

## COOPERATION PROTOCOL SIGNED BETWEEN TAI AND ASPİLSAN ENERJİ

“Space Qualified Battery Production Cooperation Framework Protocol” Signed Between TAI and ASPİLSAN Enerji

The “Space Qualified Battery Production Cooperation Framework Protocol” was signed between Turkish Aerospace Industries (TAI) and ASPİLSAN Enerji, which includes cooperation in battery development and production for space systems. The project aims to transfer technology between the two institutions, conduct joint R&D studies, and determine various cooperation areas covering production processes.

TAI Space Systems Deputy General Manager Prof. Dr. Lokman Kuzu stated regarding the cooperation protocol: “There are only a few countries in the world that have a say in the space field. As Turkish Aerospace Industries, we have proven our country's capabilities by launching our satellites, which are produced with domestic and national resources, into Earth orbit. We continue to work among the countries that shape the future of space from today. With our country's first and only fully-scope Space Systems Integration Center, we continue to realize important cooperations to strengthen Türkiye's place in the space field. In this context, we know that every step taken for the systems we produce and test with the “Space Qualified Battery Production Cooperation Protocol” we have signed with ASPİLSAN is important.”

### Nationalism in Space Step by Step

Kuzu said that under the instruction of President Recep Tayyip Erdoğan and the leadership of the Presidency of Defence Industries, nationality has been brought to the forefront in the field of space, as in every field, and foreign dependency has been reduced. “Step by step, we continue to develop national projects in the field of defence and space. The battery is one of our most important issues. We will understand the value of the steps we have taken in battery production much better in the future. With the production of high-capacity and long-lasting batteries, we will have a great advantage in the field of space. I find this cooperation within the scope of domestic and national battery production valuable and I would like to thank all stakeholders in this context.”

Prof. Dr. Ahmet Turan Özdemir, General Manager of ASPİLSAN Enerji, underlined that the cooperation is a milestone that will strengthen Türkiye's position in the field of space technologies. Özdemir said that As ASPİLSAN Enerji, we have established Türkiye's first lithium-ion battery production facility and started mass production in June 2022. We are a pioneer in the sector with our work in areas requiring advanced technology such as aviation and submarine batteries. Now, we are proud to sign an important cooperation protocol with TAI within the scope of our country's space mission. Within the scope of this protocol, we will accelerate our efforts to develop high-capacity and long-lasting batteries for use in space systems and to produce prototypes.

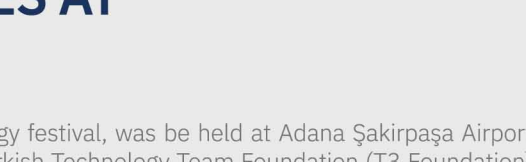
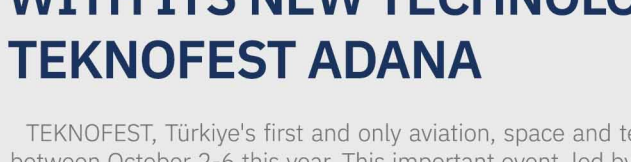
### Contribution to the Space Targets of Türkiye

Within the framework of its national space programme, Türkiye has set important targets in the field of space technologies. This cooperation protocol is of great importance in terms of developing indigenous technologies that will contribute to Türkiye's space missions and increasing competencies in this field. I firmly believe that this important cooperation between TAI and ASPİLSAN Enerji will eliminate our country's foreign dependence on space batteries, contribute to the export of high-tech products, and bring us one step closer to the place we deserve in the field of defence and space.

### Innovations and Future Projects Brought by the Protocol

Within the scope of the protocol, TAI and ASPİLSAN Enerji will work on the development of battery technologies specially designed for space systems. In this context, the batteries are expected to have features such as high durability, energy density and reliability. By combining their existing know-how through technology transfer and joint R&D activities, the two companies will realise the domestic production of advanced batteries to be used in space systems.

The batteries to be developed through this cooperation will be produced for use in Türkiye's future space missions and will reduce foreign dependence in this field. In addition, the technological gains that will emerge during the cooperation process can be used not only in space but also in other critical sectors such as aviation and defence industry.



## ASPİLSAN ENERJİ INSPIRED YOUNG PEOPLE WITH ITS NEW TECHNOLOGIES AT TEKNOFEST ADANA

TEKNOFEST, Türkiye's first and only aviation, space and technology festival, was held at Adana Şakirpaşa Airport between October 2-6 this year. This important event, led by the Turkish Technology Team Foundation (T3 Foundation) and the Ministry of Industry and Technology, was organized with the participation of many organizations that play a critical role in the development of national technology.

ASPİLSAN Enerji took its place at TEKNOFEST Adana and meets young people with its new generation products, engineers and career stand. TEKNOFEST has maintained its place for years as an essential platform where ASPİLSAN Enerji aims to inspire future industry professionals and contribute to their career plans.

### TEKNOFEST is the Inspiration Source of the National Technology Initiative

TEKNOFEST aims to draw attention to the importance of national technology and raise awareness about Türkiye's transformation into a society that produces and develops technology. In this context, ASPİLSAN Enerji also presented at the event to inspire and guide young people towards engineering and technology fields.

ASPİLSAN Enerji General Manager Prof. Dr. Ahmet Turan Özdemir emphasized the importance of TEKNOFEST and said: “Organized with the vision of National Technology Initiative, TEKNOFEST aims to create social awareness on the importance of technology in our society and full independence. With this mission, as ASPİLSAN Enerji, we are very excited to come together with the industry professionals of the future and contribute to their career plans. For the bright future of our country, we must educate our young people with a focus on technology and enable them to develop projects that are beneficial to the country.

ASPİLSAN Enerji introduced career opportunities to young people at TEKNOFEST Adana with our long-term internship program called AS Team Talent Program in order to increase human resources trained in engineering fields. In this way, technology enthusiasts were able to learn about the opportunities and products offered by ASPİLSAN Enerji.

We also aimed to provide young people with unforgettable experiences in the energy sector with interactive activities in the booth area. In this context, we were doing coin cell filling and closing stages with young people in our booth area, and we were offering platforms where they can use the batteries they have made after the process is over.

We have witnessed the use of technological devices for malicious purposes in terrorist incidents around the world. In our goal of a fully independent Türkiye, the production of devices with domestic and national technologies has gained great importance. These events, which show the importance of domestic and national solutions, also emphasize the need for ASPİLSAN Enerji's reliable and long-lasting energy technologies. We serve the goals of our country with our domestic battery cell and battery technologies.

As ASPİLSAN Enerji, we are taking important steps in the production of domestic software and hardware, which is the key to technological independence, under the roof of the Turkish Armed Forces Foundation with the support of the Presidency of Defense Industries. While continuing our R&D activities without interruption, we continue to contribute to the security and defence infrastructure of our country. In this direction, we prioritize security and domestic production in all our production processes.

### ASPİLSAN Enerji Fast Charging Stations at TEKNOFEST Adana

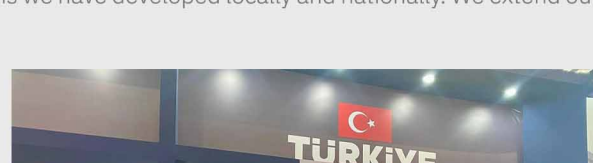
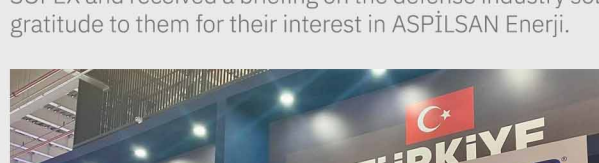
ASPİLSAN Enerji was also supporting TEKNOFEST Adana this year with fast charging stations open to all visitors. Technology enthusiasts were able to charge their mobile devices at ASPİLSAN Enerji's Fast Charging Stations during the event.

As ASPİLSAN Enerji, which is everywhere with our energy in the air, land, sea, and space, we welcomed all our visitors to our stand area to meet with young people at TEKNOFEST Adana and contribute to their technological development.”



## ASPİLSAN ENERJİ PARTICIPATED IN THE “SUPPLIER DAYS” EVENT

As ASPİLSAN Enerji, we met with 52 sub-industrialist companies operating in the machining, sheet metal forming, plastic injection, electrical and electronics sectors at the ‘Supplier Days’ event organized by the Istanbul Chamber of Commerce Sub-Industry Exchange. This event, which brought together local and foreign industrialists, created important opportunities for the future of our sector. We would like to thank the Istanbul Chamber of Commerce for this productive organization.



## WE WERE AT SOFEX WITH ALL OUR ENERGY

As ASPİLSAN Enerji, we took our place at SOFEX with all our energy.

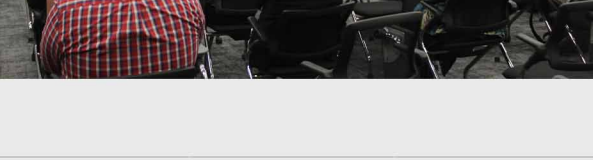
Mr. Erdem Ozan Ambassador of Republic of Türkiye to Amman, Mr. Hüseyin Aşvar, Secretariat of Defence Industries Vice President, Mr. Bilal Topçu, General Manager of TSKGV and Mr. Colonel Cem Türker, Military Attache visited our booth at SOFEX and received a briefing on the defense industry solutions we have developed locally and nationally. We extend our gratitude to them for their interest in ASPİLSAN Enerji.



## WE HOSTED PİLDER MEMBERS IN OUR FACILITY

As ASPİLSAN Enerji, we hosted the members of the Cell, Battery Pack Manufacturers and Suppliers Association (PİLDER) at our lithium-ion battery production facility in Kayseri Mimarisan Organized Industrial Zone!

During the visit, we had the opportunity to talk about our lithium-ion battery and battery technology solutions. We would like to thank the PİLDER team, of which we are founding members, for this effective visit.



## WE CONTINUE OUR TRAINING FOR A SAFE WORKING ENVIRONMENT

8 hours of theoretical and practical training was provided on 17.07.2024 for our Emergency Teams assigned following the Regulation on Emergencies in Workplaces with the support of the Mimarisan OSB Fire Department. Within the scope of the training:

- Information on Combustion and Fire,
- Extinguishing Agents,
- Extinguishing Devices and Their Use,
- Extinguishing Initial Fires,
- Fire Safety Measures,
- Emergency Teams and Their Duties,
- Fire and Evacuation Drill

Comprehensive information was provided on the subjects. We would like to thank the Mimarisan OSB Fire Department and our participants for their contributions to our training.

