



KAZANCI HOLDİNG



# AKSA SUSTAINABILITY BULLETIN

MAY 2025



## NEWS FROM AKSA

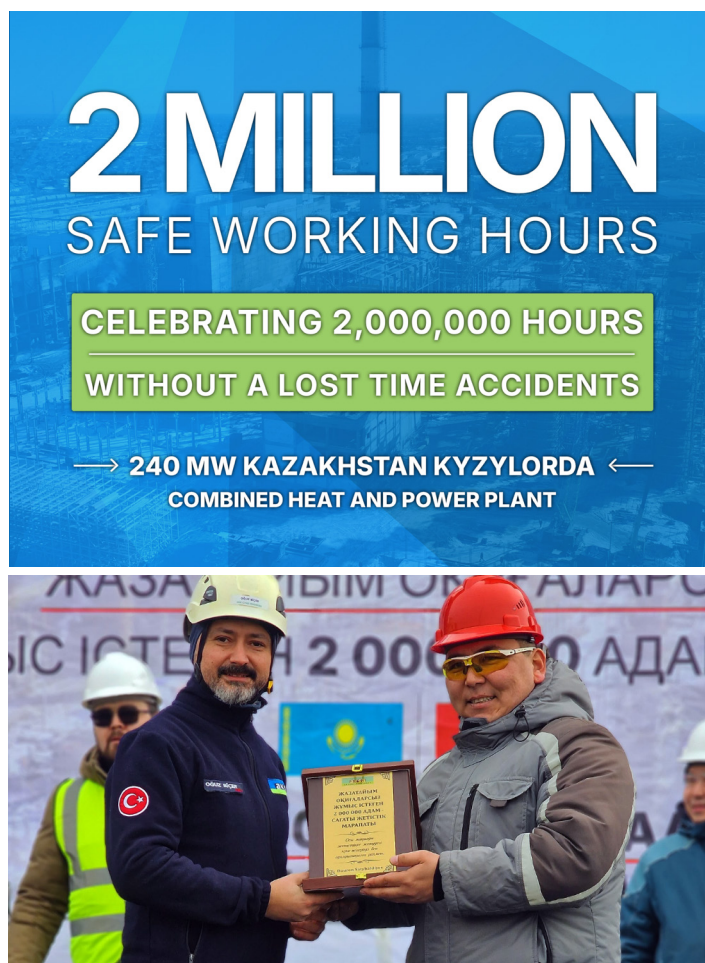
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KARAÇALI FOUNTAINS  
RENEWED**

# AKSA ENERGY'S KAZAKHSTAN KYZYLORDA PROJECT ACHIEVED 2 MILLION PERSON-HOURS OF ACCIDENT-FREE OPERATION TIME

Aksa Energy's Kazakhstan Kyzylorda Combined Heat and Power Plant Project achieved 2 million person-hours of accident-free working time. This success was achieved thanks to the effective implementation of occupational health and safety standards.



An important occupational health and safety milestone was achieved at the Kyzylorda Combined Heat and Power Plant Project conducted by Aksa Energy in Kazakhstan. The project's 2 million person-hours of work were completed without any occupational accidents.

This achievement was made possible by Aksa Energy's "zero occupational accidents" principle, providing its employees with the highest level of safety conditions and rigorously implementing international occupational health and safety standards.

A safe work culture was created thanks to periodic trainings, continuous audits and risk-focused preventive approaches in the field. This approach is a reflection of Aksa Energy's policies of operational excellence and prioritizing employee health.

2 million person-hours of accident-free performance was achieved, and all field teams and support units were thanked.



# AN EVENT FOR CHILDREN WAS HELD AT AKSA POWER GENERATION TURKIYE PRODUCTION CENTERA

Special event was organized at Aksa Power Generation's production center in Turkiye, where children were welcomed and had a pleasant day with various workshops and games. The event was realized as part of the organization's social sustainability approach.



As part of its social sustainability activities, Aksa Power Generation organized an event for children at its production center in Turkiye. Various workshops, playgrounds and interactive activities were planned for children at the event, which aimed to meet future generations full of energy.

During the event, children were provided with a safe and fun environment while raising awareness on issues such as energy transformation, environmental awareness and teamwork. While the participating children had a pleasant time, Aksa Power Generation employees had the opportunity to share this special day with their families.

The event was organized in line with Aksa Power Generation's goals of strengthening its bond with the community and increasing its social impact.





# FIRAT ELECTRICITY DISTRIBUTION CO. MADE A MEANINGFUL TOUCH ON WORLD WATER DAY: KARAÇALI FOUNTAINS RENEWED

Firat Electricity Distribution Co., in cooperation with Elazığ Municipality, repaired Karaçalı Fountains and carried out environmental cleaning on World Water Day. The event was organized with the aim of sustainable resource utilization and leaving a livable world for future generations.



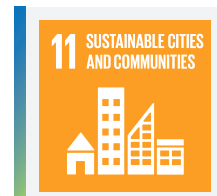
Firat Electricity Distribution Co. carried out an awareness-raising activity within the scope of March 22nd World Water Day. In the event organized in cooperation with Elazığ Municipality, Karaçalı Fountains, one of the important water sources of the city, were repaired and a comprehensive cleaning was carried out around them.

The main purpose of the event was to draw attention to the protection of natural resources and emphasize the vital importance of water. Firat Electricity Distribution Co. officials stated that the conscious use of natural resources and sustainable environmental understanding are among the company's core values.

“Every drop of water is precious. It is the responsibility of all of us to protect not only today's but also tomorrow's resources. We will continue to do our part to leave a livable world with unexhausted resources for future generations.”

With the renovation of Karaçalı Fountains, both environmental and social benefits were provided for the people of the region. In addition to contributing to the water infrastructure, it was stated that such efforts to raise environmental awareness will continue.

Firat Electricity Distribution Co. emphasized that with this activity, they restored not only a fountain but also the bond between nature and people. This activity realized on the occasion of World Water Day was a meaningful example underlining the responsibility for the protection of water.



## SUSTAINABILITY THROUGH THE EYES OF OUR EMPLOYEES

# IN SEARCH OF BALANCE: ENVIRONMENT OR PEOPLE?

Trying to save a tree while forgetting the people living in its shade is not sustainability.

When we think of sustainability, the first things that come to mind are usually carbon emissions, renewable energy investments, recycling rates and waste management. The first pages of sustainability reports are full of green targets. Of course these targets are important and necessary. But sometimes our eyes are so focused on the tree that we forget to see the people living in its shadow.

This is precisely why focusing on environmental sustainability while pushing social sustainability to the background leads to a completely unsustainable approach. Especially in the business world, striking this balance is no longer a “luxury” but a necessity.

Social sustainability is often overshadowed by this green transformation. Issues such as employee rights, equality, improvement of working conditions, diversity and inclusiveness find less space in companies' sustainability reports or are limited to social responsibility projects. However, sustainability is not only about protecting nature, but also about protecting the quality of life and rights of people.

Therefore, true sustainability in the business world requires a strong balance between environmental and social sustainability. Ensuring that the most vulnerable groups are not affected in green transformation processes, that the voices of employees are heard and that social justice is ensured is crucial for both the success of companies and the welfare of society in the long term.

Sustainability consists of three pillars: environmental, economic and social. However, when one of these pillars is missing, we cannot talk about sustainability in its full sense. In the business world, people-oriented social sustainability is as important as environmental goals. While reducing our carbon footprint, we should not erase our human footprint. Because true sustainability makes sense when we protect nature and people together. Not forgetting the people in whose shadow we live.

**Nazlı Hilal Yedekçi**

Environmental Engineer /  
Sustainability Specialist





# UPDATE TO THE CIRCULAR ON SUPPORT FOR THE GREEN DEAL COMPLIANCE PROJECT

According to the circular issued by the Ministry of Trade of the Republic of Türkiye on May 8, 2025, various updates were made to the application process and the scope of activities supported under the Green Deal compliance support program.



## Responsible

With the Circular on Green Deal Compliance Project Support (08/05/2025) published by the Ministry of Trade of the Republic of Türkiye, some important changes regarding the application and evaluation processes have been implemented.

Within the scope of the update, the definition of “Implementation Consultancy Firm” has been removed and the Responsible® Pre-Assessment Report Card has been removed from the list of mandatory documents. In case of deficiency notification, applications will be rejected if the deficiencies are not completed within 3 months; a waiting period of 6 months will be applied for re-application.

Companies that are included in the scope of the support and declare that they will not proceed to Phase 1 will also be excluded from the support and will be able to reapply after 6 months.

In addition, support items related to consultancy services have been expanded; Phase 1, 2 and 3 consultancies and Public Oversight Accounting And Auditing Standards Authority approved sustainability reporting trainings have been included in the scope of support at a rate of 50%.

Source: Republic of Türkiye Ministry of Trade, Circular on Support for the Green Deal Compliance Project (08/05/2025)

# TURKIYE IN TOP 6 OF EUROPE IN WIND ENERGY: ONE STEP CLOSER TO 14,000 MW TARGET

The 2024 Türkiye Wind Energy Statistics Report published by the Turkish Wind Energy Association (TWEA) revealed that the sector is growing unabated.



Türkiye commissioned 1,310 MW of new wind energy investments during the year, bringing its total installed capacity to 13,792.5 MW. Thus, the critical threshold for the 14,000 MW target was reached.

Dr. İbrahim Erden, President of TWEA, stated that Türkiye ranks sixth in the European wind energy league after Germany, the United Kingdom, Spain, France and Sweden. Stating that an average of 11.34% of the electricity generated in Türkiye last year was met from wind energy, Erden said that they aim to reach 48,000 MW in wind energy by 2035.

According to regional data, the highest installed capacity is in the Marmara Region (6,000 MW+), followed by the Aegean Region (4,000 MW+). İzmir, Balıkesir, Çanakkale and İstanbul stand out among the provinces with the highest installed capacity, while cities such as Tekirdağ, Kırklareli and Antalya stand out in WEPP projects with storage.

It was emphasized that the Super Permit Law, which is expected to enter into force in 2025, will be an important milestone to accelerate bureaucratic processes in the sector. “Simplifying the permitting processes and paving the way for projects with storage will play a critical role in Türkiye’s renewable energy transformation,” Erden said.



# NEW REGULATION ON CBAM: 90% OF COMPANIES WILL BE EXEMPT FROM CARBON TAX

The European Parliament has approved a regulation exempting companies importing less than 50 tons per year from the carbon tax under CBAM. The exemption will cover only 1% of total emissions.



The European Parliament has adopted an important amendment to the Carbon Border Adjustment Mechanism (CBAM). According to the new regulation, companies importing less than 50 tons of iron, steel, aluminum, cement and fertilizer per year will be exempt from the carbon tax.

The decision was taken in line with the European Union's objective to reduce administrative burden and support small businesses. With this change, around 90% of companies, mostly SMEs, will be excluded from CBAM obligations. However, 99% of their total carbon emissions will remain in the system.

Negotiations between the European Parliament and EU member states will need to reach a compromise before the new regulation can enter into force. The CBAM will become fully operational in 2026 and importers will be required to surrender certificates in exchange for emissions.

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# MUCILAGE ALERT IN THE MARMARA SEA: WHITE THREAT OFF KINALIADA

On May 9, 2025, the mucilage layer seen off Kinaliada once again revealed the environmental fragility of the Marmara Sea. Experts emphasize that the source of the problem is pollution and lack of supervision.



After 2007 and 2021, the Marmara Sea is again on the agenda with mucilage in 2025. On the morning of May 9, a whitish layer off the coast of Kinaliada caused concern among the locals and those who make a living from the sea. According to experts, this environmental crisis is not caused by earthquakes, but by industrial pollution, inadequate treatment and ineffective inspections.

Solutions published by Istanbul Technical University call for the establishment of advanced biological treatment plants, increased industrial inspections, and restrictions on agricultural chemicals.

Mucilage threatens not only the marine ecosystem but also fisheries, tourism and human health. It can cause health problems such as skin diseases, allergies and respiratory infections, especially in areas where it is concentrated.

Authorities state that decisive steps to keep the Marmara Sea alive should no longer be postponed.



# ELECTRICITY PRODUCING BACTERIA: THE GREEN ENERGY SOURCE OF THE FUTURE

Scientists in the US and China are developing new solutions that will revolutionize clean energy and biotechnology by harnessing the ability of bacteria to generate electricity. Biobatteries could be the harbinger of a sustainable future.



Scientists have discovered that bacteria can generate electricity by transferring electrons to their environment. The research, led by Dr. Caroline Ajo-Franklin from Rice University, showed that these bacteria can generate energy even in oxygen-free environments and that this process can be used in areas such as wastewater treatment, carbon sequestration and biofuels.

In China, the Shenzhen Institute of Advanced Technology has developed portable biobatteries powered by electroactive bacteria. These biobatteries offer an environmentally friendly alternative for medical devices and wearable technologies with the ability to recharge themselves.

These systems, which do not contain harmful substances such as cobalt and lithium, are promising in terms of both sustainability and biological compatibility. Electricity-generating bacteria open the door to a new era in green technologies.

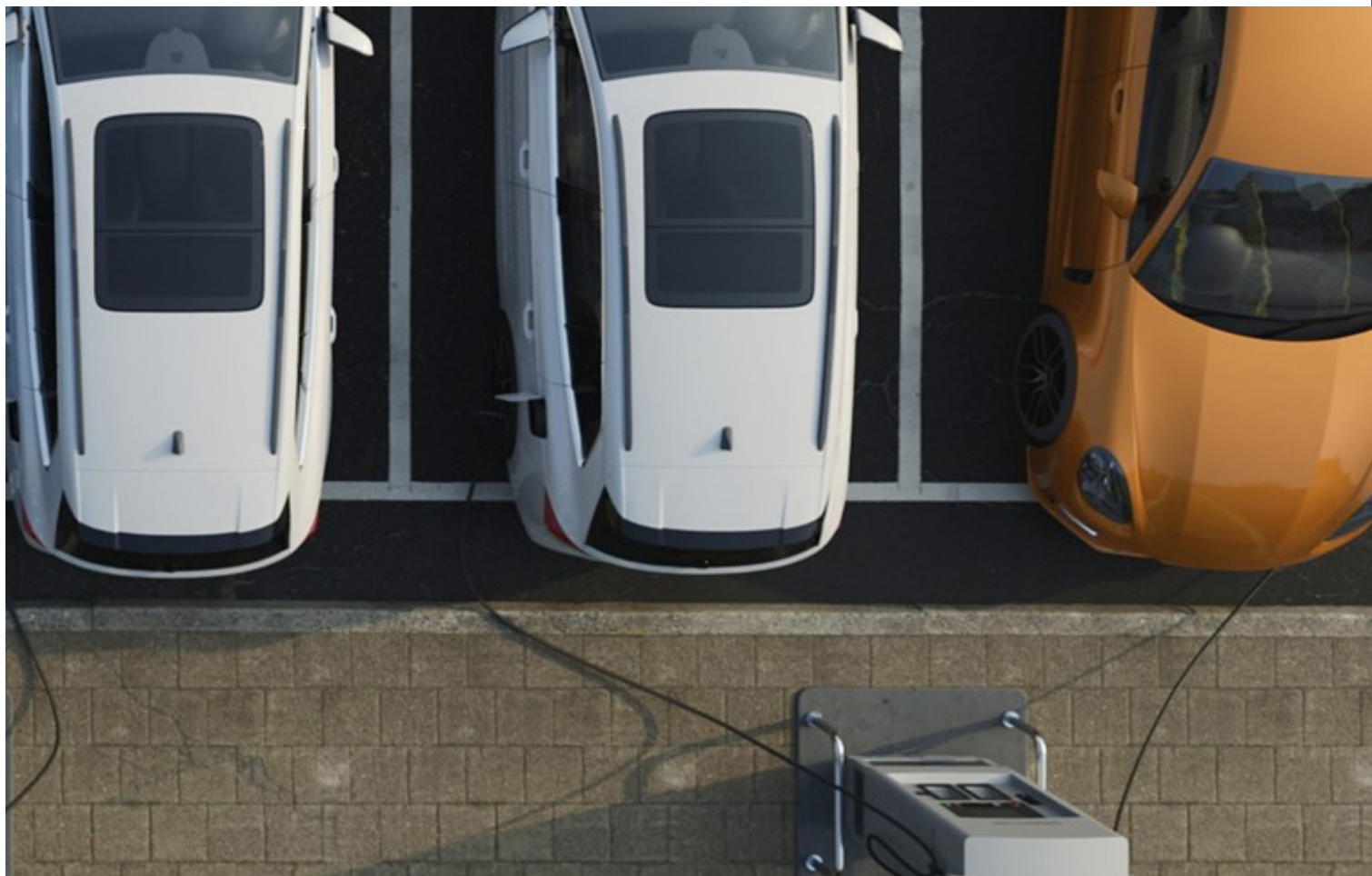
*Source: NASA Jet Propulsion Laboratory - 2024 Sea Level Analysis*





# ELECTRIC VEHICLE SALES TO EXCEED 20 MILLION IN 2025

According to the IEA's 2025 report, electric vehicle sales increased by 35% in the first three months of the year, with 20 million electric vehicles expected to be sold worldwide by the end of the year.



The Global Electric Vehicle Outlook 2025 report published by the International Energy Agency (IEA) revealed that electric vehicle sales are growing unabated. While 17 million electric vehicles were sold worldwide in 2024, sales are expected to exceed 20 million this year.

While China maintained its leadership in the market, a 60% increase in sales in Asia and Latin America was noteworthy. In the US, growth was 10%, while sales slowed in Europe as incentives waned. According to the report, in many markets, the operating cost of electric vehicles is still lower than conventional vehicles.

Fatih Birol, President of the IEA, emphasized that electric vehicles are both becoming more accessible and spreading faster in developing countries. “One out of every four vehicles sold this year will be electric. In 2030, this ratio could increase to two in five.”

*Source: IEA Global EV Outlook 2025 Expanding sales in diverse markets.*

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7 AFFORDABLE AND CLEAN ENERGY





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