
YASED MEMBERS'
GLOBAL SOLUTIONS FOR
TÜRKİYE'S
GREEN FUTURE
yased
Uluslararası Yatırımcılar Derneği
International Investors Association

COP31'S PRIORITY AREAS

COP31 advances along three main tracks, aiming to turn the commitments made at previous sessions into concrete implementation:

EMISSION TARGETS AND IMPLEMENTATION
Countries delivering on their strengthened Nationally Determined Contributions (NDCs) under the Paris Agreement

CLIMATE FINANCE
Delivering the new collective quantified finance goal set at COP29 to developing countries

ADAPTATION AND RESILIENCE
Strengthening the resilience of vulnerable countries and communities against climate risks



6 AXES OF THE GLOBAL CLIMATE ACTION AGENDA AT COP31

International investors help drive progress in these areas by mobilizing green FDI that brings capital, technology, international standards and skills to Türkiye and generates positive spillovers for local suppliers.



1 ELECTRIFICATION “35 BY 35”

Raise electricity’s share in global final energy consumption to 35% by 2035.

35%



2 ZERO WASTE & METHANE REDUCTION

Cut the projected increase in global annual municipal solid waste by at least half by 2035.

-50%



3 RESILIENT CITIES AND BUILDINGS

Reduce energy-use intensity in the building sector by at least 25% by 2035.

-25%



4 GREEN INDUSTRIALIZATION

Increase the global circular material-use rate to at least 15% by 2035.

15%



5 AWARENESS ACROSS ALL AREAS

Ensure climate action education for all by 2035 and strengthen green skills.

ALL



6 CLIMATE IMPLEMENTATION BRIDGE

Scale the Climate Implementation Bridge to convert priorities into finance-ready portfolios.

BRIDGE

Implementation depends on investable projects, predictable regulation, clean-energy access and public–private collaboration.

WHY DOES GREEN FDI MATTER?



Achieving climate commitments:
Green investment is essential to deliver national climate targets, including the NDCs, and advance the country's decarbonization pathway.

Applying global commitments locally:
International companies bring group-wide climate targets and sustainability standards to their local operations.

Leading the green transition:
The evidence shows that foreign-owned companies are often frontrunners and outperform domestic firms across key sustainability indicators.

Investing with a long-term horizon:
Foreign investors commit capital and expertise to energy efficiency, clean energy and low-carbon production.

Strengthening competitiveness:
Supporting the green transition helps domestic industries stay competitive as global markets adopt climate-related standards.

Responding to changing operating conditions:
Climate targets and regulations increasingly affect production, energy use, supply chains and investment decisions.

Investing in compliance and resilience:
Companies invest in meeting evolving standards, regulations and customer expectations.

Responsible business practices:
Green investment increasingly goes beyond compliance and is part of corporate sustainability strategies.

Efficiency and productivity gains:
Energy efficiency, resource efficiency and cleaner technologies can cut costs and raise productivity over time.

Catalyzing public action:
Private investment and corporate commitments can accelerate policy development, infrastructure investment and the broader transition.



Ali Fuat ORHONOĞLU
Chairperson of YASED

Dear Members and Stakeholders,

We are living through a period of profound transformation in the global economy, where sustainability and the green transition have become central to economic competitiveness. In this evolving landscape, foreign direct investment plays a pivotal role in connecting global expertise, advanced technologies, and financial resources with local opportunities.

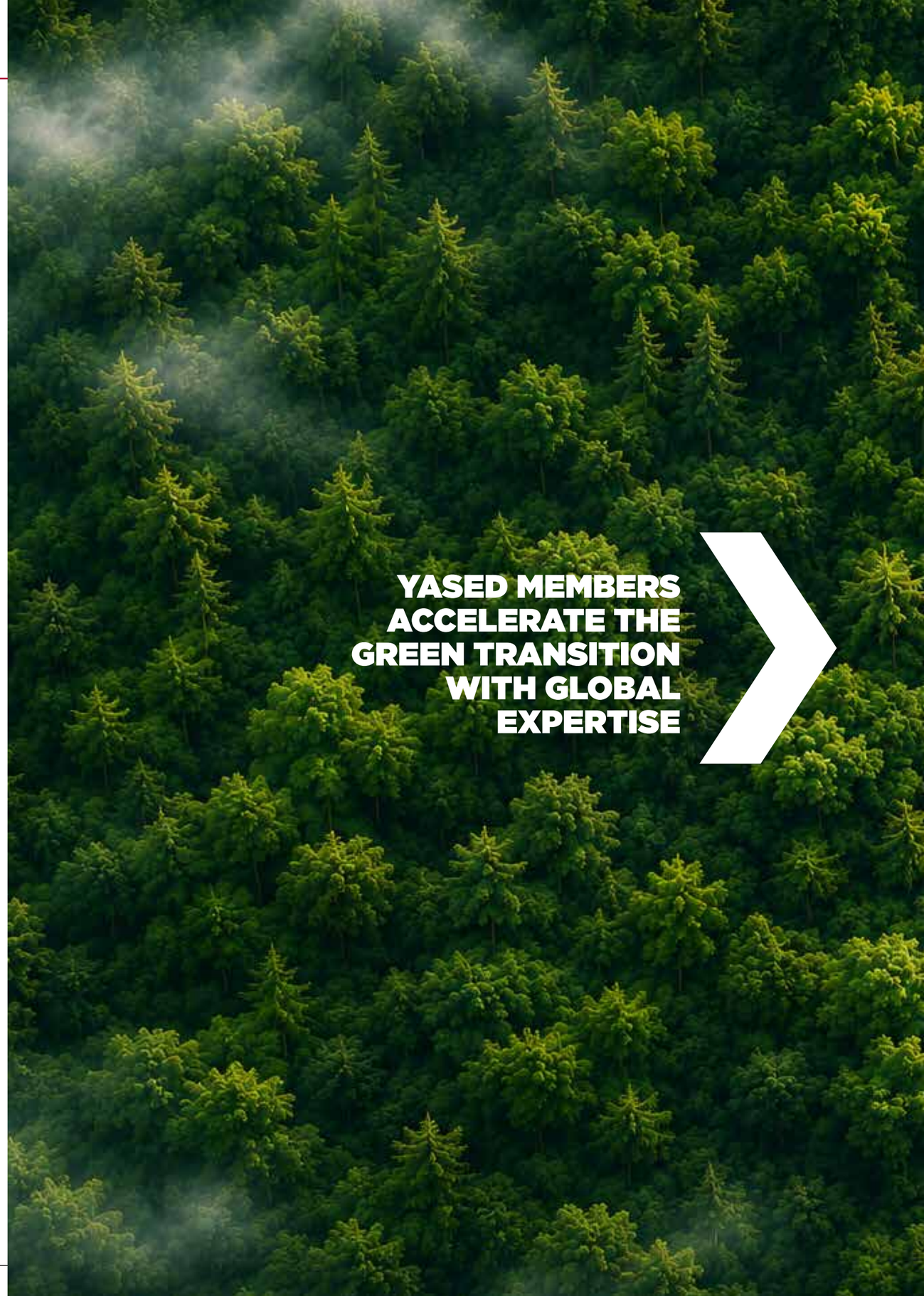
As Türkiye hosts COP31, we have a significant opportunity to accelerate global climate commitments, showcase our green transformation potential, and attract sustainable investments. International investors serve as key drivers in this process by introducing clean technologies, promoting resource efficiency, and fostering technological upgrading across local supply chains.

At YASED, we view international investors as vital partners in Türkiye's sustainable development. Our member companies are actively driving the green transition across diverse sectors—from renewable energy and circular economy to climate resilience and responsible finance. Importantly, this impact is a two-way process: while multinational companies bring global practices to Türkiye, their local operations generate innovative solutions that can be scaled internationally.

With this publication, "YASED Members' Global Solutions to Türkiye's Green Future," we proudly present concrete best practices implemented by our members. Released on the occasion of COP31, this collection aims to inspire new partnerships, foster knowledge exchange, and highlight Türkiye's potential as a hub for high-quality, sustainability-driven investments.

Achieving Türkiye's climate and growth targets requires attracting more green FDI, enhancing local capabilities, and maintaining a predictable, competitive investment environment through strong public-private cooperation.

I extend my sincere appreciation to all member companies that contributed to this publication and to Türkiye's sustainable future. Together, through international investment, global expertise, and local innovation, we will build a greener, more resilient, and competitive future.



COMPANY NAME: ABB Türkiye

PROJECT NAME: Digital and Resilient Energy Infrastructure for ASAŞ's 150 MN Press Facility Investment



THE IMPACT:

Key Result 1:

Implementation of ABB's digital energy management infrastructure in the new 150 MN Press Facility, supporting one of Europe's most advanced aluminum production investments.

Key Result 2:

Introduction of the SENPlus digital low-voltage switchboard system, marking its first application in the metal industry and establishing a new benchmark for digital energy management.

Key Result 3:

Improved operational safety and production continuity through advanced arc protection, thermal monitoring, and real-time energy quality monitoring capabilities.

Additional Result

Expansion of the energy monitoring system to include communication-enabled infrastructure across all switchgear, enabling more efficient operations, predictive maintenance, and reduced risk of failures.

THE STORY:

ABB Türkiye has partnered with ASAŞ in the development of its new 150 MN Press Facility in Sakarya, a strategic industrial investment that will provide Europe's widest profile production capability, the largest welded and seamless tube production capacity, and the largest integrated aluminum wagon body manufacturing capability. ABB supplied advanced low-voltage and medium-voltage electrification solutions to establish a secure, digital, and high-performance energy infrastructure for the facility. The project incorporates ABB's SENPlus low-voltage switchboard system and UniGear ZS2 medium-voltage solution. Through fully communicative energy monitoring architecture, the facility can monitor energy quality, improve automation performance, enhance operational safety, and support predictive maintenance. Advanced arc protection and thermal monitoring technologies further strengthen personnel safety and equipment protection. This initiative is noteworthy because it represents the first use of the SENPlus system in Türkiye's metal industry and demonstrates how digital electrification technologies can improve energy efficiency, operational continuity, and industrial safety. The project also combines ABB's global technology leadership with locally integrated engineering solutions, creating a benchmark for large-scale industrial facilities seeking sustainable and resilient energy infrastructure.



BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The project demonstrates how ABB's global electrification technologies can be adapted and enhanced through local engineering expertise in Türkiye to support large-scale industrial transformation. The selection of ABB technologies was also influenced by the successful performance of ABB medium-voltage solutions previously implemented at ASAŞ GmbH in Germany, highlighting a strong connection between Türkiye and international operations. The project showcases Türkiye's growing role in deploying advanced industrial infrastructure that meets global standards for sustainability, safety, and operational excellence.



THE BIGGER PICTURE:

Türkiye is not only a manufacturing hub but also a strategic platform where advanced digital electrification solutions, local engineering expertise, and sustainable industrial investments come together to create globally competitive, energy-efficient, and resilient industrial infrastructure.

EXECUTIVE VOICE:

Tonay Topuz

Vice President of the Board and Electrification Commercial Leader of ABB Türkiye



"We did not simply build an energy infrastructure; we created a safe, efficient, and integrated system architecture. With our SENPlus solutions and advanced protection technologies, we have established a new engineering benchmark for sustainability, safety, and digitalization in industrial facilities."

COMPANY NAME: ABB Türkiye

PROJECT NAME: ABB Technology Supporting Enerjisa Üretim's YEKA Wind Energy Projects



THE STORY:

ABB Türkiye is providing advanced Gas-Insulated Switchgear (GIS) technology for Enerjisa Üretim's YEKA 2024 wind energy projects, comprising 410 MW in Edirne and 340 MW in Balkaya, with a total installed capacity of 750 MW.
The projects represent a strategic investment supporting Türkiye's energy transition, renewable energy expansion, and energy security.
ABB's GIS technology will form a critical part of the high-voltage infrastructure, enabling the safe, reliable, and efficient transmission of electricity generated by the wind farms to the national grid. The solution enhances grid reliability, operational continuity, and long-term system performance while supporting large-scale renewable energy integration.
What makes this initiative noteworthy is the combination of ABB's global technology expertise with local engineering and project management capabilities in Türkiye. Through this collaboration, ABB contributes to strengthening critical energy infrastructure while helping accelerate the deployment of low-carbon electricity generation. The project demonstrates how international technology partnerships can support sustainable energy development and resilient power systems on a scale.



THE IMPACT:

Key Result 1:

ABB GIS technology selected for renewable energy projects totaling 750 MW of installed wind power capacity (410 MW Edirne, 340 MW Balkaya)

Key Result 2:

Enhanced grid reliability, operational continuity, and secure transmission of renewable electricity through advanced high-voltage GIS infrastructure

Key Result 3:

Contribution to Türkiye's low-carbon electricity generation growth and energy supply security through large-scale renewable energy integration

Additional Result

Demonstrates effective collaboration between a global technology leader and a major renewable energy producer to build resilient and sustainable energy infrastructure. Examples include reduced or avoided emissions, renewable energy generated, energy or water saved, waste prevented or recovered, investment amount, suppliers or employees reached, productivity gains or other measurable environmental, economic or social outcomes.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

ABB Türkiye combines global technology expertise with local engineering and project execution capabilities to deliver critical energy infrastructure projects. The YEKA wind projects demonstrate how internationally developed technologies can be successfully adapted and implemented in Türkiye to support large-scale renewable energy deployment. The initiative highlights Türkiye's growing role as a market for advanced energy technologies and as a contributor to the global energy transition through the development of modern, reliable, and sustainable energy infrastructure



THE BIGGER PICTURE:

Türkiye plays an important role in ABB's vision for a sustainable energy future by combining global technology leadership with local engineering capabilities to accelerate renewable energy deployment, strengthen grid infrastructure, and support the transition toward a secure, resilient, and low-carbon energy system.

EXECUTIVE VOICE:

Cihan Üret

Country Sales and Distribution Solutions Manager of ABB Electrification Türkiye



"The success of the energy transition depends on supporting renewable generation with reliable and resilient infrastructure. Our collaboration with Enerjisa Üretim is a strong example of ABB's contribution to Türkiye's sustainable energy transformation and a more secure, low-carbon energy future."

COMPANY NAME: Agesa Hayat ve Emeklilik A.Ş.

PROJECT NAME: Savings into Transformation: Building a Sustainable Future Through Responsible Investment

THE STORY:

Today, while investment decisions were once shaped solely by a focus on financial returns, critical risks such as climate change, resource scarcity, food security, and social inequalities have become an integral part of the investment landscape. Participants now question not only "how much they earn" but also "how they earn it." This transformation has highlighted the need for sustainability-focused investment solutions.

To address this need, AgeSA has developed an investment ecosystem that integrates environmental, social, social, and governance (ESG) considerations into investment decision-making. The project aims to enable participants in the private pension system to grow their savings while contributing to a sustainable future.

Built around the Sustainable Equity, Energy, and Agriculture & Food Funds, the model channels investments toward key themes such as the low-carbon transition, clean energy, and sustainable food systems. This approach was selected in response to growing demand for ESG-focused investments, enhanced risk management needs, and the pursuit of long-term value creation.



Within this scope, three main funds have been developed:

- **Sustainable Equity Pension Fund: Aims to create long-term value by investing in companies with strong ESG performance and sustainable business models.**
- **Energy Sector Variable Pension Investment Fund: Focuses on the clean energy transition and includes assets linked to the S&P Global Clean Energy Index in its portfolio.**
- **Agriculture and Food Sector Variable Pension Investment Fund: Invests in sustainable agriculture, food security, and innovative food technologies.**

A systematic ESG risk assessment has been integrated into investment processes.
Accordingly:

- **Excluded activities are screened out of the portfolio.**
- **Engagement processes are conducted with high-risk companies.**
- **Medium- and low-risk investments are monitored regularly.**

This structure provides participants not only with financial returns but also with measurable sustainability impact.

The project is currently being actively implemented, with fund portfolios managed according to sustainability criteria and investment decisions shaped in line with ESG performance. Through this model, AgeSA transforms investors from passive savers into active participants in sustainable transformation.

THE IMPACT:

Key Result 1:

A significant portion of participants' savings has been directed toward clean energy, sustainable agriculture, and companies with high ESG performance.

Key Result 2:

ESG risks within portfolios have been systematically reduced.

Key Result 3:

The weighting of assets supporting the transition to a low-carbon economy has been increased.

Additional Result

Sustainability criteria have enabled more effective management of long-term risks within portfolios and the creation of a structure that is more resilient to market volatility.

Qualitatively, the project has:
- **Transformed participants' investment awareness.**
- **Elevated the concept of an "investor" to that of an "impact investor."**
- **Offered an investment experience that creates meaning and value beyond financial returns.**

This structure, established through ESG integration, has made sustainability performance measurable, increasing the transparency and accountability of investment decisions.
As a result, the project has succeeded in creating dual-dimensional value by generating both financial returns and environmental and social impact, and has demonstrated a strong model in the field of sustainable investing or other measurable environmental, economic or social outcomes.

Sustainable Equity Pension Fund

Net Asset Value (m TL):	1,840.44
Net Return (1-Year):	25%
Number of Customers:	69,891
Number of Contracts:	88,181

AgeSA Energy Sector Variable Pension Fund

Net Asset Value (m TL):	1,467.04
Net Return (1-Year):	29%
Number of Customers:	19,604
Number of Contracts:	26,267

AgeSA Agriculture and Food Sector Variable Pension Fund

Net Asset Value (m TL):	355.93
Net Return (1-Year):	28%
Number of Customers:	6,136
Number of Contracts:	7,536







THE BIGGER PICTURE:

The most important feature that distinguishes the project is its positioning of sustainability not as a filter added to the investment process afterward, but as a core element embedded directly within the investment decision-making mechanism. AgeSA's approach positions ESG assessments not only as a risk management tool, but also as a fundamental driver of value creation.

The project differentiates itself through its thematic fund structure (energy, agriculture-food, and sustainable equities), integration with global indices, and balance with local market dynamics. As a result, participants become part of a holistic investment ecosystem that provides access to different components of the sustainable economy, rather than being limited to a single investment product.

Furthermore, the integration of international best practices such as ESG risk analysis, negative screening (exclusion), active engagement, and continuous monitoring enhances the project's institutional depth.

By bringing together financial performance with social and environmental impact, transforming investor behavior, and turning sustainability into a tangible and measurable investment outcome, this project is a strong candidate for COP31.

EXECUTIVE VOICE:

Tuğrul Gemici - **Head of Investments of Agesa Hayat ve Emeklilik A.Ş**

"At AgeSA, we evaluate investments not only by their financial returns but also by the impact they create. By integrating ESG considerations into our investment decision-making processes, we help our participants grow their savings while creating long-term value that supports clean energy, sustainable agriculture, and the transition to a low-carbon economy."



COMPANY NAME: Aksigorta
PROJECT NAME: Sustainable Insurance Solutions for Climate-Resilient Cities

THE STORY:

Climate change is increasing the frequency and severity of extreme weather events, creating growing risks for individuals, businesses and communities. As a leading insurer in Türkiye, Aksigorta has embedded climate resilience into its core insurance business by strengthening risk assessment, underwriting, reinsurance and product development practices.
The initiative focuses on protecting customers against climate-related risks while supporting the development of more climate-resilient communities and a resilient economy.
For flood and wildfire risks, particularly affecting property, workplace and commercial asset insurance portfolios, Aksigorta conducts regional risk assessments, engineering inspections and location-based underwriting evaluations to strengthen climate resilience at asset and community level. Assets exposed to higher climate risks are assessed through enhanced risk selection, risk-based pricing, customized coverage conditions and preventive risk management measures.
For agriculture-related risks, climate events such as floods, droughts, frost and hail are continuously monitored, enabling risk evaluations and pricing mechanisms to adapt to evolving climate conditions.
For health and personal accident insurance portfolios, rising temperatures and heatwave-related risks are integrated into risk assessment processes to better understand and manage emerging health impacts.
At portfolio level, Aksigorta



uses Catastrophe Modelling to assess the potential impacts of floods, wildfires, heatwaves and other climate-related natural hazards across regions and insurance portfolios. These analyses support underwriting decisions, risk-based pricing, capital planning and reinsurance strategies. Multi-layered reinsurance structures help absorb large-scale climate-related losses and strengthen financial resilience against increasingly severe climate-related disasters.
Beyond resilience, Aksigorta also transforms climate challenges into growth opportunities by developing insurance solutions that support renewable energy investments, electric and hybrid vehicles, charging infrastructure and other sustainable assets. Through these solutions, the company contributes to both climate adaptation and low-carbon economic development and the long-term resilience of cities and communities.



THE IMPACT:

Key Result 1:

In 2025, Aksigorta offered 54 sustainability-linked insurance products and services, representing 27% of total premium production and supporting the transition to more climate-resilient cities and communities.

Key Result 2:

In 2025, Aksigorta generated 436 million TL in gross premium production from insurance solutions supporting the adoption of electric and hybrid vehicles, contributing to lower-emission urban mobility.

Key Result 3:

In 2025, Aksigorta generated 206 million TL in gross premium production from renewable energy insurance solutions, supporting the expansion of clean energy infrastructure and climate-resilient development.

Additional Result

In 2025, Aksigorta generated 9.3 billion TL in revenue from sustainability-linked products and services, demonstrating the growing contribution of sustainable insurance solutions to climate resilience and low-carbon economic development.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Türkiye is among the countries increasingly exposed to climate-related natural hazards including floods, wildfires, heatwaves and droughts. By transforming these climate risks into practical insurance solutions, Aksigorta demonstrates how insurers can strengthen resilience at both customer and portfolio levels. The company combines climate-informed underwriting, engineering-based risk assessments, catastrophe modelling and innovative insurance products to create a framework that can be replicated across other markets facing similar climate challenges.



THE BIGGER PICTURE:

Aksigorta demonstrates that insurance can play a critical role in climate adaptation. By helping customers understand, manage and transfer climate-related risks while supporting investments in renewable energy and sustainable mobility, the company strengthens both economic resilience and the transition to a low-carbon future.

EXECUTIVE VOICE:

Fırat Kuruca
CEO of Aksigorta



“We believe the future of insurance is not only about covering risks but also about strengthening the climate resilience of customers and communities. While managing climate-related risks, we continue developing solutions that support a more sustainable future.”

COMPANY NAME: Aras Kargo

PROJECT NAME: CO_2-free delivery on the last mile by Austrian Post Group



THE STORY:

Aras Kargo, a subsidiary of Austrian Post Group, is advancing sustainable logistics in Türkiye through its emission-free last-mile delivery initiative, contributing to the decarbonisation of the logistics sector and the reduction of greenhouse gas emissions. The initiative reflects Aras Kargo's commitment to environmental sustainability, operational efficiency, and the development of innovative delivery solutions that respond to growing customer expectations for greener logistics services.

As part of this transformation, Aras Kargo has introduced an emission-free last-mile delivery concept for all owned vehicles in 12 branches serving 10 districts. These districts are Beykoz, Bodrum, Çeşme, Kuşadası, Didim, Dikili, Pamukkale, Kemer, Konyaaltı, and Atakum. By 2030 it is planned to increase that number to 26 districts and 37 branches. The initiative focuses on replacing conventional fossil fuel-powered delivery vehicles with electric alternatives and exploring sustainable urban logistics solutions adapted to local market conditions.

The Green Cities Project represents an important milestone in Aras Kargo's sustainability journey, demonstrating the potential for integrating electric mobility into Türkiye's parcel delivery operations. By testing emission-free delivery solutions in a real-world operating environment, Aras Kargo is gaining valuable experience in the practical implementation of sustainable logistics models, while identifying opportunities for their expansion to other locations across Türkiye.

The initiative also forms part of Austrian Post Group's broader decarbonisation strategy, which aims to achieve 100% fossil-free last-mile delivery throughout Austria by 2030. Building on the Group's extensive experience in fleet electrification, renewable energy integration, and sustainable delivery infrastructure, Aras Kargo is contributing to the international exchange of knowledge, technology, and operational best practices.

What distinguishes Aras Kargo's initiative is its focus on translating international sustainability ambitions into practical, locally adapted solutions. Rather than relying solely on carbon offsetting, the project addresses emissions directly at the operational level by introducing electric delivery vehicles and promoting cleaner urban mobility.

Through its pioneering Green Cities Project, Aras Kargo is demonstrating how international investment, cross-border knowledge transfer, and locally implemented innovation can accelerate Türkiye's green transition. The project provides a foundation for potentially scaling emission-free logistics solutions across the country, while strengthening Aras Kargo's contribution to sustainable urban development, climate action, and the wider decarbonisation objectives of Austrian Post Group.

THE IMPACT:

Key Result 1:

6,365 e-vehicles in operation - increase of 160% since 2021 in Austria.

Key Result 2:

Reduced companywide CO2 emission by 43% since 2021 in Austria.

Key Result 3:

CO_2-free / 100% electric delivery on the last mile in Austria's capital city Vienna and other major cities (Graz, Innsbruck, Salzburg).

Additional Result

Expansion of the energy monitoring system to include communication-enabled infrastructure across all switchgear, enabling more efficient operations, predictive maintenance, and reduced risk of failures.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Austrian Post Group's CO2-free delivery initiative has a strong international dimension, serving as a blueprint for decarbonising logistics across the Group's operations in Central and Eastern Europe. While Austria is leading the transition to carbon-free last-mile delivery, knowledge, technology, and operational experience are being shared with international subsidiaries. A key contribution comes from Aras Kargo in Türkiye, the first Austrian Post Group subsidiary to establish an emission-free delivery on the last mile concept in Bodrum. By deploying electric delivery vehicles and testing sustainable urban logistics solutions, Aras Kargo demonstrated how emission-free delivery can be adapted to local market conditions. The Green Cities Project acts as a valuable pilot for scaling green logistics solutions across the Group and supports Austrian Post Group's ambition to become a sustainability leader beyond Austria.

THE BIGGER PICTURE:

The most important message is that Türkiye is not only adopting Austrian Post Group's sustainability strategy but actively shaping it. With the Green Cities Project, Aras Kargo demonstrated how innovative, low-emission delivery solutions can be implemented in a major growth market and scaled across the Group. This shows that successful green transformation is driven by collaboration and innovation throughout Austrian Post Group's international network, not only from headquarters.



EXECUTIVE VOICE:



Walter Oblin

CEO of Austrian Post Group

"With the complete transformation of our delivery operations in Vienna, we are setting a new benchmark for electric logistics in Europe. We have invested over €32 million in expanding our electric fleet and infrastructure. Today, around 1,000 vehicles are in operation in Vienna, saving around 2,300 tonnes of CO_2 annually – clear proof that climate protection and economically efficient delivery on a large scale go hand in hand."

COMPANY NAME: AXA Sigorta
PROJECT NAME: Weather Risk Early Warning System



THE IMPACT:

Key Result 1:

Customer Satisfaction:
The Weather Risk Early Warning System achieved a 96.7% customer satisfaction rate based on a customer survey conducted between 1 April and 1 July 2026.

Key Result 2:

Long-Term Deployment:
The system has been actively operating since 2021, providing location-based severe weather alerts to customers and supporting preventive risk management across AXA Sigorta's customer portfolio.

Key Result 3:

Preventive Actions Enabled:
Customer feedback confirms that alerts enabled timely preventive measures, including protecting vehicles from hail damage, securing vulnerable products and assets, adjusting travel or mobility plans, and warning family members and neighbors before severe weather events.

Additional Result

Demonstrated Risk Awareness and Preparedness: Survey responses indicate that customers perceive the service as valuable and differentiating, with many reporting that early notifications helped them prepare in advance and reduce the potential impact of adverse weather conditions.

THE STORY:

AXA Sigorta's Weather Risk Early Warning System is a preventive insurance initiative developed in collaboration with iklim.co to help customers anticipate and mitigate the impact of severe weather events and natural hazards before they occur. Active since 2021, the system uses customers' registered address information to identify localized weather risks and sends timely SMS alerts when adverse weather conditions are expected. The initiative addresses a growing need for proactive risk management in the face of increasingly frequent and intense climate-related events. Rather than limiting its role to financial compensation after a loss, AXA Sigorta supports customers in taking preventive action before an event occurs. Depending on the alert received, customers can protect vehicles and property, secure vulnerable assets, adjust travel plans, or take other precautionary measures.
The program reaches a broad customer base across Türkiye and is integrated into AXA Sigorta's preventive insurance approach. Regular customer surveys demonstrate both the practical value of the alerts and their contribution to reducing potential losses. In the latest survey conducted between April and July 2026, the service achieved a 96.7% customer satisfaction rate.
What makes this initiative noteworthy is its shift from traditional reactive insurance to a proactive, customer-centric model that helps prevent or reduce losses before they happen.

THE BIGGER PICTURE:

AXA Sigorta demonstrates that the future role of insurance in a changing climate is not only to compensate losses, but also to prevent them. By combining weather intelligence with preventive customer engagement, AXA Sigorta helps individuals and businesses adapt to increasing climate risks, improving resilience, reducing avoidable damage, and delivering better outcomes for both customers and the company.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

This practice combines AXA Sigorta's preventive insurance approach with the capabilities of iklim.co, the application of a Turkish climate technology company. While weather alert services exist globally, iklim.co stands out by integrating real-time severe weather detection, location-based customer alerts and loss prevention support in a solution specifically designed for insurance operations. According to the World Meteorological Organization, recorded weather, climate and water-related disasters have increased fivefold over the past 50 years, highlighting the growing need for effective early warning solutions worldwide. The model offers strong international replication potential through a practical, customer-centric and easily deployable approach to climate risk prevention.

EXECUTIVE VOICE:

Seda Bora Arkan

Executive Committee Member, Director of TRNC, International Business Development and Green Investments of AXA Sigorta

"In a changing climate, the most valuable claim is the one that never occurs. By combining climate risk intelligence through iklim.co with our preventive insurance approach, we help customers adapt to increasing weather-related risks and build greater resilience."

COMPANY NAME: Bayer Türkiye

PROJECT NAME: Preceon Smart Corn System



THE IMPACT:

Key Result 1:

Research conducted in Türkiye showed higher irrigation water productivity under both normal and water-stressed conditions, including a 25% reduced irrigation scenario. Overall, Preceon demonstrated approximately 10% higher irrigation water productivity, helping farmers produce more output from the same amount of irrigation water.

Key Result 2:

One of the advantages of the Preceon Smart Corn System is that farmers can access their fields later into the growing season. This provides approximately 5 to 7 additional days of operational flexibility for fertilizer applications. This can make practices such as split nitrogen applications easier for farmers to implement.

Key Result 3:

Studies in Italy and Türkiye indicate improved starch content, digestibility and feed quality in Preceon silage. Dairy cows fed with Preceon Smart Corn System silage produced up to 2 additional liters of milk per cow per day compared with cows fed conventional corn silage.

LAUNCH IN TÜRKİYE

Preceon Smart Corn System has been evaluated in Groundbreaker trials in the U.S., Spain and Italy. Bayer Türkiye is conducting local research on Preceon ahead of the planned launch in Türkiye in 2027.

EXECUTIVE VOICE:

Andreas Knupp

Country Division Head for Bayer Crop Science Türkiye and the Middle East



“Preceon Smart Corn System is a breakthrough innovation that combines advanced genetics, agronomic expertise, digital solutions and data. As farmers face climate change, water scarcity, volatile weather and rising costs, Preceon helps them produce more while restoring more improving productivity while protecting soil health, conserving water and strengthening climate resilience.”



THE STORY:

Preceon Smart Corn System is an integrated corn production system built around Bayer’s innovative short-stature corn hybrids and supported by agronomic expertise, digital enablement, data science and farmer knowledge. Designed to help growers respond to increasing climate volatility, water scarcity, resource constraints and operational risks,Preceon provides growers with hybrids, agronomic guidance and digital tools for field management. In Türkiye, Bayer is advancing evidence-based research on Preceon across four priority areas: water-use efficiency, nitrogen-use efficiency, dairy productivity and root architecture. Completed and ongoing academic studies indicate stronger potential for efficient water and nitrogen use compared with conventional corn hybrids. Türkiye-based and international studies have also observed milk-yield increases of up to two liters in lactating dairy cows fed Preceon silage, linked to its high digestibility and silage quality. Further research on Preceon silage in dairy cows is ongoing. What makes Preceon noteworthy is its systemic model: it combines advanced crop genetics, digital integration and local scientific validation.



THE BIGGER PICTURE:

Preceon demonstrates Türkiye’s role as an early adopter and local validator of a global agricultural innovation. By advancing research on water-use efficiency, nitrogen-use efficiency and dairy productivity ahead of launch, Türkiye is helping generate locally relevant evidence for a global solution. Bayer Türkiye contributes local research results on Preceon to Bayer’s global evaluation of the system.

COMPANY NAME: Bayer Türkiye

PROJECT NAME: Empowering Women's Health Through Access, Education and Digital Innovation

THE STORY:

Climate-related social and economic vulnerabilities can deepen existing health inequalities, making equitable access to reliable health information, early guidance and continuous healthcare support increasingly important. Women are often disproportionately affected by barriers, misinformation and social norms that can delay care-seeking and weaken health outcomes. To help address these challenges, Bayer Türkiye has developed a comprehensive Women's Health Ecosystem that combines health education, public awareness and digital innovation to empower women throughout their healthcare journey. The ecosystem includes Women's Health TV, the AI-supported virtual assistant BileneSor, healthcare professional education platforms, and awareness initiatives such as #NormalDeğil.

The initiative focuses on improving health literacy, supporting women in recognizing symptoms, accessing trustworthy information and making informed health decisions. It also seeks to challenge the normalization of symptoms and conditions that can affect women's quality of life, while promoting open dialogue between women and healthcare professionals. Through accessible, inclusive and science-based communication, Bayer Türkiye aims to reach women from diverse socioeconomic backgrounds and reduce barriers to information and care. The initiative focuses on strengthening health literacy, reducing stigma and empowering women to take an active role in their own health.



THE IMPACT:

Key Result 1:

Since 2013, Bayer has helped meet the modern contraception needs of 8.2 million women and aims to reach more than 3 million additional women by 2030, supporting women's ability to make informed reproductive health choices.

Key Result 2:

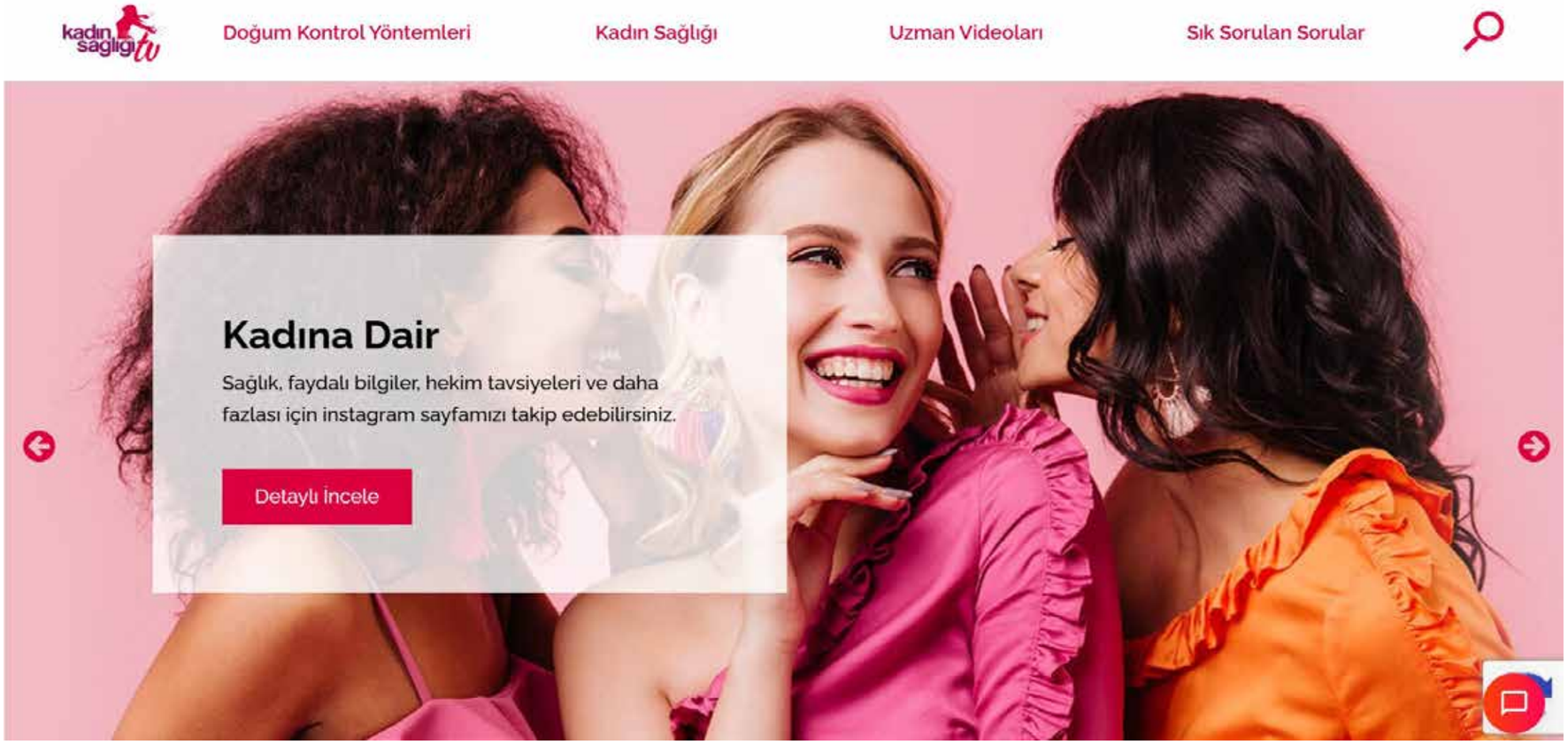
More than 12 million people have been reached through women's health and family planning awareness initiatives since 2013, contributing to greater health literacy and access to reliable health information.

Key Result 3:

Through the #NormalDeğil campaign, Bayer Türkiye challenged social norms that lead women to normalize symptoms such as heavy menstrual bleeding and severe menstrual pain. The initiative reached women through a multi-channel awareness strategy designed to encourage dialogue, improve symptom recognition and support timely engagement with healthcare professionals.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Bayer Türkiye has developed an integrated approach that combines health literacy, digital innovation, healthcare professional education and public awareness to support women's health equity. By addressing barriers related to information access, stigma and normalization of symptoms, the initiative demonstrates how local solutions can contribute to more resilient communities. The model illustrates how global expertise in women's health can be adapted to local needs while generating scalable social impact. It also provides a framework that can be replicated in other markets seeking to strengthen women's access to reliable health information and informed healthcare decisions.



THE BIGGER PICTURE:

Health equity is an essential component of sustainable development. Bayer Türkiye demonstrates that empowering women through reliable health information, health literacy and informed decision-making can strengthen social resilience and contribute to healthier communities. Bayer Türkiye aims to reduce barriers to information and care for women.

EXECUTIVE VOICE:

Ecz. Beste Doğar:

Women's Health Leader of Bayer Türkiye



"Raising awareness of women's health issues, recognizing symptoms early, and seeking support from healthcare professionals when needed are important for building healthier communities. At Bayer Türkiye, through our awareness initiatives, we aim to empower women to make informed decisions about their health and contribute to a healthier future."

COMPANY NAME: Brisa Bridgestone Sabancı Lastik Sanayi ve Ticaret A.Ş

PROJECT NAME: Raindrop Project



THE STORY:

Brisa's Aksaray facility set out to solve a straightforward problem — water scarcity — and ended up restoring an ecosystem. What began as a rainwater pond built purely as a water-saving measure was found, upon initial scientific assessment, to be a functioning ecosystem operating at critically low oxygen levels, which had impaired its natural processes. The project's scope was accordingly expanded from water storage to ecosystem restoration. A hydraulic oxygenation system was installed to restore dissolved oxygen, addressing an ongoing biological pollution load introduced primarily through bird activity. In place of chemical treatment, Brisa worked with Aksaray University's fisheries faculty to introduce local fish species suited to the region's climate range of -18°C to +40°C. Species were selected to establish a self-regulating balance between populations, reducing the need for active management. As a result, the pond now functions as a stable, self-sustaining system: recovered water is reused for irrigation, in the facility's cooling tower, and in production processes, while the pond has become a habitat supporting migratory bird populations along Aksaray's flyway. A further phase, in collaboration with the university, involves trialing water plants capable of absorbing pollutants, including heavy metals, from the ecosystem. The model's key distinction from conventional treatment approaches lies in its sequencing: ecosystem restoration precedes biological intervention, which in turn reduces reliance on ongoing chemical or mechanical treatment.



THE IMPACT:

Key Result 1:

Water quality — fecal coliform levels reduced from 214 times the legal discharge limit to zero (baseline year: 2021; monitored on an ongoing basis).

Key Result 2:

Water recovery — approximately 54,000 m^3 of water recovered and reused annually for irrigation, the facility's cooling tower, and production processes.

Key Result 3:

Biodiversity — the pond became an active habitat for local fish species and migratory birds along Aksaray's flyway, with a measurable increase in observed biodiversity.

Additional Result

Financial and emissions impact — estimated annual financial benefit of approximately USD 35,000–40,000 (from recovered water and avoided treatment costs), against a capital investment of approximately USD 10,000 for the oxygenation and monitoring system, with an estimated Scope 3 emissions reduction of ~0.02 tCO2e/year. The project also contributed to Brisa's CDP Water Security 2023 score of 'A' (Leadership band).

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The transferable asset is not the pond itself but the underlying methodology: survey the water body as a living ecosystem, restore oxygen before any biological intervention, and select species with a local university partner to establish a self-regulating balance. Proven across Aksaray's extreme -18°C to +40°C climate range, this approach is designed to be reproduced with different native species in other climate zones, wherever a company holds an industrial water body and access to aquatic-science expertise. Brisa is pursuing collaboration with Türkiye's Ministry of Agriculture and Forestry on national water policy, and joint TÜBİTAK/Horizon Europe research applications with Aksaray University following the project's next phase. The project also has international scaling potential.



THE BIGGER PICTURE:

This project demonstrates that industrial water infrastructure can be restored as a functioning ecosystem rather than managed as static storage. By replacing chemical treatment with an ecosystem-based methodology developed with a local university, Brisa's Aksaray facility eliminated a significant water-quality violation, recovers substantial water volumes annually, and created new habitat for local and migratory species — illustrating how Türkiye-based industrial operations can deliver science-driven, nature-positive solutions to water scarcity.

EXECUTIVE VOICE:

Peri Ulusoy:

Environmental Manager of Brisa Bridgestone Sabancı



"The most lasting solutions are built with nature, not against it. This pond in Aksaray showed us that: today, it doesn't just hold water, it calls life back."

COMPANY NAME: Danone Türkiye
PROJECT NAME: Nurturing the Value of Milk

THE STORY:

Nurturing the Value of Milk is a comprehensive initiative that aims to contribute to a more climate-resilient, resource-efficient and sustainable dairy supply chain in Türkiye. Implemented across the Thrace region, it addresses key challenges including water scarcity, soil degradation, climate risks, biodiversity loss, animal welfare and farmers' economic resilience.
The initiative creates synergy by bringing together Sustainable Farm Practices in livestock farming and the Water Stewardship Program in the Lüleburgaz agricultural basin. While the Sustainable Farm Practices have been implemented since 2023 and has already achieved its key performance targets in livestock farming, it was integrated with the Water Stewardship Practices in early 2026 to extend its impact across the dairy value chain.
These practices combine smart irrigation systems, soil moisture sensors, digital water meters, weather stations and digital decision-support tools with regenerative agriculture practices such as reduced tillage, cover crops and optimized fertilization. Farmer development is central to the initiative through training programs, field activities, financial incentive mechanisms and the Leader Farmer Model. By integrating environmental management, regenerative agriculture, digital technologies,



stakeholder collaboration and sustainable livestock production, the initiative supports Danone's ambition to reduce methane emissions from fresh milk production while establishing a scalable and inclusive model for sustainable dairy farming.





THE IMPACT:

Over the past 2 years

The initiative achieved a 47 $ktCO_2e$ reduction in greenhouse gas emissions across farm operations. strengthening farmers' capabilities and supporting the adoption of more sustainable and efficient farming practices.

Milk yield per animal increased by 11%, reflecting improvements in herd management and production efficiency.

We have analyzed 130,000 milk samples and reached 1,000 farmer through training on milk quality, animal welfare, herd management, digitalization and financial literacy.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The initiative has strong potential to inspire across different dairy-producing regions by bringing together regenerative agriculture, water stewardship, sustainable farming practices and digital solutions within one integrated model. Rather than addressing these areas separately, the project takes a whole value-chain approach, from feed production and farm practices to milk sourcing. An important component of the model is direct, field-level support to farmers, including agronomic guidance from agricultural engineers, training and data-driven solutions that help farmers adopt more efficient and sustainable practices. By combining environmental impact with farm productivity, farmer resilience and stronger local partnerships, the initiative demonstrates how sustainability can create value for both farmers and the business.



THE BIGGER PICTURE:

As a B Corp certified company, Danone sees sustainability as an integral part of its business strategy and believes that our responsibility extends beyond our own operations and factory gates. In Türkiye, as being the first multidisciplinary sustainability project, Nurturing the Value of Milk initiative brings this commitment to life by supporting the natural resources, farming practices and communities that sustain the local dairy ecosystem. Ultimately, our ambition is to create long-term value for Türkiye by contributing to more resilient farmers, more sustainable production and a stronger dairy ecosystem for the future.

EXECUTIVE VOICE:

Dr. Ediz Aksoy
Danone Türkiye, Central Asia, Caucasus, Middle East & Africa General Secretary Director



"With Nurturing the Value of Milk initiative, we are working to strengthen the dairy ecosystem through an integrated approach. By bringing together more sustainable feed production, responsible management of water and soil, animal health and welfare, and farmer capability, we aim to support a more resilient and sustainable future for milk in Türkiye."

COMPANY NAME: Borusan EnBW Enerji

PROJECT NAME: Social Contribution and Carbon Reduction Project via Natural Grazing at Solar Power Plants

THE IMPACT:

Key Result 1:

7.99 tonnes of carbon emissions reduced by minimizing the use of fossil-fuel-powered mowing equipment

Key Result 2:

TRY 2,558,000 in avoided vegetation-management costs, compared with an estimated TRY 4,000,000 outsourced mechanical maintenance cost

Key Result 3:

Approximately TRY 1,000,000 in feed-cost savings for local livestock breeders in 2025

Additional Result

Approximately 3,000 bales of mown grass were collected and used by livestock farmers. No chemical herbicides have been used for vegetation control since the Saros SEPP became operational.



THE STORY:

Borusan EnBW Enerji launched the Natural Grazing for Social Contribution and Carbon Reduction Project in June 2025 at the Saros Wind and Solar Power Plant in Çanakkale, Türkiye. The initiative transforms vegetation control at solar power plants into a nature-based, circular and locally inclusive land-management model. Instead of relying primarily on fossil-fuel-powered mowing equipment or chemical herbicides, sheep and lambs belonging to local breeders graze in suitable areas under controlled conditions. Mechanical mowing is limited to areas containing vegetation that animals cannot consume. Critical infrastructure, including transformer areas and cable channels, is protected with physical barriers, while water and shaded areas support animal welfare. The model helps maintain vegetation at safe levels, protects solar-panel performance, reduces dry-grass accumulation and associated fire risk, and lowers emissions from mechanical maintenance. It also supports local livestock breeders by reducing feed costs and creates value from biomass that would otherwise require removal. By combining renewable-energy operations, biodiversity-conscious land management, rural livelihoods and cost efficiency, the initiative offers an adaptable alternative to conventional vegetation-management practices.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Developed as part of Borusan EnBW Enerji's operations in Turkey, this model demonstrates how vegetation management at solar power plants can be redesigned as a nature-based solution tailored to local conditions. While the implementation is currently focused on Türkiye and has not yet been scaled up internationally, the underlying model is transferable to solar power plants in other markets where land conditions, vegetation, facility design, safety requirements, and local livestock farming systems are compatible. Its strength lies not in a "one-size-fits-all" approach, but in an adaptable implementation framework that integrates operational safety, controlled grazing, biodiversity considerations, and local economic participation.

THE BIGGER PICTURE:

This project demonstrates that Türkiye can contribute to the green transition not only by generating electricity from renewable sources but also by redesigning operational practices related to renewable-energy assets. Combining emission reduction, biodiversity-conscious land management, cost efficiency and support for rural livelihoods, the model provides an adaptable implementation framework that may inform comparable solar power plant operations in other markets, subject to local safety, ecological and livestock-farming conditions.

EXECUTIVE VOICE:

Enis Amasyalı

General Manager of Borusan EnBW Enerji



"We approached site maintenance not only as a technical operation, but as a circular-economy opportunity that brings together carbon reduction, biodiversity-conscious land management and local development. This practice demonstrates how renewable-energy generation and agricultural and livestock activities can be managed in mutually supportive ways."

COMPANY NAME: Eurotex Tekstil

PROJECT NAME: Circular Filament: From Waste to Waterless Color



THE STORY:

Eurotex's Circular Filament program turns production waste from filament yarn manufacturing into valuable raw material instead of discarding it. Waste generated during the production of polyester and polyamide filament yarn is reprocessed into new yarn. This reduces the need for virgin raw materials and returns production surplus to the economy rather than sending it to the environment. The program also departs from conventional methods in its dyeing stage. In Eurotex's "Waterless Dyeing" process, known as dope dyeing, color is added to the polymer before the yarn is formed, so no water is needed for dyeing. This significantly reduces water use in one of the most water-intensive stages of textile production. Overall, Eurotex presents a production model that reduces the use of virgin raw materials, minimizes waste, and protects water resources. The model demonstrates how textile-to-textile circularity and the NoWater approach can be implemented together.



THE IMPACT:

Key Result 1:

Dope dyed yarn production has been progressively increased since its launch and reached 300 tons per month as of 2026.

Key Result 2:

Compared with conventional dyeing, avoiding 50 liters of water per kilogram of yarn has resulted in water savings of approximately 15,000 m³ per month. (Measurement period: 2025–2026)

Key Result 3:

Compared with conventional dyeing, dye usage has been reduced by approximately 7.5 tons per month on average (Measurement period: 2025–2026).

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Eurotex's Circular Filament program was developed and implemented at its production facility in Tekirdağ, Türkiye. Filament yarn production waste is reprocessed into new yarn, and the dope dyed (waterless) process eliminates water use in coloring. This combines textile-to-textile circularity with water savings in a single process. The yarns produced in Tekirdağ are supplied to customers abroad, so the facility contributes to the company's international business and supply chain. The model shows that a Türkiye-based facility can reduce both virgin raw material use and water consumption while serving international markets.



THE BIGGER PICTURE:

Eurotex's Tekirdağ facility shows that textile manufacturing can reduce its reliance on virgin raw materials and water at the same time. By reprocessing production waste into filament yarn and coloring it at the polymer stage, Eurotex achieves significant water savings while supplying customers abroad. This demonstrates how Türkiye's industrial base can contribute to the global green transition in a practical, measurable way.

EXECUTIVE VOICE:

Ayşe Çelikyılmaz

CEO of Eurotex Tekstil



"Through our Circular Filament program, we turn production waste back into yarn and, with our dope dyed waterless process, largely eliminate water use in coloring. This shows that sustainable manufacturing is achievable both environmentally and economically."

COMPANY NAME: HSBC Bank A.Ş.

PROJECT NAME: Turkcell's Inaugural Sustainable Bond – USD 500 million 7-Year Sustainable Eurobond

THE STORY:

In Jan'25, Turkcell successfully accessed the international capital markets with a USD 1bn dual-tranche Eurobond issuance, comprising a USD 500m five-year tranche and a USD 500 million seven-year tranche. The seven-year tranche, sized at USD 500m with a 7.65% coupon, represented Turkcell's inaugural Sustainable Bond, issued under the company's 2024 Sustainable Finance Framework, which is aligned with internationally recognized guidelines and principles. The transaction was structured in RegS/Rule 144A format, providing access to a broad international investor base. The Sustainable Bond proceeds are intended for the financing and refinancing of eligible green and social projects in accordance with Turkcell's Sustainable Finance Framework. The framework provides a dedicated structure for directing capital raised in the international debt capital markets towards projects and investments that contribute to the company's sustainability objectives.

HSBC acted as Joint Bookrunner and Sole Sustainability Structurer, supporting Turkcell in bringing its inaugural Sustainable Bond to the international capital markets and in aligning the transaction with its sustainable finance framework. The transaction represents an important evolution in Turkcell's approach to sustainable finance by moving beyond green and sustainability-linked bank financing and accessing the dedicated sustainable bond investor base in the international capital markets. The successful execution of the transaction also demonstrated the ability of a leading Turkish telecommunications company to combine its long-term funding requirements with a dedicated sustainable financing instrument and reach international investors through a RegS/144A offering.



THE IMPACT:

Key Result 1:

USD 500m of sustainable financing mobilized.

Key Result 2:

The issuance translated Turkcell's 2024 Sustainable Finance Framework into its first international Sustainable Bond, creating a dedicated capital markets funding channel for eligible sustainable investments.

Key Result 3:

The seven-year tenor provides a long-term financing horizon for eligible green and social projects, supporting the alignment between Turkcell's funding strategy and its sustainability objectives.

Additional Result

The transaction demonstrates how sustainability considerations can be embedded into a company's international debt capital markets strategy, creating an alternative source of long-term funding for sustainable investments.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Turkcell's inaugural Sustainable Bond demonstrates how a leading Turkish company can use the international capital markets to mobilize funding for sustainable investments and connect Türkiye's sustainability agenda with global institutional investors.

The transaction combines Turkcell's 2024 Sustainable Finance Framework with an international RegS/Rule 144A bond issuance, creating a structure through which eligible green and social projects in Türkiye can access a global pool of capital.

The USD 500m seven-year Sustainable Bond also demonstrates the growing role of sustainable finance in Türkiye's international capital markets. Rather than relying exclusively on traditional corporate borrowing, Turkish companies can use dedicated sustainable bond structures to broaden their investor base and direct capital towards eligible sustainability-related investments.

HSBC's role as Joint Bookrunner and Sole Sustainability Advisor brought together capital markets execution capabilities and sustainability expertise, supporting Turkcell in accessing the international sustainable bond market for the first time.

Beyond the individual transaction, the issuance provides a potential reference model for other Turkish corporates seeking to combine international capital markets access, long-term funding and sustainability objectives within a single financing framework.

Kale

COMPANY NAME: Kaleseramik Çanakkale Kalebodur Seramik Sanayi A.Ş.
PROJECT NAME: Turn tile factory waste into circular raw material



THE IMPACT:

Key Result 1:

85.631 tonnes of manufacturing waste used annually in place of an equivalent quantity of virgin mineral (verified through 2025).

Key Result 2:

427 tCO2e avoided per year through displaced raw-material preparation and haulage (verified through 2025).

Key Result 3:

110.121.268 TL in annual savings across raw materials, energy, operations and avoided disposal.

Additional Result
200.410 kWh of electricity and 126.584 litres of fossil fuel were avoided annually; 41.000 tonnes/year of filter cake recovered from a zero baseline.



THE STORY:

Ceramic tile production generates dust, unfired scrap, fired scrap and wastewater treatment filter cake. At Kaleseramik's Çan plants, these streams were historically disposal liabilities. Since 2019, Kaleseramik has redesigned the system as a closed loop: each stream is characterised, conditioned and returned to tile body recipes as secondary raw material. Dust and unfired scrap return directly; fired scrap is crushed and reintroduced at controlled ratios; and filter cake, previously considered unrecoverable, is conditioned to the density required by the recipe. An upgrade to the wastewater treatment plant unlocked 41,000 tonnes of filter cake annually. Fully enclosed screw conveyors replaced open dust transport, removing capacity, dust and blockage constraints. Recovered material directly displaces quarried minerals and therefore avoids the associated crushing, screening, grinding and haulage. The model also accepts characterised legacy stockpiles, converting an accumulated liability into a raw-material reserve. Embedded in the strategic plan, ISO 14001 procedures and routine management reporting, the practice has been replicated at the Semedeli and Yerköy plants in Türkiye.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The model was developed at Kaleseramik's Çan operations and has already been replicated at the Semedeli and Yerköy plants in Türkiye, demonstrating a repeatable site transfer pathway. Although international replication is not yet claimed, the method is applicable to ceramic and heavy-clay manufacturers worldwide that control body preparation and wastewater treatment. Its most transferable insight is that both current waste and legacy stockpiles can be characterised as recipe inputs. EPD aligned life cycle data also makes the Türkiye developed performance visible to international customers and value chains.

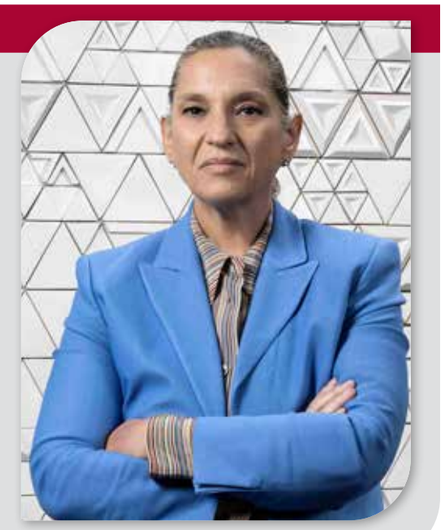
THE BIGGER PICTURE:

Türkiye's industrial plants can act as laboratories for scalable circular manufacturing. By treating waste as a specified raw material, the Çan model simultaneously reduces virgin extraction, emissions, operating cost and supply risk creating a practical blueprint for resource intensive manufacturers in other markets.

EXECUTIVE VOICE:

Zeynep Bodur Okyay
President and CEO of Kale Group

"Circular production starts by redesigning waste as a raw material. The closed-loop model developed in Çan reduces virgin resource use, emissions and cost at the same time, demonstrating how industrial experience from Türkiye can create value at global scale."



COMPANY NAME: Kaleseramik Çanakkale Kalebodur Seramik Sanayi A.Ş.
PROJECT NAME: INNOVATILE: Semi-Wet Granulation for Low-Carbon Tile Production



THE STORY:

Conventional porcelain tile bodies are wet-milled and spray-dried. At Kaleseramik, wet milling and spray drying account for 34% of plant energy use and 95% of water use, while evaporating the slip's water drives 32% of direct CO2 emissions. INNOVATILE, launched in 2024 under the EU Interreg NEXT MED programme, changes body preparation before the dryer. 15% to 20% of selected raw materials (including ceramic waste, glass cullet, industrial by-products and alternative fluxes) are dry milled without water. This powder is blended with wet-milled slip in a high-speed mixer, increasing solids content from a 63% baseline to 66-68.5% in laboratory work, with 69% specified for the process. Less water entering the spray dryer means less gas burned at 550°C. The dry branch also enables secondary materials to replace feldspar and clay. Candidate inputs are characterised by XRF, XRD, particle-size and thermal analysis before recipe integration. Kaleseramik is the idea owner, end user and industrial pilot operator within a six-country consortium, translating academic results into production-line validation while preserving porcelain tile quality.

THE IMPACT:

Key Result 1:
24.80% lower direct CO2 per tonne of dried ceramic powder in comparative laboratory/pre-assessment LCI: 76.36 kg versus 101.54 kg (2023 conventional baseline).

Key Result 2:
24.36% lower spray-dryer natural gas per tonne of dried powder: 27.92 kg versus 36.91 kg in comparative LCI.

Key Result 3:
Target: more than 40% reduction in feldspar use through ceramic waste, glass cullet and alternative fluxes during the 36-month project.

Additional Result
EUR 2.8 million project budget, 89% EU co-funded; fired laboratory samples met porcelain tile criteria (0.04-0.09% water absorption).

Total budget
2,8 M

EU Contribution
89%

Project duration
36 months
August 2025
August 2028

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

INNOVATILE is a six-country Mediterranean collaboration spanning Türkiye, Spain, Italy, Cyprus, Tunisia and Egypt. Kaleseramik's Türkiye team originated the semi-wet preparation concept, serves as idea owner and end user, and hosts the industrial pilot that converts laboratory findings into production-line evidence. Spanish and Italian partners support technical validation and environmental assessment, while universities and a regional technopark provide knowledge-transfer routes. Once industrial validation is complete, the technology and secondary-raw-material inventory are designed for replication across Mediterranean and global porcelain-tile markets.

THE BIGGER PICTURE:

Türkiye is not only adopting low-carbon industrial technologies; it is originating, piloting and validating them for international transfer. By hosting the real-production test and integrating academic knowledge into an industrial line, Kaleseramik turns Türkiye's manufacturing capability into shared transition know-how for a global hard-to-abate sector.

EXECUTIVE VOICE:

Zeynep Bodur Okyay
President and CEO of Kale Group



"The most effective way to transform a carbon-intensive process is to redesign it at source. Our semi-wet granulation approach developed in Türkiye shows that equivalent product quality can be achieved with less water, energy and critical raw materials - and shared internationally."

Kale

COMPANY NAME: Kale Group of Companies.
PROJECT NAME: : İbrahim Bodur Social Entrepreneurship Programme (İBSG)



THE STORY:

Social enterprises in Türkiye address problems that neither market mechanisms nor public institutions have resolved, including rural education, food waste, accessibility, women's economic participation, circular production, water and disaster recovery. The infrastructure supporting them, however, remains limited. Funding is typically short-term and irregular, and enterprises lacking visibility frequently cease operations before they are able to demonstrate the viability of their model. Kale Group's response was to establish a long-term commitment to the field. Founded in 2017 and named after the group's late founder, İBSG began as an awards programme and now comprises four components: the award programme itself, a standing community of finalists and winners, open convenings for the wider ecosystem, and an academy for those entering the field.
The programme is distinguished by two characteristics. The financial award represents only one element of the support provided; visibility, credibility, mentoring and partnership access are equally significant for a small enterprise, and considerably harder to secure independently. One award category is reserved specifically for cross-sector collaboration. The programme has also operated every year since its establishment, including throughout the pandemic, the earthquakes and successive periods of economic volatility. In an ecosystem characterised by short funding cycles, this continuity constitutes a material part of the value delivered.



BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

IBSG represents a Türkiye-originated model of sustained corporate commitment to social entrepreneurship, and its international position has developed from that record. Kale Group became the first Turkish signatory — and one of the first twelve companies globally — of the Rise Ahead Pledge, an initiative of the World Economic Forum and the Schwab Foundation, alongside international technology, retail and life sciences companies. A number of IBSG Fellows are nominated annually for the Schwab Foundation Awards, and Fellows currently maintain operations in more than five countries and eighteen cities. The programme structure is transferable to markets where comparable long-term institutional support is limited.

THE IMPACT:

Measurement period: 2017–2026 (ten cycles)

Key Result 1:

112 enterprises have reached the finals and hold Fellow status; 36 have received awards. Participation continues beyond the award ceremony: Fellows are matched with individual Kale brands and business units, introduced to one another and to the group's supplier and institutional network.

Key Result 2:

Analysis of the programme's ten-year data shows that environment and circular economy has moved from a marginal presence before 2021 to a sustained share of roughly one in five candidates, held consistently over six consecutive years, with SDG 12 now among the three most frequently cited goals.

Key Result 3:

The programme has completed every cycle since 2017, and more than TRY 100 million has been committed by Kale Group companies through the family foundation. Independent external impact assessments are commissioned every five years, most recently in 2026, examining results at individual, enterprise and ecosystem level.

Additional Result

Applications reached a record 563 in the tenth year, an increase of 51%, drawn from 52 provinces — the widest distribution to date, against a cumulative 72 of Türkiye's 81 provinces. Kale Group was the first Turkish signatory of the WEF and Schwab Foundation's Rise Ahead Pledge, and nominates Fellows annually for the Schwab Foundation Awards.



THE BIGGER PICTURE:

In Türkiye, the principal constraint on environmental and social progress has often been continuity rather than capital. Ten consecutive years of programme delivery, maintained through the pandemic, the earthquakes and successive economic shocks, coincided with the environment and circular economy establishing itself as a sustained area of activity among candidates. Long-term institutional commitment supports not only individual solutions, but the conditions under which a field can develop.

EXECUTIVE VOICE:

Zeynep Bodur Okyay
President and CEO of Kale Group



"In our first ten years, we focused on supporting social entrepreneurs. In the period ahead, our aim is to contribute more to the development of the social entrepreneurship ecosystem. What we need today is not simply more good ideas — it is an ecosystem strong enough for those ideas to grow in."

COMPANY NAME: Mutlu Akü

PROJECT NAME: Mutlu Scrap Battery Recycling Facility Modernization Project

THE STORY:

The project aims to modernize Mutlu Akü's recycling facility and support a circular economy model in which recovered materials are reused in battery manufacturing.
The investment addresses the need to recover more materials from end-of-life batteries, improve secondary raw material quality and enhance resource efficiency by using recovered materials in production.
The project will upgrade battery breaking and separation, smelting and refining processes through innovative solutions and best available techniques. Moving beyond conventional recycling practices primarily focused on lead, it aims to recover other valuable metals, including tin and antimony.
Desulfurization and crystallization processes are intended to reduce waste while producing sodium sulfate as a usable by-product.
Improvements in plastics recycling will increase polypropylene granule recovery efficiency and quality consistency, supporting their reliable use in battery component manufacturing.
The project's distinguishing feature is its integration of the facility's technological transformation with the company's raw material supply and manufacturing model. By returning materials recovered in Gediz to battery production, it creates a whole system that converts waste into economic value, keeps materials in circulation and strengthens raw material supply.



PROJECT TARGETS:

Renewable energy and carbon footprint: The project aims to reduce the carbon footprint associated with grid electricity by using solar energy in production. The technical feasibility and installed capacity of the solar power system will be determined following an assessment of suitable options during the installation phase.

Employment growth: Direct employment at the facility is expected to approximately triple compared with the current level.

Production and resource efficiency: Upgraded technological infrastructure and enhanced automation are expected to improve process efficiency, reduce material losses and enable more effective use of recovered raw materials in production.

Energy efficiency: Modernization aims to reduce energy consumption per unit of production. Expected savings will be quantified during implementation, and actual performance will be assessed after commissioning against comparable operating data from the existing facility.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The project adapts internationally established battery recycling technologies (BATs) to Mutlu Akü's operational needs in Türkiye, using battery breaking, refining, metal recovery, desulfurization and crystallization processes.
It aims to increase overall material recovery by approximately 30%, recovering lead and other valuable materials for productive use.
Türkiye's contribution lies in developing local recovery capabilities and strengthening secondary raw material supply for Mutlu Akü's domestic and international battery activities.
Following commissioning and performance validation, the project could serve as a reference for similar investments in other markets, subject to local requirements.

THE IMPACT:

Key Result 1:
198,000 tonnes/year
Waste lead-acid battery processing capacity

Key Result 2:
12,000 tonnes/year
Polypropylene recycling capacity

Key Result 3:
60 tonnes/day
Processing capacity for tin and antimony recovery

Additional Result
Sulfate recovery: Conversion of sulfate removed during desulfurization into recoverable sodium sulfate crystals
Overall material recovery rate: Increase from approximately 60% to 93% of battery weight
Additional material recovery: 330 kg per tonne of waste batteries processed
Residual waste per tonne processed: Approximately 82.5% reduction, from 400 kg to 70 kg



THE BIGGER PICTURE:

The Gediz project demonstrates Türkiye's role in advancing Mutlu Akü's green transition by turning end-of-life batteries into valuable resources.
Beyond lead recovery, the planned recovery of tin, antimony and other valuable materials strengthens circular production and raw material supply resilience.
The investment highlights how capabilities developed in Türkiye can create greater value from waste, improve environmental performance and support the company's domestic and international battery operations.

EXECUTIVE VOICE:

Özlem Gecikli
Vice President of Supply Chain of Mutlu Akü



"The Mutlu Recycling Facility Modernization Project transforms scrap batteries into valuable raw materials. Using best available techniques, we aim to reduce energy consumption and waste per production unit, improve material recovery and ensure safer working conditions. This investment in Türkiye will support our international supply chain's regulatory compliance and resilience."

COMPANY NAME: Nestlé Türkiye

PROJECT NAME: Nestlé Türkiye Regenerative Agriculture Project



THE IMPACT:

Key Result 1:

More than 100 farmers have been engaged in regenerative agriculture practices, becoming active stakeholders in the transformation process.

Key Result 2:

Regenerative agriculture practices have been implemented across approximately 500 hectares of agricultural land dedicated to wheat production in Balıkesir and corn production in Manisa.

Key Result 3:

The model has been structured for implementation across wheat and corn value chains, establishing a scalable framework to support the future expansion of regenerative agriculture practices to additional crop groups and production systems.

Additional Result

Examples may include reduced or avoided emissions, renewable energy generated, energy or water savings, waste prevented or recovered, investment amounts, the number of suppliers or employees reached, productivity gains, or other measurable environmental, economic, or social outcomes.

THE STORY:

Nestlé Türkiye's Regenerative Agriculture Project (Onarıcı Tarım Projesi) is a holistic transformation model that addresses soil health, natural resources, farmer resilience, and sustainable raw material sourcing in an integrated manner, with the aim of strengthening the long-term resilience of food systems.

Initially implemented in the wheat value chain in Balıkesir and the corn value chain in Manisa, the project aims to enhance the resilience of agricultural production to the impacts of climate change by adapting regenerative agriculture principles to the specific needs of different crops, regions, and production conditions. Building on field experience and lessons learned, the project is expected to expand over time to additional crop groups, regions, and value chains.

Through practices such as cover cropping, reduced tillage, and integrated pasture management, the project seeks to preserve soil productivity, improve water-use efficiency, and support biodiversity. At the heart of the model are locally adapted agricultural practices developed in close collaboration with farmers.

Nestlé Türkiye therefore approaches regenerative agriculture not merely as a set of environmental practices, but as a value chain transformation that brings together long-term farmer resilience and the sustainable, reliable sourcing of agricultural raw materials.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The model developed in Türkiye has the potential to be replicated and scaled up in other markets with similar agricultural conditions.

THE BIGGER PICTURE:

Nestlé's global commitment to sourcing 50% of its raw materials from farms adopting regenerative agriculture practices by 2030 is being translated into a concrete implementation model across Türkiye's wheat and corn value chains, adapted to local agricultural production conditions. Implemented in wheat production in Balıkesir and corn production in Manisa, the model demonstrates how regenerative agriculture principles can be applied in the Turkish context through locally tailored practices developed in close collaboration with farmers. Building on field experience and lessons learned, the initiative aims to adapt these practices to additional crop groups and production systems over time, enabling the model to be scaled up and implemented more widely.

EXECUTIVE VOICE:

Bernie Stefan - **CEO of Nestlé Türkiye**



"We see regenerative agriculture not simply as an environmental practice, but as a strategic transformation area that strengthens the long-term resilience of agriculture and food systems. Through the model we are developing across the wheat and corn value chains in Türkiye, we aim to strengthen soil health, farmer resilience and sustainable raw material sourcing, while scaling this approach more broadly over time."

COMPANY NAME: Nestlé Türkiye

PROJECT NAME: Nestlé Türkiye Genç İşi Tarım Project



THE STORY:

Genç İşi Tarım is a long-term platform developed by Nestlé Türkiye to accelerate generational transformation in Türkiye's food system and cultivate a new generation of agricultural entrepreneurs, guiding young people on their journey from youth engagement to entrepreneurship. The program takes a holistic approach to addressing the barriers that prevent young people from entering the agriculture and food sector, including skills gaps, limited access to opportunities, ecosystem connections, financing, and perceptions of the sector's future.
The journey begins with university and field engagement activities and continues through digital training, skills development, an Idea Marathon, incubation, mentorship, market validation, and seed funding support. This approach positions young people not merely as the sector's future workforce, but as a new generation of agricultural entrepreneurs developing innovative solutions driven by technology, sustainability, and regenerative agriculture.
In 2026, more than 2,000 young people participated in the program, over 290 certificates were awarded, more than 50 hours of training were delivered, and over 50 experts contributed to the initiative.Under its five-year roadmap, the program aims to reach more than 20,000 young people and establish a sustainable pipeline of agricultural entrepreneurs.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Genç İşi Tarım is a scalable youth-to-agripreneurship model developed in response to Türkiye's unique youth and agricultural dynamics, with the potential to be adapted to other markets facing similar generational transition challenges. The model integrates youth engagement, skills development, idea generation, incubation, mentorship, financing, and venture development into a single, comprehensive entrepreneurship pipeline. In this context, Türkiye serves not only as the market where the program is implemented, but also as a pioneer market where a new approach to re-engaging young people in agriculture and food systems is developed, tested, and refined.

THE IMPACT:

Key Result 1:

More than 2,000 young people engaged in the program; over 290 participants received certificates, and more than 50 hours of training content were delivered.

Key Result 2:

Over 50 experts and contributors participated in the program's learning, mentorship, and entrepreneurship ecosystem, achieving a participant satisfaction rate of 94%.

Key Result 3:

The Idea Marathon attracted applications from 294 teams, creating a strong pipeline of innovative ideas for young entrepreneurs in the agriculture and food sectors.

Additional Result

Young ventures selected for the program's incubation phase will receive training, one-on-one mentorship, and market validation support throughout a 12-week incubation period. Eight startups will advance to Demo Day, and three startups will receive a total of TRY 1.5 million in seed funding.



THE BIGGER PICTURE:

Genç İşi Tarım is built on the belief that the future of Türkiye's food system will be shaped not only by technology and investment, but also by fostering a new generation of entrepreneurs and integrating them into the sector. Nestlé Türkiye aims to contribute to Türkiye's long-term agricultural resilience and innovation capacity by empowering young people to become active drivers of transformation rather than merely beneficiaries, enabling them to develop innovative solutions in technology, sustainability, and regenerative agriculture.

EXECUTIVE VOICE:

Başak Ünal

Marketing, Corporate Communications and Sustainability Director of Nestlé Türkiye



"For Türkiye's agricultural transformation to be sustainable, we need to strengthen not only today's production, but also tomorrow's producers and entrepreneurs. Through Genç İşi Tarım, we go beyond inviting young people into agriculture by creating an ecosystem where they can turn ideas into solutions and solutions into ventures."

COMPANY NAME: Odea Bank A.Ş.

PROJECT NAME: Odeabank Integrated Green Transformation Financing Model



THE IMPACT:

Key Result 1:

2025: TRY 447 million in green transformation financing provided through sustainable finance products, including the Green Transformation Loan and Green Deposit.

Key Result 2:

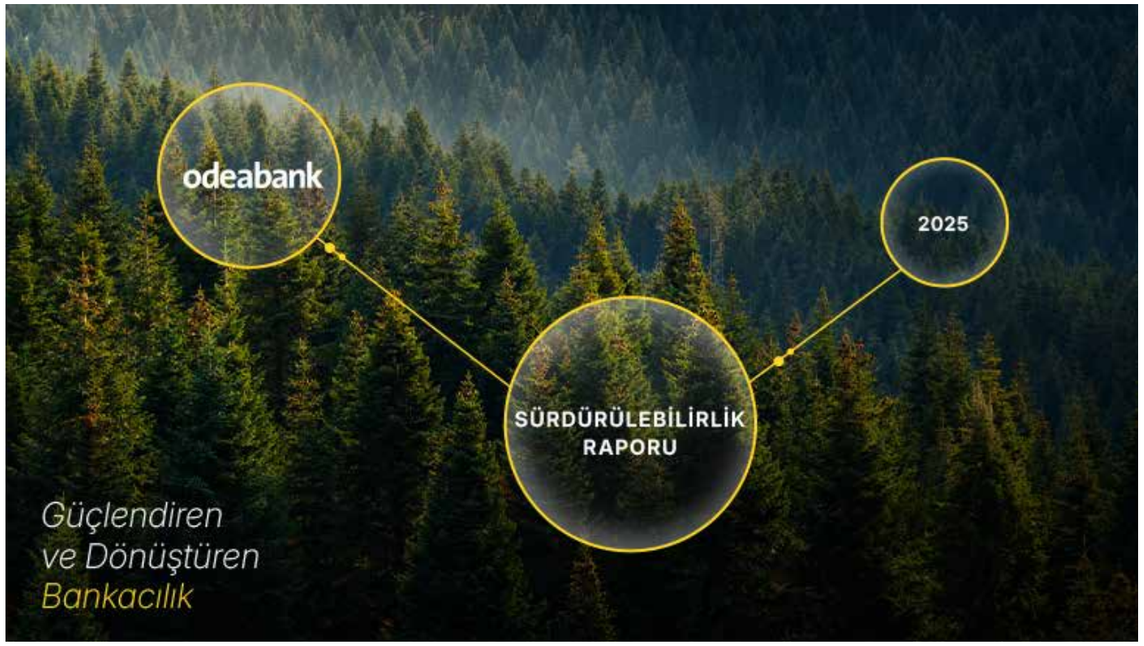
2024: 19 Sustainability Ambassadors participated in the program and received a total of 38 hours of specialized training on climate change, low-carbon transition and sustainable finance.

Key Result 3:

2025: Odeabank became a PCAF signatory, becoming the fourth Türkiye-based bank to join the partnership and strengthening its framework for measuring and managing financed emissions.

Additional Result

The Green Transformation Loan is financed through Odeabank's own resources and prioritizes investments with energy/resource efficiency, renewable energy and emissions-reduction potential.



THE STORY:

Odeabank's Integrated Green Transformation Financing Model supports the transition of real-sector and commercial clients toward lower-carbon and more resource-efficient business models by combining financing, client guidance and climate-impact measurement. At the core of the model is the Green Transformation Loan, financed by Odeabank's own resources and designed to support investments in energy efficiency, resource efficiency, renewable energy and emissions-reduction potential. The eligibility framework also draws on EBRD's Green Economy Financing Facility (GEFF), with equipment listed in the GEFF Green Technology Selector recognized as one of the qualifying criteria for the Green Transformation Loan. The Green Deposit also forms part of Odeabank's broader sustainable finance product offering, while trained Sustainability Ambassadors within client-facing teams help build awareness of sustainable finance and support clients throughout their transformation journey. Beyond providing capital, Odeabank integrates environmental and social risk management and strengthens its financed-emissions measurement capacity through its PCAF commitment. This creates an integrated implementation model in which capital allocation, client capability building, risk management and climate-impact measurement reinforce one another. The approach reflects Odeabank's Responsible Transformation Finance strategy and positions banking as an active enabler of Türkiye's low-carbon transition rather than solely a source of financing.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The model demonstrates how a Türkiye-based bank can combine locally funded green finance, client-facing sustainability capability and internationally aligned carbon-accounting practices in a single implementation framework. While currently focused on Türkiye, its core components—transition-oriented financing criteria, trained client advisers, environmental and social risk integration, and PCAF-aligned financed-emissions measurement—are not market-specific and can be adapted by financial institutions operating in other emerging markets. Türkiye therefore serves as the implementation environment in which the model is being developed, tested and strengthened, creating clear replication and scaling potential internationally.

THE BIGGER PICTURE:

Odeabank's experience shows that Türkiye can serve not only as a market for green finance, but also as a testing ground for integrated transition-finance models that connect capital, client capability, risk management and climate measurement. The model demonstrates how financial institutions can translate global sustainability frameworks into practical solutions tailored to the transformation needs of the real economy.

Odeabank Sustainability Team surdurulebilirlik@odeabank.com.tr

COMPANY NAME: Odea Bank A.Ş.

PROJECT NAME: Odeabank PCAF-Aligned Financed Emissions Measurement and Client Climate Data Program



THE IMPACT:

Key Result 1:

2025 portfolio data / calculation completed in 2026: 80% of Odeabank's total portfolio was assessed, covering all portfolio items calculable under the applicable PCAF methodology.

Key Result 2:

Direct customer emissions data was obtained through customer surveys and publicly available disclosures. These customers represent 42% of the calculated financed emissions.

Key Result 3:

The weighted PCAF data quality score improved by 12.2% compared with the previous year.

Additional Result

The combination of direct customer data representing 42% of calculated financed emissions and coverage of all portfolio items calculable under the applicable PCAF methodology strengthens the depth and robustness of Odeabank's financed emissions assessment.

THE STORY:

Using 2025 portfolio data, Odeabank completed a PCAF-aligned financed emissions measurement covering all portfolio items calculable under the applicable PCAF methodology. The initiative addresses a key challenge in financial-sector decarbonization: measuring portfolio climate impact despite the limited availability of borrower-level emissions data. The calculation covered 80% of the Bank's total portfolio. Direct customer emissions data was obtained through customer surveys and publicly available disclosures, and these customers account for 42% of the calculated financed emissions. Where client-specific data were unavailable, PCAF-aligned physical activity- or economic activity-based estimation methods were applied. Data quality is monitored using PCAF's 1–5 scale, where 1 represents the highest data quality. Odeabank's weighted data quality score improved by 12.2% compared with the previous year. The resulting data set provides visibility into the scale and sectoral concentration of financed emissions and supports TSRS reporting, the Bank's first CDP climate disclosure, and the prioritization of future transition-finance and emissions-reduction efforts.

THE BIGGER PICTURE:

Türkiye can contribute to global financial decarbonization by strengthening the quality and availability of real-economy climate data. Odeabank's PCAF implementation shows how broad portfolio coverage, direct client engagement and systematic data-quality improvement can turn financed-emissions measurement into a practical foundation for transition finance, climate-risk management and portfolio decision-making.

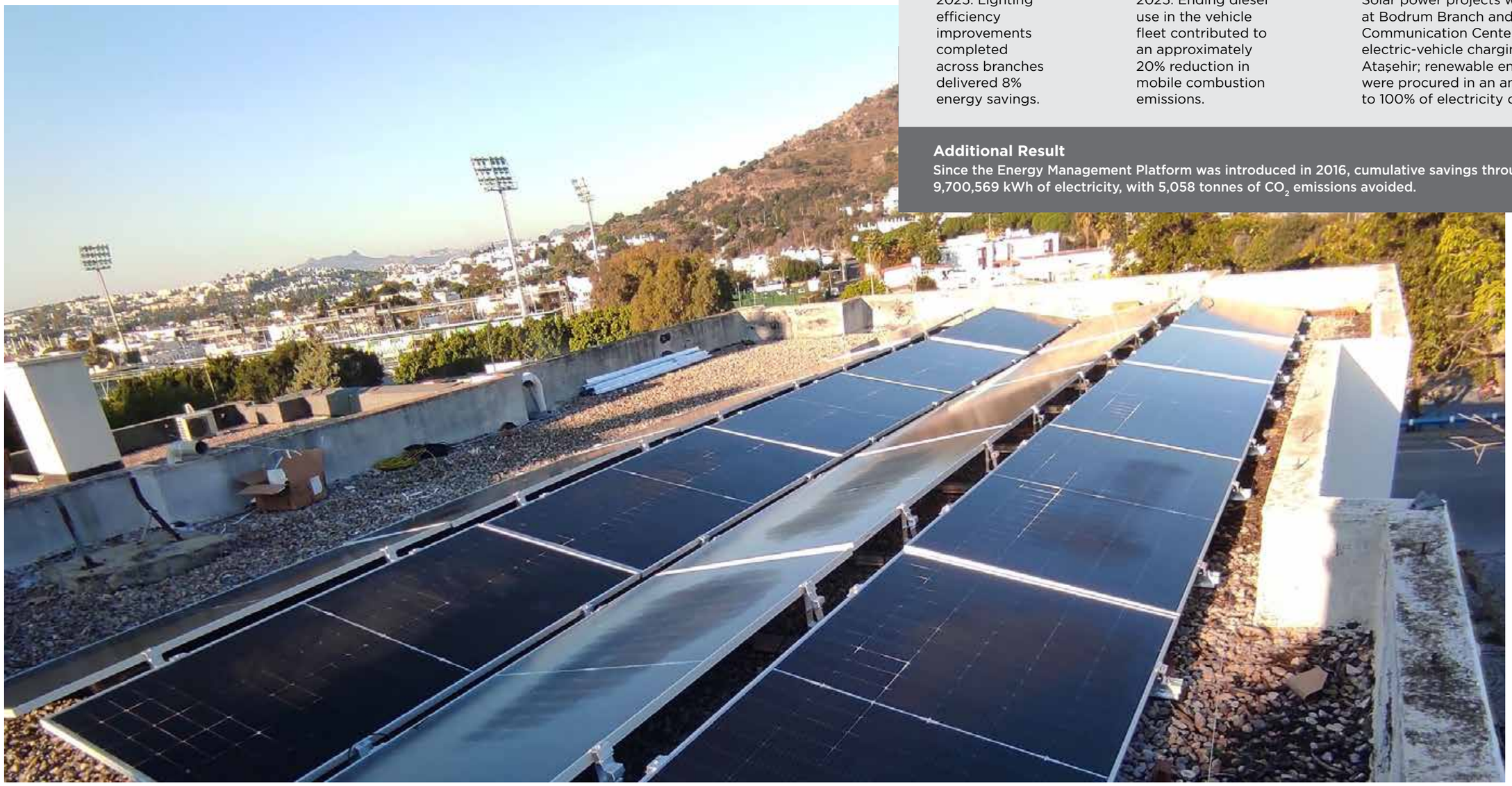
BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Odeabank applies the internationally recognized PCAF methodology within Türkiye's banking and corporate-data environment, combining broad portfolio coverage with direct borrower engagement. The implementation achieved 80% total-portfolio coverage, with direct customer emissions data representing 42% of calculated financed emissions, while the weighted PCAF data quality score improved by 12.2%. This approach demonstrates how global carbon-accounting standards can be operationalized in markets where company-level climate data are still developing and offers a model that can be adapted by financial institutions facing similar data-availability challenges.

Odeabank Sustainability Team surdurulebilirlik@odeabank.com.tr

COMPANY NAME: Odea Bank A.Ş.

PROJECT NAME: Odeabank Operational Green Transformation Program: On-Site Renewable Energy and Maximum Efficiency



THE IMPACT:

Key Result 1:

2025: Lighting efficiency improvements completed across branches delivered 8% energy savings.

Key Result 2:

2025: Ending diesel use in the vehicle fleet contributed to an approximately 20% reduction in mobile combustion emissions.

Key Result 3:

Solar power projects were implemented at Bodrum Branch and Ataşehir Communication Center, alongside an electric-vehicle charging station at Ataşehir; renewable energy certificates were procured in an amount corresponding to 100% of electricity consumption.

Additional Result

Since the Energy Management Platform was introduced in 2016, cumulative savings through 2023 reached 9,700,569 kWh of electricity, with 5,058 tonnes of CO_2 emissions avoided.

THE STORY:

Odeabank has developed an integrated operational green transformation program that combines on-site renewable electricity generation, energy efficiency, resource efficiency and low-carbon mobility across its branch and operations network. Building on its Energy Management Platform, in use since 2016, the Bank monitors branch energy consumption and critical equipment in real time and uses data to optimize performance. In 2025, lighting upgrades across branches delivered 8% energy savings, while ending diesel use in the vehicle fleet contributed to an approximately 20% reduction in mobile combustion emissions. Odeabank also implemented solar power projects at Bodrum Branch and Ataşehir Communication Center and installed an electric-vehicle charging station at Ataşehir. Rainwater use, automation and waste-management practices complement the model. In addition, renewable energy certificates are procured in an amount corresponding to 100% of electricity consumption. The initiative is noteworthy because it combines monitoring, efficiency, on-site generation, mobility and resource-management measures within one operational decarbonization model rather than relying on a single intervention.

THE BIGGER PICTURE:

Türkiye can serve as a practical testing ground for integrated low-carbon operations in financial services. Odeabank's approach shows that distributed branch networks can combine digital energy management, efficiency measures, on-site renewable generation and low-carbon mobility to deliver measurable results and create a practical model with replication potential in comparable markets.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Developed and implemented through Odeabank's Türkiye operations, the program combines real-time energy management with efficiency measures, on-site solar generation, low-carbon mobility and resource-efficiency practices across a distributed banking network. Its modular structure can be adapted to other branch-based financial institutions and service networks facing similar energy-management challenges. The initiative demonstrates how Türkiye-based operations can translate climate ambition into measurable, technology-enabled operational practices and offers a practical model with international replication potential.

Odeabank Sustainability Team surdurulebilirlik@odeabank.com.tr

COMPANY NAME: PepsiCo Türkiye
PROJECT NAME: Biomethanization Facility



THE IMPACT:

Key Result 1:

7.8 million kWh of biomethane produced in 2025.

Key Result 2:

1,430 tonnes of CO_2 emissions avoided in 2025; reported as equivalent to the annual carbon absorption capacity of 65,000 mature trees.

Key Result 3:

Biomethane purified to 99% purity, enabling its use in production lines in place of natural gas.

Additional Result

Approximately TRY 150 million invested, financed entirely through PepsiCo's own resources; a 29-member expert team operates the initiative; launch and communications activities reached 2.4 million people.

THE STORY:

PepsiCo Türkiye commissioned the Biomethanization Facility at its Manisa plant in late 2023 as a corporate, scalable application of its pep+ sustainability strategy. The facility addresses the need to reduce natural gas consumption and greenhouse gas emissions by turning biodegradable food-production residues - including potatoes, chips, starch, oil and wastewater-treatment sludge - into renewable fuel. Organic residues undergo a 25-30-day anaerobic digestion process. The resulting biogas is then purified in the Metajen Unit to produce biomethane at 99% purity, enabling it to replace natural gas in production lines. Built with an investment of approximately TRY 150 million and financed entirely through PepsiCo's own resources, the facility is monitored from a single center through an Industry 4.0-compatible automation system. While biogas production is an established practice, the Manisa model is distinguished by producing high-purity biomethane suitable for direct use as a natural-gas substitute and by expanding its feedstock model beyond the plant. Through collaborations intended to incorporate organic waste from nearby factories, PepsiCo Türkiye is developing the facility from an internal efficiency project into an industrial circular-economy model.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

At PepsiCo's Manisa plant, the Türkiye operation turned an established biogas process into an Industry 4.0-enabled model that upgrades organic food-production waste into 99%-pure biomethane for use in place of natural gas. The model is being broadened through waste-sourcing collaborations with nearby factories, moving from site efficiency toward an industrial circular-economy approach. It has become a reference within PepsiCo's ecosystem; implementation has begun in Portugal, and deployment in additional countries is planned. Türkiye-based engineering teams have also worked with specialists from Germany and Portugal, supporting technical knowledge transfer and scalable replication.

THE BIGGER PICTURE:

PepsiCo's Manisa facility shows how Türkiye can serve as a practical testbed and scaling hub for industrial decarbonization: locally generated organic waste is converted into a high-purity renewable fuel that can displace natural gas and reduce emissions, while cooperation with surrounding industry can extend the model across the value chain. Its transfer to Portugal demonstrates how a solution implemented and advanced in Türkiye can contribute to global green transformation.

EXECUTIVE VOICE:

Esra İren
Corporate Affairs and Sustainability Senior Director of PepsiCo Türkiye



"At our Manisa plant, we transform organic waste into 99%-pure biomethane that can replace natural gas in production. Having generated 7.8 million kWh of biomethane and avoided 1,430 tonnes of CO_2 in 2025, we believe this model can inspire low-carbon transformation from Türkiye across other markets."

COMPANY NAME: Pernod Ricard Türkiye

PROJECT NAME: Bodrum Green (Bodrum Yeşili)

THE STORY:

Bodrum Yeşili is a multi-stakeholder corporate social responsibility initiative led by Pernod Ricard Türkiye to preserve the Bodrum Mandarin and strengthen climate resilience in local agriculture.
Beyond agricultural preservation, Bodrum Yeşili safeguards the intangible cultural heritage, production knowledge, and regional identity passed down through generations. It distinguishes itself from conventional practices by linking climate adaptation directly with local heritage, economic value creation, and community engagement. The initiative integrates local produce into value chains through sustainable tourism and gastronomy. Ultimately, it offers a holistic local climate resilience framework connecting producers, local communities, biodiversity, cultural heritage, and regional economic resilience.





THE IMPACT:

Key Result 1:

Yield of green Bodrum mandarin increased from 3 tons in 2024 to 70 tons in 2025 through project support.

Key Result 2:

Presented the initiative across 5 key industry panels, engaging thousands of participants from academia, public, private, and NGO sectors.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Bodrum Yeşili establishes an adaptable climate resilience model starting from an iconic geographical indicator, the Bodrum Mandarin. Leveraging Türkiye's rich biodiversity, varied climate zones, and agricultural tradition, this initiative transforms a localized solution into a scalable framework. By connecting local producers, cultural heritage, and economic value chains, it offers a transferable approach for regions facing similar climate stress globally.



THE BIGGER PICTURE:

Bodrum Yeşili demonstrates how protecting local agricultural heritage and empowering farming communities serves as a cornerstone for climate resilience. It proves that localized, multi-stakeholder solutions in Türkiye can safeguard biodiversity, local economies, and cultural identity while providing a scalable sustainability blueprint for global climate action.

EXECUTIVE VOICE:

Selçuk Tümay

CEO of Pernod Ricard Türkiye, Africa and Middle East



"Real impact does not happen when companies act alone; it emerges when the public sector, private sector, local authorities, producers, and civil society come together around a shared purpose. The most important achievement of Bodrum Yeşili has been its ability to unite diverse stakeholders behind a common vision and create a sustainable model for local development."

EXECUTIVE VOICE:

Zümrüt Yezdani Kedik

Legal, Communications and External Affairs Director of Pernod Ricard Türkiye



"For us, the Bodrum Mandarin is far more than a fruit. It represents the region's heritage, biodiversity, production culture, and local development potential. Through Bodrum Yeşili, we aim to preserve this legacy while creating a sustainable model that supports local producers, strengthens communities, and can be passed on to future generations."

Philip Morris Türkiye

COMPANY NAME: Philip Morris Türkiye
PROJECT NAME: Renewable Energy / Decarbonization



THE STORY:

Philip Morris Türkiye's manufacturing facility in Torbalı, İzmir, has qualified to receive "Carbon Neutral" certification for its direct operations (Scope 1 and 2) in 2024, alongside the company's manufacturing facilities in Kazakhstan, the Philippines and South Africa. The initiative addressed the need to reduce operational emissions while strengthening long-term energy resilience and efficiency in industrial production.

The program combines renewable energy generation, electrification, heat recovery, and energy-efficiency measures through an integrated decarbonization approach. Since 2017, approximately USD 11 million has been invested in renewable energy and related infrastructure, including a 12,200-panel solar power system and innovative energy recovery technologies. The solar installation generates approximately 9 million kWh of renewable electricity annually, equivalent to the yearly energy needs of around 3,500 households, while avoiding approximately 4,500 tons of CO_2 emissions. Key features include an electric boiler replacing natural gas-based steam generation, avoiding approximately 3,000 tons of carbon emissions annually, solar wall technology that captures and reuses heat, thermal energy recovery from tobacco drying operations and LED lighting upgrades.

Together, these initiatives significantly reduced emissions across manufacturing and logistics activities. Unlike conventional approaches that rely primarily on renewable energy procurement or carbon offsets, this model prioritizes on-site decarbonization through infrastructure investments and operational innovation. Building on this achievement, PMI aims to reach net-zero emissions across its entire value chain (Scope 3) by 2040.

THE IMPACT:

Key Result 1:

~7,500+ tons of CO_2 emissions avoided annually through renewable energy generation, electrification, heat recovery, energy-efficiency projects, enabling the site to achieve carbon neutrality aims across Scope 1 and 2 emissions in 2024, ahead of target.

Key Result 2:

~ 9 million kWh of renewable electricity generated annually through a ~ 12,200-panel solar power installation, equivalent to the annual electricity consumption of approximately 3,500 households.

Key Result 3:

100% renewable electricity sourcing for factory operations, with 15% generated on-site through solar panels and the remaining 85% supplied from other renewable energy sources.

Additional Result

~USD 11 million invested in renewable energy and low-carbon infrastructure since 2017, including solar power, electrification, and energy-efficiency technologies that underpin the site's long-term decarbonization strategy.

THE BIGGER PICTURE:

Türkiye showcases how local innovation can drive global sustainability outcomes. By combining renewable energy generation, electrification, and energy-efficiency technologies, we created a replicable model that contributes to our company's broader net-zero roadmap and long-term climate commitments.



EXECUTIVE VOICE:

Kaan Ünver

Senior Director Corporate Affairs of Philip Morris Türkiye

"Sustainability is not only an environmental responsibility, but also a cornerstone of our business model. With this vision, we are working to reduce emissions across our entire value chain. We were qualified to receive "Carbon Neutral" certification for direct operations (Scope 1 and 2) alongside the company's manufacturing facilites in Kazakhstan, the Philippines and South Africa in 2024, ahead of schedule. We aim to achieve net-zero carbon emissions across our full supply chain by 2040."



COMPANY NAME: Pluxee Türkiye
PROJECT NAME: YANINDA





yanında

Donation Campaign for University Students who were affected by the earthquake on 6th of February

pluxee | stop hunger

THE STORY:

YANINDA is Pluxee Türkiye's social impact platform designed to mobilize the power of its ecosystem to support vulnerable groups through innovative, transparent and scalable solutions. Developed in partnership with NGOs, the platform transforms Pluxee's core products into tools for social inclusion.

Launched in March 2023 in response to the February 6 earthquakes, YANINDA brought together a wide range of stakeholders across the Pluxee ecosystem, including Stop Hunger, NGOs, merchants, clients, consumers and employees, creating a collaborative platform for delivering targeted social aid.

Its first initiative, launched under the platform named "Donation Campaign for University Students Affected by the February 6 Earthquakes," aimed to help students continue their education by addressing food insecurity. Through the campaign, 400 university students whose families lived in the 11 earthquake-affected provinces received mobile meal card support.

Building on this success, YANINDA expanded through the "Back-to-School Support for University Students" project, providing 130 more students with monthly meal card support throughout the academic year.

Leveraging Pluxee's nationwide merchant network and digital infrastructure, assistance is directed exclusively toward food and nutrition needs, ensuring transparency and measurable impact.

Supported by Stop Hunger, a global non-profit network founded by Pluxee, and powered by digital technology, YANINDA demonstrates how an employee benefits solution can be transformed into a scalable social impact model that advances food security, educational continuity and equal opportunities while offering strong potential for replication across different markets and beneficiary groups.

THE IMPACT:

Key Result 1:

400 earthquake-affected university students previously received mobile meal card support for three months through the first YANINDA campaign.

Key Result 2:

Additionally, 130 university students were supported with digital meal cards, providing monthly food assistance for eight months during the second phase of the program.

Key Result 3:

The initiative activated Pluxee's ecosystem of 2 million users, more than 120,000 merchant points, corporate stakeholders, and the global non-profit organization Stop Hunger, creating a collaborative social impact model while strengthening local economies through spending at local restaurants and markets.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

YANINDA demonstrates how a business solution can be transformed into a scalable social impact model. Designed and implemented by the Türkiye team with the support of Stop Hunger, it converts digital meal card infrastructure into a transparent social assistance mechanism. By combining NGO verification, digital payments and ecosystem engagement, the platform addresses food insecurity and financial inclusion challenges. Recognized as a "Making a Difference" initiative at the 2024-2025 Pluxee Global Sustainability Awards, YANINDA was also featured in Pluxee's global sustainability training programs as a best practice. The model can be replicated across other Pluxee markets and beneficiary groups.

THE BIGGER PICTURE:

Türkiye is not only implementing global sustainability commitments but also generating innovative, locally driven solutions with international relevance. Through YANINDA, Pluxee Türkiye transformed its core business capabilities into a scalable social impact model that promotes food security, financial inclusion and stakeholder collaboration, demonstrating how local innovation can create sustainable value for global operations and wider society.



EXECUTIVE VOICE:

Eda Uluca Özcan
CEO of Pluxee Türkiye

"At Pluxee, sustainability is not just about reducing our environmental impact. It's about turning our strengths into lasting value for society. Through our YANINDA Platform, we bring together our digital solutions and extensive network to create a sustainable model of solidarity, supporting the future of young people affected by the earthquake."



COMPANY NAME: Pluxee Türkiye
PROJECT NAME: WeWell – Holistic Employee Wellbeing Program



THE STORY:

WeWell is Pluxee Türkiye's holistic employee wellbeing program designed to support physical, mental, social, financial and professional wellbeing. Developed in response to evolving employee expectations, growing awareness of mental health and the increasing need for flexibility, the program aims to create an inclusive, healthy and high-performing workplace culture.

Rather than offering isolated benefits, WeWell brings together multiple dimensions of employee experience under one framework. The program combines flexible benefits (PluxeeFlex), flexible working practices (PluxeeOnFocus), health and wellbeing support (WeHealth), social engagement initiatives (PluxeExtra), recognition programs (Pluxee Onspot) and continuous learning opportunities (Pluxee Academy). Employees can customize benefits according to their needs while accessing wellbeing services, professional development resources and community-building activities.

What distinguishes WeWell is its integrated and scalable approach. The program links employee wellbeing with inclusion, engagement, learning, retention and business performance. It also extends beyond employees by engaging families, wellbeing partners, merchants and HR leaders, creating a broader wellbeing ecosystem. Through this model, Pluxee demonstrates that investing in people is not only a social responsibility but also a driver of sustainable business success.





THE IMPACT:

Key Result 1:

Employee Experience:
- Employee NPS doubled over in 2 years.
- The employee engagement score increased by more than 25 points in 2 years.

Key Result 2:

Talent & Business Impact:
- Voluntary turnover decreased by 40%.
- Hiring through employee referrals increased by 20%.
- Productivity increased by 15%.
- Project delivery speed increased by 15%.

Key Result 3:

Pluxee was recognized as Türkiye's #1 Best Workplace in 2026 among 600 organizations and received PERYÖN's Leadership Award for Value Given to People.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

WeWell demonstrates how Türkiye operations can transform employee wellbeing into a strategic business capability. Developed and implemented by the Türkiye team, the program combines flexible benefits, wellbeing services, learning opportunities and employee engagement under a single framework. Beyond improving employee experience, the model has evolved into a scalable wellbeing ecosystem involving external partners, merchants and HR communities. Pluxee Türkiye is positioning WeWell as a model that can be adapted across other country operations, leveraging Türkiye's experience to support a global approach to holistic employee wellbeing. Furthermore, the program was recognized as the best initiative in the "Creating Positive Impact on Individuals" category at the Pluxee Global Sustainability Awards in June 2026.



THE BIGGER PICTURE:

WeWell demonstrates that Türkiye is not only implementing global people strategies but also creating innovative models that strengthen wellbeing, inclusion and business performance simultaneously. By integrating flexibility, health, learning and engagement into a single ecosystem, Pluxee Türkiye showcases how employee wellbeing can become a strategic driver of sustainable growth and long-term organizational resilience.

EXECUTIVE VOICE:

Feride Düzduran Gündüz

Chief Human Resources Officer of Pluxee Türkiye



"We see employee wellbeing not as a benefit, but as a foundation of sustainable success. Through WeWell, we have created a holistic model that brings together wellbeing, development, flexibility and inclusion to transform the employee experience."

COMPANY NAME: Renault Group

PROJECT NAME: Lightweight PP-Talc composites with chemical foaming and coreback process for interior trim



THE STORY:

Renault interior trim parts such as pillar trims, cockpit components and large injected parts traditionally rely on talc-filled/mineral filled polypropylene. Novel initiatives are required to achieve more circularity and lightweight as Talc or Mineral usage reached its limits and are subjected to questions of circularity approaches. This R&D initiative combines chemical foaming with a coreback process: a foaming agent in the PP-talc compound expanded during injection process during which simultaneous mold core's back expansion creates a controlled cellular structure with increased thickness. the part is stabilized before it is taken out of the mold. Compared with conventional solid molding, it reduces part weight by up to 25%, is compatible with recycled PP. Material and process parameters are optimized together, and the concept progressed to validated demonstrator parts.

THE IMPACT:

Key Result 1:
Minimum %20 recycle polymer content

Key Result 2:
Part weight reduction: up to 25% (target)

Key Result 3:
Reduced material and energy consumption

Additional Result
Improved sustainability KPIs

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The solution was developed for injection-molded interior trim programs where lightweighting and recycled content are required. It is transferable to other Renault Group interior programs and markets, and its low-pressure molding compatibility makes it applicable to a wide range of trim components.

THE BIGGER PICTURE:

Lightweight, recycled-content interior trim shows how a foamed PP-talc solution can cut vehicle weight, material use and carbon footprint without compromising part performance, creating a model that can be replicated across global vehicle programs. Türkiye contributes to greener automotive manufacturing through advanced polymer processing technologies that can be replicated globally.



EXECUTIVE VOICE:

Lionel Jaillet

CEO, Renault Group Türkiye & Chairman of the Board, Oyak Renault



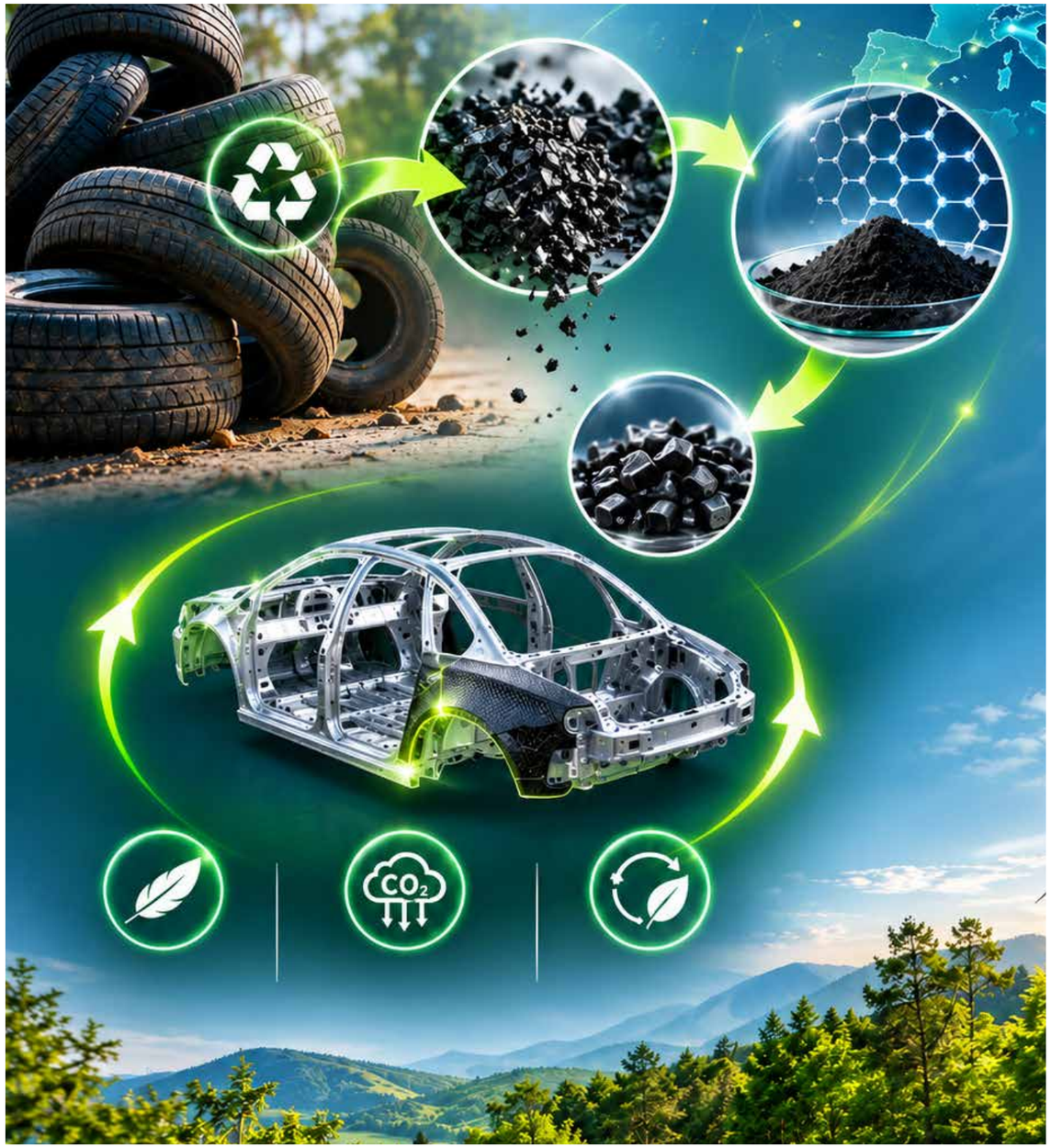
At Oyak Renault, we believe sustainability is not a separate agenda, but a core driver of how we innovate, manufacture, and create long-term value. We are accelerating our green transformation through recycled and bio-based materials, energy efficiency initiatives, circular economy solutions, and Refactory operations that extend vehicle lifecycles. Together, we are not only reducing our environmental footprint but also contributing to Renault Group's decarbonization journey while creating lasting value for our customers, society, and future generations.

COMPANY NAME: Renault Group

PROJECT NAME: Waste Tire-Derived Graphene Nanoplatelets for Lightweight Vehicle Components

THE STORY:

Conventional automotive PP and PA composites rely heavily on glass fiber and mineral fillers, and conventional graphene is too expensive for serial production (above €100/kg). The Project develops automotive composites containing graphene nanoplatelets recovered from end-of-life tires by synthesis. The project converts waste tires into high-value graphene additives through pyrolysis and compounding routes, enabling lighter PP and PA components with improved recyclability and circular-economy performance. Renault demonstrators include Front End Carrier, Exterior and interior trim pillar applications.



THE IMPACT:

Key Result 1:

Component weight reduction: up to 20% (target) / Real Case FAT: 12% PP-Long Glass Fiber material

Key Result 2:

Lower carbon footprint through tire valorization

Key Result 3:

Lower GNP cost versus < conventional graphene prices

Additional Result

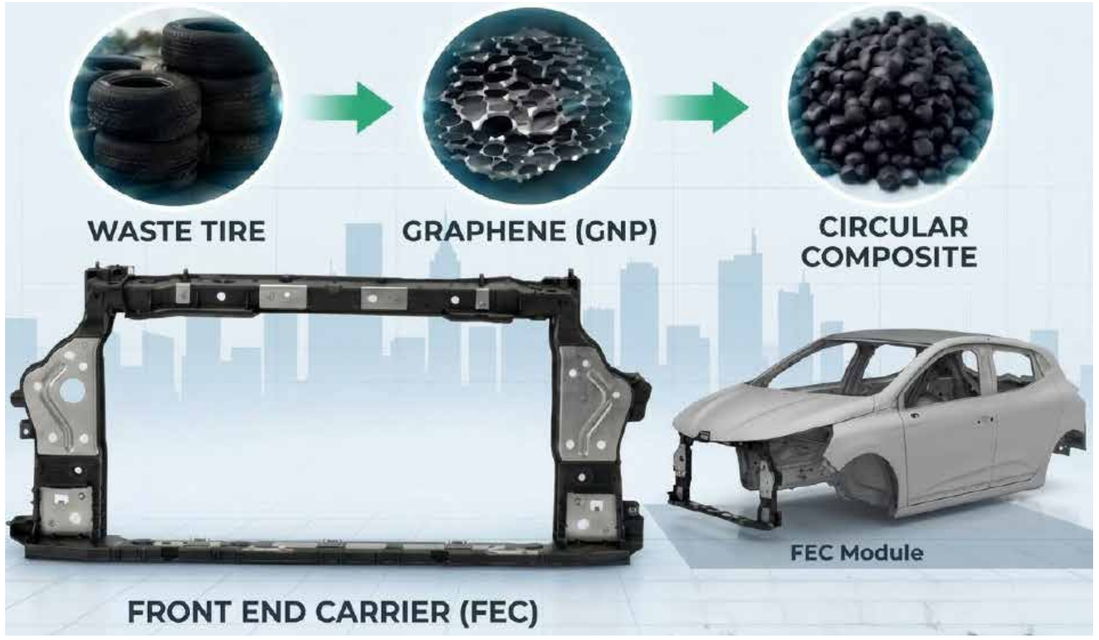
Improved recyclability

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The project combines Renault Türkiye engineering activities with Horizon Europe consortium know-how. Knowledge generated through Turkish operations supports scalable circular-material solutions applicable across European automotive program.

THE BIGGER PICTURE:

Turning end-of-life tires into automotive-grade graphene composites shows how Europe can combine lightweighting, circular economy and lower carbon in vehicle structures, moving from research to validated demonstrator parts.



EXECUTIVE VOICE:

Lionel Jaillet

CEO, Renault Group Türkiye & Chairman of the Board, Oyak Renault

At Oyak Renault, we believe sustainability is not a separate agenda, but a core driver of how we innovate, manufacture, and create long-term value. We are accelerating our green transformation through recycled and bio-based materials, energy efficiency initiatives, circular economy solutions, and Refactory operations that extend vehicle lifecycles. Together, we are not only reducing our environmental footprint but also contributing to Renault Group's decarbonization journey while creating lasting value for our customers, society, and future generations.



COMPANY NAME: Renault Group

PROJECT NAME: Olive biomass-derived Bio-PP40T and Bio-ABS for automotive lighting components



THE STORY:

Automotive lighting housings are predominantly fossil-based polymers. This initiative develops industrial-scale bio-based plastics for lighting application in which we collaborate with one of our major Tier1 Supplier ODELO to develop and adopt the technology: olive biomass-derived polymers, including automotive-grade Bio-PP40T and Bio-ABS, for headlamp housings, rear lamp housings and side cover components. The materials are qualified according to OEM lighting requirements through a CAE- testing-prototyping cycle where the K1320 headlamp housing and the B1318 rear lamp housing are the target applications

THE IMPACT:

Key Result 1:

Minimum Bio-based content: 22% (target)

Key Result 2:

Energy reduction: 10% (target)

Key Result 3:

Productivity Increase 10% (target)

Additional Result

Local Startup company from Türkiye will be boosted to contribute a global business in Automotive



BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Bio-PP40T and Bio-ABS grades can be extended to other vehicle platforms and markets globally. Renault contributes to vehicle integration, material validation, CAE activities and vehicle-level functional testing, supporting European sustainability compliance and local supply chain development.

THE BIGGER PICTURE:

The project supports bioeconomy and decarbonization. Olive-biomass automotive plastics can lower the carbon footprint and fossil dependency of lighting systems while meeting OEM performance requirements, creating a validated material platform for future Renault Group vehicle platforms.

EXECUTIVE VOICE:

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COMPANY NAME: Renault Group

PROJECT NAME: Recycled Material Applications in Vehicle & RSA Material Approval Process



THE STORY:

Oyak Renault has integrated sustainability and circular economy principles into vehicle plastic& soft-trim parts through the robust RSA Material Approval Process (4-Stage Flow). This practice addresses the critical need to increase recycled and sustainable materials in automotive components without compromising design, cost, or technical performance.

Material Commercial & Design Pre-Approval: Initial screening for cost, sustainability, and aesthetic compliance via the RSA Technical & Design department.

Material Testing & Validation: Multi-layered laboratory testing (supplier internal, accredited independent, and RSA Central Labs) leading to official Material Card creation.

Production Preparation: Exact alignment of mold design, simulations, and injection trials with the physical/ chemical properties defined in the new material cards.

On-Vehicle Integration & Final Tests: Final fit-and-finish assembly trials and grueling on-road/ durability testing.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Oyak Renault operations play a transformative role within Renault Group's global value chain circular economy integration and rigorous material validation workflows. The structured RSA Material Approval Process developed and implemented in Türkiye successfully ensures that sustainable, recycled interior & exterior materials meet global engineering and design standards, with high potential for replication across the group's international manufacturing hubs.

THE IMPACT:

Key Result 1:

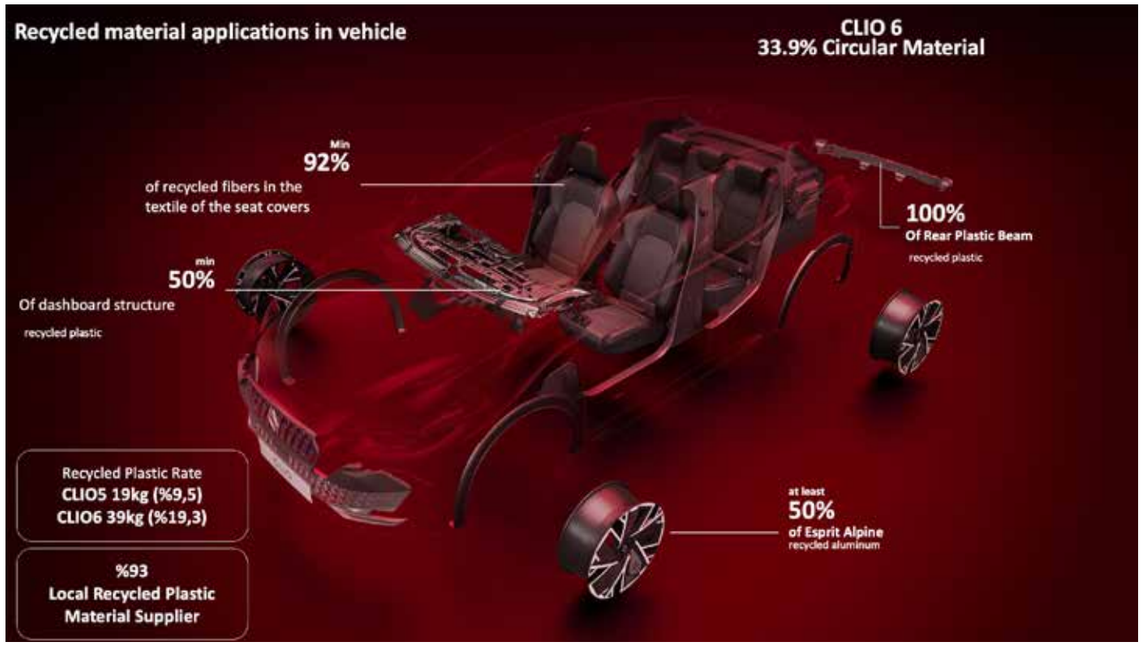
Successful integration of certified recycled materials into vehicle plastics through a structured 4-stage validation pipeline.

Key Result 2:

Achieving a pure recycled polymer weight of 39.5 kg representing a 19.3% integration rate on the Clio 6 which successfully doubles the recycled material rate of the Clio 5, And double rate compared to Vehicles in EU Market.

Key Result 3:

Accelerated transition to circular economy targets by systematically minimizing virgin material dependency in production lines and Local Compound supplier



THE BIGGER PICTURE:

Integrating recycled materials into high-volume vehicle production through systematic validation, Oyak Renault proves that local manufacturing excellence can successfully spearhead sustainable innovation across international automotive markets. As Local Recycled Compounders are young in RSA global network.

EXECUTIVE VOICE:

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COMPANY NAME: Renault Group
PROJECT NAME: Oyak Renault Energy School



THE IMPACT:

Key Result 1:

More than 3,000 staff (including fresh starters) & 5 different companies reached, significantly increasing sustainability and energy awareness.

Key Result 2:

Direct implementation of on-site optimizations and correct equipment utilization.

Key Result 3:

Pioneered as the very first application of its kind both in Türkiye and within the entire Renault Group.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

This project represents a premier initiative in Türkiye and stands as a first across the global Renault Group network. The training framework developed in Türkiye has proven its value as an exportable competency model. Demonstrating this international impact, the exact same system was successfully set up and established at the Renault Headquarters two years ago by our OYAK Renault colleagues.

THE BIGGER PICTURE:

This example demonstrates that green transition is achieved not merely through technical investments, but by fostering a deeply rooted culture of energy efficiency awareness and social responsibility. By extending beyond our factory walls to train external partners, this initiative highlights Türkiye's role not just as a manufacturing base, but as a transformative hub leading the mindset shift crucial for the global green transition.

THE STORY:

Established in 2009, the Energy School is an innovative training center designed to foster an energy-efficiency mindset in manufacturing. The curriculum delivers comprehensive practical and theoretical training covering building insulation, insulation in pipe installations, heat recovery, compressed air leaks, lighting optimization, high-efficiency motors, photovoltaic panels, wind turbines, evaporative cooling, water saving, thermostatic valves, and smart buildings. Distinct from conventional awareness campaigns, this practice offers hands-on experience focused on on-site optimizations and correct equipment selection/usage. Training is provided to our own employees as well as to external companies wishing to participate.



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Renault Group

COMPANY NAME: Renault Group
PROJECT NAME: Thermic Energy Projects

THE STORY:

This project aims to optimize natural gas consumption and accelerate decarbonization in industrial automotive manufacturing. The project encompasses an economizer application to paintshop chimneys, the integration of heating coils to paintshop burners, the installation of 2 high-efficiency chillers to the paintshop, and 23 preheating coils to the bodyshop AHU (Air Handling Unit) systems. Distinguishing itself from conventional, high-emission manufacturing approaches, this integrated project combines waste heat recovery, smart cooling, and advanced air conditioning technologies to directly reduce fossil fuel dependency across core production lines.





THE IMPACT:

Key Result 1:

10% decrease/year in total energy consumption.

Key Result 2:

Highly efficient waste heat recovery achieved in paintshop and bodyshop lines.

Key Result 3:

Permanent reduction in the factory's overall carbon footprint and greenhouse gas emissions.

THE BIGGER PICTURE:

This example demonstrates Türkiye's pivotal role in our global green transition by successfully reducing natural gas dependency and consumption while actively increasing electrification in major manufacturing processes.



BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

This project represents a fully integrated, proven model that aligns with global industrial best practices and carries high international replicability. Successfully implemented within our operations in Türkiye, this comprehensive engineering architecture offers a standardized approach that can be easily transferred and rapidly scaled across other automotive manufacturing sites worldwide. Its proven design and flexible integration potential position this practice as a ready-to-deploy solution that can directly advance Renault Group's global decarbonization roadmap.



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Renault Group

COMPANY NAME: Renault Group
PROJECT NAME: Refactory

THE STORY:

Refactory Bursa is Türkiye's first factory dedicated to the circular economy. Converting the historic showcases a new industrial model, which is: profitable, sustainable and digital. Another growth driver for Renault Group is leveraging a vehicle's potential value through its entire life cycle.
At Renault Group, we have placed the Refactory model at the heart of this transformation. Refactory is a comprehensive circular economy ecosystem dedicated to extending the life of vehicles, parts, and batteries through repair, refurbishment, reuse, and recycling.
The "Refactory" project, which was first launched at the Flins plant in France in 2021, was also implemented in Turkey at the Oyak Renault plant in Bursa in May 2023.

THE IMPACT:

Through the Refactory Project operating within the Renault Bursa plant, used vehicles are reconditioned according to industrial standards and prepared for a second life, delivering both economic and environmental value.

Key Result:
11.399 vehicles have been refurbished in 2025

Additional Result

The products and services delivered under the Refactory Certified label are environmentally responsible and fully compliant with the quality standards defined by Renault Group.
Carbon footprint reduction is a key objective at every stage of the refurbishment process. To achieve this:
• Digital production workflows are used to optimize logistics and reduce unnecessary transportation.
• Renewable energy sources are prioritized whenever possible.
• Energy-efficient equipment, including LED lighting and temperature control systems, is deployed across operations.
• Low-carbon repair methods, such as Smart Repair techniques, are preferred over conventional bodywork repairs wherever feasible.



THE BIGGER PICTURE:

One of the most visible expressions of this approach is Refactory Certified, a trust label that lies at the heart of Renault Group's circular economy ambition. Its objective is to refurbish vehicles in a sustainable manner by reducing resource consumption, minimizing waste generation, and limiting environmental impact throughout the vehicle's lifecycle.



EXECUTIVE VOICE:

Lionel Jaillet
CEO, Renault Group Türkiye & Chairman of the Board, Oyak Renault



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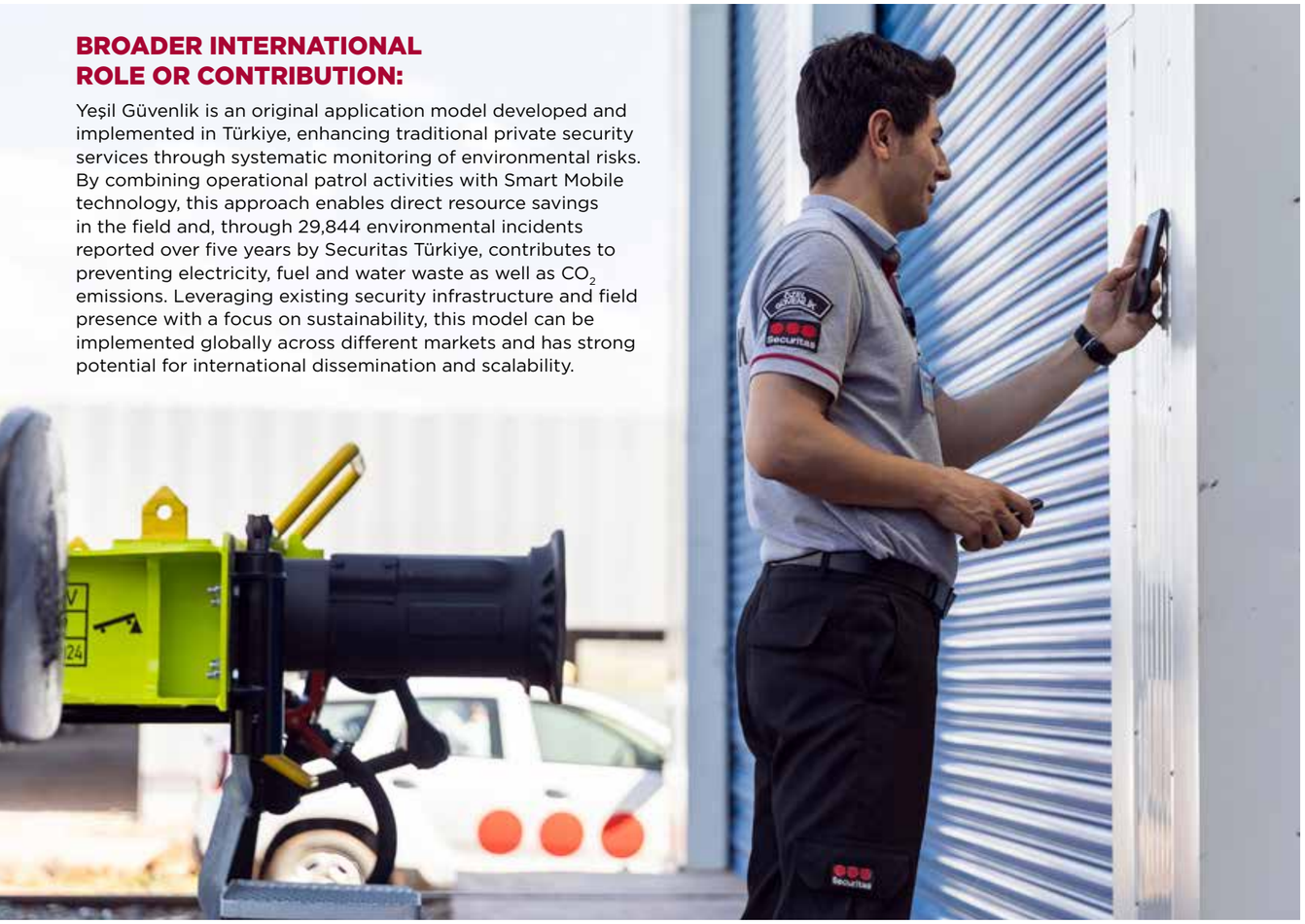
COMPANY NAME: Securitas Türkiye
PROJECT NAME: Yeşil Güvenlik

THE STORY:

Yeşil Güvenlik is an initiative launched by Securitas Türkiye in 2013, integrating environmental sustainability into day-to-day security operations as an inherent component of the service delivery model. The program aims to contribute to the reduction of environmental impact at client sites where security services are provided, to promote the efficient use of natural and energy resources, and to enhance environmental awareness among employees and business partners.
Within the scope of the implementation, security officers systematically identify environmental risks during routine patrol and surveillance activities, including lighting, air conditioning systems and taps left on; water, fuel or chemical leakages; waste and similar environmental risk factors. These observations are recorded in real time and with visual documentation via Smart Mobile, a platform developed by Securitas Türkiye. The collected data is subsequently analyzed and consolidated into monthly reports, which are shared with business partners.
The key differentiating feature of Yeşil Güvenlik compared to traditional security services is the transformation of existing security operations into an integrated structure in which environmental risks and resource wastage are also monitored and reported. In this way, sustainability ceases to be a separate activity and becomes a natural and continuous part of daily security service provision.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Yeşil Güvenlik is an original application model developed and implemented in Türkiye, enhancing traditional private security services through systematic monitoring of environmental risks. By combining operational patrol activities with Smart Mobile technology, this approach enables direct resource savings in the field and, through 29,844 environmental incidents reported over five years by Securitas Türkiye, contributes to preventing electricity, fuel and water waste as well as CO_2 emissions. Leveraging existing security infrastructure and field presence with a focus on sustainability, this model can be implemented globally across different markets and has strong potential for international dissemination and scalability.



THE IMPACT:

Between 2013 and 2026, thanks to the integration of our 20,000 field employees with the digital infrastructure, risk detections have been carried out through Yeşil Güvenlik solutions.

Key Result 1:
Identification of 77,594 Yeşil Güvenlik risks

Key Result 2:
Management of 9,391 climate risks caused by excessive rainfall

Key Result 3:
Identification of 7,196 fire risks



THE BIGGER PICTURE:

Yeşil Güvenlik integrates sustainability into core operations by combining on-site observation with digital infrastructure. With 20,000 security officers, 29,844 environmental incidents have been reported over five years. Identifying unattended lighting, devices left on and idling vehicles helps prevent electricity and fuel waste and CO_2 emissions. Reporting water leaks and open taps reduces water loss, while monitoring waste and detecting damaged grates supports site hygiene and occupational safety.

EXECUTIVE VOICE:

Murat Kösereisoğlu
Country President of Securitas Türkiye



“Business continuity is as critical as sustainability. As Securitas Türkiye, with Yeşil Güvenlik we set out to create a secure touchpoint for the organizations we serve within the world of sustainability. By combining our observation capability in the field with technology, we contribute to the early detection of environmental risks, the more efficient use of resources, and the strengthening of environmental awareness among our business partners.”

COMPANY NAME: SGS Supervise Gözetme Etüd Kontrol Serv. A.Ş.
PROJECT NAME: IMPACT NOW for Sustainability

THE STORY:

We launched the IMPACT NOW for sustainability initiative, a framework that aligns our powerful suite of services, to help organizations move faster across four pillars of impact: Climate, Circularity, Nature, and ESG Assurance. Organized into four pillars, IMPACT NOW helps businesses pinpoint the right actions to move from ambition to results.
First, IMPACT NOW on Climate is dedicated to reducing greenhouse gas emissions and driving the transition to net-zero including carbon footprint reduction, CBAM, energy transition and EV battery testing. Second, IMPACT NOW on Circularity helps clients minimize waste and maximize resource efficiency including reduce, reuse, recycle practices, plastics and packaging reduction. Third, IMPACT NOW on Nature focuses on managing and mitigating environmental impacts including environmental risk management PFAS & microplastics. And finally, IMPACT NOW on ESG Assurance ensures clients have the solutions they need to navigate the complexities of ESG requirements and also social impacts with human rights due diligence and people wellbeing.
Each is a doorway to a global team of specialists, proven methodologies and end-to-end support – from first assessment to independent verification. Whether a business is building a net-zero roadmap, strengthening ESG reporting, or transforming their supply chain, SGS can support at every stage of their sustainability journey.



BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

IMPACT NOW demonstrates the global strength of SGS by bringing together worldwide expertise in Climate, Circularity, Nature and ESG Assurance through a network of specialists, laboratories and assurance professionals operating across more than 115 countries. SGS helps organizations address complex sustainability challenges with consistent, science-based solutions delivered locally and scaled globally. By combining scientific excellence, independent assurance and a global delivery network, IMPACT NOW transforms sustainability ambition into measurable impact, positioning SGS as a global leader in helping organizations build more resilient, responsible and sustainable businesses.



THE IMPACT:

Key Result 1:

Helped brands like BLK & Bold (coffee manufacturer) reduce their carbon footprint; Expanded our global sustainability expertise with Aster Global, Hidromares, Sami and Walsh; Become a key global consulting partner of EcoVadis, now offering not only training, but advisory and enhanced auditing services.

Key Result 2:

Won a major European Commission contract to assess soil health across the EU; Approved as a validation and verification body by Isometic and Verra, which means clients can trust the integrity of their carbon credits with our verification services that drive real climate impact.

Key Result 3:

Increased our delivery of ISCC PLUS services to over 300 clients who want to demonstrate their efforts for circularity; Delivered ESG assurance and non-financial reporting for BorsodChem; Partnered with Diginex and acquired Sami, to strengthen the credibility of sustainability reporting and carbon accounting; Increase our footprint into PFAS testing across various industries.



THE BIGGER PICTURE:

SGS demonstrates global leadership in sustainability through its strategic platform IMPACT NOW, turning sustainability ambition into measurable, trusted action. We lead by example through our own recognized actions. We combine scientific expertise, testing, inspection, certification, digital platforms, consulting and assurance across the key pillars to address interconnected challenges. Backed by global specialists, laboratories, recognized credentials, targeted acquisitions and partnerships, and major client and institutional engagements, SGS is well positioned as a global leader in sustainability transformation.



EXECUTIVE VOICE:

Géraldine Picaud
CEO of SGS



"IMPACT NOW for sustainability is more than just a concept. We are addressing the triple planetary crisis of climate change, biodiversity loss, and pollution and waste. Embedding sustainability into every action we take and every service we provide contributes positively to society and achieving a nature positive and pollution free world."

COMPANY NAME: SGS Supervise Gözetme Etüd Kontrol Serv. A.Ş.

PROJECT NAME: Exporting CBAM Expertise for a Transparent and Low-Carbon Economy

THE STORY:

As the EU Carbon Border Adjustment Mechanism (CBAM) entered its definitive phase in 2026, companies exporting carbon-intensive products to the EU faced growing demands for reliable emissions data and robust verification processes. SGS Türkiye responded by developing a dedicated CBAM pre-verification capability, combining technical expertise, sector knowledge and practical experience gained through close engagement with Turkish exporters. The initiative supports companies in assessing the reliability and completeness of their embedded emissions data before formal verification, helping them identify data gaps, improve calculation methodologies and strengthen the quality of their CBAM reporting. What makes the practice noteworthy is that it has evolved beyond a Türkiye-focused service. Through the successful delivery of projects for Turkish industrial companies, SGS Türkiye has built a strong pool of CBAM expertise and developed a practical implementation approach that can be transferred across borders. In 2026, this capability has enabled SGS Türkiye's expert team to deliver CBAM pre-verification services remotely from Türkiye for projects in Kazakhstan, Egypt and South Korea, demonstrating how expertise developed in Türkiye can create value for international markets.



THE IMPACT:

Key Result 1:

25 CBAM pre-verification projects delivered in 2026 (year-to-date).

Key Result 2:

EUR 250,000 in revenue generated from CBAM pre-verification services in 2026 (year-to-date).

Key Result 3:

90 CBAM pre-verification proposals submitted, representing a total potential project value of EUR 940,000 in 2026 (year-to-date).

Additional Result

CBAM pre-verification expertise developed in Türkiye has been transferred internationally, enabling the SGS Türkiye expert team to deliver projects for clients in Kazakhstan, Egypt and South Korea from Türkiye. Through the CBAM pre-verification projects delivered YTD, we contributed to mitigating approximately EUR 1.4 billion in potential additional costs, while helping companies improve carbon data quality, strengthen emissions management, and prepare for the transition to a more transparent, low-carbon economy.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

SGS Türkiye has developed a strong CBAM pre-verification capability through hands-on experience with Turkish exporters and industrial companies. Building on the successful delivery of 25 projects in 2026, this expertise and implementation approach has been transferred beyond Türkiye. SGS Türkiye's expert team now delivers CBAM pre-verification services from Türkiye for projects in Kazakhstan, Egypt and South Korea. This demonstrates Türkiye's growing role as a regional center of expertise for carbon-related compliance and verification services, with locally developed know-how creating value across international markets.

THE BIGGER PICTURE:

Türkiye is demonstrating that its role in the green transition extends beyond implementing global sustainability requirements in its domestic market. By developing CBAM expertise in response to the needs of Turkish industry, SGS Türkiye has created a capability that is now serving international markets. This shows how Türkiye can act as a regional hub for sustainability expertise, exporting knowledge, technical capabilities and innovative implementation models to support the global transition to a low-carbon economy.

EXECUTIVE VOICE:

Nadin Haçerestunç - Managing Director of SGS Türkiye

"The CBAM expertise we developed in Türkiye to support the green transition of industry is now creating value beyond our borders, supporting companies in international markets. This demonstrates Türkiye's potential not only as a market undergoing the sustainability transition, but also as a hub exporting expertise and know-how to the world."



COMPANY NAME: SGS Supervise Gözetme Etüd Kontrol Serv. A.Ş.

PROJECT NAME: Turn Carbon Compliance into a Competitive Advantage with SGS's Sami Digital Platform



THE STORY:

SGS acquired a French start up in 2025 to bolster its expertise in carbon management and combine it with SGS's 30-plus years of sustainability expertise. Sami is a powerful platform for simplifying companies' net zero journey. More than 1500 companies have used Sami across Europe to measure their carbon footprint, track their emissions and manage their climate action plan. The platform, through responsible use of AI, can:

- simplify activity data collection such as energy, procurement, and logistics (with surveys, forms, automatic file extract or processing, API integration)
- calculate corporate emissions with an extensive database of more than 350.000 emission factors across +40 datasets, with a complete verifiable audit trail
- offer granular analysis capabilities (custom categorization, multi-entity or multi-site visibility, industry benchmarks)
- allow companies to build and track their action plan, aligned with their reduction targets following the Science Based Targets initiative (SBTi)
- connect with the client's own AI tools through the Sami MCP

Sami's key advantage is its flexibility: it offers enterprise-level customization for large companies and a ready-to-use solution for SMEs. With Sami, SGS combines software, local advisory services and training in one integrated offering, guiding clients through decarbonization without the need for multiple providers. Companies starting their carbon journey use Sami to reduce carbon-related risks and costs, improve ESG ratings, attract clients, access financing and explore new business opportunities. Those already managing emissions use it to digitize and enhance their existing systems, freeing up time for decarbonization rather than carbon accounting.

THE IMPACT:

Key Result 1:

One of the leading carbon platforms in Europe - most used one in France; More than 1500 clients all time, across 10 different countries; +150 experts and consultants are Sami certified across +15 countries; Founding member of a community of more than 5000 sustainability professionals (SEPA) and founding member of the UK-based Carbon Accounting Alliance (+4000 carbon practitioners).

Key Result 2:

High security standards (ISO 27001 certified) and strict methodology alignment (Verified against the GHG Protocol - corporate standard); BCorp company since 2024.

Key Result 3:

More than 50 million tons of CO2e under management; Average emissions reduction across all clients in 2025 vs 2024 of 1% in absolute value and 5% in relative value (kg of CO2e per $ of turnover); +300 professionals upskilled on carbon accounting with professional training.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

One of the main aims of SGS and Sami is to ensure that this powerful platform can support the carbon management of businesses no matter where they are in the world. With SGS's global sustainability footprint and Sami's accessible platform and expert support can strengthen any local, regional and global business to meet the challenges with data collection, data calculation, cataloguing of product carbon footprints, climate reporting, action planning to achieve and meet carbon reduction targets.



THE BIGGER PICTURE:

SGS, with its digital platform Sami demonstrates global leadership in sustainability through a demand-driven all-in-one approach to carbon management: software, expert advisory and training. With Sami, SGS can deliver at scale on the corporate net zero transition and turn thousands of avoided emissions into millions.

EXECUTIVE VOICE:

Tanguy Robert

Co-founder and Co-CEO of Sami, SGS

"Carbon accounting is absolutely key to drive the corporate net zero transition. We are transforming from a burden to a practice that drives profitable ESG data management and decarbonization. Together with SGS, we can now bring that impact to companies around the world."



SIEMENS

COMPANY NAME: Siemens Sanayi ve Ticaret A.Ş.
PROJECT NAME: BOLD
(Building Low-Carbon Destination Programs)



THE IMPACT:

Key Result 1:

Renewable energy and resource efficiency (Phase 1)
The programme enabled 30% energy savings and 50% water savings through LEED Gold design standards, while an on-site solar PV system now generates approximately 1.3 GWh annually, covering around 8-10% of the facility's electricity demand.

Key Result 2:

Low-carbon operations (Phase 1)
The Gebze facility sources 100% of its electricity from green energy, reducing grid dependency and lowering operational carbon intensity. In addition, 75% of construction waste was recovered through sustainable construction practices.

Key Result 3:

Deep decarbonization roadmap (Phase 2)
Building on these achievements, Phase 2 is expected to deliver approximately 93% carbon emission reduction through heat pump deployment, heat recovery technologies and smart building automation.

Additional Result
Phase 2 is also expected to achieve approximately 54% energy savings and around €900,000 cumulative operational savings, while improving infrastructure reliability and energy resilience.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

BOLD2030 Gebze demonstrates how Siemens Türkiye translates global sustainability ambitions into tangible industrial transformation. Building on earlier achievements including LEED Gold-certified facility design, on site solar PV generation, LED modernization, and 100% green electricity sourcing, the program is now advancing the next phase of decarbonization through electrification, heat pump technology, heat recovery and smart building automation. By integrating renewable energy, resource efficiency and carbon reduction within a single industrial campus, the Gebze facility serves as a potential benchmark for sustainable manufacturing. The experience and implementation approach developed in Türkiye have strong potential to be replicated across other Siemens locations and industrial facilities globally.

EXECUTIVE VOICE:

Hüseyin Gelis

President of Siemens Türkiye



"We view sustainability as an integral part of our business practices and our long-term value creation approach. We are integrating decarbonization, energy and resource efficiency, digitalization, and responsible business practices into our operations while focusing on accelerating innovation. Within the framework of COP31, we value sharing our experiences in sustainable transformation through technology, innovation, and knowledge exchange."

THE STORY:

BOLD2030 Gebze is Siemens Türkiye's long-term transformation program for building a low-carbon, resource-efficient and climate-resilient industrial campus. The initiative builds on a sustainability journey that began with Türkiye's and Siemens' first LEED Gold-certified production facility in 2009, followed by on-site solar PV generation, LED modernization, and the transition to 100% green electricity.

The latest phase of the program focuses on deep decarbonization through electrification, heat pump technology, heat recovery systems, smart building automation and HVAC modernization. Developed in response to the need to reduce operational emissions while improving energy efficiency, infrastructure reliability and resource performance, BOLD2030 integrates renewable energy, energy efficiency, carbon reduction and digital technologies into a single transformation roadmap.

What makes the initiative noteworthy is its holistic approach. Rather than implementing isolated efficiency projects, Siemens combines facility design, renewable energy, electrification, digitalization and operational excellence within one industrial campus, creating a scalable model for sustainable manufacturing and industrial decarbonization.





THE BIGGER PICTURE:

BOLD2030 Gebze demonstrates how Türkiye can transform global sustainability ambitions into measurable industrial results. From LEED Gold design and on-site renewable energy to large-scale electrification and decarbonization, the project showcases Türkiye's role as a driver of scalable low-carbon transformation within Siemens' global operations.

COMPANY NAME: Siemens Healthineers
PROJECT NAME: Green Radiology



THE STORY:

Green Radiology is a sustainability-focused initiative developed by Siemens Healthineers Türkiye to help healthcare providers reduce the environmental impact of medical imaging while maintaining clinical excellence and operational efficiency. The initiative addresses the growing need for radiology departments to lower energy consumption, reduce carbon emissions, and support sustainability goals without compromising patient care.
Our project is inspired from our company purpose defined as “We pioneer breakthroughs in healthcare. For everyone. Everywhere. Sustainably.”
Our local strategic initiative is determined and defined from our global objectives. Healthcare sector, in total, is the highest fifth Co2 emission. The need is clear to reduce the energy cost spent while protecting our resources. Since sustainability has a broader concept umbrella meaning, to find this specific initiative, the plan was carefully managed and implemented. This includes top management talks, focused group studies, workshops, and searching projects with volunteers. This plan also supported good and effective communication with our company global ecosystem to find benchmarks to support external handling. After having all internal and external information, we focused on designing our value statement to create and deliver effectively.
The program combines energy optimization, equipment lifecycle extension, operational best practices, and customer awareness to enable measurable environmental and economic benefits.
Through a holistic approach that integrates technology, service expertise, and sustainability-focused consulting, Green Radiology helps healthcare organizations translate environmental commitments into practical actions.
What makes the initiative particularly noteworthy is that it was conceived and developed through local expertise in Türkiye, transforming practical field experience into a scalable sustainability solution.
Its success has already extended beyond national borders, with the concept and know-how being exported to the United Kingdom, demonstrating its international relevance, business value, and replicability.
By turning sustainability from a strategic ambition into concrete and measurable actions, Green Radiology helps healthcare organizations reduce their carbon footprint, lower operating costs, and build more resilient radiology services for the future.

THE IMPACT:

Key Result 1:

To promote energy awareness, the system’s electricity consumption was recorded at 15 minute intervals and shared with customers through detailed analyses. This approach enabled us to quantify the benefits of energy-efficient operating practices and identify optimization opportunities. The assessment revealed an average annual energy consumption of approximately 85 MWh per system. Prior to this initiative, no comparable measurement or observation had been conducted, making it possible for the first time to quantify the environmental impact and energy-saving potential of the implemented solution.

Key Result 2:

The initiative delivered a proven annual energy saving of 14 MWh, representing approximately 16,5% lower energy consumption than the conventional operating model. This translates directly into recurring annual cost savings while simultaneously reducing the environmental footprint of imaging operations. By quantifying both the saving percentage and the annual energy reduction, the project provided concrete evidence of value creation rather than relying on theoretical assumptions. The measurement-based approach highlights how innovation developed in Türkiye can contribute to Siemens Healthineers’ global sustainability objectives while generating measurable economic benefits for customers.

Key Result 3:

The energy consumption analysis demonstrated that, through increased user awareness and the adoption of best-practice operating habits, the system has the potential to achieve up to 27 MWh of annual energy savings. This represents approximately 31.8% of the system’s average yearly energy consumption, highlighting the substantial environmental and economic benefits of optimized system utilization.

Additional Result

Beyond energy efficiency, the solution provides deep visibility into technical and power-quality parameters that influence system health, reliability, and uptime. Through data-driven consultancy and operational optimization, healthcare providers can improve equipment utilization, maintain higher system availability, and extend the productive life of their imaging assets. As a result, organizations can defer or avoid additional capital expenditures while maximizing the value of existing infrastructure. This creates a unique combination of environmental, operational, and financial benefits, demonstrating that sustainability and business performance can be improved simultaneously.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Green Radiology demonstrates a strong international contribution from Türkiye. While sustainability is a global strategic priority, the Green Radiology framework, customer engagement model, and practical implementation approach were further developed by the Siemens Healthineers Türkiye team based on local market experience and customer needs. The initiative transformed field know-how into a scalable solution that creates measurable environmental and business value. Its success has already led to knowledge transfer and adoption in the United Kingdom, demonstrating the international applicability of the concept. Beyond local impact, the initiative positions Türkiye as a source of innovation, expertise, and best practices that can support sustainability transformation across other markets.

THE BIGGER PICTURE:

Green Radiology demonstrates that Türkiye is not only implementing sustainability strategies but also creating exportable expertise, innovative service models, and scalable solutions that contribute to Siemens Healthineers’ global green transition. We lead for green and innovate for sustainability with our strong top management commitment and our people passioned culture..

EXECUTIVE VOICE:

Nalan Abdullahoğlu
CEO & Chair of the Board of Siemens Healthineers Türkiye



“Healthcare accounts for approximately 4.4–5% of global greenhouse gas emissions, with hospitals contributing around 15–20% of the sector’s footprint through their energy-intensive operations. As diagnostic imaging can represent up to 10% of a hospital’s electricity consumption, improving the energy efficiency of imaging equipment is a powerful and immediate opportunity to reduce healthcare-related emissions while supporting more sustainable care delivery.”

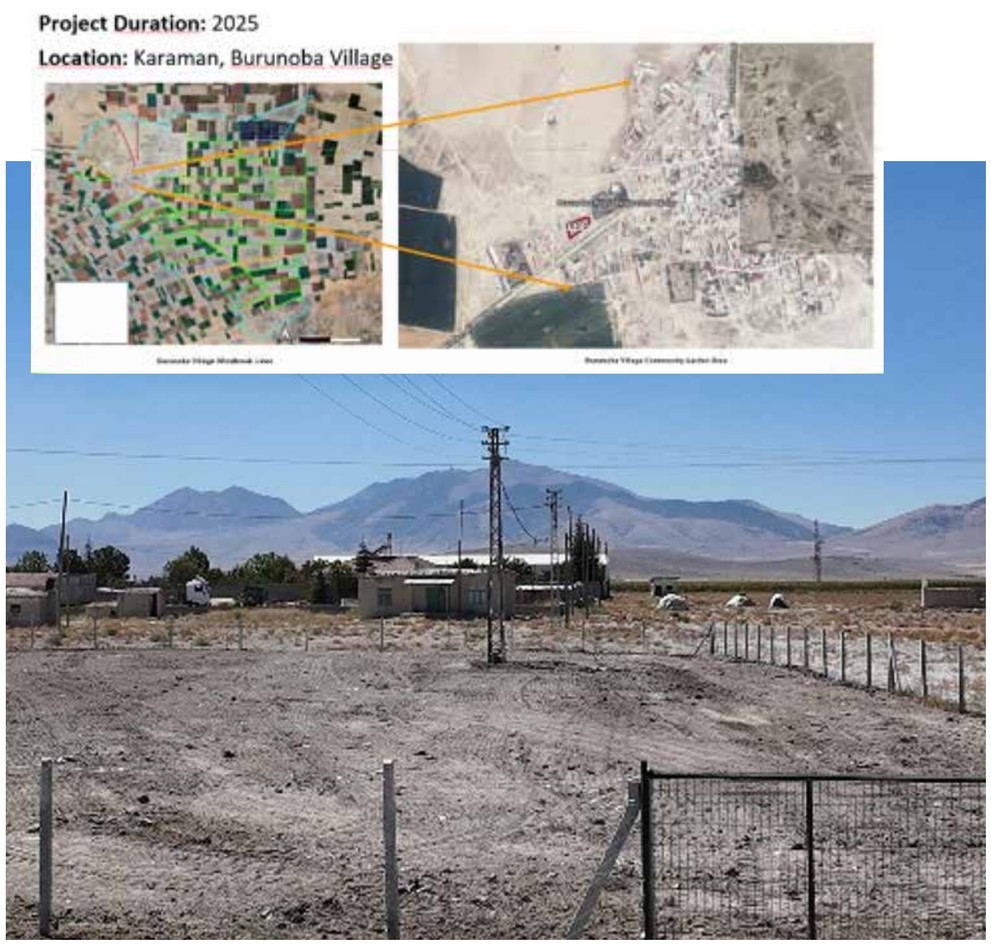
COMPANY NAME: Unilever Sanayi ve Ticaret Türk A.Ş.

PROJECT NAME: Plant Windbreaks to Protect Soil Moisture in Dry Basins

THE STORY:

In Türkiye's Konya Closed Basin, one of the country's most water-stressed agricultural regions, Unilever Türkiye implemented a nature-based water stewardship initiative to strengthen climate resilience, protect agricultural productivity and support local communities. The programme was launched voluntarily in Burunoba Village in partnership with the Nature Conservation Centre (Doğa Koruma Merkezi) and focuses on reducing water stress beyond the company's own operational boundaries.

The initiative combines two complementary solutions. First, 20,030 drought-resistant seedlings were planted along 59.18 kilometers of windbreak corridors to reduce wind erosion, limit evaporation and help retain soil moisture across agricultural land. Second, a drip-irrigated community garden was established and designed together with local women to demonstrate water-efficient farming practices while increasing biodiversity. Unlike conventional water conservation projects focused on factory operations, this approach addresses water risk directly where it occurs, in agricultural landscapes that support food production and supply chains. The project integrates ecosystem restoration, community participation, farmer training and climate adaptation within a globally recognised water stewardship framework, creating a scalable model for water-stressed regions. It is among one of Unilever's 100 global water stewardship projects launched globally.



BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The initiative forms part of Unilever's global commitment to implement water stewardship programmes in 100 water-stressed locations by 2030. Türkiye contributes to this ambition by demonstrating how nature-based solutions, community engagement and climate adaptation can be integrated within agricultural landscapes exposed to drought risk. Implemented under the Alliance for Water Stewardship (AWS) framework, the project creates a model that can be replicated across other water-stressed sourcing regions globally, while generating practical insights on community-led resilience and sustainable land management.

THE BIGGER PICTURE:

Türkiye demonstrates that climate resilience requires action beyond company operations. Through nature-based water stewardship in one of the country's most water-stressed agricultural basins, Unilever Türkiye shows how local knowledge, community partnerships and ecosystem restoration can contribute to global resilience goals while helping secure the natural resources on which future agricultural production depends.

THE IMPACT:

Key Result 1:

59.18 kilometers of windbreak corridors established across an area of influence covering 45 hectares of farmland.

Key Result 2:

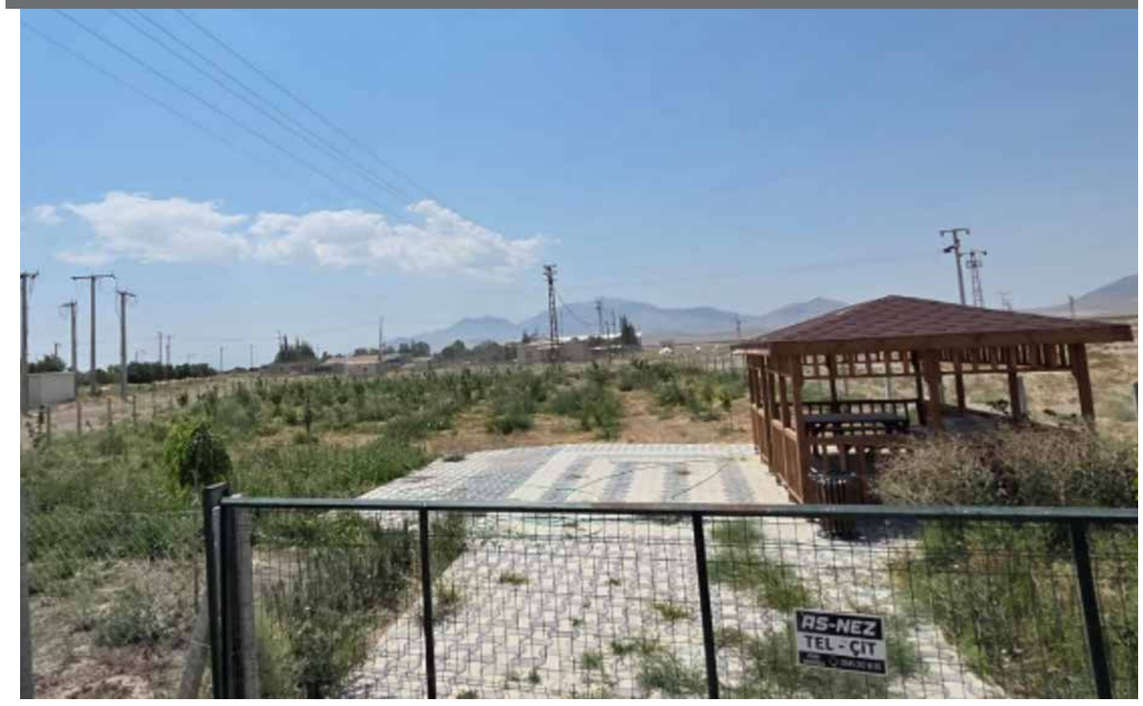
20,030 drought-resistant seedlings planted to reduce wind erosion, conserve soil moisture and strengthen climate resilience.

Key Result 3:

436 plants representing approximately 32 species introduced through a drip-irrigated community garden, increasing local biodiversity and demonstrating water-efficient agriculture.

Additional Result

Estimated net above-ground carbon sequestration potential of 746 to 1,066 tonnes CO_2 by 2030, depending on seedling survival rates.



EXECUTIVE VOICE:

Ali Fuat Orhonoğlu

Unilever Türkiye Head of Country & Unilever Pakistan, Türkiye, Arabia and Bangladesh Home Care General Manager

"Water security is one of the defining challenges of our time. Through this initiative, we are demonstrating how nature-based solutions and community partnerships can strengthen climate resilience while helping protect the agricultural ecosystems that support our food system and future generations."



COMPANY NAME: Unilever Sanayi ve Ticaret Türk A.Ş.

PROJECT NAME: Electrify Heavy Road Freight to Cut Logistics Emissions / Electrification of Heavy-Duty Road Freight Operations

THE STORY:

Unilever Türkiye has pioneered the electrification of heavy-duty road freight by replacing diesel-powered tractor units with battery-electric vehicles operating on a dedicated factory-to-warehouse route between its Tuzla factory and logistics facilities. The initiative addresses one of the most difficult decarbonisation challenges in the value chain: reducing emissions from contracted road transportation.

Launched voluntarily in 2023, before any regulatory requirement for heavy vehicle electrification in Türkiye, the project forms part of Unilever's global commitment to achieve net zero emissions across its value chain by 2039. Rather than focusing solely on vehicle replacement, Unilever developed a partnership model bringing together the vehicle manufacturer, distributor, financing provider and logistics operator. This structure addresses the main barriers to adoption, including vehicle affordability, technical support and operational readiness.

The electric units are charged at the Tuzla factory using certified renewable electricity, enabling near-zero direct transport emissions on the route. By transforming supplier capability rather than simply changing transport providers, the initiative demonstrates how collaborative innovation can accelerate the decarbonisation of logistics while creating a scalable model for broader freight electrification across Türkiye and beyond.



THE IMPACT:

Key Result 1:

152,417 km covered by three battery-electric tractor units between January 2024 and May 2026.

Key Result 2:

170 tonnes of CO_2 emissions avoided through the replacement of diesel freight transport on the route.

Key Result 3:

Three battery-electric units deployed on a fully operational factory-to-warehouse logistics route powered with certified renewable electricity.

Additional Result

A logistics supplier gained electric fleet capability and operational know-how, creating a replicable model for supplier-led logistics decarbonisation.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

The initiative demonstrates how Türkiye operations can accelerate decarbonisation beyond company-owned assets by enabling suppliers to invest in electric freight capability. Developed within Unilever Türkiye's logistics network, the model combines renewable charging infrastructure, supplier transformation and innovative financing to overcome the commercial barriers that often slow heavy-duty transport electrification. The approach creates a replicable implementation model for other markets seeking to decarbonise contracted logistics operations and supports Unilever's global commitment to achieving net zero emissions across its value chain by 2039.

THE BIGGER PICTURE:

Türkiye demonstrates that complex value-chain emissions can be reduced through collaboration, innovation and supplier engagement. By electrifying contracted freight operations and enabling logistics partners to build new capabilities, Unilever Türkiye shows how local implementation can contribute to global climate targets while helping accelerate the wider transition to low-carbon transportation.



EXECUTIVE VOICE:

Ali Fuat Orhonoğlu

Unilever Türkiye Head of Country & Unilever Pakistan, Türkiye, Arabia and Bangladesh Home Care General Manager



"Decarbonisation requires more than transforming our own operations; it requires transforming the entire value chain. This initiative demonstrates how collaboration with business partners can accelerate the adoption of low-carbon logistics solutions today while creating a scalable pathway for the future of freight transportation."

COMPANY NAME: Unilever Sanayi ve Ticaret Türk A.Ş.

PROJECT NAME: Scale Recycled Content in Plastic Packaging

THE STORY:

Since 2021, Unilever Türkiye has been scaling the use of post-consumer recycled (PCR) plastic across its packaging portfolio, replacing virgin resin and embedding circular economy principles into packaging design, procurement and supply chain management. The initiative was launched voluntarily before any legal requirement, responding to growing environmental concerns, future regulatory expectations and consumer demand for more sustainable packaging. Rather than a simple material substitution, the programme required redesigning packaging specifications, qualifying new suppliers, validating material quality and building a broader recycling ecosystem. PCR volumes increased from 466 tonnes in 2021 to 3,736 tonnes in 2025, while recycled content in packaging reached 11% by 2025. Home Care products achieved a 16% recycled-content share and now serve as a model for other business groups. The initiative demonstrates how large-scale demand for recycled material can stimulate investment across the recycling value chain while reducing reliance on virgin plastics. It also positions Türkiye operations at the forefront of circular packaging solutions and supports Unilever's global ambitions to reduce virgin plastic use and accelerate packaging circularity.



BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Türkiye is contributing to Unilever's global circular packaging agenda by scaling post-consumer recycled plastic across its packaging portfolio and supporting the company's global virgin plastic reduction targets. The programme demonstrates how Türkiye operations can implement large-scale circular packaging solutions, build recycling ecosystem partnerships and create a replicable model for other markets seeking to increase recycled content in packaging. The initiative also supports Unilever's global targets to reduce virgin plastic use and increase circularity across its value chain.

THE IMPACT:

Key Result 1:

7,896 tonnes of virgin plastic were avoided between 2021-2025 through the substitution of virgin resin with post-consumer recycled plastic.

Key Result 2:

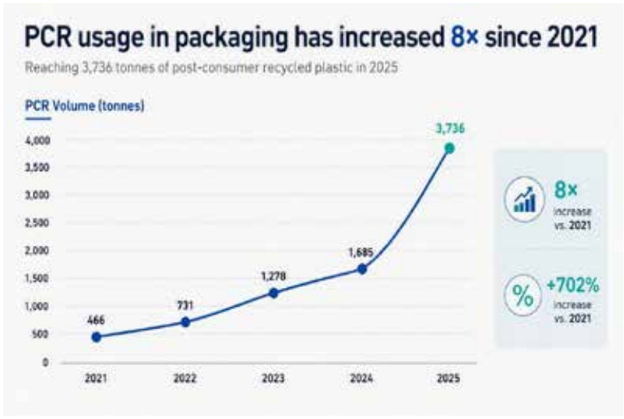
Recycled content in packaging increased to 11% by 2025, up from limited usage before 2021.

Key Result 3:

PCR use increased from 466 tonnes in 2021 to 3,736 tonnes in 2025, an approximately eight-fold increase.

Additional Result

The supplier base for recycled plastic expanded from two suppliers in 2016 to more than 60 suppliers globally, strengthening supply resilience and scaling circular material use.



THE BIGGER PICTURE:

Türkiye is demonstrating how sustainability ambitions can be translated into scalable business action. By accelerating the adoption of recycled plastic in packaging and strengthening the recycling ecosystem, Unilever Türkiye shows how local operations can contribute meaningfully to global circular economy goals while improving supply resilience and long-term business preparedness for a lower-impact future.



EXECUTIVE VOICE:

Ali Fuat Orhonoğlu

Unilever Türkiye Head of Country & Unilever Pakistan, Türkiye, Arabia and Bangladesh Home Care General Manager



"Türkiye has the talent, industrial capability and partnership ecosystem required to accelerate the circular economy. Our experience in scaling recycled content demonstrates how local action can contribute to global sustainability goals while creating value across the value chain, from recycling partners to consumers."

COMPANY NAME: Vodafone Türkiye

PROJECT NAME: Needed for the Planet



THE STORY:

Needed for the Planet (Dünya İçin Lazım) is a joint initiative of Vodafone Türkiye, Habitat Association and WWF Türkiye that demonstrates how climate commitments can be translated into measurable action through a scalable circular economy model.
The initiative directly supports COP31's Zero Waste agenda by enabling collection and responsible recycling of e-waste while simultaneously building climate literacy, circularity and sustainable consumption behaviours among youth, families and communities.
Unlike awareness-focused campaigns, the initiative combines citizen engagement, private sector infrastructure and civil society expertise within one implementation ecosystem. Through educational programmes, sustainability festivals, youth engagement activities and accessible e-waste collection channels, it provides a practical pathway from environmental awareness to concrete climate action.
The model not only diverts e-waste from landfill and supports resource recovery but also empowers young people to become active contributors to sustainability solutions.
As a proven initiative already implemented at national scale, it has reached tens of thousands of beneficiaries, mobilised volunteers and delivered measurable impact through both behavioural change and circular economy outcomes.
By connecting climate education with tangible citizen action, the project offers a replicable and scalable example of how multi-stakeholder partnerships can accelerate climate implementation and support the transition towards a more circular and sustainable future.



THE IMPACT:

Key Result 1:

Needed for the Planet is already delivering measurable impact and offers a proven example of climate implementation at scale. In its first year, the initiative reached 75,535 individuals through environmental education activities, including 47,512 children and 27,506 adults, supported by 517 volunteers.

Key Result 2:

In its first year, more than 37 tonnes of e-waste were collected and responsibly recycled within the project, significantly exceeding initial target which was 15 tons of e-waste.

Key Result 3:

For every 1 TRY invested, the project generated 4.56 TRY in measurable social value (SROI), reflecting tangible improvements in quality of life, behavioural change and environmental outcomes. Adoption of sustainable behaviours increased from 29.4% to 88.8%.

Additional Result

The project is a showcase of a proven multi-stakeholder circular economy model operating at national scale, demonstrating how climate awareness can be translated into measurable action through e-waste recovery, education and community especially youth engagement. The SROI results confirm that our impact extends beyond access and translates into measurable behavioural and knowledge transformation. Average participant knowledge increased by 50 points. E-waste awareness rose from 39% to 81%.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Needed for the Planet demonstrates Türkiye's contribution through a nationally implemented, multistakeholder model developed by Vodafone Türkiye, WWF-Türkiye and Habitat Association. The initiative combines private-sector infrastructure, civil society expertise, environmental education, youth engagement and community action to translate climate awareness into measurable e-waste collection and responsible recycling. Its evidence-based approach, including Social Return on Investment findings, provides practical lessons for governments, businesses and civil-society organizations. Although currently focused on Türkiye, the model offers actionable, scalable and replicable solutions that can be adapted to different national and local contexts, supporting Zero Waste and Youth Education.



THE BIGGER PICTURE:

Türkiye demonstrates how a locally implemented, multistakeholder model can turn global climate ambitions into measurable action. By combining private sector infrastructure with civil society expertise, youth engagement and environmental education, Vodafone Türkiye has created a proven approach to e-waste circularity that delivers social and environmental value and offers a scalable, replicable model for Vodafone's Purpose approach and other markets.

EXECUTIVE VOICE:

Hasan Süel

External Affairs Director of Vodafone Türkiye



"In collaboration with WWF-Türkiye and Habitat Association, we launched the "Needed for the Planet" (Dünya İçin Lazım) project and recycled more than 37 tonnes of electronic waste. Every TRY 1 invested in our project generated TRY 4.56 in social value. The results demonstrate that our efforts are creating measurable impact and driving lasting transformation.
We invite everyone to take action: electronic waste that you say "I might need it someday" is needed for our planet today. Bring in the devices you no longer use and support a more sustainable future.

COMPANY NAME: Watsons Türkiye
PROJECT NAME: Watsons Goodness Movement

THE STORY:

Launched in 2019, Watsons Goodness Movement is Watsons Türkiye's stakeholder engagement initiative designed to encourage sustainable living and responsible consumption. The initiative responds to the need to move sustainability beyond corporate operations and into everyday life by engaging customers, employees, suppliers and business partners in a shared sustainability journey.

The initiative brings together six areas of action: building a better future, growing forests, supporting animal welfare, supporting women's labour, increasing women's employment, and encouraging the choice of sustainable living products. Through these areas, Watsons Türkiye creates opportunities for different stakeholder groups to participate in environmental and social impact.

What distinguishes Watsons Goodness Movement is its direct connection with Watsons' retail ecosystem. Sustainability is brought into customer decision-making, store experiences and everyday consumption choices, rather than being addressed solely through internal corporate programmes. In this way, the initiative connects environmental and social priorities with the reach and engagement capabilities of retail, creating a shared platform where customers, employees and business partners can contribute to positive change.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Watsons Goodness Movement plays a distinctive role within the company's regional and global value and has international scaling potential.

THE BIGGER PICTURE:

Watsons Türkiye serves as a strategic catalyst for AS Watsons' green transition, proving that market leadership can drive high-impact sustainability. By integrating 100% I-REC certified renewable energy, planting over 500,000 trees with TEMA, empowering women producers via KEDV, and offering 1,000+ sustainable products across 161 dedicated store corners, Türkiye demonstrates that holistic ESG execution through the Watsons Goodness Movement framework effectively connects environmental stewardship, supply chain inclusivity, and consumer engagement.



THE IMPACT:

Key Result 1:

Planted over 500.000 trees in partnership with TEMA Foundation, actively expanding forest areas, accelerating carbon sequestration, and driving significant progress toward the 1.000.000 tree target by 2030.

Key Result 2:

Generated over 11 million TRY in economic value for +200 women producers across 4 cooperatives in collaboration with KEDV, featuring their products in 198 stores to empower female entrepreneurship.

Key Result 3:

Covered 100% of operational electricity consumption with I-REC certified renewable energy, eliminating Scope 2 greenhouse gas emissions across all operational activities.

Additional Result

Offered over 1,000 Sustainable Choice products across 161 dedicated "Sustainable Living Corners" in stores to enable responsible consumption habits. Examples include reduced or avoided emissions, renewable energy generated, energy or water saved, waste prevented or recovered, investment amount, suppliers or employees reached, productivity gains or other measurable environmental, economic or social outcomes.

EXECUTIVE VOICE:

Mete Yurddaş:

Managing Director for Türkiye and GCC Development of Watsons Türkiye



"As part of the Watsons Goodness Movement, we take a holistic approach to responsibility in the retail sector through initiatives such as using 100% renewable energy, planting more than 500,000 saplings, supporting women's cooperatives, promoting the well-being of our four-legged friends, and offering more than 1,000 sustainable living products. By creating impact across a broad network—from our employees and suppliers to our manufacturers and customers—we are leading the transformation of the sector. We continue to expand our environmental and social impact through tangible actions that create value for nature, society, and all living beings."

COMPANY NAME: Xiaomi Turkey Teknoloji Limited Şirketi
PROJECT NAME: Xiaomi Türkiye E-Waste Program

THE STORY:

Xiaomi Türkiye launched a program of handling waste electrical and electronic equipment (“WEEE Program”) on 18 August 2026 aiming to make responsible e-waste participation simple, inclusive and measurable. Free and voluntary, the program enables consumers to submit unwanted or end-of-life electrical and electronic equipment, regardless of brand or product type. Consumers access the program through a dedicated app, register their devices, and request collection from their homes or workplaces.
The initiative supports compliance with Türkiye’s Regulation on the Management of Waste Electrical and Electronic Equipment while advancing Xiaomi’s ESG and circular-economy objectives The initiative goes beyond a conventional compliance campaign by combining consumer accessibility, digital traceability, retail and e-commerce engagement, and collaboration with Türkiye’s startup ecosystem. Implemented with Köstebek Araştırma Teknoloji Ticaret Anonim Şirketi (Mol-e), Xiaomi’s contracted service provider and a Türkiye-based women-led environmental startup, the program combines local entrepreneurial capability with Xiaomi’s global scale. Mol-e’s user-friendly digital platform provides a seamless registration experience and enables project managers to monitor measurable results in real time. Submitted devices are transferred to authorized organizations for treatment, recovery or recycling in line with national standards. Participants also receive discount coupons for Xiaomi online store, creating an incentive for responsible consumer behavior. In the first two months of the campaign, 1,216 items weighing 1,278 kgs were registered, demonstrating a transparent, scalable and replicable model.



THE IMPACT:

The measurement period for the results below represents only the first two weeks of the campaign (18 August – 18 October 2026). The program is expected to continue until the end of 2026.

Key Result 1:
1,216 electronic waste items submitted in the first 2 months

Key Result 2:
1,278 kg total registered e-waste during the same measurement period.

Key Result 3:
Estimated emissions reduction of 2,558 kg CO_2 equivalent associated with the registered e-waste.

Additional Result
Estimated 585 kg of recoverable raw materials: 41 kg gold, 221 kg copper, 273 kg aluminum, 21 kg nickel, and 29 kg plastic. The estimated emissions reduction associated with the registered e-waste is equivalent to charging 168,879 mobile phones, keeping a light bulb on for 110,360 hours, or the carbon sequestration achieved by 51 ten-year-old trees.

BROADER INTERNATIONAL ROLE OR CONTRIBUTION:

Designed and implemented by Xiaomi Türkiye with Mol-e, a women-led Turkish environmental startup, the model combines all-brand participation, address-based collection requests, consumer incentives and real-time digital impact tracking. Xiaomi operates in more than 100 countries and regions, creating substantial potential to assess, adapt and replicate this Türkiye-based implementation model across other markets. The initiative demonstrates how local entrepreneurial expertise and operational innovation developed in Türkiye can contribute to Xiaomi’s wider circular-economy practices and strengthen collaboration with local startups internationally.



THE BIGGER PICTURE:

Türkiye can serve not only as an implementation market, but also as a source of scalable green solutions. By combining a multinational company’s reach with the agility and expertise of a women-led local environmental startup, this initiative shows how Türkiye-based partnerships can create measurable circular-economy models with relevance for global operations.



EXECUTIVE VOICE:

Yulin Dou
Country Manager of Xiaomi Türkiye



“Properly evaluating each device contributes to the conservation of resources and the creation of a more sustainable technology ecosystem. As Xiaomi Türkiye, we are happy to be a part of this transformation and to involve our consumers in this process.”



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