



KAZANCI HOLDİNG



SUSTAINABILITY BULLETIN

APRIL 2024



PROMINENT HEADINGS

KAZANCI HOLDİNG
OBTAINED YEK-G
CERTIFICATE FOR AKSA
HEADQUARTERS
BUILDING

AKSA CHARGING
STATIONS ARE NOW
GREEN CHARGING
STATIONS!

AKSA ENERGY IS IN
BORSA ISTANBUL
SUSTAINABILITY INDEX
FOR THE 9TH TIME
CONSECUTIVELY!

KAZANCI HOLDING OBTAINED YEK-G CERTIFICATE FOR AKSA HEADQUARTERS BUILDING



As A part of its commitment to leave a cleaner environment for the next generations, Kazanci Holding obtained YEK-G (Renewable Energy Resource Guarantee System) Certificate for neutralizing the carbon footprint of the electricity consumption of Akxa Headquarters for 2023.

With YEK-G certificate, Kazanci Holding has demonstrated that the electricity used in Akxa Headquarters building is renewable energy. With this step taken, the Holding has neutralized the carbon footprint of the electricity consumed at Akxa Headquarters Building in 2023.

This step reinforces the sustainability vision of Kazanci Holding and concretely demonstrates that it is taking firm steps towards its strategic goals for 2030.



AKSA CHARGING STATIONS ARE NOW GREEN CHARGING STATIONS!

Aksa Charging has taken its commitments to a sustainable future one step further and officially documented that it supplies energy from 100% renewable resources by obtaining Renewable Energy Resources Guarantee Certificate (YEK-G) for all of its charging stations.

Aksa Charging has reinforced its commitment to minimize the impact of the energy used in travel on nature by obtaining YEK-G certificate. This step demonstrates that all charging stations are now operated by renewable energy that is an environmentally friendly and sustainable energy source.

This move of Aksa Charging also fulfills its commitment to reduce the carbon footprint while it offers its customers a cleaner and more environmentally friendly charging experience. The company is achieving its goal of leaving a more livable world to the next generations step by step while minimizing its environmental impact through the use of renewable energy.



AKSA ENERGY IS IN BORSA ISTANBUL SUSTAINABILITY INDEX FOR THE 9TH TIME CONSECUTIVELY!

As the largest publicly traded global electricity producer, Aksa Energy undertakes a leading role in the sector with its sustainability-oriented strategies and environmentally conscious approach. As a reflection of this effort, Aksa Energy was entitled to be included in Borsa Istanbul Sustainability Index for the ninth time consecutively.

Aksa Energy has been consistently included in the BIST Sustainability Index since its first publication in 2015. As a result of the detailed evaluations made every year, the environmental, social and corporate governance performance of the company is deemed worthy of being continued to be included in the index. This process demonstrates that Aksa Energy shows a decisive approach not only in the field of sustainability, but also with regard to the business ethics and corporate responsibility.



**Aksa Enerji 9 Yıldır
Borsa İstanbul Sürdürülebilirlik Endeksi'nde!**



'OUR ENERGY FOR TOMORROW' PROJECT OF AKSA MET WITH STUDENTS IN ANTALYA



The social responsibility project “Our Energy for Tomorrow” of AKSA continued its mission of raising awareness of the energy users of the future by providing training on energy and energy efficiency to the students once more with the phase that it organized in Antalya.

The team which visited 4 different schools, namely Albay Suleyman Kulahci Primary School, Hilmi Caner Saracoglu Secondary School, Ilıcakoy Secondary School and Kovanlik Secondary School, provided the students with both an informative and entertaining experience. An interactive learning environment was provided to the students with educational games as well as awareness-raising trainings on energy and energy efficiency.

This valuable event was just a starting point for AKSA. AKSA, announcing that they will continue to meet with more students in different cities and schools in the near future, is taking firm steps towards its goal of raising awareness on energy.

AKSA potently continues to support the vision of leaving a more livable world to the next generations by carrying on adding value to the society with its social responsibility projects.



SUSTAINABILITY FROM THE POINT OF VIEW OF OUR MANAGERS

AKSA ENERGY HAS BEEN IN BORSA ISTANBUL SUSTAINABILITY INDEX FOR 9 YEARS!

Aksa Energy, which was incorporated in 1997, is the largest publicly traded independent power producer of Turkey while it is continuously making progress in globalization with the electricity generation plants in seven countries. Aksa Energy, which has built and operated more than 30 power plants so far today, plays a critical role in accessing to energy that is one of the fundamental elements of sustainable development. Aksa Energy, which has been a signatory to the United Nations Global Compact (UNGC) since 2017, carries on its operations in compliance with 10 principles of this Compact.

Aksa Energy with its share certificates having being traded in Borsa Istanbul since 2010, has been included in Borsa Istanbul Sustainability Index since 2015. The purpose of establishing this index which has been calculated since 4 November 2014 was to encourage investors to take investment decisions also by observing the company performance criteria in the non-financial areas such as environmental, social and corporate management. The companies that were determined to meet the minimum criteria by evaluating their sustainability performance based on the data in public domain by various independent international sustainability rating agencies has continued to remain in the index so far today. The companies that are included in the Sustainability Index have being evaluated by the international independent rating agency Refinitiv (an affiliate of the London Stock Exchange) for the last two years.

It is also considerably important at which point you are as compared to the relative performance that is comparison group companies in the valuation methodology of Refinitiv consisting of 3 main headings, namely environmental, social and corporate management, 10 categories, 25 themes and over 450 data points. For the companies to be included in the BIST Sustainability Index, the Overall Sustainability Score must be 50 or above, each main heading score must be 40 or above, and at least 8 of the category scores must be 26 or above. To be a part of the independent rating system for companies functions as a helpful tool in establishing the sustainability performance criteria and following up them regularly while it creates a great opportunity for maximizing the sustainability performance.

As Aksa Energy, we are proud of having been included in the Sustainability Index for 9 years and we are working with all our strength to improve our sustainability performance.

Pınar Saatcioglu
Aksa Energy
Investor Relations and
Sustainability Director



MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE OF THE REPUBLIC OF TURKEY HAS PUBLISHED CLIMATE CHANGE ACTION PLAN AND APPROXIMATION STRATEGY OF TURKEY FOR 2024-2030



Within the framework of the Climate Change Mitigation Strategy and Action Plan (IDASEP), strategies and actions were established for the sectors of industry, energy, buildings, transportation, agriculture, waste and agriculture and AKAKDO (Land Use, Land Use Change and Forestry) as the prior sectors.

Furthermore, the cross-cutting issues such as Just Transition and Carbon Pricing Mechanisms were also discussed. The Action Plan consists of 49 strategies and 260 actions in 9 sectors in total. Over 175 stakeholders and over 2000 representatives from the public, private sector and non-governmental organizations convened in over 100 meetings.



Within the scope of the Climate Change Adaptation Strategy and Action Plan (CCAAP), 11 prior sectors with their affectability by climate change determined as high were identified. These sectors include agriculture and food security, biodiversity and ecosystem services, water resources management, tourism and cultural heritage, industry, urban, social development, public health, transportation and communication, energy and disaster risk mitigation. Moreover, the cross-cutting issues were also included in the action plan in the context of climate change approximation. As a result of the meetings held with the participation of sector specialists and various stakeholders from 180 different organizations, 40 strategies and 129 actions in total were identified for 11 sectors and cross-cutting issues.

THE WORLD BANK APPROVED SUPPORTING THE GREEN TRANSFORMATION AND RENEWABLE ENERGY PROJECTS IN THE INDUSTRY



The World Bank approved the program valued at \$2 billion for increasing the renewable energy capacity of Turkey.

The Board of Executive Directors of the World Bank approved a leading initiative for extending renewable energy to increase the energy security in rising and developing economies in Europe and Central Asia. Within this framework, it is aimed at adding 15 GW renewable energy capacity and reducing 240 million metric tons of carbon emissions at the first stage within the scope of the 10-year Europe and Central Asia Renewable Energy Scaling (ECARES) program. The program is expected to evoke the private capital financing of \$6 billion.

The World Bank will provide a finance of \$657 million to the Market Transformation Acceleration Project for Distributed Energy Project of Turkey for supporting the goal of increasing solar and wind energy capacity of Turkey by 2035.

The Country Director of the World Bank for Turkey, Humberto Lopez, commented "Turkey has recently embarked on one of the most ambitious energy transformation programs among the developing market economies. The World Bank welcomes warmly this commitment to doubling renewable energy by 2035 and is pleased to accompany the country in its efforts to ensure the energy security, reduce the energy costs for consumers and struggle with the climate change."



THE FIRST FLOATING SOLAR POWER PLANT OF TURKEY WAS INSTALLED AT ELAZIG KEBAN DAM



Kuzuova Floating Solar Power Plant, which is the first Floating Solar Power Plant of Turkey established on the surface of Keban Dam Lake in Elazig, will generate 1 million 806 thousand kilowatt-hours of electricity per year. The economic value of this production amount, however, is estimated to reach 5.6 million TL. The power plant is installed on an area of 6 acres and consists of 1840 solar energy panels in four blocks. It is aimed to extend the floating SPP projects throughout the country.

The Minister of Agriculture and Forestry Ibrahim Yumakli stated 'This clean energy source is 10 percent more efficient as compared to the systems installed on land. The solar energy systems to be installed with the planning on the reservoirs will also reduce the pressure on the continental land use,' by highlighting the importance of the solar energy system installed onto the water reservoir.

The Minister Yumakli also stated "All water reservoirs, dams and ponds, except for drinking water, in Turkey should certainly be at a specific level. Even when we use 10 percent of it, it has the potential of meeting 1/4 of the annual electricity demand of Turkey. Of course, this is a theoretical issue." and noting that they will also continue to work to develop this in practice based on the successful example.



THE EUROPEAN UNION HAS ADOPTED THE CORPORATE SUSTAINABILITY DUE DILIGENCE DIRECTIVE (CSDDD)



The European Union member states have come to an agreement on the Draft Corporate Sustainability Due Diligence Directive (CSDDD), which is of great importance for human rights and environmental protection.

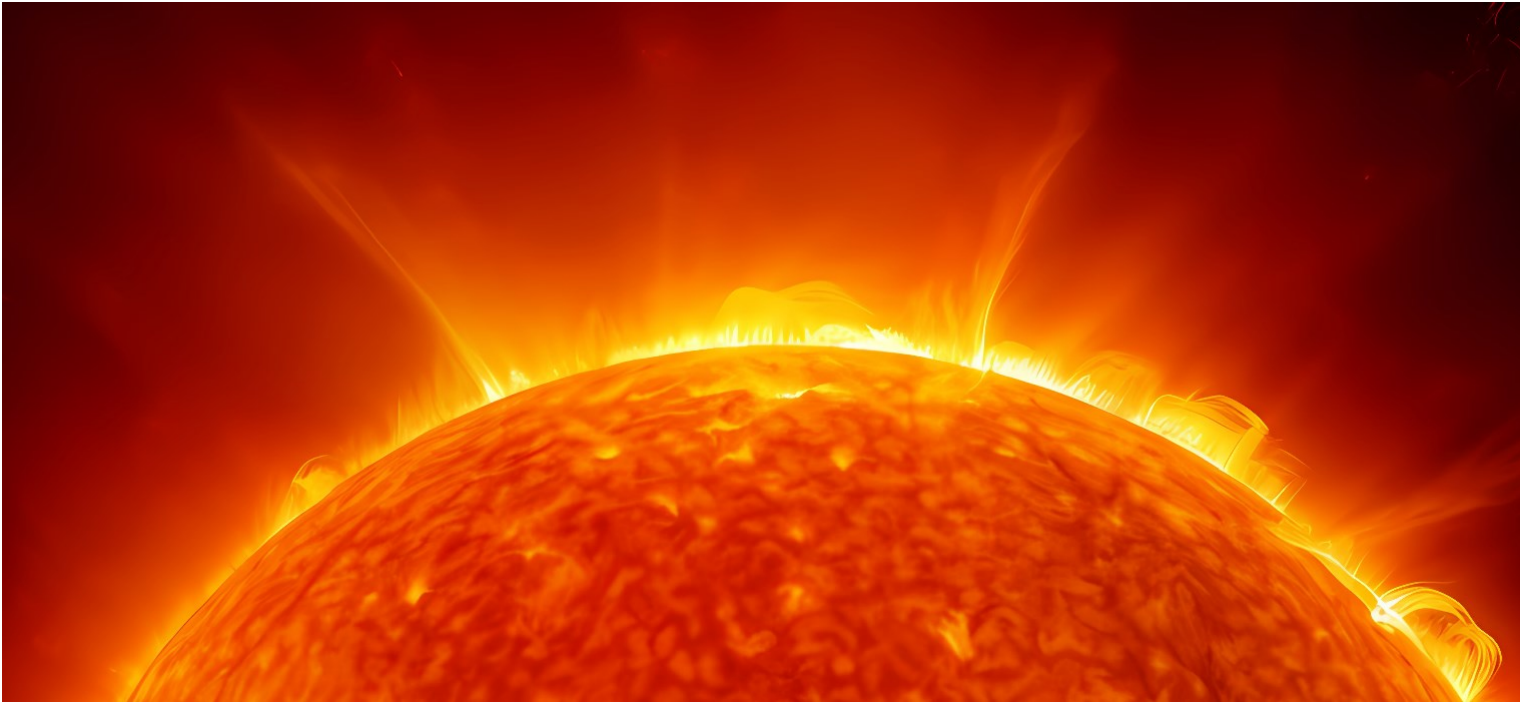
The new draft prepared by the Belgian Presidency on the regulation, which was postponed several times and failed to pass the voting held last month, was adopted. In the new draft, the threshold level for being included in the scope was increased to €450 million.

The draft aims at dealing with the current and potential adverse impacts on human rights and the environment through the global value chains with a framework of obligations that covers the operations of affiliates and business partners for the companies operating in Europe or supplying goods or services to the European Union. The draft includes provisions on the consequences of violating the obligations and these provisions also include legal liability for the companies causing harm by failing to exercise due diligence.

The CSDDD regulation includes the corporate sustainability responsibilities in the scope of legal sanctions and fines. Within the framework of this regulation, which holds the companies responsible for their value chains, heavy fines are imposed for serious environmental and human rights violations.



ARTIFICIAL SUN WAS OPERATED AT 100 MILLION DEGREES FOR A RECORD TIME IN SOUTH KOREA



The scientists in South Korea declared that during a nuclear fusion experiment, known as an artificial sun, it remained at the temperature of 100 million degrees Celsius (seven times hotter than the core of the Sun) for a record time.

The scientists at the Korea Fusion Energy Institute (KFE) aim at operating the KSTAR nuclear reactor at 100 million degrees Celsius for as long as possible in order to develop the nuclear fusion technology that is a clean source of energy not causing carbon pollution. In the experiments, the reactions that make the Sun and other stars glow are simulated and extremely high temperatures are generated.

The scientists managed to operate the plasma at 100 million degrees Celsius that is 7 times hotter than the core of the Sun for 48 seconds. Thus, the previous world record of 30 seconds broken in 2021 fell behind.

The scientists in the vicinity of Oxford, England, declared that they have broken the record for producing more energy in a fusion reaction than ever before. They generated 69 mega joules of fusion energy in five seconds, which is sufficient to supply power to approximately 12.000 homes within the same period of time.



HISTORIC RULING BY THE EUROPEAN COURT OF HUMAN RIGHTS IN THE CLIMATE CHANGE CASE: A JUDGMENT HAS BEEN PASSED AGAINST A COUNTRY FOR THE FIRST TIME!



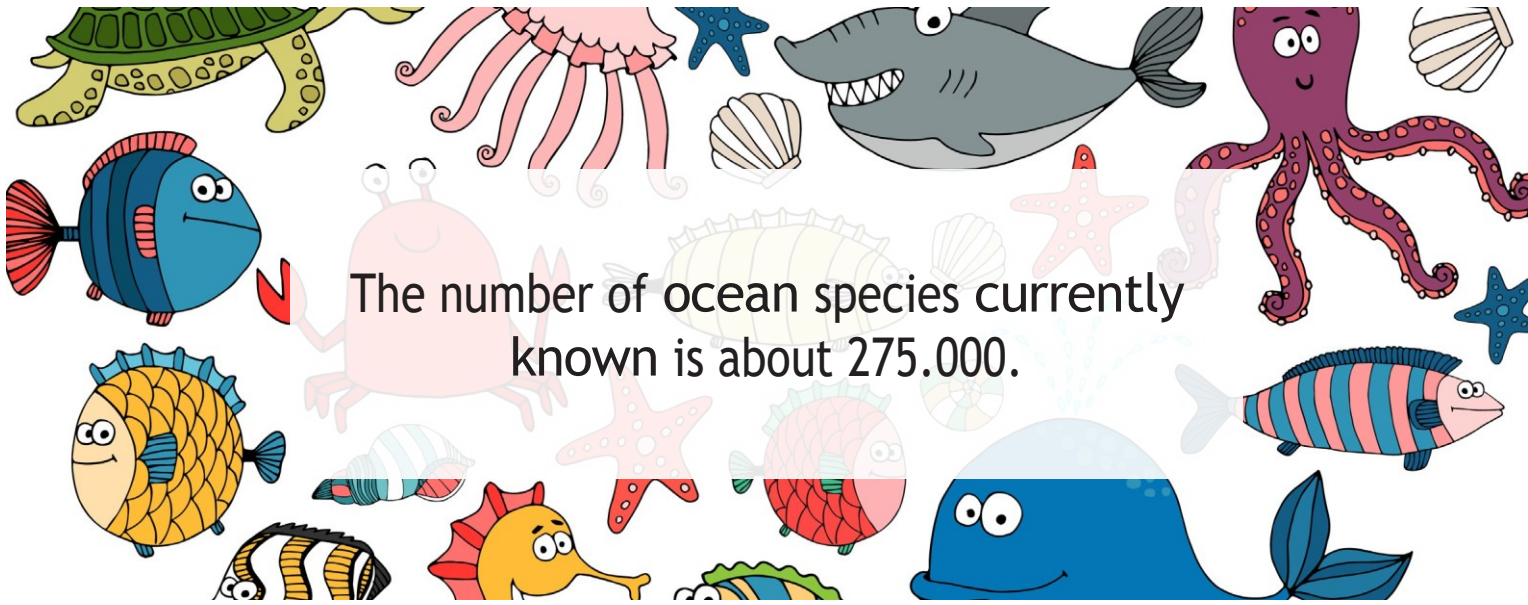
The European Court of Human Rights (ECHR) ruled that the human rights are violated by Switzerland failing to take adequate measures to struggle with the climate change on 9th of April.

The case at the ECHR was brought by a group of Swiss women at the age of 70s. The plaintiffs argued that the climate change-induced heat waves are affecting the elderly population more. The Court ruled that Switzerland has fallen behind its commitments to reduce carbon emissions. This decision is of importance as it is the first decision taken by the ECHR on the climate change.

According to the decision, the Swiss state violated the right to "respect for private and family life" guaranteed under the Article 8 of the European Convention on Human Rights. The association called KlimaSeniorinnen consisting of around 2500 women at the age of 73 on average had sued the Swiss authorities in respect of the climate change that was threatening their health. The court decided that the Swiss state would pay 80 thousand Euros as compensation to the association within three months. It is noted that the decision may establish a precedent for many countries around the world.



DID YOU KNOW THESE?



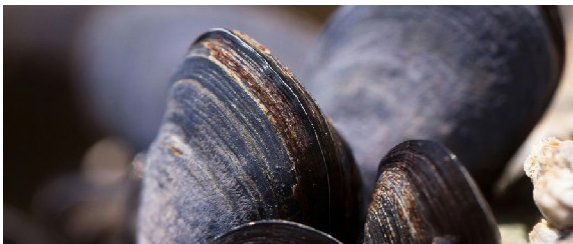
The number of ocean species currently known is about 275.000.



- More than 120 fish species live in the seas of Turkey.



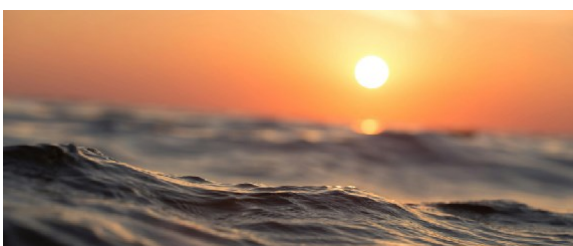
- Octopuses do not have 8 arms; they have 6 arms and 2 legs.



- As mussels filter the water around them, they function as an excellent marine ecosystem cleaner.



- Jellyfish consume 48% less oxygen than other necton species.



- Oceans play an important role in our planet's carbon dioxide cycle by absorbing a large part of the carbon dioxide in the atmosphere



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