



KAZANCI HOLDING



AKSA SUSTAINABILITY BULLETIN

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NEWS FROM AKSA

KAZANCI HOLDING BRINGS NEW LIFE TO NATURE IN BOLU WITH SEEDLING DONATION

TOWARDS A MORE INCLUSIVE CORPORATE CULTURE WITH THE "EQUALITY COMPASS"

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KAZANCI HOLDING BRINGS NEW LIFE TO NATURE IN BOLU WITH SEEDLING DONATION

Kazancı Holding and Akxa, in collaboration with the Bolu Regional Directorate of Forestry, contributed to the re-greening of the region by planting 10.000 seedlings in an 800-hectare forest area damaged by fire.



The planting, carried out within the scope of the National Afforestation Day, marked a significant step toward a new beginning in a region that has long struggled with the loss of natural life. Volunteer employees from Akxa Energy also provided on-site support for the planting activities in the Akxa Memorial Forest, demonstrating a strong example of solidarity.

This initiative, which supports the revival of forests destroyed by the fire, is regarded as part of the responsibility held toward the soil, the climate, and all living beings. Each sapling represents not only the beginning of a new tree but also a concrete expression of the determination to leave a healthier and more sustainable environment for future generations.

Kazancı Holding's long-term approach to mitigating environmental impacts and contributing to the recovery of ecosystems continues to be realized on the ground through projects like this.



TOWARDS A MORE INCLUSIVE CORPORATE CULTURE WITH THE “EQUALITY COMPASS”

Kazancı Holding, under its Global Diversity, Equality, and Inclusion Policy, held the first session of the “Equality Compass Workshop,” which aims to raise awareness about gender equality, encourage collective thinking, and develop a more inclusive corporate culture.



In the first part of the workshop, which was held with volunteer participants, fundamental concepts were discussed, and inequalities encountered in business life were debated using interactive methods. Participants had the opportunity to develop different perspectives by sharing their own experiences and observations.

The Equality Compass Workshop is not only an awareness-raising effort; it is also a significant step towards collectively creating a roadmap that will shape the future of the company.

The goal is that the process, which advances with the contributions of the participants in each session, will ultimately result in the Equality Compass being integrated into Kazancı Holding’s business processes.

The workshop will continue as a sustainable project, enriched by the active participation of employees and open to continuous development.



AKSA POWER GENERATION EXPANDS THE SCOPE OF ITS ENVIRONMENTAL PRODUCT DECLARATION (EPD)

Aksa Power Generation has taken another significant step in its sustainability journey by expanding its efforts in environmental transparency. The EPD (Environmental Product Declaration) study-published for the first time in the world for the generator product group-has now been broadened to include generator sets with Perkins engines, following the earlier inclusion of those with Cummins engines.

ENVIRONMENTAL PRODUCT DECLARATION

by Aksa Power Generation



aksa

With this new effort, the environmental impacts of the products were evaluated across a 40-year life cycle, from raw material procurement to production, and from distribution to end-of-life. In doing so, Aksa Power Generation has completed both LCA (Life Cycle Assessment) and EPD studies for two different engine groups, ensuring environmental performance transparency in accordance with international standards for a large portion of its portfolio.

The expansion of environmental product declarations is regarded as an important component of Aksa Power Generation's sustainability approach. The company aims to transparently present the environmental impacts of its entire product portfolio and strengthen sustainable production standards in global markets.



POLICY OF THE MONTH

GLOBAL SUSTAINABILITY
POLICY

Our sustainability approach goes beyond a policy document; it is an integral part of our business, our culture, and our vision for the future. By leading a cleaner, smarter, and more responsible transformation in the energy sector, we are steadily moving forward to create a better tomorrow for all our stakeholders.

- We implement a production and service approach that uses resources efficiently, reduces environmental impacts, and adopts circular economy principles.
- We develop smarter and more sustainable solutions by supporting clean energy technologies, R&D, and innovation.

- We adopt a transparent, fair, and inclusive communication model with all our stakeholders; we make local communities, our suppliers, and our employees part of the process.

- We closely monitor the risks and opportunities of climate change; we take strategic steps for the future with decision-making processes based on scientific data.

- With the goal of becoming carbon neutral by 2050, we are making investments that support decarbonization across all our operations.

COP30: A CRITICAL TURNING POINT FOR GLOBAL CLIMATE ACTION

Held during a period of deepening global climate crisis, COP30 was convened to prompt countries to re-evaluate their steps in the fight against climate change and to establish a common roadmap for achieving the goals of the Paris Agreement. The summit, hosted in Belém, Brazil, carried critical significance both for the protection of the Amazon basin—home to the world's largest rainforests—and for strengthening efforts to limit global warming.



At the summit, governments, scientists, and international organizations deliberated on key issues such as climate finance, adaptation strategies, preventing deforestation, biodiversity conservation, and the transition to a low-carbon economy. The most notable progress was the collective will shown by countries to increase the necessary financing for climate change adaptation. This decision is regarded as a major step, particularly for nations vulnerable to climate risks.

However, experts describe the lack of a binding roadmap for phasing out fossil fuels as COP30's greatest shortcoming. While commitments regarding forest protection were reiterated, concrete and enforceable mechanisms are still considered inadequate. Furthermore, the fact that many countries have yet to submit their updated Nationally Determined Contributions (NDCs) is causing a delay in the process of achieving global targets.

The summit clearly conveyed the following message to countries and institutions:

- Science-based emission reduction policies are becoming mandatory.
- Adaptation finance will increase; therefore, risk management and resilience efforts are critical.
- Nature-based solutions and forest protection policies require stronger support.
- The cooperation among the public, the private sector, and governments will be decisive in the climate fight.

While COP30 demonstrated the continuation of resolve in global climate diplomacy, it served as a stark reminder that much stronger and more implementable steps are required to keep pace with the accelerating climate crisis.



TÜRKİYE TO HOST COP31: A MAJOR STEP IN INTERNATIONAL CLIMATE DIPLOMACY

Türkiye is set to host the United Nations Climate Change Conference, COP31, in 2026 and will assume the presidency of the summit. This decision is regarded as a significant step that both strengthens Türkiye's role in international climate diplomacy and elevates its standing as a decisive player in global climate negotiations.



COP31 will take place under Türkiye's host status during a period of heightened international expectation, primarily because COP30 in Belém failed to deliver binding progress on critical issues such as the phase-out of fossil fuels, climate finance, and halting deforestation. This context necessitates that Türkiye utilize the 2026 summit as a crucial platform to encourage countries to strengthen their climate commitments, facilitate more concrete steps toward the Paris Agreement's 1,5°C target, and operationalize adaptation finance. According to experts, COP31 represents a turning point for both accelerating global climate action and advancing long-unresolved negotiation issues.

In this critical landscape, the diplomatic consensus reached between Türkiye and Australia during COP30 emerged as the most noteworthy element shaping the structure of COP31. The two countries, which had previously competed to host, agreed upon a "shared leadership" model that enhances multilateral diplomacy.

Under this arrangement, Türkiye will host COP31 and assume the presidency, while Australia will play an active role as the "Negotiations Chair," responsible for guiding the deliberations. This formula not only leverages Türkiye's geographical position and inclusive approach but also ensures that Australia continues to bring the climate sensitivities of Pacific island nations to the negotiating table.

International circles view this cooperation model as a constructive step rare in the history of COPs that increases risk-sharing and diversity of representation. While Türkiye's host status is expected to create momentum on issues like fossil fuel transition, NDC updates, and biodiversity commitments, the success of the summit will ultimately depend on the political will and concrete commitments demonstrated by participating countries.

13 CLIMATE ACTION



A GLOBAL HEALTH FUND ESTABLISHED TO COMBAT CLIMATE CHANGE

As the health impacts of climate change become increasingly visible, a new fund has been established by international philanthropies. Approximately 300 million dollars has been raised for the fund, which aims to develop solutions to extreme heat, air pollution, infectious diseases, and other environmental health risks.



The organization's purpose is to mitigate the adverse health effects of climate change, strengthen the health capacity of vulnerable communities, and generate sustainable solutions on a global scale.

The fund's priority areas include preparedness for extreme heat, controlling air pollution and vector-borne infectious diseases, preventing environmental risks from exacerbating health inequalities, and enhancing the resilience of health systems—particularly in low-income regions. Experts emphasize that climate change is no longer merely an environmental issue but has become a global health crisis.

Aligned with the Belém Health Action Plan proposed at COP30, the fund aims to integrate climate and health policies. As international cooperation in the environmental and health fields is reinforced, the projects supported by the fund are planned to be implemented through data collection, fieldwork, and pilot programs.

From a corporate sustainability perspective, the fund also serves as an important call to action for companies. Businesses are expected to assess climate impacts through a health lens, update their sustainability strategies with environmental and social health integration, and strengthen their risk-opportunity analyses.

17 PARTNERSHIPS FOR THE GOALS



3 GOOD HEALTH AND WELL-BEING



ISTANBUL'S WATER CRISIS DEEPENS: RESERVOIR LEVELS DROP TO CRITICAL POINT

Istanbul's water resources are sounding the alarm. The usable water volume measured in the city's four major dams has dropped from 200 million m³ to 185 m³ within a one-week period in November. With a daily consumption of approximately 3 million m³, the water currently stored in the city's dams is estimated to be sufficient for only about 50 days.



Experts emphasize that the occupancy rate should be at least %30 in November. However, the current level being significantly below this threshold has led to warnings that a serious water crisis could strike Istanbul if sufficient rainfall does not materialize throughout the winter and consumption remains constant. The assessment, "If we enter the summer this way, a disaster will be inevitable," is particularly noteworthy.

This situation urgently highlights the need for public institutions and the private sector alike to focus on water efficiency, drinking water management, and the creation of risk scenarios. Experts advise citizens to prioritize water saving and urge authorities to implement comprehensive measures to mitigate the crisis.



SUSTAINABILITY THROUGH THE EYES OF OUR STAKEHOLDERS

SUSTAINABILITY IS NO LONGER A COST, BUT A STRATEGIC REVENUE STREAM

The New Balance: Profitability = Sustainability

Global research (McKinsey, BCG, WEF) clearly shows: Sustainable business models contribute directly not only to the environment but also to the profitability of the business. Sustainability is no longer a “cost of compliance” but a strategic opportunity area that enhances customer satisfaction, investor confidence, and market share.

Eco-Efficiency: The Heart of Strategic Transformation

Eco-efficiency is the approach of producing the same output with fewer resources. This model offers a triple benefit:

- Cost advantage: Savings on energy, water, and raw materials
- Investment efficiency: Higher output with fewer resources
- Market value: Premium pricing for low-carbon products

Thus, environmental investments cease to be expenses and become strategic tools that provide a competitive advantage.

The Path to Sustainability Revenue through Digital Transformation

Artificial intelligence, IoT, digital twin, and predictive maintenance technologies allow businesses to optimize their environmental performance in real-time. Digital transformation creates two-way revenue:

1. Internal gain: Increased efficiency, reduced costs
2. Digital revenue: Continuous digital revenue through software partnerships and SaaS models

The New Concept: Sustainability Revenue

Sustainable investments now directly generate revenue. These revenue streams include:

Sustainable investments now directly generate revenue. These revenue streams include:

- Circular economy revenues: Sales of products derived from waste
- Carbon market gains: Sale of carbon credits and green certificates
- Premium product pricing: A 5–10% price advantage for low-carbon products
- Technology-based revenues: Water recycling, waste-to-energy production, etc.

Non-Sectoral Environmental Investments: New Revenue Lines

Companies are now generating permanent sustainability revenues by investing not only in their own sectors but also in areas such as waste management, water recycling, and green infrastructure. These investments set strong examples in terms of ESG criteria while bringing new, green revenue lines to balance sheets.

Double Sustainability = Double Revenue
The new-age model combines both financial sustainability and ecological sustainability.

The chain of Digital Transformation → Eco-efficiency → Market Advantage → Sustainability Revenue creates a strategic equation that grows the profitability of the business and the future of the planet in the same direction.

Conclusion: The Sustainability Economy Begins
Sustainability is no longer a “cost reduction program” but the growth strategy of the future. Institutions that embrace this transformation strengthen the foundations of both the planet and their own financial resilience. The new economy is the sustainability economy.



Münir Karaman

Dr. Ercan Gürbulak





KÜNYE

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Kazancı Holding A.Ş.
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Rüzgarlıbahçe Mahallesi, Özalp Çıkmaı No:10
34805 Kavacık Beykoz - İSTANBUL/TÜRKİYE
T. 0216 681 00 00 | F. 0216 681 57 84

kurumsalyonetisimvesurdurulebilirlik@aksa.com.tr

EDITOR-IN-CHIEF

Betül Işıklar
Nazlı Hilal Yedekçi

EDITOR

Nazlı Hilal Yedekçi
Suzan Gürgenli

NUMBER 28



KAZANCI HOLDİNG