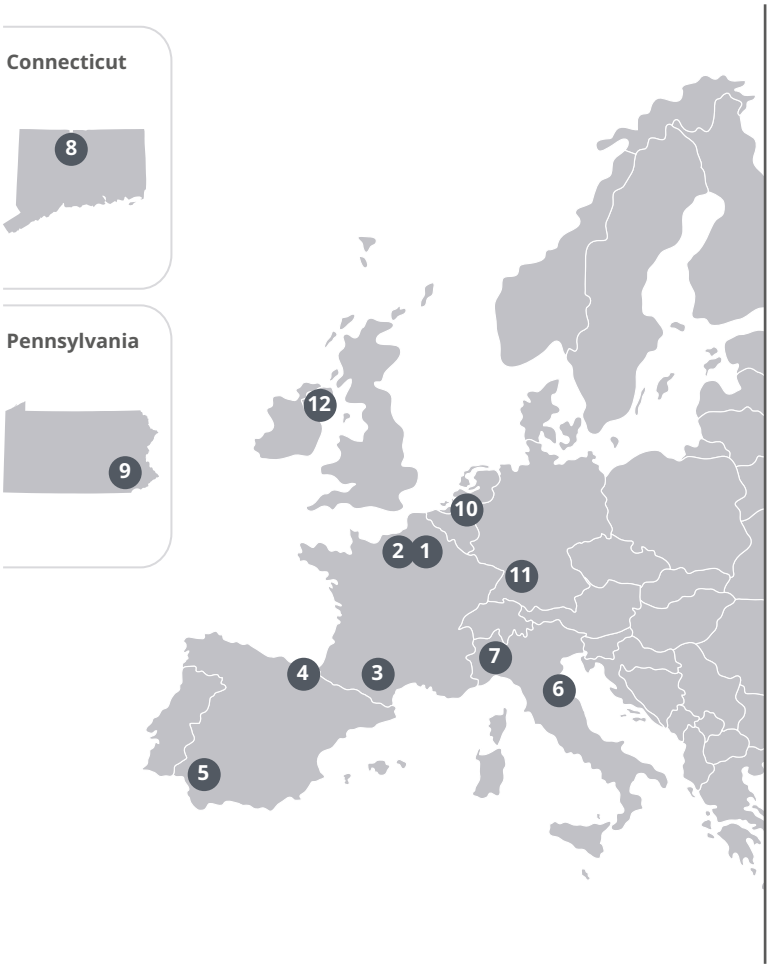
Jakub Pierzchała
General Director
Sener Poland

Polish subcontractors and business partners



1. **WARSZAWA**
   - Sieć Badawcza Łukasiewicz – PIAP (oraz Instytut Lotnictwa)
   - Centrum Badań Kosmicznych PAN (CBK PAN)
   - Spacive
   - Investa
2. **RZESZÓW**
   - Metal Process
   - Conti
3. **MIELEC**
   - Metalpol
   - Waldrex
4. **WYSZKÓW**
   - Techniko
5. **CZECHOWICE-DZIEDZICE**
   - Aerospace Dynamic Group
6. **PIOTRKÓW TRYBUNALSKI**
   - Zamet Industry
7. **DZIERŻONIÓW**
   - Aalberts
8. **WROCŁAW**
   - Kigema
9. **KARCZEW**
   - AZ Cases
10. **SĘDZISZÓW MAŁOPOLSKI**
    - Ultratech
11. **BYDGOSZCZ**
    - Wojskowe Zakłady Lotnicze nr 2

Global subcontractors and business partners



FRANCE

1. Fluorotechnique (Montreuil)
2. Jicey (Houdan)
3. MAP Space Coatings (Mazeres)

SPAIN

4. GOIMEK, S. COOP. (Gipuzkoa)
5. Alter (Sevilla)

ITALY

6. LLS (San Marino)
7. Aviotec (Turyn)

USA

8. EBAD (Ensign-Bickford Aerospace & Defence Company) (Simsbury, Connecticut)
9. Micro Coax (Pottsown, Pennsylvania)

NETHERLANDS

10. CZL Tilburg Surface Technology (Tilburg)

GERMANY

11. Johann Maier GmbH & Co. KG (Stuttgard)

NORTHERN IRELAND

12. SPRINGCO NI LIMITED (Portadown)

”

Aerospace Dynamic Group is delighted to collaborate with Sener, a company that has been setting the direction for development in the Polish space industry for years. We value the opportunity to participate as a partner in its advanced projects, which, thanks to their complexity and high standards, allow our team to continuously improve our skills and implement new technological solutions.

Our collaboration with Sener also contributes to the development of our supply chain, as the new technologies used in Sener's projects motivate us and our partners to raise production standards.

The Sener team stands out in particular for its full commitment, high level of expertise, and availability across all technical and business matters. Thanks to this professional collaboration, the order execution process runs smoothly, and all arrangements are carried out with the utmost care.



Joanna Oracz
Project Manager /
Quality Assurance Manager
Aerospace Dynamic Group Sp. z o.o.

Projects acquired and developed in 2025

Themis

Sener Poland has joined the group of contractors for the Themis programme, implemented by the ESA in collaboration with ArianeGroup to create a European reusable rocket demonstrator. Our engineers are responsible for manufacturing two components essential to the operation of the grid fin system: the GFAM (Grid Fin Actuation Mechanism), which forms the main mechanical structure of the system, and the LLD-D (Latch Locking Device – Deployed), which enables the fins to be locked and unlocked once deployed. The project also fits within the concept of dual-use solutions (civilian and military applications). The technologies being developed can be used not only in the space sector, but also in areas such as defence and control systems. Both components will undergo testing as part of the qualification model.

EnVision

This is the European Space Agency's (ESA) first comprehensive research mission to Venus, carried out in collaboration with NASA, aimed at explaining the reasons for the drastic differences in the planet's evolution compared to Earth. Sener Poland's scope of work includes finite element method (FEM) analyses to verify the strength of mechanisms under the extreme conditions prevailing around the planet, while supervising the production, assembly and testing of components. The mission is scheduled to launch in 2031.

Lunar Prospecting & Scouting Rover

We have been selected by Airbus UK to participate in an ESA mission aimed at surveying and analysing resources on the Moon's surface. As part of the project, the Polish team is responsible for the development and implementation of the EGRESS system, which enables the rover to safely exit the lander and commence operations on the Moon's surface.

Cooperation with the scientific community

Sener Poland's collaboration with the scientific community is a key element in building expertise in the space sector and supporting the development of future engineers. We are actively involved in initiatives aimed at students, PhD candidates and representatives of technical universities, sharing our knowledge and project experience. Our involvement has included mentoring programmes as well as industry and university events, creating a space for dialogue between industry and academia.

These activities contribute to the systematic expansion of the competence base for the national and European space sector, support knowledge transfer and facilitate young specialists' entry into the advanced technology market.



Mentoring programme at the Warsaw University of Technology

Sener Poland took part in the 7th edition of the Warsaw University of Technology Mentoring Programme. Piotr Skoczylas acted as a mentor, supporting students interested in the space sector, and spoke at the programme's launch on 14 November.



European Rover Challenge 2025

The 11th edition of the European Rover Challenge took place in Kraków from 29 to 31 August. Sener Poland was represented by Filip Perczyński and Piotr Skoczylas, who were involved in the competition from a technical perspective and took part in the event as judges. They acted as chief judges in the Probing Task competition. In other competitions, they supported the evaluation process.



"Meet the Company"

A series of meetings with students at the Faculty of Space Technologies at the AGH University of Science and Technology. The company was represented by Piotr Skoczylas, who presented Sener Poland's projects, the practical realities of working in the space sector, and practical advice for students interested in a career in space tech.

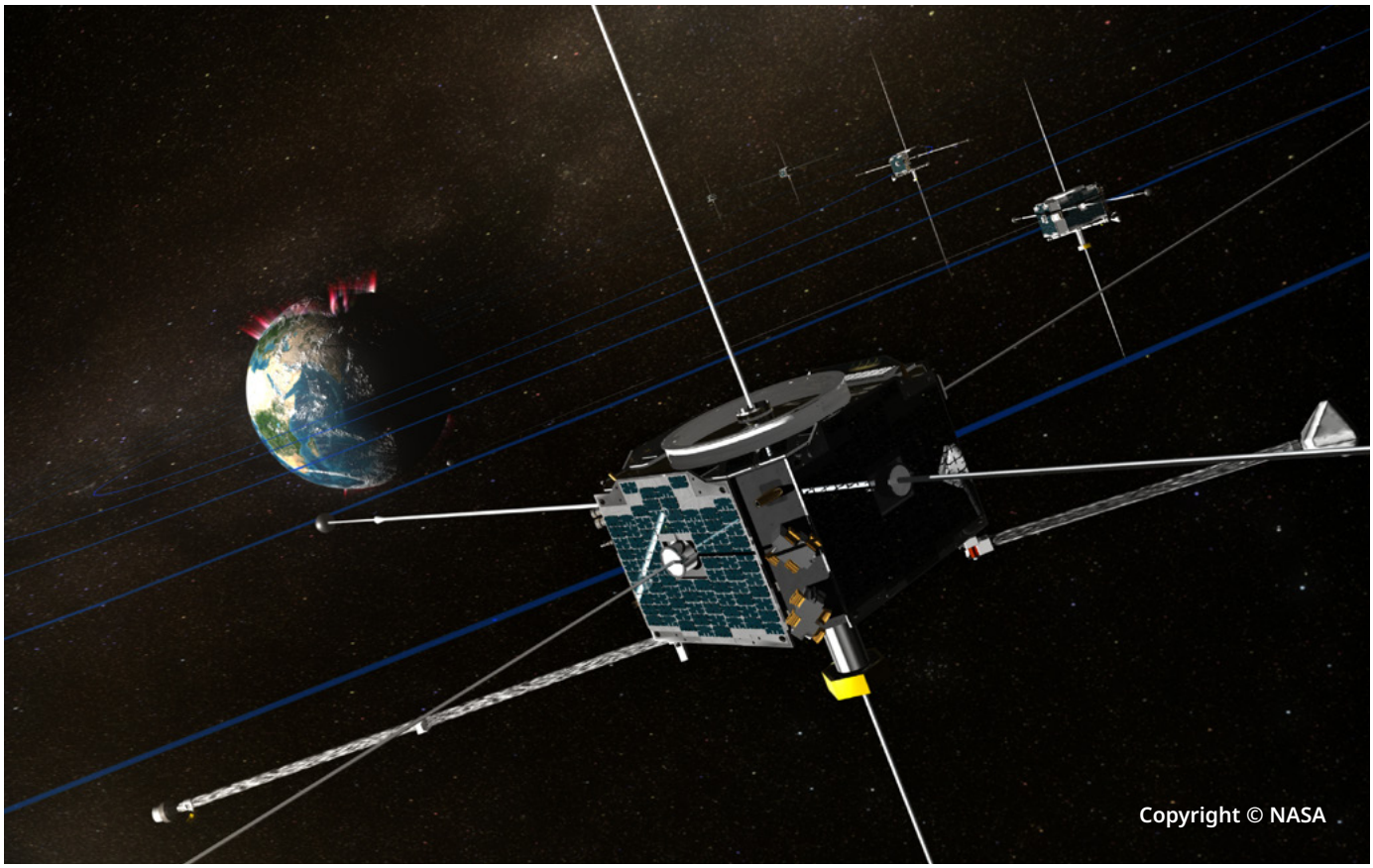
The 10th edition of the Polish Space Fellowship Programme

An internship programme for students organised by the Industrial Development Agency and the Space Sector Employers' Association. Sener Poland once again joined as a partner company, offering an internship for those starting their careers in the space sector.



Engineering Job Fair at the Warsaw University of Technology

On 11 March 2025 Sener Poland took part in the Engineering Job Fair in the Main Building of the Warsaw University of Technology. The event provided an opportunity to talk to students about working on space projects and about opportunities to join the Sener team.



Representing the sector at events in Poland and worldwide

Continuing our long-term efforts to develop the Polish space sector, we are consistently strengthening our presence at key industry initiatives. In 2025, we actively participated in numerous events, sharing the experience gained from delivering advanced engineering projects and showcasing the expertise of the Sener Poland team. Company representatives took part in both expert presentations and debates with representatives from the academic community, public institutions and industrial partners.

Our activities were aimed not only at promoting innovation, but also at strengthening Sener Poland's position within the European space ecosystem, as well as highlighting the role of domestic companies in the implementation of international exploration programmes.

27–28 May 2025

EU Space Days 2025

An event organised by the European Commission as part of the Polish Presidency of the Council of the European Union. EU Space Days 2025 in Gdańsk provided a forum for discussion on the future of the sector, the development of innovation and public-private cooperation in Europe. Mateusz Krakowczyk represented Sener Poland at the event, taking part in business and networking meetings. The event provided an opportunity to exchange experiences and showcase the company's expertise.



29–31 August 2025

European Rover Challenge

During the annual international Mars rover competition, Filip Perczyński and Piotr Skoczylas served as chief judges for the Probing Task, assessing the precision and effectiveness of the robots' sample collection operations. In addition, they supported the work of the chief judges in categories such as Science, Navigation, Astro-bio, Sampling, Maintenance, Droning and Presentation, ensuring a fair evaluation process and the highest standards of the competition.



2–5 September 2025

International Defence Industry Exhibition

The International Defence Industry Exhibition is the largest defence industry trade fair in Central and Eastern Europe, bringing together leaders from the military sector from around the world. Sener Poland was a guest at the stand of the Polish Space Agency (POLSA), where we presented a separation mechanism developed as part of the Comet Interceptor mission.



12–14 September 2025

Futurological Congress 2025

Sener Poland was one of the sponsors of the Futurological Congress. Our General Director, Jakub Pierzchała, took part in the panel discussion “Poland in Space”, during which the achievements of the Polish space sector and the participation of domestic companies in international missions were discussed, as well as Poland’s role in the global space ecosystem. Janusz Grzybowski presented in the exhibition hall a demonstration model of the mechanism developed as part of the Comet Interceptor mission.



24–25 September 2025

European Space Mechanisms and Tribology Symposium

One of the most important industry events, bringing together engineers and scientists from around the world who are involved in the design and testing of space mechanisms. Janusz Grzybowski and Mateusz Krakowczyk presented technical papers on the separation mechanism for the European Space Agency’s Comet Interceptor mission and the development of an ultra-low-vibration actuator for LISA APM. Meanwhile, Małgorzata Stokowska and Jorge Múgica Beltrán from Sener’s Spanish branch discussed the development of a mechanism for LISA OATM.

29 September – 3 October 2025

International Astronautical Congress 2025 (IAC)

In 2025, Sener Poland took part in the International Astronautical Congress (IAC) in Sydney. During the event, company representatives were present at the Polish Space Agency (POLSA) stand as part of the Brand Hub initiative, which aims to promote Polish companies on international markets and build relationships with foreign partners. The joint exhibition showcased the most significant achievements and flagship solutions developed by Polish companies operating in the aerospace sector.



Representation of the sector in the media

Sener Poland actively promotes the national space sector by leveraging its presence in traditional and social media, raising awareness of its potential and successes. Our activities include participation in radio and television programmes, expert commentary on the industry's key achievements, press releases and communication via digital channels.

The aim of these activities is to provide information on current initiatives, as well as to popularise knowledge about space technologies and their real impact on economic development, innovation, and the transfer of advanced solutions to other industrial sectors.

300
media publications on Sener's activities in 2025

169 m
reach according to Press Service



Videoreportage on TELEEXPRESS EXTRA



Online publication at tech.wp.pl



Online publication at pb.pl
+ print publication



Online publication
at geekweek.interia.pl



Online publication
at geekweek.interia.pl



Polscy inżynierowie pomogą w misji badawczej Wenus

Mateusz Mitkow 24 listopada 2025, 12:45 2 min.

Spółka kosmiczna Sener Polska oficjalnie dołączyła do międzynarodowego zespołu realizującego misję EnVision. To misja badawcza Europejskiej Agencji Kosmicznej (ESA), której celem jest dogłębne zrozumienie ewolucji Wenus.

Online publication at space24.pl



NATIONAL GEOGRAPHIC POLSKA

NATIONAL GEOGRAPHIC TRAVELER PODCASTY Wpisz, czego szukasz

Strona główna › Kosmos › Podwójna sonda Proba-3 wykonała pierwsze w historii sztuczne zaćmienie Słońca. Zdjęcia oszałamiają

Podwójna sonda Proba-3 wykonała pierwsze w historii sztuczne zaćmienie Słońca. Zdjęcia oszałamiają

Dwa satelity lecące po wydłużonej orbicie w ultraprecyzyjnej formacji, utworzyły najdłuższy koronograf świata. Pierwsze dane naukowe z misji Proba-3 pokazują, że urządzenia działają poprawnie, przynosząc nam

Online publication at national-geographic.pl

Other featured publications:

space24.pl *– Sener Polska will assist in the exploration of the Moon*

naukawpolsce.pl *– BIOMASS – an important ESA mission involving Polish scientists*

altair.com.pl *– Sener Poland joins the Envision mission*

dzienniknaukowy.pl *– Polish company awarded a contract for the ESA Themis project*

dzienniknaukowy.pl *– European mission to Mars with an increasing Polish presence*

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