OUR ORDINARY GENERAL ASSEMBLY WAS HELD

Our Ordinary General Assembly Meeting was held on 04 June 2024 at our Cylindrical Lithium Ion Battery Production Facility in Kayseri Pınarbaşı Organized Industrial Zone and in accordance with the proposals of Prof. Dr. Haluk Görgün, President of Defence Industries and Chairman of the Board of Directors of TAI* After the Ordinary General Assembly Meeting, Prof. Dr. Haluk Görgün visited our lithium-ion battery cell production facility and made inspections.

ASPİLSAN ENERJİ AND ORAN SIGNED THE COOPERATION PROTOCOL

Between ASPİLSAN Enerji and ORAN, a cooperation protocol was signed for the organization of "The Lithium Ion Battery Fire Extinguishing Methods Workshop"

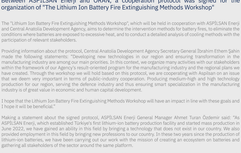
The "Lithium Ion Battery Fire Extinguishing Methods Workshop", which will be held in cooperation with ASPİLSAN Energy and Central Anatolia Development Agency, aims to determine the intervention methods for battery fires, to eliminate the conditions that cause battery fires, to prevent the occasional fires, and to conduct a detailed analysis of cooling methods with the participation of relevant stakeholders.

Providing information about the protocol, Central Anatolia Development Agency Secretary General Ibrahim Erhem Şahin made the following statements: "Developing new technologies in our region and ensuring transformation in the manufacturing industry are our main goals. We believe that the lithium-ion battery production facilities to be established within the framework of our Agency's result-oriented program for the manufacturing industry and the regional plans, will have created. Through the workshop we will hold based on this protocol, we are cooperating with Aspilsan on an issue that we deem very important in terms of public-industry cooperation. Producing medium-high and high technology production for our region, serving the defence industry and thus ensuring smart specialization in the manufacturing industry is of great importance for us and has a capital investment.

I hope that the Lithium Ion Battery Fire Extinguishing Methods Workshop will have an impact in line with these goals and I hope it will be beneficial.

Making a statement about the signed protocol, ASPİLSAN Enerji General Manager Ahmet Turan Özdemir said: "As ASPİLSAN Enerji, which established Türkiye's first lithium-ion battery production facility and started mass production in June 2022, we have gained an ability in this field by bringing a technology that does not exist in our country. We also provided employment in this field by bringing new professions to our country. In these two years since the production of lithium-ion batteries, we have been carrying out our work with the mission of creating an ecosystem on batteries and gathering all stakeholders of the sector around the same platform.

It is observed that there is a significant increase in the use of lithium-ion battery technology in many areas of the world today. The reason for this is that lithium-ion batteries have high energy density and are safe to use. Long-lasting and easy-to-maintain lithium-ion batteries can be charged quickly. These advantages provided by lithium-ion batteries cause the use of this technology to increase rapidly in many areas such as a wide range of products, from toys to electronic devices, from computers to personal devices and factory equipment.



We are preparing in all aspects for the mission of "Battery manufacture of the region".

Türkiye has a mission to become a battery manufacturer in its region. As ASPİLSAN Enerji, we also serve this purpose. For this ecosystem to develop in our country, as ASPİLSAN Enerji, we do not only produce batteries but also negotiate with raw material producers, machine manufacturers, universities and researchers for collaborations. We work voluntarily on how we can serve our country, from raw materials to recycling and recovery, and how we can effectively establish this chain in our country.

We will extract our raw materials to become a battery manufacturer in our country's region. We will process it and turn it into an active substance. We will produce electrodes and batteries from here. After closing the battery, we will turn it into a battery with its electronic circuits and software. We need to implement a chain management that will reuse our end-of-life batteries in secondary processes through recycling and recovery, after evaluating them in secondary areas of use.

As ASPİLSAN Enerji, we have been taking a leading role in the ecosystem for 43 years and directing the development of the sector with our work. This workshop which we will organize on the safe use of lithium-ion batteries, is aimed at preventing fires and explosions that may occur in lithium-ion battery production facilities and in the sector, and measures will be placed in methods to prevent and cool environments where battery systems are exposed in excessive heat. All methods and measures to minimize these risks will be discussed in detail in the workshop.

In the workshop in question, information will be provided by academics who carry out the most up-to-date studies in the field of fire and explosion prevention and extinguishing methods in lithium-ion batteries. We believe that this workshop to be held is the first step in this regard in our country and is of great importance for the safe progress of the usage processes of lithium-ion batteries. This workshop, which constitutes one of the important missions undertaken by ASPİLSAN Energy on behalf of our country, plays a leading and critical role in battery safety.

In the following period of our project, we will coordinate this process with many public stakeholders and follow it on different platforms.

I hope that the "Lithium Ion Battery Fire Extinguishing Methods Workshop" cooperation protocol signed between ASPİLSAN Enerji and ORAN will be beneficial, with the belief that it will make significant contributions to the Battery ecosystem of our country. I would also like to thank the ORAN Development Agency for its unwavering support in this project. I would also like to thank ORAN Development Agency for its unwavering support in this project."

THE ENERGY OF ASPİLSAN FOR A SUSTAINABLE FUTURE

Environmental problems have an increasing impact on the world and living things. Therefore, increasing environmental protection awareness, improving people's sensitivity to environmental problems and informing them about environmental protection steps are of great importance in terms of preventing environmental pollution.

As ASPİLSAN Enerji, which established Türkiye's first cylindrical lithium-ion rechargeable battery cell production facility, production of our country's first and only aviation/helicopter battery systems in Ni-Cd chemistry and also guided the sector as the largest battery manufacturer in our country, we produce energy storage systems with our R&D studies, continue to offer sustainable energy storage alternatives to the world with the solutions we offer to the public and institutions.

On 5 June World Environment Day, ASPİLSAN Enerji General Manager Ahmet Turan Özdemir made statements about energy solutions and said the following: "We continue our activities to leave a more livable world with our sustainability and environmental policies. We are aware of the importance of our duty to provide our country with sustainable and renewable energy resources. In this sense, our mission is to become a customer-focused and environmentally sensitive company that produces innovative solutions for today's and future needs in the fields of portable energy and energy storage, especially in our country, we have made it our duty to put 'Sustainability' at the centre of our business strategies and make it a part of our corporate culture. With the awareness of contributing to creating a more livable world, we take into account the effects of our business activities and our other activities and value chain. We recognize that contributing to sustainable development is our business responsibility.

We Are Working for Sustainable Energy and Reducing Our Foreign Dependency

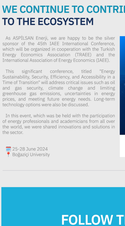
To meet the ever-rising energy demand, we continue to work hard to develop domestic and national battery systems. We believe that our domestic and national work will allow us to efficiently store energy generated by renewable energy sources and develop the most appropriate technological transformations to meet the demands.

In this context, we have concentrated our R&D knowledge and experience in the field of energy storage systems. One of our solutions in this category consists of our portable energy storage systems products called "Power Bank" and "Power Station". These products offer users the energy required to supply both small and large-scale systems with USB charging, light source and internal inverter in cases where more electricity needs to be used in camps, outdoor activities, disaster situations and in the field.

We are working to meet the needs of a house with wall-mounted energy storage systems. The systems will be integrated into renewable energy systems such as solar and wind, improving the user's bill, using solar energy in the system and producing environmentally friendly energy.

As ASPİLSAN Enerji, Türkiye's company in battery cell production and energy storage as a solution to global warming, we carry out all our activities in accordance with our sustainability policies in order to leave a more livable future for the future.

YOU CAN GET SUPPORT FOR TEST SERVICES FROM ASPİLSAN ENERJİ LABORATORIES



You can fill out the ASPİLSAN Energy Test Request form below to get support from ASPİLSAN Energy laboratories equipped with expert staff and wide test infrastructure for the test services your company needs.

- Chemical & Material Tests
- Environmental Testing Services
- Electrical Tests
- EMI / EMC Tests

https://www.aspilsan.com/tr/operasyonel-servisler/

WE CONTINUE TO CONTRIBUTE TO THE ECOSYSTEM

As ASPİLSAN Enerji, we are happy to be the silver sponsor of the 45th IAEE International Conference, which will be organized in cooperation with the Turkish Energy Economics Association (TIAED) and the International Association of Energy Economics (IAEE).

This significant conference, titled "Energy, Sustainability, Security, Efficiency, and Accessibility in a Time of Transition" will address critical issues such as oil and gas markets, carbon pricing, reduction of greenhouse gas emissions, uncertainties in energy prices, and meeting future energy needs. Long-term technology options were also be discussed.

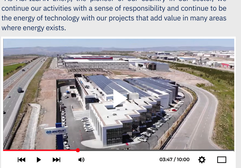
In this event, which was be held with the participation of energy professionals and academicians from all over the world, we were shared innovations and solutions in the sector.

05-28 June 2024
Boğaziçi University

FOLLOW THE ENERGY

ASPİLSAN Enerji, was at the EFES 2024 DRILL

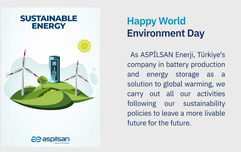
At the EFES-2024 Exercise, we were proud to introduce the innovative solutions we developed in defence technologies to military officials from many countries of the world. Strong Türkiye, strong defence!



https://youtu.be/ETnqbXV6rU

Türkiye's First Cylindrical Lithium Ion Battery Cell Facility

As ASPİLSAN Enerji, the pioneer of our country in our sector, we continue our activities with a sense of responsibility and continue to be the energy of technology with our projects that add value in many areas where energy exists.



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Happy World Environment Day

As ASPİLSAN Enerji, Türkiye's company in battery production and energy storage as a solution to global warming, we carry out all our activities following our sustainability policies to leave a more livable future for the future.

https://youtu.be/4PsX0ZTtwaQ