



POLATENERJİ

SUSTAINABILITY REPORT 2025

The Power of Nature, Energy for the Future

polatenerji.com



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Strategy and Business Model

Environmental Performance

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1.1. About the Report

At Polat Enerji, we view the generation of electricity from renewable sources as a critical responsibility for the continuity of life. Since our founding, driven by our commitment to clean and renewable energy, we aim to contribute to a more livable future through our operations in Türkiye and Hungary. Thanks to the experience we have gained over the years and the investments we have made, we have maintained our leading position in the sector through our activities in Türkiye, which we have been conducting for a quarter of a century. Today, we manage approximately 6% of Türkiye's installed wind energy capacity; we complement our expertise in wind energy with solar energy and energy storage technologies.

This report has been prepared in accordance with GRI standards. It is Polat Enerji's third sustainability report, following the first and second editions published in 2023 and 2024 respectively and aims to transparently present our performance in environmental, social, and governance areas, establish data-driven communication with our stakeholders, and ensure the traceability of our sustainability efforts.

The scope of the report covers the period from January 1, 2025, to December 31, 2025, and includes Polat Enerji Yatırımları A.Ş. and its subsidiaries. Operations in Türkiye are conducted by Soma Enerji Elektrik Üretim A.Ş., Al-Yel Elektrik Üretim A.Ş., Erguvan Enerji Elektrik Üretim A.Ş., Poyraz Yenilenebilir Enerji Üretim A.Ş., Meltem Enerji Elektrik Üretim A.Ş., and Güneşli Enerji Elektrik Üretim A.Ş.; Operations in Hungary are conducted under the Polat Energy Europe umbrella through the companies Mimas Solarpark Kft., SolServices Kft., and Lumen Trade. All locations and operations of the relevant companies are included in the reporting scope.

You can access the GRI Content Index we have shared in accordance with reporting requirements via the "Appendices" section. Please share your feedback and suggestions with us at surdurulebilirlik@polatenerji.com

**İş Perakende ve Toptan Elektrik Ticaret A.Ş., in which Polat Enerji Yatırımları A.Ş. holds a 33% stake, has not been included in the reporting boundary for 2025 carbon processes, environmental performance indicators, and related sustainability data. Operational control and management authority were taken as the basis for determining the reporting boundaries. Polat Enerji also manages the operations of the 41.5 MWe Seyitali WPP, which belongs to Doruk Enerji Elektrik Üretim A.Ş., a 100% subsidiary of Polat Holding. However, as Polat Enerji has no shareholding in Doruk Enerji, the company has been excluded from the reporting boundaries under GRI 2-2.*



1.2. Message from the Chair of the Board

Dear Stakeholders,

Global energy systems are undergoing one of the most profound restructuring processes in history, driven by the fight against the climate crisis and the impact of technological transformation. The year 2025 marked a critical period not only because this transformation gained momentum but also because the decisions adopted at the United Nations Climate Change Conference of the Parties (COP 30) became central to global economic policies. As Polat Enerji, we are embracing this major shift with the responsibility of being a leading and defining player in the energy transition within the sector.

Today, renewable energy has moved beyond being merely an alternative to conventional sources and has become the backbone of the modern energy system. In this new era, the fundamental measure of success is not merely how much energy is generated, but also how this generation is managed, how flexibly it is integrated into the system, and how transparently its environmental impact can be measured. With its capacity expansion targets for 2035 and the strategic steps taken in this direction, Türkiye holds a central position in the global energy transition.

As Polat Enerji, we are designing our roadmap in full alignment with the Paris Agreement and the European Green Deal, ensuring it contributes maximally to our country's strategic goals. In 2025, we complemented our wind and solar investments with energy storage and hybrid system solutions to create a more balanced, flexible, and sustainable generation structure. This approach forms the foundation not only for meeting today's needs but also for our goal of adapting to the energy systems of the future.

Today, in addition to our strong presence in Türkiye, we have reached a total installed capacity of 1,071 MW through our solar energy projects implemented on the international stage, particularly in Hungary. By combining the experience we have gained in various regions with our multi-source generation model, we have transformed into a highly resilient structure that can rapidly adapt to change. Our leading position in the sector is driven not only by our installed capacity but also by our ability to generate innovative solutions and maintain operational efficiency at the highest level.

Sustainability is not merely a commitment for Polat Enerji; it is a way of life at the very heart of our business model. In every investment decision we make, we prioritize our responsibility to nature and society above all else, and we manage climate risks with a strategic perspective. I would like to extend my gratitude to all our employees, business partners, and stakeholders who have accompanied us on this journey, as we continue to strengthen our commitment to leaving a more livable world for future generations.

Sincerely,
Adnan POLAT
Chair of the Board



Adnan Polat
Polat Enerji, Chair of the Board

1.3. Message from the CEO

Dear Stakeholders,

At Polat Enerji, we have concluded 2025 as a period of action in which we aligned our strategic goals with operational discipline and advanced our sustainability principles through tangible outcomes. We view the global energy transition not merely as an increase in capacity, but as a responsibility to build a more resilient and low-carbon future. In this regard, we have steadfastly continued our investments in technology and human resources to enhance our operational continuity and efficiency.

Our availability rate of approximately 99%, a testament to our disciplined approach to asset management, is international recognition of the stability of our generation. With our 10 power plants in Türkiye and Hungary, 1,071 MW of total installed capacity, we generated approximately 2.3 billion kWh of clean energy throughout the year. With this generation, we contributed to preventing approximately 1.3 million tons of CO₂e emissions annually equivalent to the carbon sequestration of 55 million trees. To prepare for the flexible and integrated energy systems of the future, we are placing energy storage investments at the heart of our strategy. In addition to our Soma, Ege, and Geycek Hybrid Wind Power Plant projects, with the 132 MWh storage unit we have begun constructing in Göktepe, we are strengthening our portfolio and aim to increase our total storage capacity to over 600 MWh both domestically and internationally.

In 2025, at the Geycek Hybrid Wind Power Plant we achieved a first in Türkiye by successfully implementing our multi-source generation approach through a hybrid model that combines wind, solar, and storage under a single license.

We supported our sustainable business model with our strong financial structure. The 22-year financing of 127 million euros secured from international markets represents the longest-term financing provided for renewable energy projects in Türkiye, ensuring the long-term sustainability of our investments. Additionally, we view the 160 MW Balıkesir-1 project, which we secured under the YEKA WPP-2025 framework, as a strategic investment that will enhance our contribution to Türkiye's renewable energy transition.

2025 marked a year of organizational transformation as we expanded our reach to a broader geographic area through our European operations.

During this period, we elevated our sustainability approach to a more systematic framework through a “double materiality analysis.” This allowed us to assess the financial impacts of sustainability issues on our company and the environmental and social impacts of our operations through a holistic approach. Thanks to this analysis, we restructured our strategy to manage the environmental and social impacts of our operations through a holistic approach.

Believing in the social dimension of a sustainable energy transition, we are strengthening our engagement with local communities. We continue to develop and expand our projects “Light Up the Future with Women's Labour” launched to support the inclusion of women in social life, and “Green Light to the Future” aimed at fostering sustainability awareness among children, day by day. We are pleased to have added to our portfolio a project that received an award in the biodiversity category from the Hungarian Sustainable Development Business Council in 2024 for its biodiversity-supporting initiatives at Lumen Park in Hungary.

In the coming period, we will continue to focus on our goals of capacity expansion, digital asset management, and integrated energy systems. I would like to extend my gratitude to my colleagues and stakeholders who contributed to this process.

Sincerely,
Evren Sıtkı GÜVENÇ
Polat Enerji, CEO



Evren Sıtkı Güvenç
Polat Enerji, CEO

1.4. 2025 Global and Türkiye Renewable Energy Trends

Global Outlook

As of 2025, investments in renewable energy are gaining momentum in the global energy system. Driven by increasing capacity investments aligned with net-zero targets, the growth in installed renewable energy capacity is gaining momentum. In 2025, global renewable energy capacity continued to grow, with an annual increase of 692 GW and a 15.5% growth rate. ([International Renewable Energy Agency \[IRENA\], 2026](#))

During the same period, global clean energy investments also increased significantly. Global energy transition investments continued to grow, reaching \$2.3 trillion in 2025 with an 8% increase. ([BloombergNEF, 2026](#))

Within these investments, sectors such as renewable energy generation, electric mobility, and grid modernization are increasingly taking a more significant share.

Solar Energy Investments in Hungary

One clear example of the pace of the global renewable energy transition is Hungary. The rapid increase in solar energy capacity recorded in the country in recent years indicates that growth has exceeded projections.

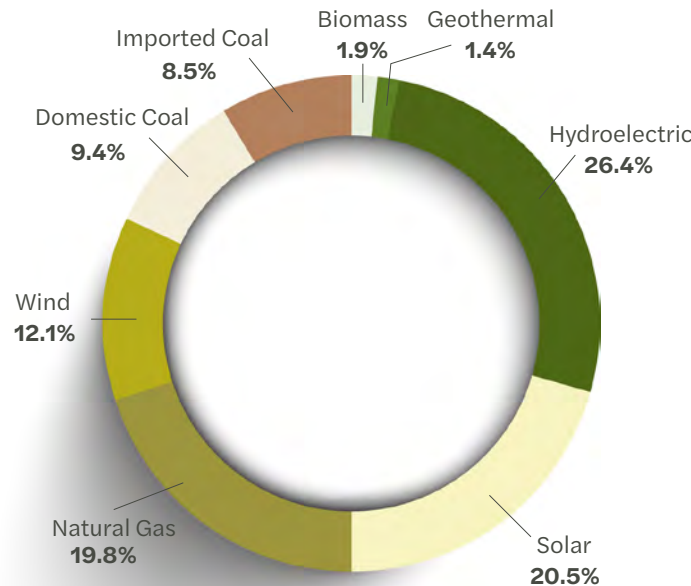
According to data from the Hungarian transmission system operator (MAVIR, 2025), as of December 2025, the country's total installed capacity reached 12.09 GW, with solar energy capacity accounting for approximately 4.8 GW—roughly 40% of the total installed capacity. Thus, solar energy has become the source with the highest share in Hungary's electricity system. Along with the increasing capacity, significant momentum is also observed in energy storage investments, with storage systems emerging as a critical element supporting the flexibility of the electricity system.

Renewable Energy in Türkiye

The renewable energy transition in Türkiye is gaining momentum, particularly through investments in wind and solar energy. According to data from the Ministry of Energy and Natural Resources (ETKB), by the end of 2025, Türkiye's total installed electricity capacity reached 122.52 GW.

When analyzed by source, solar and wind energy account for 32.6% of the total installed capacity. In 2025, 10.9% came from wind energy, and 10.5% from solar energy. Accordingly, more than one-fifth of total electricity generation was supplied by wind and solar sources.

As of the end of 2025, the distribution of installed electricity capacity by source is as follows:



Perspectives on Energy Transition in Türkiye

Türkiye's long-term perspective on energy transition is shaped by the "Türkiye National Energy Plan" and the "2035 Renewable Energy Roadmap." Within this framework, the goal is to increase the total installed capacity of wind and solar energy to 120 GW by 2035. Specifically for wind energy, the target is a total installed capacity of 48 GW, including 5 GW of offshore wind. In line with these targets, the projected 120 GW of installed capacity in wind and solar energy by 2035 is expected to generate an investment volume of approximately \$80 billion. As of the current outlook, the total capacity in the investment pipeline stands at approximately 69,600 MW. ([Turkish Wind Energy Association \[TUREB\], 2026](#))

The source-based breakdown of total wind and solar capacity in the investment phase as of the end of 2025:



Wind Power Plants in Türkiye in 2025

With the new power plants commissioned throughout the year, there has been a significant increase in wind energy capacity. A total of 2.14 GW of new wind energy installed capacity was added to the grid in 2025. As a result, Türkiye's total installed wind energy capacity increased by 15.53% compared to the previous year, reaching 15,934.05 MW as of January 2026. In the same year, electricity generated from wind energy accounted for 12.18% of total generation. ([Turkish Wind Energy Statistics Report, TUREB, 2026](#))

The Turkish wind energy sector boasts a robust and diverse investor base. ***Polat Enerji, which has held a leading position in the sector for many years, continues to be one of the sector's leading and pioneering players today with an installed capacity of 776.9 MW.***

The year 2025 marks a period characterized not only by capacity increases but also by the clarification of policies and investment mechanisms supporting the sector. In this context, the Renewable Energy Resource Areas Wind Power Plants (YEKA WPP) 2025 tenders have played a critical role in integrating new wind energy capacity into the system. While a total of 1,150 MW of capacity was allocated across different regions under these tenders, the intense interest from investors has fostered a highly competitive environment.

In light of these developments, 2025 marked a period of growth in installed capacity for Türkiye's wind energy sector; it was also a year in which the sector moved toward a more mature structure in terms of the investment environment, regulatory framework, and technology integration.





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2.3. Vision, Mission, Values

2.4. Power Plants

2.5. Polat Enerji in 2025



2.1. Polat Enerji at a Glance

As Polat Enerji, we began our operations in 2000 based on the principle of sustainability. By focusing on Türkiye’s wind energy potential, we contribute to clean energy generation through our five wind power plants, one of which includes a hybrid solar power plant.

Through our Soma, Geycek, Göktepe, Poyraz, and Ege wind power plants, we rank among Türkiye’s largest wind power plant investors. Our Soma Wind Power Plant, a key component of our wind energy portfolio, stands out as Türkiye’s largest wind power plant in terms of installed capacity and generation capacity. While conducting our energy generation activities, we prioritize respect for the environment, occupational health and safety, and a commitment to responsible business practices.

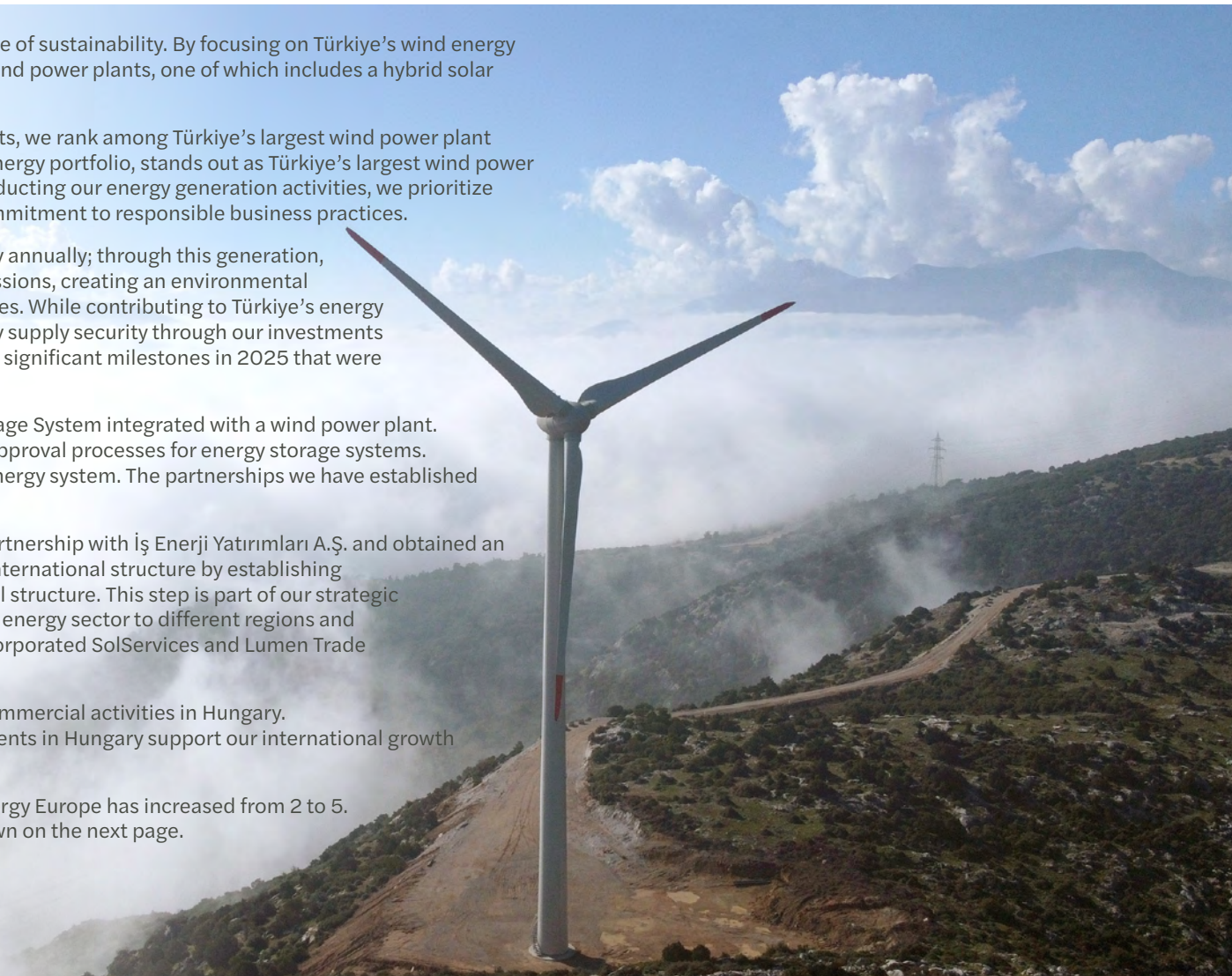
In this context, we generate approximately 2.3 billion kWh of electricity annually; through this generation, we help prevent approximately 1.3 million tons of greenhouse gas emissions, creating an environmental benefit equivalent to the annual carbon sequestration of 55 million trees. While contributing to Türkiye’s energy transition with our robust generation infrastructure, we support energy supply security through our investments in hybrid systems and storage investments. In this regard, we achieved significant milestones in 2025 that were “firsts” in three distinct areas.

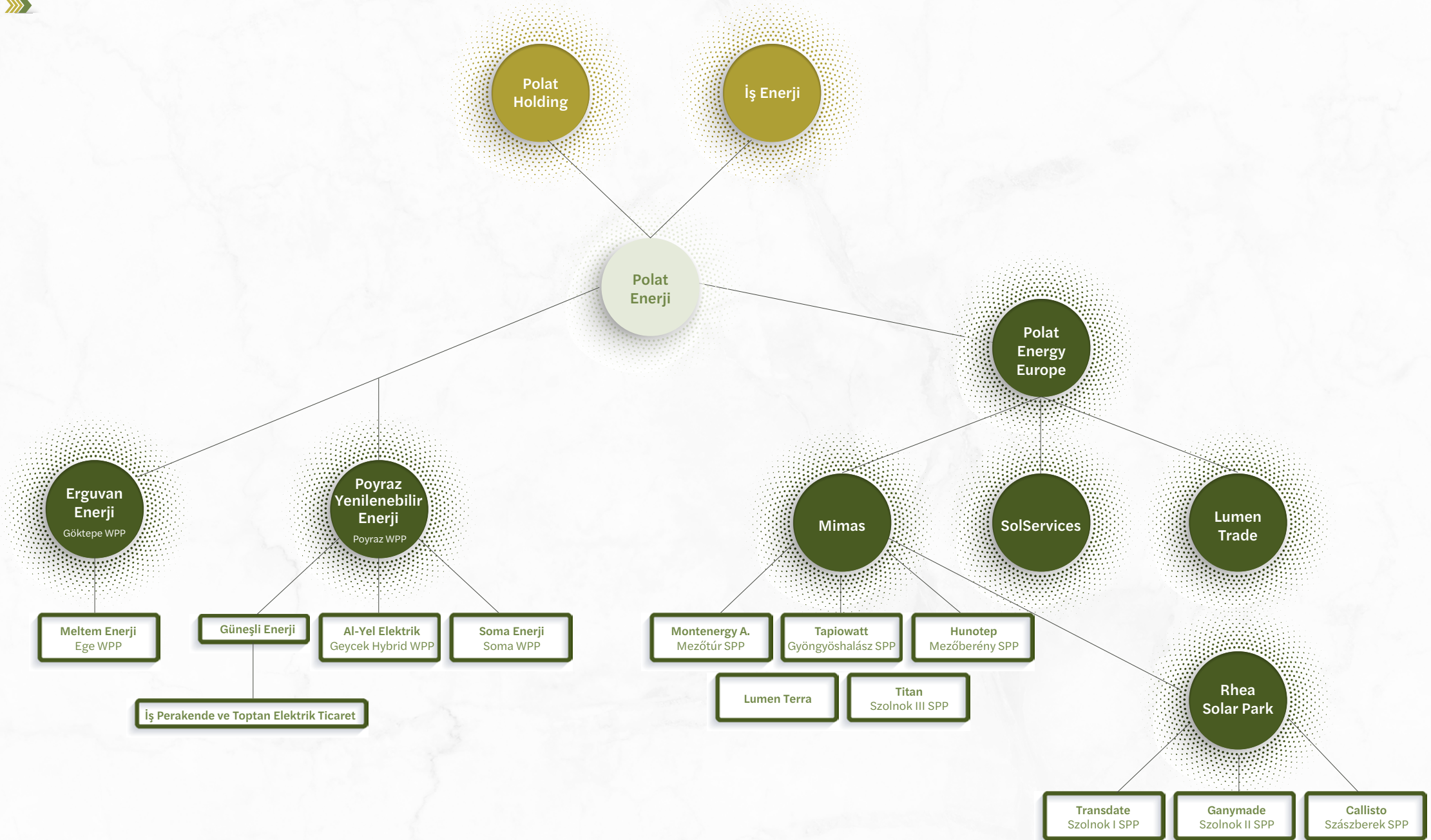
We launched Soma BESS as Türkiye’s first grid-connected Energy Storage System integrated with a wind power plant. With Ege BESS, we completed Türkiye’s first licensing, incentive, and approval processes for energy storage systems. We also commissioned Geycek BESS as the first multi-source hybrid energy system. The partnerships we have established with various stakeholders form a crucial part of our value chain.

Within this scope, we established a new trading company under our partnership with İş Enerji Yatırımları A.Ş. and obtained an aggregator license through this entity. In 2024, we strengthened our international structure by establishing Polat Energy Europe and transitioning to a multinational organizational structure. This step is part of our strategic growth approach, which aims to extend our expertise in the renewable energy sector to different regions and contribute to the energy transition on a broader scale. In 2025, we incorporated SolServices and Lumen Trade into Polat Energy Europe.

While SolServices handles office operations, Lumen Trade manages commercial activities in Hungary. Additionally, Rhea Solar Park has joined the Mimas group. Our investments in Hungary support our international growth objectives.

With these developments, the number of power plants under Polat Energy Europe has increased from 2 to 5. Polat Enerji’s partnership structure and subsidiary companies are shown on the next page.





2.2. Polat Enerji: From the Past to the Present

2000
Polat Enerji was established with the aim of operating in the renewable energy sector.

2008
A partnership agreement was signed with EDF Renewables.

2009
The first wind power plant, Soma WPP, commenced operations.

2011
Seyitali WPP was commissioned.

2012
Poyraz WPP began electricity generation.

2013
Geycek WPP was commissioned.

2014
A partnership was established with PSP Investments.

2015
With the completion of a 100 MW capacity increase at Soma WPP, the total installed capacity reached 240.1 MW.

2016
With the completion of capacity expansions, Poyraz WPP has reached 66.9 MW, and Seyitali WPP has reached 36 MW of installed capacity.

2019
Cingilli SPP commenced operations.

2020

With the completion of a 48 MW capacity increase at Soma WPP, the total installed capacity rose to 288.1 MW.

2021

Polat Enerji's shareholder structure was reorganised to 50% Polat Holding, 50% Maxis Girişim Sermayesi Portföy Yönetimi A.Ş., and the Clean Energy Venture Capital Fund.

2022

- The Göktepe WPP was commissioned.
- With the completion of the capacity increase at Seyitali WPP, the installed capacity reached 40.7 MW.

2023

- With the completion of an 8.4 MW capacity increase at Göktepe WPP, the installed capacity reached 118.4 MW.
- Maxis Girişim Sermayesi Portföy Yönetimi A.Ş. transferred its shares to İş Enerji Yatırımları A.Ş., establishing a 50-50 joint venture between Polat Holding and İş Enerji in Polat Enerji.

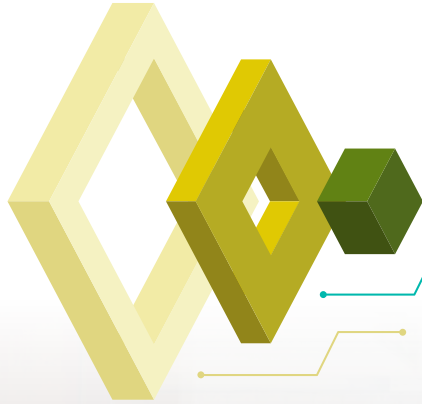
2024

- A 46.6 MWm hybrid solar power plant investment was completed in the Geycek WPP project.
- Capacity increases totalling 12.6 MWm were completed at Poyraz WPP and Soma WPP.
- A grid-scale energy storage system with a capacity of 4 MW/4 MWh was installed at Soma WPP.
- PE Europe was established, marking the transition to a multinational structure

2025

- An agreement was signed between Polat Enerji and Rolls-Royce to supply Türkiye's largest Battery Energy Storage System (BESS).
- An agreement was signed by Polat Enerji with BayernLB and the Turkish Industrial Development Bank (TSKB) for a 22-year loan worth 127 million euros.
- The ETKB approval for the 4 MW / 4 MWh Battery Energy Storage System (BESS) at the Soma WPP was completed, and the first BESS project integrated with wind power was implemented.
- The Ege Wind Power Plant became the first facility in Türkiye to receive approval under the licensed storage (DRES) framework.
- The Geycek Power Plant is Türkiye's first multi-source hybrid power plant (WPP-SPP-BESS).
- The 160 MW R25 Balıkesir-1 WPP project was awarded under the YEKA WPP-2025 program.
- The "Light Up the Future with Women's Labour" project was launched in collaboration with the Association of Women Entrepreneurs (KAGİDER).
- The Göktepe Hybrid Wind and Energy Storage Project was honored with the "Highly Commended" award at the Energy Storage Awards 2025.
- The company İş Perakende ve Toptan Elektrik Ticaret A.Ş. was established as a joint venture between Polat Enerji and İş Enerji.
- Rhea Solar Park joined the Mimas group.
- Shares in Rhea, SolServices, and Titan were acquired.

2.3. Vision, Mission, Values



Our Vision

Building on our leading position in the energy sector, we strive to expand our renewable energy investments, particularly in wind and solar, to help create a sustainable future while contributing to the growth and development of future generations.

Our Mission

With our environmentally friendly and innovative investments, we generate clean energy from renewable resources and build a sustainable future for new generations.

Our Values

Reliability: Our priority is always to be reliable. We build strong, lasting relationships with all our stakeholders.

Leadership: We are pioneers and guides. We implement practices that set an example.

Ownership: We take initiative and responsibility. We stand firmly behind our work until the very end.

Teamwork: We trust and support each other. We believe in common success and encourage collaborations.

Continuous Development: We stay curious, learn, and embrace change. We prepare ourselves and our work for the future.

We do not simply generate energy; we redefine it with a sense of responsibility for a sustainable future.



2.4. Power Plants

2.4.1. Our Power Plants in Türkiye

5 Power Plants

776.9 MWm / 683 MWe

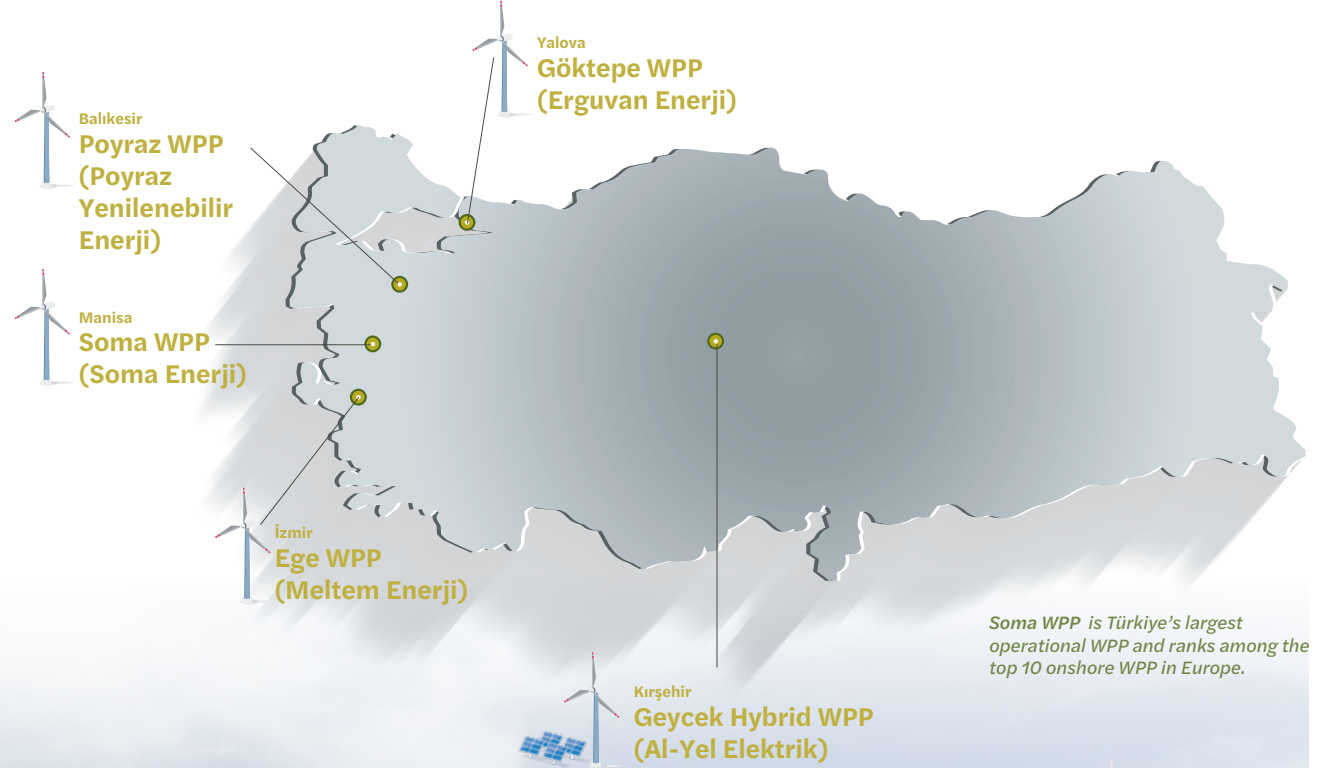
Installed Capacity

2,298.5 GWh

Annual electricity generation

765,000 Households

Clean energy generation to meet electricity consumption: Annual
Approximately 765,000 households



Manisa

Soma WPP

Soma Enerji

- **Installed capacity:** 328.9 MWm – 304.1 MWe
- **Storage:** 4 MW – 4 MWh
- **Number of turbines:** 185
- **Avoided emissions:** 565,000 tons CO₂e / year
- **Location:** Soma, Manisa
- **Year of commissioning:** 2009



Kırşehir

Geycek Hybrid WPP

Al - Yel Elektrik

- **Installed capacity:** 220.2 MWm – 172.2 MWe
- **Hybrid Solar:** 46.6 MWp
- **Storage:** 10 MW – 13.4 MWh
- **Number of turbines:** 71
- **Avoided emissions:** 268,970 tons CO₂e / year
- **Location:** Mucur, Kırşehir
- **Year of commissioning:** 2013



Balıkesir

Poyraz WPP

Poyraz Enerji

- **Installed capacity:** 85.5 MWm – 75.3 MWe
- **Number of turbines:** 36
- **Avoided emissions:** 133,410 tons of CO₂e / year
- **Location:** Kepsut, Balıkesir
- **Year of commissioning:** 2012



Yalova

Göktepe WPP

Erguvan Enerji

- **Installed capacity:** 121.1 MWm – 118.4 MWe
- **Storage (Under Construction):** 109.9 MW – 132.8 MWh
- **Number of turbines:** 29
- **Avoided emissions:** 217,650 ton CO₂e / year
- **Location:** Armutlu, Yalova
- **Year of commissioning:** 2020



İzmir

Ege WPP

Meltem Enerji

- **Installed Capacity:** 21.2 MWm-21.2 MWe
- **Storage:** 22.7 MW – 26.6 MWh
- **Number of turbines:** 6
- **Avoided emissions:** 26,610 tons CO₂e /year
- **Location:** Kemalpaşa, İzmir
- **Year of commissioning:** 2015



2.4.2. Our Power Plants in Hungary

5 Power Plants

294.2 MWm / 208.8 MWe

Installed Capacity

398.5 GWh

Annual electricity generation

145,000 Households

Clean energy generation to meet electricity consumption: Enough for approximately 145,000 households annually



Hungary

Mezőtúr SPP

Mont Energy Alföld

- **Installed capacity:** 66.4 MWp – 49.7 MWe
- **Avoided emissions:** 54,733 tons CO₂e / year
- **Location:** Mezőtúr, Hungary
- **Year of commissioning:** 2024

Hungary

Gyöngyöshalász SPP

Tapiowatt Kft.

- **Installed capacity:** 20.1 MWp – 15 MWe
- **Avoided emissions:** 19,898 tons CO₂e / year
- **Location:** Gyöngyöshalász, Hungary
- **Year of commissioning:** 2025

Hungary

Szolnok I-II SPP

Transdate and Ganymade Solarparks

- **Installed capacity:** 138.3 MWp – 96.0 MWe
- **Avoided emissions:** 38,182 tons CO₂e / year
- **Location:** Szolnok, Hungary
- **Year of commissioning:** 2022

Hungary

Szászberek SPP

Callisto Solarpark

- **Installed capacity:** 69.6 MWp – 48 MWe
- **Avoided emissions:** 21,563 tons CO₂e / year
- **Location:** Szászberek, Hungary
- **Year of commissioning:** 2023

2.4.3. Our Trading Activities

Polat Enerji has been operating in the Turkish electricity market since 2009. While effectively managing our renewable energy generation portfolio, we market the electricity we generate in accordance with market conditions; in our energy trading activities, we focus on enhancing the efficiency of our commercial processes through market analysis and data-driven approaches.

By leading the integration of renewable energy generation into the free market, we became the first in Türkiye to sell electricity generated from solar energy under bilateral agreements in 2019. Additionally, we continuously pursue efforts to reduce imbalance costs through the development of generation forecasts and portfolio optimization.

Since 2020, carbon credits totaling 2,008,868 tCO₂e have been issued for our Soma, Geycek, Ege, and Poyraz WPPs, which are registered with the Gold Standard. The certification process for Göktepe WPP is ongoing. The issued credits have not yet been sold, and we continue to manage our carbon asset portfolio in line with our strategic priorities.

Following the publication of the Regulation on Aggregation Activities in the Electricity Market in December 2024, which entered into force on January 1, 2025, we established İş Perakende ve Toptan Elektrik Ticaret A.Ş. in partnership with İş Enerji Yatırımları A.Ş. to conduct our operations in this sector under a more institutionalized structure. İş Perakende operates to collect electricity from power plants with a capacity of less than 100 MW and supply it to the market, as well as to sell electricity to consumers exercising their right to choose a supplier. In light of evolving regulations, we have begun efforts to manage the imbalance of electricity generation in our Turkish operations entirely through our internal resources starting in 2026.

As part of our international expansion, we established Lumen Trade in 2025 to conduct our trading activities in Hungary. Through our trading operations in Türkiye and Hungary, we are moving beyond being merely a company that produces renewable energy; we are transforming into a robust structure that integrates and manages generation, trading, and sales processes.

In line with this vision, we effectively manage the commercial operations of our power plants, which generate 2.3 billion kWh annually. Additionally, through the energy storage systems we commissioned at our Soma, Geycek, and Ege Wind Power Plants in 2025, we are increasing our generation flexibility; by proactively evaluating price opportunities in the electricity market, we are strengthening our commercial performance.



2.5. Polat Enerji in 2025

Throughout 2025, we advanced our operations with a focus on strengthening our renewable energy generation, implementing our energy storage investments, securing long-term financing sources, and continuing our social impact programs. In this context, we strengthened our organizational and operational structure to expand our operations in Europe under the Polat Energy Europe umbrella; we accelerated our transition to a multi-regional generation structure with the contribution of our solar power plants in Hungary. While expanding our scope of operations through the trading companies we established in Türkiye and Hungary, we strengthened our presence in the energy trading sector in both countries with İş Perakende ve Toptan Elektrik Ticaret A.Ş. obtaining an aggregator license and Lumen Trade securing an energy trading license.

In this context, in addition to developing our existing projects, we have strengthened our contribution to social impact by implementing initiatives such as the Capacity Development Program for the Energy Sector, the “Light Up the Future with Women’s Labour” Project, and the “Green Light to the Future” Project. Throughout the year, we designed the projects we implemented with the goals of increasing flexibility in the energy system, using renewable resources more efficiently, and strengthening social benefits in the regions where we operate.

To develop human resources for the energy sector, we designed the Energy Sector Capacity Development Program, which we will implement in collaboration with the European Bank for Reconstruction and Development (EBRD) and Manisa Celal Bayar University. As part of the program, which is planned to last at least one year, we have completed the interview processes to connect young engineering candidates with the sector; We plan to launch the training programs in the Spring Semester of 2025–2026. We completed the project’s preliminary preparations and student selection processes in 2025.

Through our “Light Up the Future with Women’s Labour” project, carried out in collaboration with KAGİDER, we aim to support women’s entrepreneurship and contribute to sustainable regional development. As part of this project, which seeks to strengthen women’s economic independence and promote local generation, we focus on making women’s labor visible in the regions where we operate.

In our operations in Hungary, we are also working to create long-term social benefits in the regions where we operate through various corporate social responsibility projects.



YEKA-WPP 2025 Tenders

We have strengthened our portfolio by achieving a significant success in the YEKA WPP-2025 tenders. In the YEKA WPP-2025 tenders organized by the Ministry of Energy and Natural Resources of the Republic of Türkiye, we took a significant step by winning the **160 MW R25 Balıkesir-1 WPP** project. With this success, we have not only reinforced our competitive strength in the renewable energy sector but also advanced the energy transition.



A Pioneering Step in Energy Storage

In 2025, we advanced our work in the field of energy storage through significant projects. We commissioned our energy storage application at our Soma WPP site. As part of this effort, we completed the ETKB approval process for our 4 MW / 4 MWh capacity Battery Energy System (BESS) project and put the system into operation. Thus, we implemented the first-of-its-kind BESS project in Türkiye that operates in integration with a wind power plant. While maintaining our position as Türkiye's largest wind power plant with the Soma WPP, which has an installed capacity of 328.9 MWm / 304.1 MWe, we have established a model example of the combined use of renewable energy generation and storage technologies through the storage system implemented at this site.

At our Ege Wind Power Plant (Ege WPP) site in Izmir, we have successfully completed the acceptance process with the Ministry of Energy and Natural Resources (ETKB) following the completion of the storage-based capacity expansion project we developed in collaboration with SolarToday Türkiye and iNOVAT. **With this project, we became Türkiye's first licensed wind power plant with energy storage to obtain a generation license, receive project approval, benefit from investment incentives, and complete the final acceptance process.** We have installed a 15.17 MWh energy storage system at our Ege WPP site. We designed the system to operate in an integrated manner with Contemporary Amperex Technology Co. Limited (CATL) batteries, a Power Conversion System (PCS), and the PowerKonnekt Energy Management System. Thanks to this infrastructure, we are now able to store the electricity generated from wind energy and feed it back into the grid when needed. We are currently continuing our Phase 2 work to increase the total battery capacity to 28.16 MWh.

At Geycek WPP, we have successfully implemented our multi-source generation approach through a hybrid generation model that ombines wind, solar, and energy storage under a single license. We have completed the approval process with the Ministry of Energy and Natural Resources (ETKB) for the Geycek Energy Storage System, which has a capacity of 13.42 MWh and 10 MWe, as of December 31, 2025. With this project, the Geycek Power Plant has earned the distinction of being the first and only hybrid energy plant in Türkiye to combine wind, solar, and battery energy storage systems under a single license.



Investments and Financing

As Polat Enerji, we have taken steps in 2025 to strengthen long-term investment financing. As part of this effort, we secured 127 million euros in financing from BayernLB under an ECA loan insured by Euler Hermes, backed by a 143 million euro guarantee from the Industrial Development Bank of Türkiye (TSKB).

This collaboration, which serves as a milestone for Türkiye’s energy sector and represents one of the longest-term financing agreements in Turkish history with a 22-year maturity, has once again demonstrated Polat Enerji’s strong and reliable position both in Türkiye and in Europe. This funding, secured under favorable and competitive terms, also reinforces confidence in Türkiye’s renewable energy sector.

With this financing, we are implementing a 110 MW increase in wind capacity and a 132 MW energy storage investment as part of our Geycek WPP, Ege WPP, and Göktepe WPP projects. This investment package will expand our renewable energy portfolio, increase our generation flexibility, and contribute to grid stability. At the same time, by making one of the largest investments in energy storage in Türkiye to date, we will strengthen our leading position in the sector.

In addition, under the \$5 million financing we secured from the EBRD for the Geycek Hybrid WPP project, we are securing funds at a highly favorable interest rate of 1.1%—significantly lower than market rates—by utilizing the Clean Technology Fund for the solar, wind, and storage investments we are developing under the same project umbrella. This financing marks a first in its field in Türkiye.

In 2025, we achieved a total capacity increase of 24.16 MWm / 22.8 MWe at our Soma, Geycek, and Ege power plants.

As part of the acceptance processes we conducted for energy storage systems, we achieved three significant milestones at our Soma, Ege, and Geycek power plants.

First-of-Their-Kind Milestones in Türkiye

- **Soma BESS:** Türkiye’s First Grid-Connected Renewable Energy Storage System
- **Ege BESS:** The first license, incentive, and approval obtained for an Energy Storage System in Türkiye
- **Geycek BESS:** The first and only multi-source hybrid energy system (WPP-SPP-BESS)

Our BESS (Energy Storage System) Acceptance Processes Completed in 2025

Project	Date	Capacity (MWh / MWe)
Soma BESS 	October 4, 2025	4 / 4
Ege BESS 	December 13, 2025	15.2 / 12.8
Geycek BESS 	December 31, 2025	13.4 / 10
TOTAL		32.6 / 26.8

Our Wind Power Plant (WPP) Acceptance Processes Completed in 2025

Plant	Date	Capacity (MWm / MWe)
Soma WPP 	January 16, 2025	4.2 / 4
Soma WPP  	February 7, 2025	8.4 / 8
Total (Soma)		12.6 / 12
Geycek Hybrid WPP 	December 5, 2025	5.6 / 4.2
Ege WPP  	December 26, 2025	6 / 6
TOTAL		24.1 / 22.8

 Indicates the number of turbines.



Türkiye Operations Installed Capacity and Storage Information									
			Soma Enerji	Al-Yel Elektrik	Erguvan Enerji	Poyraz Yenilenebilir Enerji	Meltem Enerji	Balıkesir-1 YEKA	Total
			Soma	Geycek	Göktepe	Poyraz	Ege		
Power Plant Capacity	Installed Capacity	MWm- MWp	328.90	220.19	121.10	85.50	21.20	-	776.89
		MWe	304.10	172.20	118.40	75.30	21.20	-	691.20
	In the Investment Phase	MWm- MWp	-	* 11.00	** 105.00	-	* 12.00	* 160.00	288.00
		MWe	-	-	** 105.00	-	* 11.80	* 160.00	276.80
Storage Capacity	Installed Power	MW	4.00	10.00	-	-	12.80	-	26.80
		MWh	4.00	13.42	-	-	15.20	-	32.62
	In the Investment Phase	MW	-	* 20.00	**109.90	-	**9.90	-	139.80
		MWh	-	* 26.80	** 132.80	-	** 11.40	-	171.00

			Hungary Operations Installed Capacity and Storage Information										
			Montenergy A.	Tapiowatt	Transdate	Ganymade	Titan	Callisto	Hunotep	Szabadszállás	Mimas	Mimas	Total
			Mezőtúr	Gyöngyöshalász	Szolnok I	Szolnok II	Szolnok III	Szászberek	Mezőberény	Szabadszállás	Balatonberény	Tereske	
Power Plant Capacity	Installed Capacity	MWp	66.30	20.00	69.00	69.30	-	69.60	-	-	-	-	294.20
		MWe	49.80	15.00	48.00	48.00	-	48.00	-	-	-	-	208.80
	In the Investment Phase	MWp	-	-	-	-	* 13.00	-	** 64.20	* 27.00	-	-	104.20
		MWe	-	-	-	-	* 10.00	-	** 49.80	* 20.00	-	-	79.80
Storage Capacity	Installed Capacity	MW	-	1.50	-	-	-	-	-	-	-	-	1.50
		MWh	-	3.80	-	-	-	-	-	-	-	-	3.80
	In the Investment Phase	MW	** 25.00	-	* 30.00	* 30.00	* 3.00	* 30.00	** 30.00	-	* 3.00	* 18.00	169.00
		MWh	** 53.70	-	* 60.20	* 60.20	* 6.00	* 60.00	** 60.20	-	* 12.00	* 108.00	420.30

* Under development
** Under construction

Plant	OPERATIONAL
	1,071 MWm / 900 MWe
	UNDER CONSTRUCTION
	169 MWm / 155 MWe
	DEVELOPMENT
	223 MWm / 202 MWe
	TOTAL
	1463 MWm/ 1257 MWe

Storage	OPERATIONAL
	28 MW/ 36 MWh
	UNDER CONSTRUCTION
	175 MW / 258 MWh
	DEVELOPMENT
	134 MW / 333 MWh
	TOTAL
	337 MW / 627 MWh

2.5.1. 2025 Projects at Power Plants

Soma WPP (Soma Enerji)

- As of February, we commissioned three E-138 turbines and increased our installed capacity to 304.1 MWe. As a result, we continue our operations as the first and only wind power plant (WPP) to exceed 300 MWe of installed capacity.
- In October, we successfully completed the acceptance testing of Türkiye's first Energy Storage System (4 MW / 4 MWh) integrated with a renewable energy power plant.
- We completed the switchgear maintenance work with our maintenance team and replaced two faulty voltage transformers at the Soma WPP.
- We replaced all concrete covers in the switchgear area with steel covers and relocated the existing plumbing from inside the switchgear building to the exterior, thereby creating a safer operating environment.

Geycek Hybrid WPP (Al-Yel Elektrik)

- As of January 1, we commissioned the 46.6 MW SPP-1 and SPP-2 solar power plants—part of the hybrid system—at the Geycek WPP, installed the medium-voltage (MV) enclosed switchgear system, and put the new cells into operation. With this investment, we have increased the total installed capacity of the Geycek Power Plant to 214.6 MW.
- In April, we successfully conducted Reactive Power Support Performance Tests. As part of this effort, we became the first in Türkiye to complete reactive power support performance tests in a hybrid structure (WPP-SPP) and received certification.
- In December, we increased our installed capacity by obtaining ministry approval for one turbine.
- We ensured system continuity by replacing the faulty analog measuring instrument and measurement transducer identified in the control system with spare equipment.
- In December, we commissioned the system at the Geycek Hybrid Wind Power Plant by connecting an additional medium-voltage (MV) cell to the common busbar as part of the Energy Storage System. As a result, we began operating the Geycek Power Plant as Türkiye's first and only Integrated Renewable Electricity Generation Facility, which combines wind power, solar power, and BESS systems under a single structure.
- With the commissioning of the BESS system, we have enhanced the Master SCADA software and successfully completed all tests.

Poyraz WPP (Poyraz Yenilenebilir Enerji)

- We performed scheduled maintenance on transformers and switchgear.

Göktepe WPP (Erguvan Enerji)

- We performed scheduled preventive maintenance on our transformers, switchgear systems, and MV (Medium Voltage) overhead lines.
- By ensuring the participation of our plant control operators in the ABB factory acceptance tests conducted as part of the project, we both raised awareness and supported the training processes.

Ege WPP (Meltem Enerji)

- Throughout the year, we carried out planned periodic maintenance work as part of our operational activities.
- In December, we completed the Ministry of Energy and Natural Resources (ETKB) acceptance for the Energy Storage System with a capacity of 15.1 MWh / 12.8 MWe. In this context, regarding the facility in question and Law No. 6446 on Electricity, we have become the first licensed wind energy storage plant (DRES) in Türkiye to receive a license, obtain project approval, benefit from investment incentives, and undergo acceptance under Article 7, Paragraph 11 of the Electricity Market Law No. 6446.
- In December, we commissioned two turbines (totaling 6 MWm / 6 MWe) and completed the acceptance process with the Ministry of Energy and Natural Resources. As part of this, we increased our power plant's installed capacity to 21.2 MWm / 21.2 MWe for renewable energy and 15.2 MWh / 12.8 MWe for energy storage.

2.5.2. Availability Rates

The Availability Rate is one of the key operational performance indicators that reflects the period during which our power plants are technically ready for generation. This indicator takes into account planned maintenance and outage-related downtime; generation constraints related to primary energy sources such as wind and solar are not included in the calculation. The Availability Rate is regularly monitored to track the effectiveness of maintenance and operational processes.

Türkiye and Hungary Power Plants		2025
Polat Enerji	Soma WPP	99.1%
	Geycek WPP	99%
	Geycek SPP	99.6%
	Göktepe WPP	97%
	Poyraz WPP	99.3%
	Ege WPP	98.9%
Polat Energy Europe	Gyöngyöshalász SPP	99.1%
	Mezőtúr SPP	97.9%
	Szolnok I-II SPP	100%
	Szászberek SPP	98.5%



2.5.3. Awards

The successes we achieved throughout 2025 on national and international platforms have once again demonstrated our strong position in the renewable energy and energy storage sectors. The projects we developed and the applications we implemented have ensured that our pioneering approach in the sector is recognized by various organizations; in particular, our work in the fields of energy storage and hybrid systems has attracted attention on an international scale.

Polat Enerji was shortlisted/finalist in four categories at the Energy Storage Awards 2025:

- Best EU Project Over 100 MW - Göktepe BESS
- Best EU Project Under 100 MW - Geycek BESS
- Best European Energy Storage Project of the Year - Göktepe BESS
- Best Grid-Scale Co-located or Hybrid Energy Storage Project of the Year - Göktepe BESS

Award Winner

- Best EU Project Over 100 MW - Göktepe BESS

Our Göktepe Hybrid Wind Power Plant and Battery Energy Storage System project has been honored with a Highly Commended Award in the “Best EU Project” category for projects exceeding 100 MW.

Additionally, our company SolServices, under the Polat Energy Europe umbrella, has been listed among Europe’s leading solar energy companies in the “Top Solar PV Companies in Europe 2025” list prepared by Energy Business Review.



Strategy and Business Model

3.1. Business Model

3.2. Value Chain

3.3. Investment Plans & Economic Performance

3.4. Sustainability Strategy

3.5. Stakeholder Engagement

3.6. Materiality Analysis

3.7. Risk Management

3.8. Sustainable Development Goals



3.1. Business Model

Business Model

Our business model covers the full lifecycle of renewable energy projects - from development and permitting through construction and long-term operation. Our activities centre on project development, equipment procurement, contractor management, operational performance, and access to financing. Rather than focusing solely on generation processes, we structure our operations around project development decisions, field implementation, contractor and supplier management, operational performance, permitting processes, and access to financing.

We Develop

By identifying the potential of renewable energy resources, we design our project development processes with environmental and social responsibility at their core. From site selection to permitting, and from feasibility studies to environmental impact assessments, every stage is carried out with respect for nature and society.

- Optimizing the use of wind and solar resources
- Responsible project development in accordance with environmental and social impact assessments
- Compliance with high standards in legal and technical processes

We Build

We construct our projects to be ecosystem-compatible, highly efficient, and long-lasting, in line with national and international standards. In doing so, we place the highest priority on safety, environmental protection, and support for local development.

- Deployment of the latest and most efficient wind and solar technologies
- Grid-connected energy storage solutions
- Environmental care and occupational health and safety as key principles in construction activities

We Operate

We do not merely operate our power plants; we manage them effectively to maximize efficiency, continuity, and environmentally friendly generation. We continuously optimize energy generation through data monitoring systems, digital infrastructure, and strategies for grid integration.

- 2.3 billion kWh of annual electricity generation
- 1.3 million tons of CO₂e annual emissions reduction
- Power plant management that combines wind and solar energy sources using hybrid systems
- Uninterrupted energy generation with battery energy storage systems

We Contribute

In every region where we operate, we go beyond energy generation to create sustainable value for society and the environment. Our contributions extend from gender equality to raising climate awareness among children, and from environmental protection initiatives to strengthening local employment.

- Türkiye’s and the world’s first “Gender Equality Credit” initiative
- Providing education on renewable energy to children through the “Green Light to the Future” project
- Prioritizing investment decisions that support environmental protection
- Prioritizing local suppliers and local employment
- Contributing to women’s development in the social sphere through the “Light Up the Future with Women’s Labour” Project

Phase

Main Goal

Our Impact

Develop

To develop projects that are in harmony with nature and society

Sustainable site selection and project planning

Build

To build high-efficiency, safe, and environmentally friendly power plants

Increasing renewable energy capacity

Operate

Efficient, uninterrupted, and climate-friendly generation

Clean energy generation and carbon reduction

Contribute

Creating social and environmental value

Equitable social projects and environmental protection

3.2. Value Chain

We conduct our operations within a comprehensive value chain that spans from the development to the operation of renewable energy projects. We bring our projects to life by collaborating with our suppliers, contractors, public authorities, and other stakeholders at every stage of our value chain.

The key stages of our operations within the value chain:		
Upstream Operations	Our Own Operations	Downstream Operations
Raw Material and Component Suppliers	Technical Appraisal	Distribution Companies
Contractors and Service Providers	Project Planning	Transmission Company
Logistics and Integration Services	Maintenance and Operations	Community
Construction and Installation Operations	Government Relations and Licensing	Government Agencies
	Finance	



3.3. Investment Plans & Economic Performance

As Polat Enerji, through the investments we made in 2025, we are strengthening our current capacity while maintaining our strong position in the renewable energy sector and continuing our sustainable growth. By focusing on energy generation from renewable sources, we are integrating our wind and solar investments into a comprehensive framework alongside energy storage systems. In this context, we are developing hybrid and storage applications at our existing power plants and aim to gradually increase our installed capacity.

Energy storage is one of the most critical components of this strategy. Along with ongoing investments, we plan to significantly increase storage capacity in the short term; by applying the experience gained in the field to new projects, we are creating a more flexible and grid-compatible generation structure.

Financial Performance

While expanding our generation capacity through our operations in Türkiye and Hungary, we are also steadily improving our financial performance.

Following the growth of our net asset value to nearly 1 billion U.S. dollars by the end of 2024, our net asset value reached approximately 1.5 billion U.S. dollars by the end of 2025. Building on this strong financial foundation, we are resolutely continuing our investments aimed at expanding our renewable energy portfolio.

Business Development

In this period, where the investment environment has been strengthened by the YEKA mechanism and the sector's development direction has become clearer, we are advancing our growth strategy with even greater determination, alongside capacity increases and the successful winning of the YEKA project tender. These projects are expected to contribute not only to increasing installed capacity but also to the geographical diversification of the portfolio.

In this context, we have taken a significant step toward expanding our portfolio by winning the 160 MW R25 Balıkesir-1 WPP project under the YEKA WPP-2025 competitions organized by the Ministry of Energy and Natural Resources of the Republic of Türkiye.

As part of our investments and projects, we are continuing to grow in Türkiye while expanding our presence in international markets; under the Polat Energy Europe umbrella, we are continuing our project development efforts in Europe and evaluating new investment opportunities. Furthermore, throughout 2025, as we continued our project development activities, we reinforced our efforts with the successes we achieved on both national and international platforms. For more information, [see Awards](#)

1,071 MW

Total Installed Capacity

2,000 MW

2030 Installed Capacity Target

\$158.3 Million

Consolidated Revenue

\$134.6 million

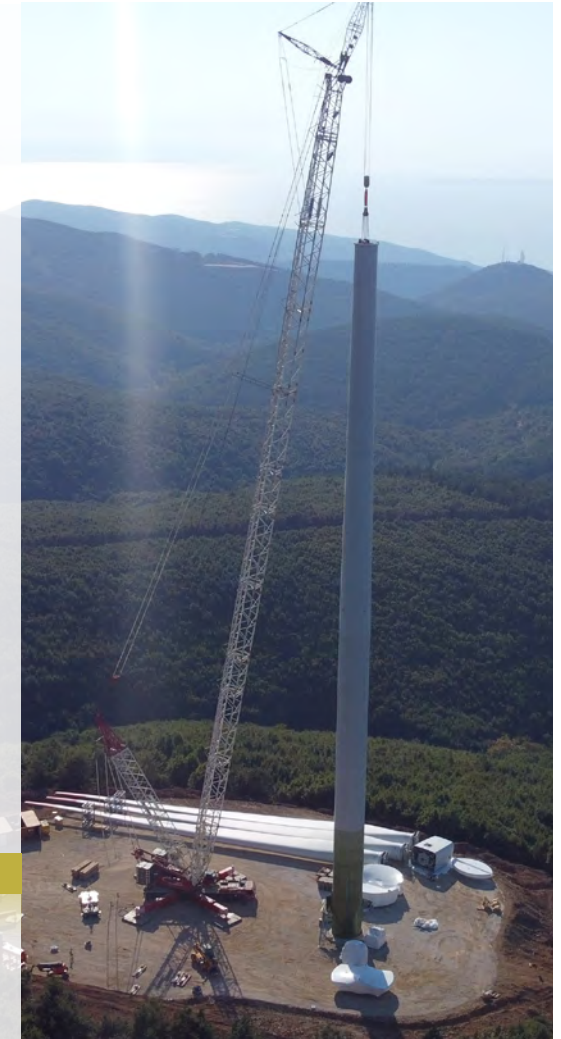
Türkiye

\$23.7 million

Hungary

\$500 Million

Planned Investment: (2025–2029)



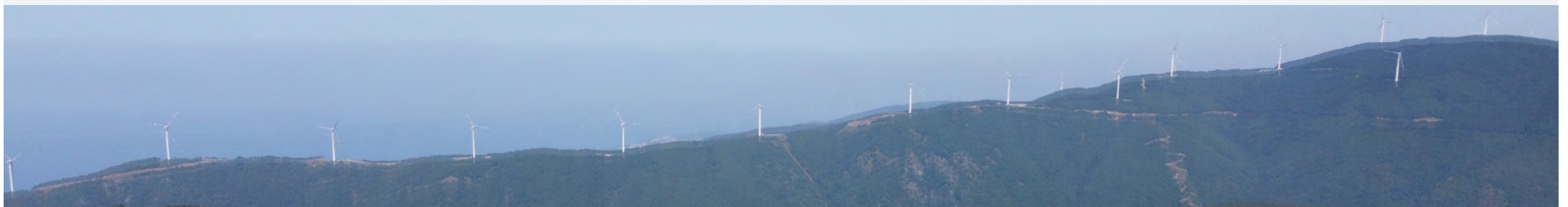
3.4. Sustainability Strategy

We have developed our sustainability strategy in alignment with our sustainability policy and our corporate strategy covering the 2026–2030 period. As Polat Enerji, we are strengthening our leading position in electricity generation based on renewable energy sources; we are expanding our scope of operations through energy storage technologies and international investments. In this context, we position our sustainability strategy as a fundamental component of our long-term value creation approach and business strategy.

The themes and focus areas defined within our Sustainability Strategy are structured from short term, medium term, and long term perspectives. Each theme and focus area is addressed within the framework of its respective priority topic. The focus area under the theme of “Ethics, Compliance, and Transparency-Focused Corporate Governance” is structured to encompass multiple priority topics due to its overlap with multiple shared priority areas.

The table below outlines our sustainability priorities and their timeline.

Key Focus Areas of the Sustainability Strategy					
Theme	Focus Areas	Related Material Topic	Short Term (1–3 years)	Medium Term (3–5 years)	Long term (5–10 years)
Resilient and Sustainable Business Model	Operational Continuity and Organizational Resilience	Management of Climate Risks and Opportunities	x	x	x
		Sustainable Supply Chain Management	x	x	
		Occupational Health and Safety	x	x	
		Data Security	x	x	
		Corporate Social Responsibility	x	x	x
	Renewable Energy and Energy Storage Systems Management		x	x	x
Natural Capital and Circular Asset Management	Biodiversity and Nature-Positive Investment Management	Responsible Environmental Management	x	x	x
	End-of-Life and Life Cycle of Renewable Energy Assets	Circular Economy	x	x	x
Corporate Governance and Sustainable Finance Approach	Corporate Governance Focused on Ethics, Compliance, and Transparency	Business Ethics, Anti-Corruption, and Compliance	x	x	
		Employee Development, Diversity, and Inclusion	x	x	
	Creating Long-Term Value Through Sustainable Finance		x	x	x



3.5. Stakeholder Engagement

At Polat Enerji, we consider building strong relationships with local communities in the regions where we operate and managing these relationships in accordance with the principles of sustainable development to be our top priority. In this context, we ensure that opinions and expectations are effectively reflected in decision-making processes by maintaining regular and transparent communication with our stakeholders, particularly through public participation meetings. We address the social impacts of our energy generation activities through a framework of participation, transparency, and social responsibility, focusing on creating social, economic, and environmental value.

In this regard, we are implementing our Corporate Stakeholder Engagement Plan, which was prepared in accordance with the European Bank for Reconstruction and Development's (EBRD) Performance Requirements. This plan covers a broad scope, including the management of environmental and social risks, labor and working conditions, and public health and safety, while serving as the foundation for a structured and ongoing dialogue with stakeholders. In particular, the active participation of local stakeholders in the process is ensured through field-based public participation meetings, and feedback is systematically evaluated.

To ensure meaningful and continuous engagement with our stakeholders:

- We implement an open-door policy for stakeholder participation, provide regular updates on our company's activities, and hold public participation meetings as needed.
- We take swift action based on feedback from our stakeholders and share the documents and reports we prepare through our website and local administrative centers in accordance with the principle of transparency.
- We establish dedicated communication channels with local communities and vulnerable groups to develop solutions tailored to their needs through direct discussions and special meetings.

We ensure the continuity of communication through various channels by developing customized approaches for different stakeholder groups.

- **National and Local Institutions:** We maintain constant communication regarding administrative processes and regulatory matters through official correspondence, meetings, and public events.
- **Credit Institutions:** We maintain transparent communication through periodic reports and regular meetings regarding financial sustainability and compliance with international standards.
- **Civil Society Organizations (CSOs):** We utilize regular consultation mechanisms and hold meetings to foster collaborations in the area of corporate social responsibility.
- **Media:** We ensure that the public is informed accurately and in a timely manner through press releases, our website, interviews, and press conferences.

Methods of Communication with Stakeholders		
Stakeholder Group	Communication Method	Frequency
Employees	Email, phone, and in-person meetings	Ongoing
	Meetings and training sessions	Once or twice a year
	Digital training programs	Every two months
	Events organized specifically for employees	Once or twice a year
	An internal portal accessible to employees	As needed
	An ethics hotline for employees	As needed
	Announcements and notifications	As needed
Suppliers	Email, phone, and in-person meetings	Four days a week
	In-person and online meetings	Three days a week
	Supplier audits	Four days a month
Government Agencies and Legislative Bodies	Periodic reporting	Every six months
	Meetings and conferences	At least once a year
	Email, phone, and in-person meetings	Three days a week
	Inspections	Once a year
Other Stakeholders	Exhibitions, conferences, trade shows	Two to three times a year
	Website	As needed
	News	As needed
	Social media	Regular interaction two to three times a month
	Suggestion boxes	As needed



3.6. Materiality Analysis

In 2025, we conducted a materiality analysis. We carried out this analysis in line with the GRI reporting approach and using the ESRS materiality methodology. Within this scope, we assessed sustainability issues across two key dimensions:

- **Impact significance:** The level of importance of the impacts our activities have on the environment and society, or the potential impacts they may create
- **Financial materiality:** The potential impact of sustainability-related risks and opportunities on our company's financial performance and long-term value creation capacity

Under this approach, a sustainability issue is considered a material impact if it meets the thresholds established in at least one of the impact materiality or financial materiality dimensions. Impacts, risks, and opportunities that were rated as highly material across both dimensions were designated as high-priority topics for Polat Enerji.

While conducting our materiality analysis, we did not limit our assessment to our own operations; we also took into account the upstream and downstream stages of our value chain. Thus we assessed our sustainability impacts, risks, and opportunities from a holistic perspective.

	Polat Enerji 2025 Material Topics	Definition
1	Business Ethics, Anti-Corruption, and Compliance	It focuses on combating corruption, preventing anti-competitive behavior, and corporate governance processes. In its operations in Türkiye and Hungary, it encompasses the transparent management of all activities, including new investments and permitting processes.
2	Responsible Environmental Management	This includes the protection of biodiversity, emissions and waste management, and energy efficiency. It specifically aims to protect natural ecosystems and prevent pollution during the installation and operation of hybrid (wind-solar) power plants and battery storage facilities.
3	Management of Climate Risks and Opportunities	It examines adaptation to climate change and emission reduction. It includes the management of strategic opportunities such as ensuring the continuity of renewable energy and contributing to grid flexibility through battery storage technologies and hybrid energy solutions.
4	Circular Economy	It focuses on waste management and resource efficiency. It focuses on the recovery of end-of-life batteries, solar panels, and turbine components, as well as the minimization of operational waste.
5	Sustainable Supply Chain Management	It encompasses environmental and social audits of suppliers. It focuses on monitoring human rights, occupational health, and environmental standards in the procurement of critical technologies such as battery cells and hybrid system equipment.
6	Employee Development and Diversity, Equity, and Inclusion	It embodies the company's vision of attracting talent with diverse backgrounds, experiences, and identities (diversity) and providing all employees with fair and impartial opportunities throughout their career journeys (equity). It is grounded in the company's commitment to supporting its employees in line with evolving competency needs driven by new technology investments (batteries and hybrid systems) and fostering an inclusive workplace culture.
7	Occupational Health and Safety	It covers all relevant parties, including employees and contractors. It focuses on ensuring the highest safety standards are applied in chemical/electrical risks in battery storage units, high-altitude work activities in wind turbines, and technical operations at hybrid power plant sites.
8	Corporate Social Responsibility	Addresses the rights of local communities and the indirect economic impacts of operations. Aims to contribute to the well-being of the local population in the regions where power plants are located and to establish a sustainable dialogue with local stakeholders.
9	Data Security	This covers the cybersecurity of remote monitoring (SCADA) and data systems used for the integrated management of hybrid power plants and battery systems. It is a key priority for ensuring operational continuity and the protection of critical digital data.



3.6.1. Methodology Steps

1. Identification of Sustainability Issues

In the initial phase of the study, potential sustainability topics were identified by considering Polat Enerji's business scope, sectoral dynamics, and international reporting standards. During this process, topic headings from the GRI, ESRS, and SASB standards were used as references; and our company's wind and solar power plants, hybrid power plant conversions, battery storage investments, and operational activities in Türkiye and Hungary were included in the scope of the assessment. As a result of the assessments, 9 priority topics were identified to be presented to internal and external stakeholders.

2. Stakeholder Engagement and Data Collection

To conduct the materiality analysis in a comprehensive and balanced manner, we facilitated stakeholder participation through two different methods:

- Stakeholder survey
- One-on-one stakeholder interviews

Through these methods, we aimed to understand how our stakeholders perceive Polat Enerji's sustainability issues and to determine their relative order of importance.

3. Stakeholder Survey

We conducted a stakeholder survey to gather feedback from our internal and external stakeholders. In the survey, stakeholders were asked to evaluate the environmental and social impacts of the identified sustainability issues by rating them on a scale of 1 to 5. (5 represents the highest level of importance.)

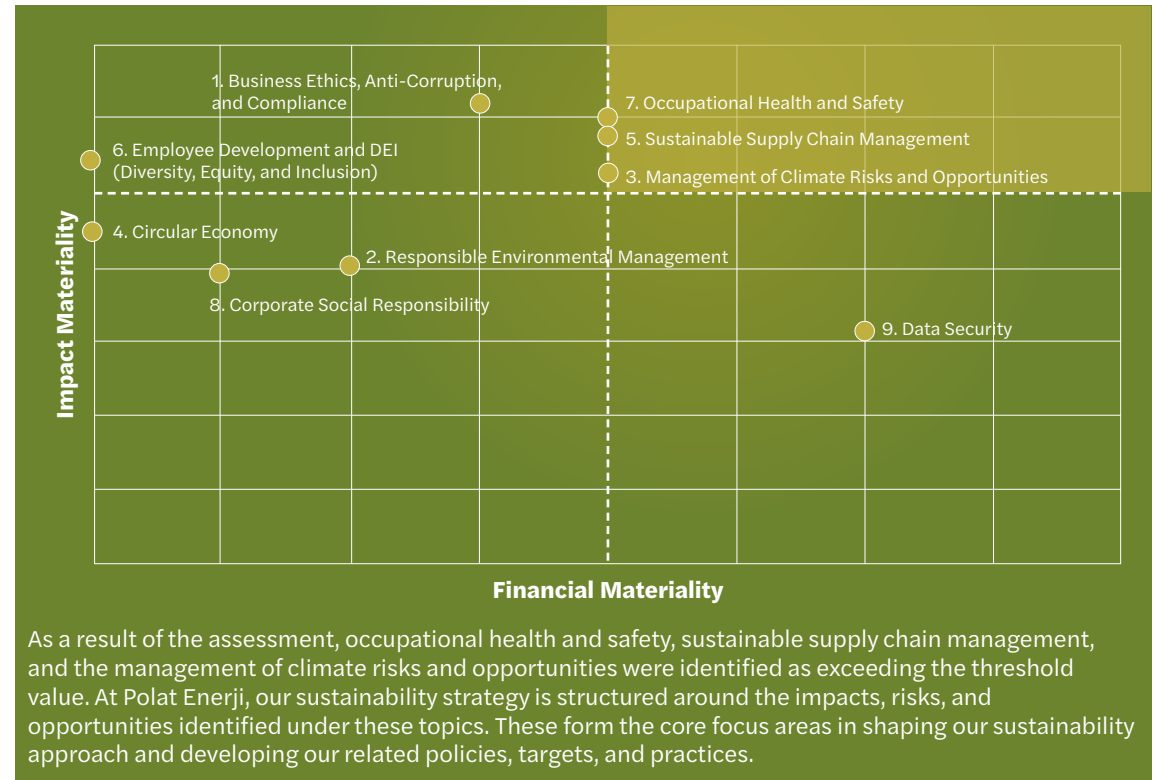
Survey participants:

- **63 internal stakeholders** (52 from Türkiye, 11 from Hungary)
- **33 external stakeholders** (27 from Türkiye, 6 from Hungary)

Our internal stakeholders consist of our employees and managers; our external stakeholders include our business partners, suppliers, financial stakeholders, and other relevant parties. The results obtained from the survey were analyzed to determine the relative importance of sustainability issues from the stakeholders' perspective.

4. One-on-One Stakeholder Interviews

To conduct a more in-depth analysis of the impact materiality assessment, we conducted one-on-one interviews with 11 internal stakeholders. These interviews addressed the positive and negative impacts on the environment and society that have arisen or have the potential to arise as a result of Polat Enerji's operations. A total of 33 impacts were identified. As part of the interviews, face-to-face meetings were held with selected stakeholders, and their opinions and guidance were gathered based on pre-prepared questions.



Considering that stakeholders' levels of knowledge regarding sustainability issues may vary, care was taken to ensure the interviews proceeded in an interactive and interview-style format rather than a question-and-answer format.

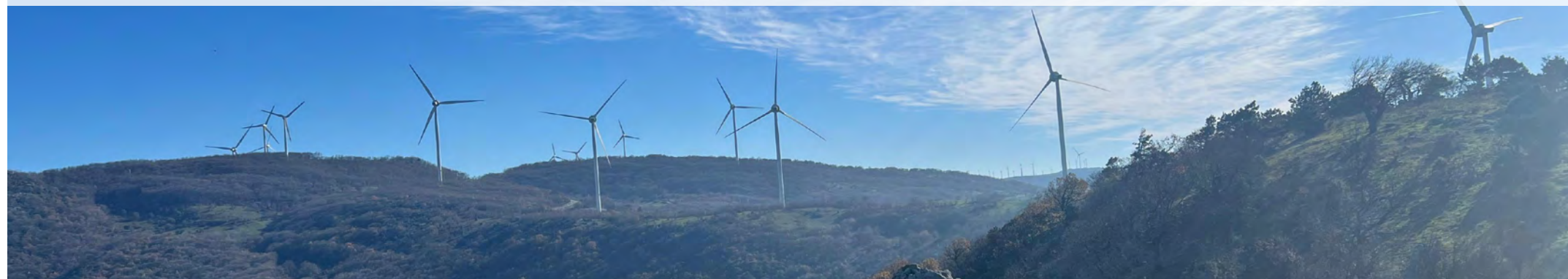
5. Analysis of Results and Materiality

Data obtained from stakeholder surveys and one-on-one interviews was analyzed, and the identified impacts were grouped under the 9 material topics determined, and their positions in terms of impact and financial materiality were evaluated.

3.6.2. Significant Impacts

As part of the double materiality analysis, a threshold value study was conducted to identify material impacts; the materiality approach was reviewed based on feedback received from stakeholders throughout the process, and the final threshold values were revised. As a result of this assessment, a total of 16 material impacts exceeding the threshold value were identified, of which 6 were reported as positive impacts and 10 as negative impacts.

Environmental, Social, Governance	Impact	Positive / Negative	Potential / Current	Relevant Material Topic
Environmental	With the widespread adoption of renewable energy sources, the integration of battery storage systems in hybrid power plants and the support of energy supply security	Positive	Potential	Management of Climate Risks and Opportunities
	Emissions and waste generated from supply chain and power plant construction operations	Negative	Potential	Responsible Environmental Management
	Ensuring low-emission energy generation and contributing to the reduction of greenhouse gas emissions through the development of renewable energy projects and investments	Positive	Current	
Social	Ensuring transparent working conditions and implementing practices that support employee well-being	Positive	Current	Diversity, Equity, and Inclusion
	Potential challenges in work-life balance that may arise in supporting employee satisfaction	Negative	Potential	
	Potential scenarios that may arise during the implementation of equality and inclusion initiatives	Negative	Potential	Occupational Health and Safety
	Effects on employee health and safety resulting from workplace accidents	Negative	Potential	
	The likelihood of workers being subjected to human rights violations due to inadequate working conditions in the supply chain	Negative	Potential	Sustainable Supply Chain Management
	The impact of inadequate working conditions in the supply chain on workers' health and well-being	Negative	Potential	
	Involving affected communities in project evaluation processes and informing them about the project through public participation meetings	Positive	Potential	Corporate Social Responsibility
Governance	Establishing an organizational culture in line with corporate ethical principles	Positive	Current	Business Ethics, Anti-Corruption, and Compliance
	The possibility that anonymity and confidentiality cannot be maintained in ethics hotline processes	Negative	Potential	
	Conducting sector-specific advocacy activities	Positive	Current	
	The impact of the likelihood of ethical violations on governance issues	Negative	Potential	



3.7. Risk Management

Our risk management process is based on the prior assessment of environmental and social impacts for every new investment and the management of risks on a project-by-project basis. In accordance with the performance standards of the European Bank for Reconstruction and Development (EBRD) and the International Finance Corporation (IFC):

- Environmental and Social Impact Assessments are conducted in areas where capacity expansion is planned.
- Project-specific Environmental and Social Action Plans are implemented.
- Proactive management systems are applied in social risk areas such as expropriation, community engagement, and complaint mechanisms.

While risk management systems at Polat Enerji have not yet been integrated into a single platform across the entire company, functions such as investments, asset management, and operations assess their own risks within a systematic matrix. This infrastructure, when considered alongside all corporate decision-support mechanisms, contributes to the development of a more holistic risk management approach across the company.

Integrated Risk and Process Management
Throughout 2025, risk management processes were addressed through coordination among relevant departments. In this context, significant impacts related to sustainability were addressed as of 2025; in particular, assessments were conducted regarding risks arising from or that may arise from adverse impacts, with a focus on financial materiality.

Risks	Description
Regulatory Changes and Compliance	Rapid changes in regulations governing renewable energy projects (licensing, grid connection, YEKDEM, etc.) can increase operational risks due to compliance challenges and potential delays in permitting processes.
Grid Integration and Flexibility Requirements	Increasing renewable energy capacity is creating pressure for grid flexibility; if storage investments and hybrid solutions are not developed, the risk of curtailment may increase.
Financial Risks and Supply Chain Risks	Global supply chain pressures for turbines, batteries, and other critical equipment could lead to cost increases and the risk of delivery delays.
	The concentration of critical minerals in limited regions and insufficient recycling capacity may put raw material supply and price stability at risk.
Price Pressure	The rapidly increasing capacity in solar and hybrid projects could put pressure on energy sales prices.
Social Acceptance and Land Use Risks	Social risks such as land use permits and objections from local communities in new investments may affect project timelines.
Climate Change and Extreme Weather Events	Rising temperatures, along with increased storm frequency and intensity, can have direct negative impacts on turbine efficiency and site operations.
	A decline in long term average wind speeds could lead to a decrease in the capacity factor.
	An increase in average air temperatures may be observed due to global warming.
	As the frequency and duration of extreme heat waves increase, the risk of drought and low humidity conditions may become more pronounced.
Operational Risks	Inability to properly adjust the blade angle due to icing can negatively impact operational efficiency. Insufficient cooling systems can reduce equipment performance. Failures in container internal temperature management can jeopardize system safety. Fan/sensor failure or overheating of inverters can lead to equipment damage. Sparks or temperature increases caused by transformers, cables, or inverters can increase the risk of fire and malfunctions.
Fire and Climate-Related Risks	High temperatures combined with low humidity can increase the risk of fire. There is a risk of wind-driven fires reaching the site.
Opportunities	Description
High Growth Targets and Market Development ¹	In accordance with Türkiye’s 2035 energy roadmap- comprising 29.6 GW of wind, 52.9 GW of solar, and 5,000 MW of offshore wind capacity project development prospects for Polat Enerji are set to expand substantially.
Storage-Integrated Projects and Grid Support ²	Wind Power Plants (WPP) with energy storage and hybrid projects are being incentivized. Through storage solutions, flexibility in energy generation and revenue diversification can be achieved.
International Growth Potential ³	Opportunities are arising to expand clean energy investments in Europe through Polat Energy Europe, while the European Green Deal offers substantial funding for clean energy projects.
Sustainable Financing Tools	Green bonds, gender equality loans, and financing provided by international financial institutions offer a significant advantage for optimizing investment costs and accelerating projects.
Increased Efficiency Through Technology ⁴	Next generation wind turbines and hybrid power plant technologies can enhance generation capacity and project efficiency.
Social Impact and Sustainability Leadership	Gender equality, environmental education programs for children, and community engagement projects will strengthen Polat Enerji’s brand reputation and social license to operate.

1 We took a significant step by winning the 160 MW R25 Balıkesir-1 WPP project in the YEKA WPP-2025 tenders.
2 Soma BESS is Türkiye’s first grid-connected renewable energy system. Ege BESS marks the first license, incentive, and approval granted for an Energy Storage System in Türkiye. Geycek BESS is the first multi-source hybrid energy system.
3 With İş Perakende ve Toptan Elektrik Ticaret A.Ş. obtaining a power purchasing license and Lumen Trade holding an energy trading license, we have strengthened our presence in the energy trading sector in both countries.
4 The New Generation Enercon E160 turbine (T71) has been commissioned at the Geycek Hybrid WPP following ministry approval.

3.8. Sustainable Development Goals

The SDGs prioritized for 2025 are listed below.



Occupational Health and Safety	SDG 3 Good Health and Well-being	
	SDG 12 Responsible Consumption and Production	
Business Ethics, Anti-Corruption	SDG 8 Decent Work and Economic Growth	
	SDG 12 Responsible Consumption and Production	
	SDG 16 Peace, Justice, and Strong Institutions	
Responsible Environmental Management	SDG 7 Affordable and Clean Energy	
	SDG 13 Climate Action	
	SDG 15 Life on Land	
Employee Development and Engagement	SDG 5 Gender Equality	
	SDG 8 Decent Work and Economic Growth	
	SDG 10 Reduced Inequalities	

Starting in 2026, SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action) will be prioritized as key focus areas; and contributions to SDG 4 (Quality Education), SDG 15 (Life on Land), and SDG 16 (Peace, Justice, and Strong Institutions) are also targeted.



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Environmental Performance

4.1. Responsible Environmental Management

4.2. Management of Climate Risks and Opportunities



4.1. Responsible Environmental Management

At Polat Enerji, we prioritize minimizing environmental impacts during the development and implementation of renewable energy projects, supporting the conservation of natural resources, and considering the effects of our activities on society. In line with this approach, we have established our Environmental Policy, Sustainability Policy, and Energy Management Policy.



Hungary Operations

We have adopted the fulfillment of our environmental and social responsibilities to the highest standards as a fundamental principle across all regions where we operate. In line with this approach, we act with the same sensitivity and sense of responsibility in the operations of SolServices Kft., a 100% subsidiary of our affiliate Polat Energy Europe, in Hungary. In this context, for projects carried out through SolServices, we base our work on international best practices and manage our environmental impact by taking into account the environmental conditions of the project sites.

4.1.1. Waste Management

We aim to manage waste generated by our operations in a way that minimizes environmental impacts and conduct waste management processes in compliance with regulations at all our facilities. In this context, we separate waste at the source, measure it regularly, and direct it to licensed recycling or disposal facilities.

Waste Sources and Management

The majority of the waste generated through our company's operations stems from maintenance activities conducted at our energy generation facilities. During maintenance work on wind turbines, solar panels, energy storage systems, and switchyards, waste may be generated that is contaminated with hazardous substances, as well as waste such as discarded electrical and electronic equipment, and scrap metal and copper. Waste generated from our office operations results in the generation of paper and similar non-hazardous waste.

A significant portion of waste is generated during operations carried out by service and maintenance companies. For this reason, we inform our contractor companies about their waste management obligations under our environmental specifications and regularly monitor their on-site activities. We conduct planned maintenance activities to reduce waste generation and focus on ensuring the efficient operation of our systems.

We bring the waste generated from our operations to the waste collection areas at our facilities, where it is weighed and labeled by our authorized personnel, stored in appropriate containers, and recorded in our waste tracking list. We maintain separate storage areas for hazardous and non-hazardous waste and we also track our waste records through the Ministry of Environment, Urbanization, and Climate Change's National Environmental Information System (UÇBS). At all our facilities, we collect hazardous, non-hazardous, household, and recyclable waste separately and store them in appropriate storage areas. We send recyclable waste to recovery processes through licensed companies. We regularly measure waste volumes and monitor them through internal audit mechanisms. Additionally, all our power plants except Ege WPP hold a Zero Waste Certificate, and we conduct our waste management processes within the framework of the Zero Waste System.

Circular Economy

We view the circular economy approach as a key issue in the transformation of the energy sector and prioritize this topic on our sustainability agenda. In this context, we incorporate the circular economy into our double materiality analysis and assess the potential environmental impacts and resource use in the regions where we operate from this perspective.



2025 Waste Amount																	
Location	Waste Types and Quantities (kg)															Total Hazardous Waste	Total Non-Hazardous Waste
	13 03 10	15 01 06	15 01 07	15 01 10	15 02 02	16 02 13	16 06 01	17 04 11	20 01 01	20 01 21	20 01 34	20 01 35	20 01 38	20 01 39	20 01 40		
Soma WPP	461		153	1,930	1,860		200		85	20	3	1,270		82	6	5,741	329
Geycek Hybrid WPP		20	50	71	510	155	100	60	99	30		50		81	50	916	360
Poyraz WPP				79	447				69					20	7	526	96
Göktepe WPP			66	682	1,700	420		60	61			50	3,000	32	7,989	2,852	11,208
Ege WPP				35	55											90	0
Head Office			269						161					119	31	0	580
Total	461	20	538	2,797	4,572	575	300	120	475	50	3	1,370	3,000	333	8,083	10,125	12,573

Note: Between July 1, 2025, and December 31, 2025, the total waste generated by our operations in Hungary was 626.4 kilograms. Of this waste, 576 kilograms was non-recyclable non-hazardous waste; 28.8 kilograms was paper, and 21.6 kilograms was plastic waste. The paper and plastic waste has been recovered.

13 03 10	Other insulating and heat transmission oils
15 01 10	Packaging containing residues of hazardous substances
15 02 02	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
16 02 13	Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 06 01	Lead batteries
20 01 21	Fluorescent tubes and other mercury-containing waste
20 01 35	Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
15 01 06	Mixed packaging
15 01 07	Glass packaging
17 04 11	Cables other than those mentioned in 17 04 10
20 01 01	Paper and cardboard
20 01 34	Batteries and accumulators other than those mentioned in 20 01 33
20 01 38	Wood other than that mentioned in 20 01 37
20 01 39	Plastics
20 01 40	Metals

4.1.2. Water Management

Water usage at our power plants is limited solely to domestic needs and tree irrigation activities; there is no process-related water usage. Well water, transported water, and municipal water are used at the power plant sites; in our offices, only municipal water is used for domestic purposes.

Our water consumption is monitored via meters at each power plant and office, tracked monthly, and recorded. As of 2025, our total water consumption was 2,805 m³, of which 2,106 m³ came from our operations in Türkiye and 699 m³ from our operations in Hungary. The highest consumption, at 890 m³, was recorded at the Soma WPP. For a detailed performance table, [see Environmental Metrics](#)

Wastewater Management

As part of our wastewater management, wastewater generated at our power plants is collected in leak-proof septic tanks and transported to licensed facilities via licensed vacuum trucks once the tanks reach capacity. The use of vacuum trucks is optimized based on transport capacity, ensuring disposal at full capacity. Our offices, however, are connected to the municipal sewer system.

Our water management processes are designed to minimize environmental impacts, and disposal procedures are carried out in compliance with applicable regulations. In this context, periodic awareness training has been provided to employees.

4.1.3. Biodiversity

We view preventing, reducing, and, when necessary, taking corrective measures to address environmental impacts during project development and implementation as our fundamental responsibility.

Türkiye Operations

The biodiversity initiatives carried out as part of our operations in Türkiye are implemented as an integral part of our environmental and social management processes; these studies are carried out in accordance with the management plans outlined in the ESAP (Environmental and Social Action Plan), progress in line with the requirements of international financial institutions, and biodiversity-related practices are implemented in accordance with international standards such as IFC Performance Standard 6 and the EUROBATS guidelines.

Biodiversity assessments are supported by studies conducted by independent experts as part of environmental and social impact assessment processes. These studies include ornithological monitoring activities, ecosystem assessments, flora and fauna surveys, and cumulative impact analyses. Based on the findings, biodiversity management plans covering species, habitats, and migration routes that may be affected in project areas are prepared and implemented.

Monitoring studies targeting bird and bat species are being conducted at our wind power plants in Türkiye. As part of these efforts, ornithological monitoring and bird and bat carcass surveys have been carried out at five of our plants, while bat monitoring studies and wetland and ecosystem assessment reports have been prepared at two of our plants.

The assessments conducted have not identified any conditions that negatively affect the living conditions of protected species within the plant sites. Various modeling and analysis studies are being conducted to evaluate the environmental impacts at the plant sites. The studies carried out within this scope include:

- **Blade ice ejection modeling:** In the event of icing on turbine blades, the potential ejection distances and impacts of dislodged ice fragments are analyzed.
- **Visual impact assessments:** The visibility of the power plant within the surrounding landscape and its effects on visual perception are analyzed from different vantage points.
- **Vibration analyses:** The effects of vibrations generated by turbines and equipment on structures, the ground, and the surrounding environment are measured and evaluated.
- **Noise analyses:** Turbine-generated noise levels are modeled to analyze their effects on environmental limits and residential areas.

In addition, PM10 measurements were conducted at the Poyraz WPP. Excavation materials generated during construction activities were utilized as fill material on-site to prevent waste generation.

In assessments of the power plant sites, it was determined that our facilities are not located on migration routes and do not have a negative impact on bird and bat species. Furthermore, agricultural lands are not utilized in the project areas, and activities conducted in forested areas are carried out in accordance with the instructions of relevant public institutions and the General Directorate of Forestry.



Hungary Operations

Through SolServices, which operates in Hungary, we are conducting efforts to ensure that solar energy projects are developed in harmony with nature and wildlife. In this context, a report published by SolServices in 2023 outlined approaches for designing solar power plants to be more compatible with the ecosystem. Infrastructure elements within the solar power plant site occupy only a limited area, while the majority of the site retains its potential as a habitat for plants and animals.

One of the key findings of the study is that, with appropriate design and minimal intervention, solar power plants can provide habitat for flora and fauna for many years. Actions taken in this regard include:

- Monitoring the formation of suitable habitats for insects, amphibians, birds, bats, and other wildlife
- Evaluating practices that promote the development of natural vegetation and contribute to the preservation of ecosystem balance
- Incorporating design solutions such as guidance structures and jump-out exits that allow large wildlife to safely exit the site into the project planning processes.

Ecological monitoring studies conducted at the Lumen Park Szolnok I-II solar power plant, located in central Hungary and with a total capacity of 138 MW, demonstrate the results of this approach. Findings from the plant's first year of operation indicate an increase in plant and bird species diversity at the site, as

well as the emergence of some rare plant species. Additionally, it was determined that while the number of insects on-site has increased, the overall composition of the insect fauna in the region has not changed significantly. It has been observed that the area, which was previously subject to intensive agricultural activities, has gradually transformed into a habitat closer to a natural environment.

As part of the monitoring studies conducted through SolServices, ecological developments in the field are regularly tracked. Based on the findings, habitat management and maintenance activities are being developed.



4.2. Management of Climate Risks and Opportunities

4.2.1. Greenhouse Gas Emissions Management

We calculated our 2025 greenhouse gas emissions inventory using the financial control approach in accordance with the GHG Protocol methodology, under the Scope 1, Scope 2, and Scope 3 categories. Our assessments indicate that Scope 3 emissions constitute the primary source of our total emissions profile. The primary reason for this is that our operations rely heavily on renewable energy generation, resulting in our direct operational emissions remaining at a limited level.

When we examined the facility-level distribution of emissions based on 2025 data, we found that the Soma WPP and the Geycek Hybrid WPP accounted for the largest share of total emissions. These facilities are followed by the Ege WPP, the Göktepe WPP, and the Poyraz WPP. Emissions from our office operations, however, accounted for a relatively smaller share of total emissions.

Compared to 2024, our operations in Türkiye in 2025 saw a decrease in Scope 1 emissions at the Ege WPP, Scope 2 emissions at the Geycek Hybrid WPP, and Scope 3 emissions at both the Poyraz WPP and the Geycek Hybrid WPP, based on plant-level emission results. As a result of these developments, our total greenhouse gas emissions decreased by 18.97%. (Calculated excluding Polat Energy Europe.) During the same period, our greenhouse gas emissions intensity was calculated as 3.72 kgCO₂e/MWh relative to the total amount of electricity generated (2,298.5 GWh).

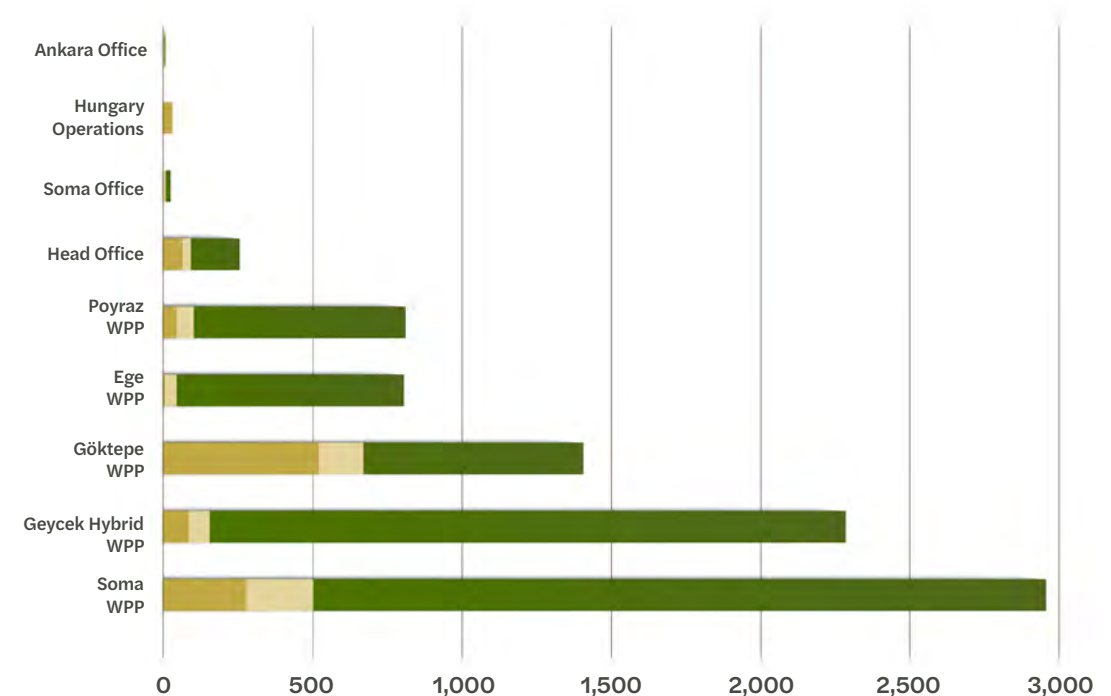
Scope*	Greenhouse Gas Emissions (tons of CO ₂ e)
Scope 1	1,033
Scope 2	597
Scope 3	6,957
Total	8,588

*Data includes operations in Türkiye and Hungary.

We can state that direct operational emissions resulting from our generation activities remain at limited levels; a significant portion of our emissions consists of indirect emissions related to the supply chain, service procurement, and operational processes.

As Polat Enerji, we continue to contribute to low-carbon energy generation through energy efficiency measures, improvements in operational processes, and the strengthening of renewable energy investments. At the same time, we prioritize initiatives in our supply chain that support emissions reduction. In this regard, setting greenhouse gas emissions reduction targets is also among our plans for the coming period.

Emissions Volume (tons of CO₂e)



(tonCO ₂ e)	Ankara Office	Hungary Operations*	Soma Office	Head Office	Poyraz WPP	Ege WPP	Göktepe WPP	Geycek Hybrid WPP	Soma WPP
Scope 1	0	31	0	65	45	6	523	85	278
Scope 2	5	4	8	32	59	44	153	70	222
Scope 3	2	-	16	160	709	751	741	2,134	2,444

*Scope 1-2 data from Hungary's solar power plants and the central office.

4.2.1.1. Carbon Trading

As part of our renewable energy portfolio, our Soma, Geycek, Ege, and Poyraz power plants have been registered under the Gold Standard, and 2,008,868 tCO₂e of carbon credits have been issued since 2020. The application process for our Göktepe WPP project to be included in this scope is ongoing. As of the end of the reporting period, although the issued credits have not yet been sold, we position these credits as certified environmental assets with high commercial value and manage our carbon asset portfolio dynamically in line with our strategic priorities.

4.2.2. Energy Efficiency

We conduct our energy management activities within the framework of the Energy Management System (EnMS). We successfully completed the surveillance audits in 2025 for the ISO 50001:2018 Energy Management System certifications obtained in 2023 for our Soma, Geycek, and Göktepe power plants. In this context, we aim to systematically monitor and improve energy performance.

As part of the Energy Management System, Significant Energy Uses (SEUs) have been identified at our power plants, Energy Performance Indicators (EnPIs) have been established for each use, and these have been regularly monitored. Technical improvements aimed at increasing energy efficiency, such as LED conversions, window insulation applications, and solar panel installations, have been implemented. Additionally, employee contributions have been collected through energy efficiency suggestion systems. In addition to these initiatives at our operational sites, our company's LEED SILVER-certified Head Office also supports our approach to energy efficiency, effective resource use, and sustainable building management. As of 2025, our total energy consumption across operations amounted to 4,428.92 MWh. When analyzing energy consumption by source, we observe that non-renewable sources such as electricity, diesel, gasoline, and natural gas account for the majority of energy consumption, alongside renewable resources such as wood. Of the total consumption, 135.48 MWh comes from renewable sources, while 4,293.44 MWh comes from non-renewable sources. For a detailed performance table [see Environmental Metrics](#)

We conduct our energy performance monitoring and improvement processes in accordance with the ISO 50001 standard. We use regression analysis to evaluate energy consumption reduction. Additionally, we hold Energy Review (EGG) meetings at least twice a year to assess Energy Management System (EnMS) performance. These meetings cover the Soma WPP (Soma Enerji), Göktepe WPP (Erguvan Enerji), and Geycek Hybrid WPP (AI-Yel Elektrik) sites.

³ Used for heating purposes, not for generation operations.



Energy Efficiency Initiatives in 2025

We conducted various technical and operational initiatives to improve energy performance within the scope of the Energy Management System. As part of these efforts, we aimed to reduce generation losses by implementing active and reactive power control systems. We established energy loss limits in our preventive maintenance processes and planned our maintenance activities within these limits.

The Specific Energy Consumption (SEC) value is used as the primary indicator for measuring energy performance. SEC is defined as the ratio of total energy consumption to the generation volume sold.

We tracked energy performance for all our sites within the scope (Göktepe WPP, Soma WPP, and Geycek Hybrid WPP) using the Energy Performance Indicator (EnPG). We designated 2024 as the reference year and defined the target SEC value to be a 1% reduction compared to the reference year.

Similarly, for 2025, we set our energy performance target based on the SET value and aimed to achieve a 1% improvement compared to the 2024 reference year. We achieved this target at all three power plants included in the scope. With this approach, we aimed to reduce energy consumption per unit of total energy generation and continuously improve energy efficiency.

With a focus on maintenance activities, we inspected the turbines as part of preventive maintenance, carried out maintenance activities with minimal generation loss through our switchgear maintenance teams, and identified potential failures in advance through periodic inspections. Additionally, by monitoring turbine alerts, we took pre-failure interventions and aimed to reduce response times to failures.

We achieved the goal of providing employees with at least 1 hour of training per year under the Integrated Management Systems for 2025. We conducted training on the ISO 50001 Energy Management System and energy efficiency with 68 participants. Furthermore, during 2025, we enrolled two of our plant managers in energy management training and examinations; thereby increasing the number of plant managers holding an energy manager certification within the company to five.



Social

5.1. Supply Chain Management

5.2. Our Employees, Corporate Culture, and Inclusion

5.3. Occupational Health and Safety

5.4. Stakeholder Relations and Community Engagement



5.1. Supply Chain Management

Supplier Code of Conduct

In all our collaborations with suppliers, we require compliance not only with national legislation but also with the Occupational Health and Safety Specifications, Environmental Specifications, and Supplier Code of Conduct. Through the provisions we include in our contracts, we ensure that our suppliers act in accordance with environmental and social responsibilities.

In accordance with our ethical values, we adhere to principles that reject discrimination, forced labor, and child labor. In this regard, we expect our suppliers to demonstrate the same level of commitment.

Supplier Management and Sustainability Practices

Throughout 2025, we implemented various initiatives to enhance our suppliers' compliance with our sustainability principles. As part of new investments, we added new domestic and international suppliers to our portfolio. In our collaborations with contractors and subcontractors involved in the design and construction phases of our projects, we ensure that sustainability criteria are upheld.

In this context:

- We considered social, environmental, and ethical criteria in our supplier selection processes,
- We have added clauses regarding compliance with sustainability, occupational health and safety (OHS), and environmental conditions to all contracts,
- We conducted periodic inspections at project sites through our teams and independent consultants,
- We provided HSE orientation and on-the-job training to contractor employees.

However, we do not yet have a comprehensive audit mechanism covering all our suppliers. Establishing a Supplier Management System is on our agenda, and related matters are being evaluated by our committees.



Supply Chain Risk Management

We monitor human rights risks in our supply chain to ensure both the continuity of our operations and our ethical approach. Specifically, regarding battery procurement, we assess that there may be a risk of child labor and forced labor in certain products of Chinese origin; accordingly, we obtain declarations from our suppliers confirming their compliance with relevant regulations and conduct the necessary due diligence.

Within our supply chain, which includes our suppliers, we closely monitor sourcing activities conducted in China and India. As of 2025, we have not identified any instances of non-compliance with these rules by our suppliers.

We act in accordance with our Human Rights Policy, Sustainable Supply Chain Policy, and Supplier Code of Conduct to address the risks of child labor and forced labor. In this context, our code of ethics unequivocally rejects all forms of discrimination, forced labor, and child labor; we are developing approaches to ensure the necessary controls in our procurement processes to manage these risks.

Our Supply Chain Distribution

We prioritize supporting local economies; with this approach, in the regions where our power plants are located, we give priority to local suppliers for certain goods and services that we can source from the relevant region.

As of 2025, 38% of our supplier payments in our operations in Türkiye were made to domestic suppliers, while 62% were made to foreign suppliers. This ratio was calculated by considering purchases related to turbines, equipment, and engineering, procurement, and construction (EPC) processes; the distinction between domestic and foreign suppliers was made based on the criterion that suppliers must have a legal entity established in Türkiye.

We continue our efforts to increase our direct and indirect contributions to the local economy in the regions where we operate.

5.2. Our Employees, Corporate Culture and Inclusion

We view our employees as a key strength and position our human resources as a strategic value-creation asset. We build our human resources approach on the principles of equality, transparency, continuous development, and achieving success together. Our workforce, comprising diverse age groups, areas of expertise, and levels of experience, strengthens our corporate memory while fostering dynamism.

Employee Rights

In conducting our operations, we are committed to respecting fundamental human rights and complying with national and international laws and regulations. In line with this commitment, we foster a work environment that promotes equal opportunities, rejects discrimination, prioritizes occupational health and safety, and adopts a zero-tolerance policy toward harassment.

We offer a variety of benefits to support our employees' well-being and work-life balance. In addition to statutory leave, we provide an extra day of leave on employees' birthdays in addition to their annual leave, flexible administrative leave tailored to the operational dynamics of our office and field operations, meal and transportation allowances, and offer hybrid work options to employees at Head Office, while implementing initiatives to enhance employee engagement.

Diversity, Equity, and Inclusion

Within the scope of our human resources policies, we uphold the principle of equality in hiring, compensation, benefits, and promotion processes. We reject discrimination based on religion, language, race, gender, age, and similar factors; we are building an inclusive organizational culture.

In line with this approach, by the end of 2025, our employee profile was as follows:

- In our operations in Türkiye, there are 32 female and 25 male employees at the General Directorate. The proportion of female employees stands at 54%.
- In our operations in Hungary, there are 17 female and 21 male employees, resulting in a female employee ratio of 45%.

Our structure, where different age groups work together, fosters both innovative perspectives and an environment for knowledge sharing. For detailed performance metrics, [see Social Metrics](#)

Gender Equality Initiatives

Throughout 2025, we continued to manage our human resources processes in accordance with gender equality principles:

- We based our hiring and career development processes on gender equality principles; in new appointments, we prioritized the principles of merit, fairness, and inclusivity.
- We implemented an equal pay for equal work policy for all our employees.
- To raise awareness of gender equality, we organized internal communication campaigns, awareness-raising events, and training activities for our employees.
- To encourage greater representation of women in technical and operational departments, we have implemented gender-balance-focused policies in these areas.
- We provided training to all employees at our power plants aimed at raising awareness about gender-based harassment and violence.



Employee Development and Training

Training and development activities are systematically conducted to support employee development. Training programs that support employees' personal and professional development are implemented under the Polat Academy.

Online training courses are delivered via a digital learning platform; the program was launched in 2024, and training sessions for all employees continued in 2025. In addition to online training, in-person training sessions are also conducted by trainers, employees, or consultants. Furthermore, a "train-the-trainer" program is being implemented to train internal trainers, and employees are encouraged to contribute to organizational development through knowledge sharing.

In 2025, following a decision by the Sustainability Committee, a sustainability-focused training set was made available to all our employees via an online platform:

- Building a Sustainable World
- Universal Human Rights
- Gender Discrimination in Language
- Ethics in the Workplace
- Small Size, Big Threat - Microplastics
- Environmental Awareness
- Clean Environment - Recycling and Zero Waste
- Workplace Safety Awareness

As of 2025, our total training duration amounted to 2,234 hours. Of these, 256 hours were from digital training offered under the Polat Academy, while 1,979 hours were from in-person and online training conducted outside the Academy. As part of our training activities, we also prioritize content related to sustainability.

In this context, a total of 942.45 hours of training covering sustainability topics (gender equality, ethical issues, environmental issues, and social issues) was provided in 2025.

The annual total training hours by employee category are as follows:

Employee Category	Hours
Academy Intern	60
Assistant	43
Director	70
General Manager	2
Manager	675
Engineer	376
Staff	159
Technician	75
Specialist	163
Assistant Specialist	184
Director	427



PolatONE: Our Vision for Internal Communication

In line with our PolatOne philosophy, we are moving forward with the goal of “becoming one” across the four distinct sectors in which Polat operates. “Being a Part of Polat” signifies the awareness that each of us is an indispensable part of the Polat Group, regardless of the sector we work in or our job descriptions. We place great importance on fostering a sense of unity and belonging across all touchpoints - from internal communications to strategy meetings and from internal events to special occasions.

Our PolatOne internal communication platform is just one of the key tools that reinforces this shared identity and values, bringing us all together around a common goal.

Through the PolatOne gatherings we organized in this context, we came together with our team members to reinforce our shared vision and enhance internal engagement.

At our traditional Seniority Award Ceremony, we celebrated the achievements of our colleagues who have completed their 5th and 10th years with us. During the ceremony, plaques were presented with the participation of our senior management, aiming to highlight our employees’ contributions and dedication.



November Fest Event

In line with our internal communication vision, our teams at Polat Enerji came together at the November Fest event we held in 2025. At this event, which was designed to foster communication among our employees and strengthen our corporate culture, we reviewed the year’s achievements and shared our future goals. Additionally, as part of our efforts to reinforce the spirit of teamwork, a project to build a shelter for stray animals was a key component of November Fest. Five of the shelters built during the event were placed in the park next to our Head Office building, while the remaining ones were donated to the Kadıköy Animal Shelter.



Performance Management

We are gradually rolling out our performance management processes. The performance evaluation process, which was launched as a pilot program in 2024 for manager-level and higher positions in our Türkiye operations, has been expanded to include all white-collar employees as of 2025. During the same period, we adopted a comprehensive approach to performance and competency management by conducting competency analyses for manager-level and higher positions through our Human Resources department.

We designed our annual performance evaluation system to cover all white-collar colleagues at every level of our organizational structure. Sustainability goals have been integrated into the evaluation system alongside primary objectives. The first comprehensive implementation took place in 2025, and the next evaluation is scheduled for 2026.

Compensation Policies

We base our compensation approach on base and performance-based components. When establishing our compensation policy, we consider market and inflation data; we regularly review our compensation practices to ensure they reflect competitive market conditions and aim to preserve our employees’ purchasing power. Our practices regarding severance pay and retirement benefits are regulated in accordance with the applicable labor law.

Employees can provide feedback directly through employee representatives, managers, and the Human Resources department; additionally, opinions are collected and evaluated through employee experience surveys. At the executive level, recommendations from C-level executives are taken into account, and the final evaluation is conducted by the Board of Directors.



5.3. Occupational Health and Safety

At Polat Enerji, occupational health and safety (OHS) is one of our top management priorities at every stage of our operations. Ensuring that our employees, as well as contractor and subcontractor staff, work in a safe and healthy environment is among our fundamental responsibilities. In this regard, we operate our occupational health and safety management system in accordance with international standards. For detailed performance indicators, [see Social Metrics](#)

Our Occupational Health and Safety Management System

The ISO 45001 Occupational Health and Safety Management System is implemented at our Head Office and power plants⁴. The effectiveness of our system is continuously monitored and improved through on-site inspections, internal audits, and regular risk assessments. Occupational Health and Safety (OHS) committees have been established at all our power plants; these committees are responsible for collecting data from the field, tracking non-conformities, and monitoring health and safety targets.

In this context, by 2025:

- We systematically tracked and reported all workplace accidents and near-miss incidents and conducted root cause analyses. Based on the findings from these analyses, we took the necessary preventive actions.
- We ensured the monitoring and control of risks by reviewing risk assessments twice during routine updates.
- We conducted regular health screenings at our sites.

Occupational Health and Safety (OHS) Culture and Management Approach

Occupational health and safety performance is regularly monitored at the management level. OHS performance is evaluated in the activity reports submitted to the Board of Directors, and necessary areas for improvement are identified. We have also established OHS Committees at our locations where there is no legal requirement, and we track incoming reports during monthly meetings.

Through this approach, we aim to foster a strong safety culture across the company. The necessary resources are allocated to address all non-conformities identified across the company, and a continuous improvement approach is adopted without distinguishing between minor and major issues. Additionally, by incorporating occupational health and safety performance into the performance metrics of field managers, the integration of a safe work culture into management processes has been strengthened.

Employee Participation and Communication

The effectiveness of OHS practices is enhanced by the active participation of employees. For this reason, various communication mechanisms have been established to allow our employees to share their opinions, suggestions, and feedback.

OHS Committees:

- Tracking non-conformities and improvement activities
- Implementation of training and work plans
- Evaluation of employee needs and reports
- Ensuring employee representation
- Monitoring of health and safety objectives
- It performs tasks such as collecting and reporting data from the field.

Identification of Hazards in OHS Processes

Occupational health and safety risks primarily arise during maintenance, operations, and project activities. Working at heights, electric shock, falling objects, traffic accidents, slips and falls, and natural disasters are among the primary risk areas. The most common workplace accidents among employees have been identified as traffic accidents resulting in property damage and minor cuts. Risks that could lead to severe injuries, however, are particularly likely to occur during turbine maintenance activities, project work, and vehicle operation.

To manage these risks, job safety analyses and risk assessments are conducted, a work permit system is implemented, and regular site inspections are carried out. Work does not commence until major non-conformities are resolved, while minor non-conformities are tracked with assigned deadlines.

Additionally, risks identified at different locations are shared with other sites through on-site observations and meetings, with the aim of developing a risk-focused approach.

Risk Assessment Process

Risk assessment activities are carried out by a team designated by the employer's representative. This team includes the employer's representative, an occupational health and safety specialist, an occupational physician, an employee representative, support staff, department or unit managers, and any technical personnel deemed necessary.

As part of the process, hazards at the workplace are identified, risks are assessed, and necessary control measures are being determined. Once the identified measures are implemented, the process is monitored, and existing risk assessments are reviewed every six months.

Project-specific risk assessment studies are conducted at the start of the construction process with the participation of contractor representatives. Contractor firms are required to conduct their own risk assessments, which are carried out in coordination with the Polat Enerji OHS team. Feedback from contractor and subcontractor employees based on site observations is also taken into account to identify on-site risks.

Accident Investigation and Incident Management

- As part of the management of accidents and emergencies, investigation teams are formed to examine incidents. Findings related to accidents and incidents are documented through relevant forms, and on-site investigations are conducted.
- Following workplace accidents, root cause analyses of the incidents are conducted and risk assessments are reviewed. Corrective and preventive actions are planned for identified nonconformities, implemented, and monitored for effectiveness.
- Near-miss incidents and reports of unsafe behavior are also documented, and process improvements are implemented to prevent similar incidents from recurring.

Training and Awareness Initiatives

We implement regular training programs to help our employees develop safe work habits. We prepare both general and job-specific training content. In this context:

- We conduct 16-hour Occupational Health and Safety training sessions annually.
- We conduct weekly Toolbox sessions.
- We provide specialized training for high-risk activities.
- We conduct regular drills at our sites as part of our emergency preparedness efforts.

Our Main Training Programs:

- Emergency Response Training
- Employee Representative Training
- Training Programs on Environmental and Social Issues
- Support Staff Training
- Safety Training
- First Aid Training
- Occupational Safety and Health Committee Training
- Orientation Training for New Hires
- Risk Assessment Team Training
- Defensive Driving and Off-Road Training for Employees Who Drive Company Vehicles
- Awareness Training on Gender-Based Violence and Harassment (GBVH)
- Fire Safety Training
- Post-Accident Briefing Training
- Working at Heights Training

During occupational safety and health (OHS) training sessions and site observations, suggestions and feedback are collected from employees to ensure the continuous improvement of processes.

⁵ All subcontractors performing maintenance and repair activities are included.

At least once a month, OHS meetings are held with the participation of plant managers, the OHS specialist, and senior management. Testing is currently underway for the digitization of the forms used for near-miss reports, which began in 2025, and the SEÇ Portal.

Employee Health Services

Health services are provided by occupational physicians to regularly monitor the health status of our employees. Occupational physicians regularly visit our power plants to conduct periodic health checks and screenings for employees in the field. As of the end of 2025, there are no employees diagnosed with an occupational disease under health monitoring activities.

Due to potential risks associated with the use of screen-based devices, employees undergo eye examinations, and attention is paid to ensuring ergonomic working conditions. Furthermore, no risks were identified in the magnetic field measurements conducted, and no non-compliance was found in other environmental measurements.

Contractor and Subcontractor Workforce Management

Certain activities within the scope of the projects are carried out by subcontractor firms. In this context, subcontractor employees are involved particularly in construction work, electrical infrastructure work, and turbine maintenance activities. As of 2025, the number of workers employed by subcontractors⁵ is 274. Subcontractor employees' compliance with occupational health and safety practices is ensured within a defined framework.

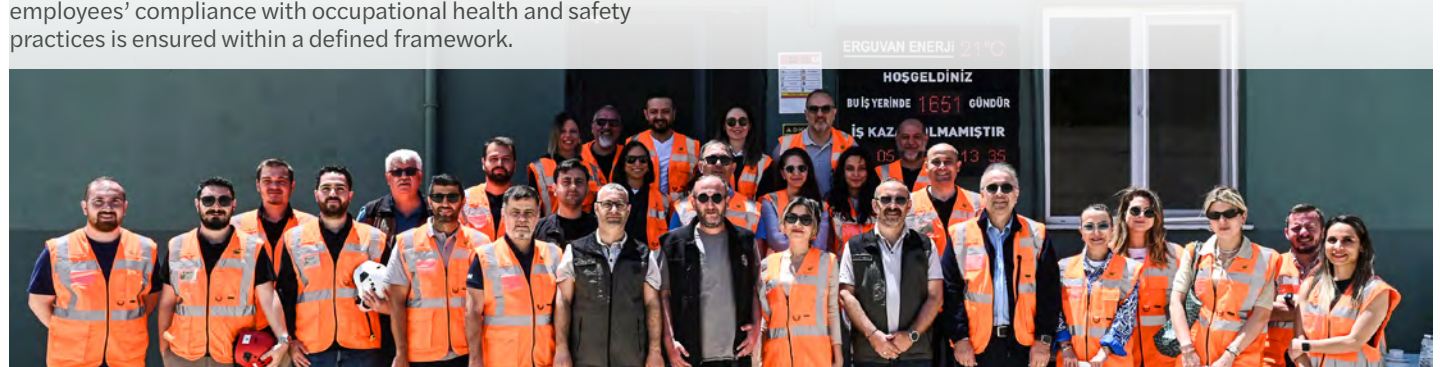
The use of personal protective equipment is mandatory upon entering the site, and personnel without the required equipment are not permitted to enter. Project-specific risk assessment studies are conducted during operational activities and at the start of the construction process, with the participation of contractor representatives. In this regard, contractor firms are responsible for conducting risk assessments, and these studies are carried out in coordination with the Polat Enerji OHS team.

To identify on-site risks and potential hazards, feedback based on field observations by contractor and subcontractor employees is collected, and toolbox training is provided to all employees to monitor and report new hazards that may arise during project processes. Considering the distance of power plant locations from residential areas, subcontractor employees are accommodated in the nearest residential areas off-site as required by the project, and transportation to the site is provided via shuttle buses.

Working Conditions at Power Plants

Working hours during field operations may vary depending on the nature of the activity and weather conditions.

In very hot weather, work may begin earlier in the day, and breaks may be taken during the hottest hours of the day to protect worker health. Similarly, in cases where weather conditions such as extreme cold, storms, or heavy rain affect the safe working environment, activities may be temporarily suspended.



5.4. Stakeholder Relations and Community Engagement

In line with our commitment to social responsibility and our participatory approach, we develop projects focused on social development and inclusive growth; our goal is to enhance our social impact through a measurable and systematic approach.

5.4.1. Our Academic Collaboration

In line with our vision of a sustainable future, we aim to share sectoral expertise with young people through the generation of electricity from renewable energy as well as the exchange of knowledge and experience. To this end, we continue our collaborations with universities to contribute to the education and sectoral development of young people.

- We continued our support for the WindPro license provided to students in the Meteorology Engineering Department at Istanbul Technical University in 2025, making it available to undergraduate, graduate, and doctoral students.
- We continued our sponsorship support for the Wind Energy Club at Yıldız Technical University in 2025.

5.4.2. Contributing to Sectoral Development

We continue to take responsibility for the development of the renewable energy sector; through our executives and employees, we share our knowledge and experience across various platforms to contribute to sectoral dialogue.



Throughout 2025, we shared our expertise by participating in various industry events across Türkiye. Our Business Development Manager, Övgü Gençer, participated in events organized by the Energy Storage Industries Association (EDEDER); at the 2nd Future of Energy and Storage Congress, she served as a speaker in the session titled “Opportunities and Challenges in Energy Storage,” sharing her sector-specific insights. During this session, the technical, economic, and investment aspects of energy storage technologies were discussed, and Polat Enerji’s experiences in this field were shared with industry representatives.

During the same period, Batur Yenmez, then COO, participated as a speaker in the panel titled “Energy Storage and Battery Technologies” held as part of the Renewable Energy Webinar Series organized by SKD Türkiye, sharing his views on current developments in the sector.



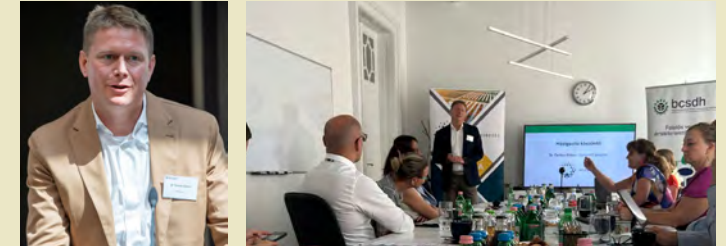
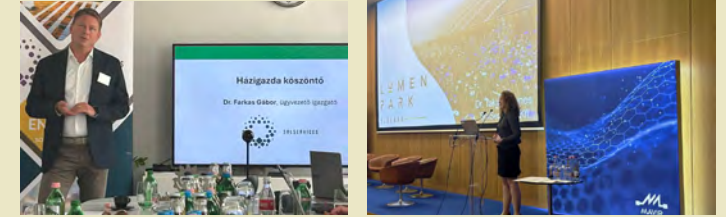
Our representatives at Polat Energy Europe in Hungary have continued to contribute to knowledge sharing on an international scale. They have participated as speakers at organized events, supporting cross-sector collaboration and sustainability-focused approaches.

Organizations Attended

MAVIR (Hungarian Electricity Transmission System Operator)

Hungarian Ornithological and Nature Conservation Society

Ministry of Agriculture and the Hungarian Business Council for Sustainable Development (BCSDH)



WindEurope Technology Workshop 2025

As Polat Enerji, we participated in the WindEurope Technology Workshop 2025. Following the evaluation of the technical papers we submitted by the technical committee, we presented our poster at the event. This allowed us to share our industry expertise on an international platform. In our poster presentation, we analyzed the effects of climate change on wind resources using regional modeling and long-term measurements. In these analyses, we used the RCP2.6 and RCP8.5 scenarios* to evaluate models that include wind speed parameters. Additionally, we examined the potential impacts of climate change on the generation performance of our wind power plants and presented our initial findings on the subject. Through these studies, we aimed to strengthen our capacity for data-driven decisionmaking with a focus on climate change and sustainability, while also contributing scientifically to the future of the sector.

* RCP (Representative Concentration Pathways) are scenarios that define climate change projections based on different levels of greenhouse gas emissions. RCP2.6 represents a low-emission scenario, while RCP8.5 represents a high-emission scenario.



PO088

Assessing the Impact of Climate Change on Wind Energy Using Advanced Modeling and Correction Techniques

Mehmet KALFAZADE

POLAT ENERJİ

Abstract

Climate change can significantly affect wind patterns, creating both risks and opportunities for wind energy investments. This study presents an integrated methodology combining high-resolution climate models, on-site measurements, and advanced data processing to evaluate future wind energy performance across six wind farms in Türkiye.

Objectives

- Assess long-term impacts of climate change on wind energy production.
- Develop a replicable, data-driven methodology for site-specific evaluations.
- Support renewable energy investment planning under future climate scenarios.

A scientifically robust and site-specific approach enables accurate assessment of climate change impacts on wind energy potential.

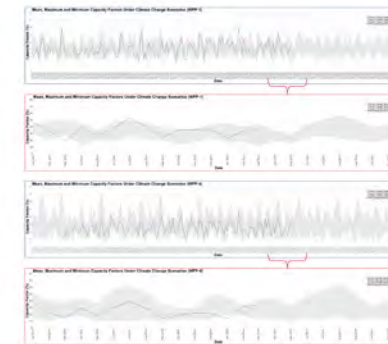


Figure 1. Estimated Mean, Maximum and Minimum Capacity Factors of WPP-1 and WPP-4

Study Area and Data

- Locations: 6 Polat Enerji Wind Farms in Türkiye.
- Measurement Data: Combined total of ~26 years of 10-minute wind data from 6 met masts (avg. 94.2% recovery rate).
- Reanalysis Data: ERA5 (1971–2024), hourly, 100 m height.
- Climate Projections: 7 RCMs from EURO-CORDEX, 12.5 km resolution, under RCP2.6 and RCP8.5 scenarios.



Figure 2. Location of studied area

Methodology

The workflow consists of four main stages. First, combined total of ~26 years, 10-minute wind measurement data from six meteorological masts with heights of 102, 85 and 81 meters and recovery rate 94.2%, were treated and wake cleaned. In the second stage, ERA5 reanalysis data (1971–2024, 100 m height) from ECMWF preprocessed using Python, including horizontal interpolation to mast coordinates and calculation of hourly wind speed and direction to construct long-term wind series by applying the Measure-Correlate-Predict (MCP) method in WindPRO 4.0.

Next, climate projections from seven EURO-CORDEX regional climate models (12.5 km resolution) were processed using Python. Wind speed and direction were calculated from the model's U and V components, and values were interpolated to the coordinates of each mast. Model outputs were then bias-corrected using the Quantile Mapping method in R ("qmap" package), ensuring consistency with historical observations.

Finally, capacity factors were estimated for each site using weighted average power curves derived from 10-minute SCADA data. Minimum, maximum, and average capacity factors were calculated under RCP2.6 and RCP8.5 scenarios to evaluate climate-driven variability in future wind energy potential.



Figure 3. Flow chart of methodology

Results

- Climate change impacts on wind energy vary significantly by location.
- Sites with historically strong performance are likely to remain robust.
- Some sites may see slight declines, highlighting the importance of localized analysis.
- Variability between different RCM projections underscores the need to consider multiple models in climate impact assessments.

Conclusion

Integrating climate projections into wind energy analysis is critical for accurately assessing long-term performance under changing conditions. This study presents a robust and repeatable methodology that combines high-resolution climate data, bias correction techniques, and operational wind data to evaluate climate impacts on wind energy generation on a site-specific basis.

5.4.3. Corporate Social Responsibility Projects

In 2025, we made investments totaling approximately 13.5 million TL through the “Light Up the Future with Women’s Labour” initiatives and the “Green Light to the Future” project. Additionally, the total value of our community investments in our Hungarian operations focused on donations for children, visually impaired individuals, animal shelters, and specific social organizations amounted to 7.04 million TL.

Since our inception, we have regarded creating social value, supporting local development, and building long-term value together with our stakeholders as among our top priorities in all regions where we operate. Additionally, in response to requests from the regions where we operate, we provide various forms of support to address the social and infrastructure needs of local communities. In this context, we provide equipment support to sports clubs; contribute to the improvement and maintenance of social spaces; supply equipment for public use areas; and assist local organizations.



Light Up the Future with Women's Labour

Through the “Light Up the Future with Women's Labour” project, which we launched in collaboration with the Women Entrepreneurs Association (KAGİDER), our primary goal is to strengthen women's entrepreneurship, support their position in economic and social life, and thereby make lasting contributions to sustainable regional development.

As part of the project, we hosted our cooperative members in Istanbul at the press launch held on December 10, 2025, at the Renaissance Istanbul Polat Bosphorus Hotel; we briefed the press on the project's scope, objectives, and expected impacts.

With this project, which aims to strengthen women's economic independence and promote local production, we are focusing on making women's labor more visible in the regions where we operate. With the goal of ‘5 years, 5 regions, 1 vision,’ the project's first implementation site in 2025 was Armutlu. As part of the project, we will continue to support cooperative activities by visiting one of our power plant regions each year.



Through the Armadis Women's Initiative and Cooperative, established under the mentorship of KAGİDER, we support women's active participation in the production process. We offer cooperative members comprehensive training programs ranging from accounting and taxation to marketing and social media management.

Through designs inspired by the Karabaş Otu, Armutlu's symbolic plant, we contribute both to preserving cultural heritage and generating economic value. As a pilot region, we tailor the process in Armutlu to meet local needs; we manage resource planning with a flexible approach to establish a long-term and sustainable structure. Interest in the cooperative, which currently has 12 female members, is growing day by day.

By the end of the project's fifth year, we aim to empower 100 women entrepreneurs toward economic independence.



Green Light to the Future Project

At Polat Enerji, believing that sustainability is achievable through increased social awareness and consciousness, we launched the “Green Light to the Future” project.

In collaboration with the Polat Foundation, we organize interactive and experiential educational sessions for elementary and vocational high school students as part of this project. In these sessions, we help students explore energy transition processes and convey the importance of renewable and clean energy sources through hands-on activities. In the Energy Workshops and Vocational High School Meetings held as part of the project, we demonstrate the working principles of wind turbines through hands-on activities; we address topics such as the climate crisis and sustainability using fun and educational content.

In line with the field visits and stakeholder interactions conducted as part of the project, in addition to educational activities, we also provide support tailored to the needs of schools and local communities. As part of these efforts, we met the need for an auditorium at Yalova Füzün Kinal Elementary School; we also supplied solar panels to the Electrical and Electronic Technologies Department at Kırşehir Boztepe Multi-Program Anatolian High School for use in hands-on training.

Through initiatives carried out since 2023, we have reached a total of 5,526 elementary school students and 1,165 vocational high school students. Specifically in 2025, we reached 2,533 elementary school students and 753 vocational high school students through activities conducted in 5 provinces, covering 29 elementary schools and 10 vocational high schools. We aim to reach 2,800 elementary school and 750 vocational high school students each academic year.

Discussions regarding the approval process by the Ministry of National Education (MEB) for the teacher’s guide, prepared to disseminate educational content, are ongoing.

Through these efforts, we aim to increase children’s and young people’s environmental awareness and contribute to raising individuals with a strong sense of energy awareness.



Capacity Development Program for the Energy Sector

Contributing to the development of qualified human resources in the energy sector is one of our top priorities. To this end, we are collaborating with the European Bank for Reconstruction and Development (EBRD) and Celal Bayar University in Manisa. As part of the program, we are involving 125 students from various departments within the engineering faculties in the project. We adopt equal opportunity as a fundamental principle in the selection process and ensure balanced participation between female and male students. In addition to academic training, participants have the opportunity to gain direct industry experience by working alongside Polat Enerji employees. We have initiated the preliminary work and student selection processes for the project in 2025 and plan to launch it in 2026.



Visit to the Polat Enerji Memorial Forest

During our visit to the 13-hectare Polat Enerji Memorial Forest in Yalova, we assessed renewable energy activities and environmental projects onsite together with our executives and employees. As part of this project, which we carry out with a strong sense of environmental responsibility, we closely monitored the progress of nature-based initiatives we are conducting in collaboration with the General Directorate of Forestry under the Ministry of Agriculture and Forestry; we believe these initiatives play a significant role in fostering social responsibility and strengthening team spirit.



Polat Energy Europe Corporate Social Responsibility Initiatives, Supporting Local Communities and Educational Initiatives

We view corporate social responsibility as one of our core values. We support communities in the regions where we invest, with a particular focus on initiatives targeting disadvantaged families and children. In our operations in Hungary, through SolServices Kft., we prioritize not only financial support but also education and awareness-building among younger generations.

- The educational nature trail established at our Lumen Park solar power plant in Szolnok has been visited by approximately 1,000 preschool and school-age children since 2022. During these visits, participants were given the opportunity to learn about sustainability, renewable energy, and environmental protection.
- In November, we conducted interactive, age-appropriate educational programs for 450 children in Süllyás. We supported preschool enrollment processes in the region and contributed to summer camp programs for school-age children.
- We provided developmental equipment and educational toys to six kindergartens in Mezőtúr, one kindergarten in Szászberek, and the Árvácska Children's Home in Szolnok.



Support for Innovative Organizations in Hungary

In addition to our activities targeting local communities, we support organizations with innovative, sustainable, and exemplary operational models. For several years, we have been providing regular support to the following organizations:

- Piros Orr Foundation (Piros Orr Alapítvány)
- Peter Cerny Foundation (Peter Cerny Alapítvány)
- Péter Tölösi Foundation (Tölösi Péter Alapítvány)
- Hungarian National Federation of the Blind and Visually Impaired (Vakok és Gyengénlátók Országos Szövetsége)
- Hope for Children with Leukemia Public Benefit Foundation (Remény a Leukémiás Gyermekekért Köhasznú Alapítvány)
- Curie Talent Development Foundation (Curie Tehetséggondozó Alapítvány)
- Szolnok Animal Shelter* (Szolnoki Állatotthon)

*SolServices Kft. supports the Szolnok Animal Shelter by providing solar panels to reduce energy costs in addition to financial contributions. The installation of the photovoltaic system is being carried out by the company's subcontractor.

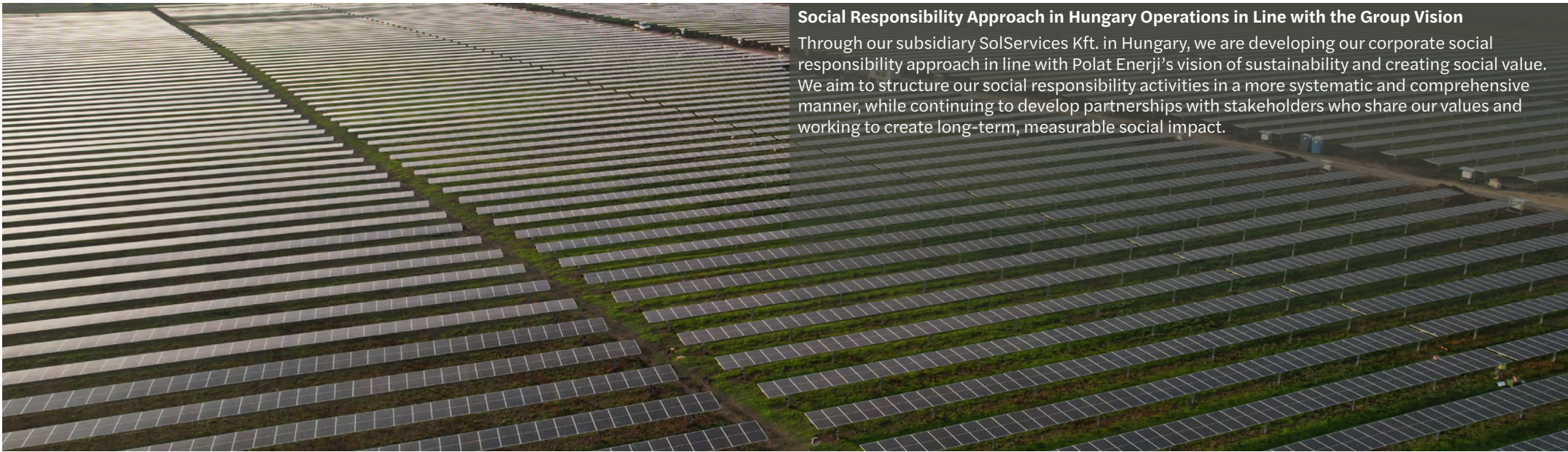
Strategic Partnership with a Hungary-Based International Humanitarian Aid Organization (Ökumenikus Segélyszervezet)

Through SolServices Kft., we have been maintaining a strategic partnership with a Hungary-based international humanitarian aid organization since 2024. As part of this collaboration, we support various initiatives focused on social, educational, and sustainability goals. Specifically:

- We supported the social institutions affiliated with the aid organization in Szolnok and the preschool enrollment programs conducted at seven institutions in the region.
- We contributed to social and child welfare activities in Szolnok; we supported the development of a stroller storage area and other infrastructure improvements.
- We made it possible to implement child development programs that include therapy dog sessions.
- We supported initiatives aimed at preventing and addressing domestic and relationship-based violence.
- We contributed to the aid organization's development of sustainable operational solutions.
- By providing support to Temporary Housing for Families in Szolnok and Miskolc, we helped procure a salt generator to enhance the therapeutic benefits of salt rooms, renewed indoor and outdoor play equipment, and contributed to the development of Bee-Bot educational tools, funding for therapy dog and movement therapy sessions, psychological and legal support for children and parents, and covering operational costs.

Social Responsibility Approach in Hungary Operations in Line with the Group Vision

Through our subsidiary SolServices Kft. in Hungary, we are developing our corporate social responsibility approach in line with Polat Enerji's vision of sustainability and creating social value. We aim to structure our social responsibility activities in a more systematic and comprehensive manner, while continuing to develop partnerships with stakeholders who share our values and working to create long-term, measurable social impact.



5.4.4. Participatory Field Management

We systematically address the management of environmental and social impacts as we carry out our operations. We conduct Environmental Impact Assessment (EIA) processes for all our projects; as part of these processes, we regularly inform local communities through Public Participation Meetings (PPM) and outreach activities. We publish EIA reports publicly on the Ministry of Environment, Urbanization, and Climate Change’s website and make them available to all stakeholders.

In accordance with the requirements of the European Bank for Reconstruction and Development (EBRD), we prepare and report on Environmental and Social Action Plans (ESAP) annually.

Additionally, to maintain continuous communication with local communities, we completed the development of the bizeyazin.polatenerji.com platform—designed as a complaint and suggestion mechanism—in 2025 and plan to launch it in 2026.

In this context, we assess that our operations have no negative impact on local communities; to mitigate potential impacts, we implement preventive measures such as regular noise measurements at our wind power plants.



Governance

6.1. Corporate Governance

6.2. Ethical Standards and Transparency

6.3. Data Security and Digitalization

6.4. Integrated Management System



6.1. Corporate Governance

6.1.1. Our Governance Structure

Policies and Procedures*

- Environmental Policy
- Energy Management Policy
- Human Rights Policy
- Human Resources Policy
- Occupational Health and Safety Policy
- Quality Policy
- Personal Data Processing, Storage, and Destruction Policy
- Sustainability Policy
- Sustainable Procurement Management Policy
- Code of Ethics and Compliance Guide
- Supplier Code of Conduct Guide
- Emergency Procedure
- Employee Suggestion Procedure
- Environmental Scoping and Environmental Impact
- Assessment Procedure
- External Stakeholder Complaint Mechanism Procedure
- OHS Risk Assessment Procedure
- Personal Data Inventory Procedure
- Personal Data Breach Notification Procedure
- OHS and Environmental Procedure
- Crisis Management Procedure
- Corporate Risk Management Procedure
- Sustainability Procedure
- Supplier Selection and Evaluation Procedure

*Policies are published with the approval of the General Manager and include top management commitments. Top Management and relevant units are responsible for the implementation of the policies. A review is planned for 2026, followed by process audits in 2027.

At Polat Enerji, the governance structure is based on the Board of Directors, which determines the company's strategic direction and ensures that operations are conducted in line with sustainable growth objectives, and the committee mechanisms that support this structure. Our Board of Directors consists of a total of six members, comprising representatives from Polat Holding A.Ş. and İş Enerji Yatırımları A.Ş.

Adnan Polat serves as Chair of the Board of Directors, while Hasan Cahit Çınar serves as Vice Chair. The other members of the Board of Directors are Neşet Özgür Cireli, Kayahan Karadaş, Eda Polat Gkinosatis, and Mehmet Reha Pamir.

Neşet Özgür Cireli, a member of the Polat Enerji Board of Directors, serves as the Head of the Energy Group within Polat Holding.

Among the executives representing Polat Enerji in its subsidiaries are Evren Sıtkı Güvenç (CEO) and Cem Erdaş (CFO).

Board of Directors



Adnan Polat
Chair of the Board



Hasan Cahit Çınar
Deputy Chair of the Board



Eda Polat Gkinosatis
Board Member



Neşet Özgür Cireli
Board Member



Kayahan Karadaş
Board Member



Mehmet Reha Pamir
Board Member

Our Board of Directors holds regular monthly meetings to make strategic decisions for our company and support its sustainable growth. During these meetings, new investment opportunities, global and national developments, financial performance, occupational health and safety, quality management, and social responsibility are comprehensively discussed and evaluated.

Board of Directors Structure and Terms of Office

There are no independent members on the Polat Enerji Board of Directors, and no specific roles have been assigned among the members. Board members serve for a term of 3 years starting from the date of their election.

Committees Reporting to the Board of Directors

At Polat Enerji, the governance structure is supported by committees reporting to the Board of Directors. The main committees operating within this framework are as follows:

Audit Committee Reviews internal audit processes and internal control systems; monitors the compliance of company operations with legal regulations and company policies. It also evaluates the feasibility of commitments made as part of external audits conducted in the areas of quality, environment, and occupational health and safety, including ISO and ESAP audits. Polat Enerji does not have a separate internal audit department; internal control activities are carried out by the Polat Holding Internal Audit Unit.	Personal Data Protection Committee Monitors the management of processes related to the processing, storage, and destruction of personal data, as well as compliance with legislation.	Human Resources, Compensation, and Benefits Committee It establishes compensation policies in line with the company's long-term goals and creates personnel grade and performance metrics.	Sustainability Committee Operates under the General Manager. The Committee consists of the COO, CSO*, the Director of Operations and Maintenance, and representatives from the Human Resources, Quality, OHS-E, Procurement Management, Legal, Finance, and Project Development departments, as well as representatives from the Sustainability Department. The Committee's secretariat is managed by the Sustainability Department, and meetings are held on a monthly basis. *As part of changes to the organizational structure, the title of Chief Investment Officer (CIO) was updated to Chief Strategy Officer (CSO). With this change, the position of the sustainability function within the organization was strengthened. The Sustainability Department, which previously reported to the COO, now reports to the CSO, and the CSO has also become a member of the Sustainability Committee.
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6.1.2. Sustainability Management

At Polat Enerji, we implement sustainability governance within a framework designed to integrate environmental, social, and governance (ESG) considerations into corporate decision-making processes. In this context, the Board of Directors bears ultimate responsibility for defining, monitoring, and aligning the sustainability strategy with the overall governance structure. We address developments in our sustainability performance as a specific agenda item in the reports we submit to the Board of Directors and monitor them regularly. Thanks to the composition of our Board of Directors, which includes representatives from Polat Holding and İş Enerji, we address environmental and social impacts at a strategic level alongside financial assessments in our corporate decision-making processes.

Establishment of the Sustainability Strategy

As of 2025, we have defined our sustainability goals within the scope of Polat Holding Energy Group objectives. These goals were shaped by integrating them into our energy group operations, following the dissemination of previously established management-level targets across departments by 2025. As part of our short-term goals, we plan to conduct training sessions on sustainable development topics in 2026, with the involvement of senior management.

We have initiated preparatory work to define sustainability indicators within the areas of responsibility of various units and to incorporate these indicators into managers' performance criteria (KPIs) in the coming period.

We collect field data under the headings of occupational health and safety, environment, quality, and social impact, and integrate it by coordinating across committees. In 2025, as part of our digital transformation efforts, we continued our work to establish a sustainability management system with the aim of making our sustainability management processes more effective and traceable.

Our ESG performance:

- Our sustainability team analyzes and reports on this data, incorporating information gathered from relevant departments along with supporting documentation,
- We report to senior management and the Board of Directors at least once every three months, based on the identification of key ESG issues at each board meeting,
- We evaluate our performance through internal audits and management review meetings. Through these monitoring and evaluation mechanisms, we regularly track our sustainability performance and identify areas for improvement.

6.2. Ethical Standards and Transparency

We build the foundation of our operations on the principles of transparency, integrity, and accountability. From our employees to our business partners, from local communities to our suppliers, we embrace a corporate culture aligned with ethical standards in all our relationships with stakeholders.

Code of Ethics and Compliance: All Polat Enerji employees are required to act in accordance with the principles outlined in the Code of Ethics and Compliance. The Code is based on the principles of respect, fairness, integrity, and confidentiality in all internal and external relationships.

Within the scope of the Code of Ethics and Compliance:

- Discrimination, forced labor, and child labor are strictly prohibited,
- A zero-tolerance policy is enforced against harassment and mistreatment,
- Internal and external reporting mechanisms for unethical behavior are supported,
- Employees are expected to demonstrate an inclusive, respectful, and supportive approach.

The Code of Ethics and Compliance was re-communicated to all employees in 2025. Information and training activities were conducted as part of this initiative. During the same year, employees also received training on the use of the ethics hotline and unethical behavior.

The key principles outlined in our Code of Ethics and Compliance Guide are as follows:

- Respect for human rights
- Compliance with laws and regulations
- Environmental responsibility
- Healthy and safe work environment
- Equal treatment and equal opportunity
- Diligence
- Protection of Confidential Information
- Protection of Competition
- Combating bribery and corruption
- Compliance and oversight in business relationships
- Combating money laundering and the financing of terrorism
- Protection of company assets
- Prevention of conflicts of interest
- Guidelines on supporting and donating to social responsibility projects, sponsorship support, and social investment practices

Feedback Mechanisms: To enable our stakeholders to effectively communicate their opinions, suggestions, and complaints, we are establishing internal and external complaint mechanisms. In this context, suggestion and complaint boxes are available at our sites where both our employees and external stakeholders can submit their feedback.

External Stakeholders: Local communities, contractors, civil society organizations, and other external stakeholders can submit their feedback to us through face-to-face meetings, site visits, phone, email, social media, official correspondence, complaint boxes, and through contractors.

The communication channel www.bizeyazin.polatenerji.com, designed for our external stakeholders, was developed throughout 2025 and is scheduled to go live in 2026. Both platforms are designed to facilitate the effective collection and evaluation of opinions, suggestions, and complaints.

We process all applications within 30 days and, when necessary, keep applicants informed about the process. As part of this process, complaints received from external stakeholders are collected by the Project Development Department and forwarded to the relevant units based on their content.

Internal Stakeholders:

Our employees can report situations they believe violate ethical principles via the ethics email address, ethics hotline, and social contact points. We route these reports to the relevant committees based on a specific algorithm, manage the resolution processes with cross-functional teams, and communicate the results to the applicants.

Our employees can also submit their feedback directly to their managers, through employee representatives, or via written reports.

In line with this approach, with the aim of strengthening internal communication in 2025, we have launched the Suggestions and Complaints platform at sozsende.polatenerji.com. Additionally, as part of the Great Place to Work (GPtW) initiative, we have implemented feedback and suggestion mechanisms that include open-ended questions in addition to standard ones.

Our feedback mechanism for internal stakeholders provides a structure based on confidentiality that protects our employees from retaliation.

To ensure that reports regarding ethical issues are communicated in a safer and more transparent environment and to improve the recording processes, as of 2025, we launched the Ethics Hotline through a third-party service provider.



6.3. Data Security and Digitalization

We position information security, digital sustainability, and the principles of transparent reporting as core components of our corporate responsibility. In line with this, we are strengthening our digital infrastructure, enhancing our data security systems, and supporting our operational processes with digital solutions.

Data Security and Remote Monitoring Systems

We systematically manage our information security processes within our corporate structure. In this context, our Information Security Committee actively and regularly monitors our information assets, cybersecurity threats, and access rights.

We ensure the continuity of critical systems through data backup and penetration testing practices at our Head Office and power plants. Using the PE-Tech system, we collect real-time wind data from the field, ensure data integrity through AI-supported analyses, and strengthen our decision-support processes. As part of remote monitoring and operational continuity, we monitor our systems 24/7 and track them through our high-voltage operators. We receive notifications via the SCADA system; and provide email notifications in cases of maintenance, power outages, and malfunctions.

2025 Initiatives

- In 2025, we continued our efforts to strengthen data security and our digital infrastructure.
- We established the infrastructure for SCADA operations and configured the control function to block external access. Using our SCADA system infrastructure, we monitored our systems 24/7 to support remote monitoring and operational continuity, while our high-voltage operators tracked their operation. We received notifications through this system; for maintenance, power outages and malfunctions.
- We installed a network segmentation system at our Soma, Geycek, and Göktepe power plants.
- We plan to expand the network segmentation application to other sites by 2026.
- We maintained a 24/7 monitoring structure to ensure uninterrupted monitoring of operational processes.
- We strengthened system-to-system integrations.
- We conducted analyses using digital platforms such as Power BI, PE-Tech, and the Asset Management Dashboard. While we use the PE-Tech system to monitor and evaluate meteorological data, we support turbine management processes through the Asset Management Dashboard.

Additionally, at our power plants with capacities exceeding 100 MW—Soma, Geycek, and Göktepe—an externally sourced dashboard is used to track generation quality, generation volume, and wind and solar conditions. This application will continue through 2026.

Data Protection

We manage our data protection processes through our Data Protection Committee and conduct our data processing, storage, and disposal processes in compliance with relevant legal regulations.

We implement and regularly update our Personal Data Processing, Storage, and Disposal Policy. We conduct awareness-raising initiatives for our employees and stakeholders; we take the necessary technical and administrative measures to ensure the protection of personal data.



6.4. Integrated Management System

At Polat Enerji, our approach to quality is shaped by the principles of continuous improvement and excellence, and is carried out with a focus on stakeholder satisfaction and reliability. We conduct our operations within the framework of an Integrated Management System that encompasses quality, environmental, energy management, and occupational health and safety policies; we embrace this approach as an integral part of our corporate culture.

We base our Integrated Management System on international standards. We have a comprehensive documentation infrastructure that ensures operational control through the participation of various departments and units, and supports improvements aimed at enhancing the effectiveness of business processes. In this regard, policies, procedures, instructions, process maps, forms, and plans have been tailored to specific functions and developed with the participation of all our employees.

As part of our digitalization efforts, Document Management, Corrective and Preventive Actions, and Action Management modules—among the most significant developments in Integrated Management Systems—have been implemented via the QDMS (Quality Document Management System). In this context, major revisions of approximately 400 documents were completed, and these documents were migrated to the QDMS platform, thereby digitizing document management practices. To ensure the effective use of the system, training sessions were conducted for end-users, and the implementation process for employees has been initiated.



Our Certifications

We place great importance on operational excellence and supporting our sustainability efforts with concrete actions. In this context, both our parent company and our subsidiaries have completed various certification processes in compliance with national and international standards. The certifications we hold strengthen our corporate responsibility across a wide range of areas, from resource management to information security, and enhance the reliability of our sustainability performance.

The certifications obtained by Polat Enerji and its subsidiaries are as follows:

- **Zero Waste Certificate**
 - Al-Yel Elektrik Üretim A.Ş.
 - Erguvan Enerji Elektrik Üretim A.Ş.
 - Poyraz Yenilenebilir Enerji Üretim A.Ş.
 - Soma Enerji Elektrik Üretim A.Ş.
- **ISO 9001:2015 Quality Management System**
 - Head Office
 - All power plants except Ege WPP
- **ISO 14001:2015 Environmental Management System**
 - Head Office
 - All power plants excluding Ege WPP
- **ISO 45001:2018 Occupational Health and Safety Management System**
 - Head Office
 - All power plants except Ege WPP
- **ISO 27001:2022 Information Security Management System**
 - Al-Yel Elektrik Üretim A.Ş.
 - Erguvan Enerji Elektrik Üretim A.Ş.
 - Soma Enerji Elektrik Üretim A.Ş.
- **ISO 50001:2018 Energy Management System**
 - Al-Yel Elektrik Üretim A.Ş.
 - Erguvan Enerji Elektrik Üretim A.Ş.
 - Soma Enerji Elektrik Üretim A.Ş.



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7.1. Memberships

Organizations We Are Members of in Türkiye:

- Electricity Producers Association (EÜD)
- Turkish Wind Energy Association (TÜREB)
- Ethics and Reputation Society (TEİD)
- Energy Investors Association (GÜYAD)
- Turkish Industry & Business Association (TÜSİAD) Energy Working Group
- Turkish Industry & Business Association (TÜSİAD) Environment and Climate Change Working Group
- World Energy Council Turkish National Committee (WEC Türkiye)
- The World Business Council for Sustainable Development Türkiye (BCSD Türkiye)
- Energy Traders Association (ETD)
- Turkish Society for Quality (KALDER)
- Energy Storage Industries Association (EDEDER)

Organizations We Are Members of in Hungary:

- Hungarian Battery Association (Magyar Akkumulátor Szövetség)
- Business Council for Sustainable Development in Hungary (BCSDH)
- Hungarian Solar Panel Solar Collector Association (Magyar Napelem Napkollektor Szövetség)
- Chamber of Hungarian Auditors (Magyar Könyvvizsgálói Kamara)
- National Association of Entrepreneurs and Employers (Vállalkozók és Munkáltatók Országos Szövetsége)
- Association for Hungarian Energy Communities and Flexibility Providers (Magyar Energiaközösség és Rugalmassági Szolgáltatói Szövetség)



7.2. Performance Tables

7.2.1. Social Metrics

Türkiye Employee Count Data ¹	2023		2024		2025	
Total number of employees	185		179		180	
Total Female	30	16.2%	32	17.9%	34	18.8%
Total Male	155	83.3%	147	82.1%	146	81.1%
Total Number of Full-Time Employees	185		179		174	
Total Number of Part-Time Employees	0		0		6	
Blue-collar	118		102		98	
Female	3		2		3	
Male	115		100		95	
White-collar	67		77		82	
Female	27		30		31	
Male	40		47		51	
Distribution by employee age groups						
Number of employees under 30	45	24.3%	37	20.7%	39	21.7%
Female	11		12		13	
Male	34		25		26	
Number of employees aged 30–50	124	67.0%	126	70.4%	124	68.9%
Female	19	19	19	17.9%	20	18.8%
Male	105	107	107	82.1%	104	81.1%
Number of employees aged 50 and older	16	8.6%	16	8.9%	17	9.4%
Female	0		1		1	
Male	16		15		16	
Number of employees with disabilities	2		2		2	
Female	0		0		0	
Male	2		2		2	

¹ Only Türkiye operations.

Türkiye Employee Count Data	2023		2024		2025	
Distribution by employee category - Female						
Number of individuals in management bodies Number and percentage	14	37.8%	13	37.1%	13	38.2%
Number of employees excluding management number and percentage	16	10.8%	19	13.2%	21	61.7%
Distribution by employee category- Male						
Number of individuals in management bodies Number and percentage	23	62.2%	22	62.9%	24	16.4%
Number of employees excluding management number and percentage	132	89.2%	125	86.8%	122	83.6%
Number and percentage of employees	-		-		36	20%
Employee turnover rates and percentages						
Number of new hires	28		30		26	
Female	9		7		11	
Male	19		23		15	
Distribution of new employees by age group- Female						
Number of employees under 30	-		-		7	
Number of employees aged 30–50	-		-		4	
Number of employees aged 50 and older	-		-		-	
Distribution of new hires by age group- Male						
Number of employees under 30	-		-		7	
Number of employees aged 30–50	-		-		7	
Number of employees aged 50 and older	-		-		1	
Employee turnover rate (%)*	11.9%		8.2%		14.9%	
Number of employees who left the company	36		25		28	
Female	9		6		12	
Male	27		19		16	

* Employee turnover rate = (Number of employees who left during the period / Average number of employees) × 100

Türkiye Employee Count Data	2023	2024	2025
Distribution of employees leaving their jobs by age group - Female			
Number of employees under 30	-	-	8
Number of employees aged 30–50	-	-	4
Number of employees aged 50 and older	-	-	-
Distribution of employees who left the company by age group - Male			
Number of employees under 30	-	-	5
Number of employees aged 30–50	-	-	9
Number of employees aged 50 and older	-	-	2

Hungary Employee Count Data*		2025
Number of employees under 30 years old ¹		8
	Female	2
	Male	6
Number of employees aged 30–50		27
	Female	12
	Male	15
Number of employees aged 50 and older		3
	Female	3
	Male	0
Number of employees at the management level		4
	Female	1
	Male	3
Number of employees excluding management		34
	Female	16
	Male	18
Number of Full-Time Employees		37
Number of Part-Time Employees		1
Number of Employees with Disabilities		1
	Female	1
	Male	0

¹ 84.2% of employees are locally employed.

* Hungary operations have been included within Polat Enerji as of 2025.

Hungary Employee Count Data		2025*
Employee Turnover Rates and Ratios		
Number of New Hires		12
	Female	7
	Male	5
Number of employees who left the company		3
	Female	1
	Men	2
Employee turnover rate (%)		7.9%

*Polat Enerji's operations in Hungary began in the second half of 2025.

Parental Leave Policies in Türkiye		2023	2024	2025
Number of employees using parental leave*				
	Female	1	1	1
	Men	-	-	-
Number of employees returning to work after parental leave				
	Female	-	1	1
	Men	-	-	-

*In 2025, 1 female employee and 2 male employees took parental leave in Hungary.

Training Sessions (hours)	2023	2024*	2025
Total annual training hours for employees	3,369	5,267	2,235
Female	453	-	950
Male	2,916	-	1,285
Training programs outside of Polat Academy	-	-	1,979
Polat Academy training programs	-	-	256
Hungary Training Hours			
Average training hours per employee	-	-	16
Male	-	-	1,285
Distribution of instructional hours by type of education			
Mandatory training ¹	-	-	16
Technical training ²	-	-	534
Orientation for new hires training	-	-	4
Human Resources training ³	-	-	2
Employee development training	-	-	30
Other training programs ⁴	-	-	20

*Polat Academy was established in 2024.

1 This covers training regularly provided within the scope of legal requirements and internal company policies. Within this context, mandatory continuing professional development training for certified public accountants is also included.

2 This covers training aimed at developing professional and technical knowledge. Within this scope, tax audit training for the accounting manager, Geothermal Training provided to all employees by the development team, and an MBA program pursued by an employee are included.

3 This covers Human Resources training provided within the scope of the annual performance evaluation process conducted for all employees.

4 This covers training organized based on needs and planned as required in different themes such as technical development or finance.

Türkiye Occupational Health and Safety		2024		2025	
Number of employees included in the occupational safety and health system		179	100%	180	100%
Number of employees subject to internal audit		-		180	100%
Total OHS training hours ¹		3,906		5,218	
Total number of employees who received OHS training		195*		201	
Female		28		37	
Male		167		164	
Number and rate of work-related deaths due to injuries or illnesses		0		0	
Total number of workplace accidents among employees ²		15		20	
Number of Non-Lost-Time Accidents		4		1	
Number of accidents not requiring first aid/involving property damage		5		11	
Rate of high-impact workplace accidents among employees ³		-		0	
Number of near-miss incidents reported among employees ⁴		23		18	
Number of workplace accidents involving contractors					
Number of accidents resulting in lost workdays		0		3	
Number of accidents without lost days		4		2	
Number of accidents not requiring first aid/resulting in property damage		1		2	
Hungarian Occupational Health and Safety Data					
Total Number of Workplace Accidents		-		0	
Number and rate of worker deaths due to work-related injuries or illnesses		-		0	
Number of Employees Who Received Occupational Safety and Health Training ⁵		-		38	
Total Occupational Health and Safety Training Hours ⁶		-		57	

* This data was compiled by including the first six months of the Çingilli Solar Power Plant and the Seyitali Wind Power Plant, as well as the most recent six months of data from the Ege region. Accordingly, when we include the training sessions conducted by our General Directorate, the number of participants in the training programs is as shown in the attached table.

1 Occupational Health and Safety training also covers intern employees.

2 The number of work accidents belonging to contractors is included for the year 2024. There are 4 high-consequence accidents belonging to contractors. High-consequence accidents include lost-time accidents.

3 No high-consequence accidents occurred within Polat Enerji.

4 Data belonging to contractors is included.

5 These data exclude contractors. The calculation is based on 1.5 hours of training provided per employee.

7.2.2. Environmental Metrics

Emissions	2024	2025
Scope 1 (tons of CO₂e)	593	1,033
Soma Office	0	0
Ege WPP	9	6
Head Office	80	65
Göktepe WPP	106	523
Poyraz WPP	34	45
Soma WPP	243	278
Ankara Office	-	0
Geycek Hybrid WPP	71	85
Hungary Operations	-	31
Scope 2 – Location-based (tons of CO₂e)	641	597
Soma Office	2	8
Ege WPP	4	44
Head Office	30	32
Göktepe WPP	151	153
Poyraz WPP	40	59
Ankara Office	-	5
Soma WPP	137	222
Geycek Hybrid WPP	199	70
Hungary Operations	-	4
Scope 3 (tons ofCO₂e)	9,321	6,957
Soma Office	31	16
Ege WPP	44	751
Head Office	165	160
Göktepe WPP	441	741
Poyraz WPP	1,906	709
Ankara Office	-	2
Soma WPP	2,391	2,444
Geycek Hybrid WPP	4,127	2,134
Hungary Operations*	-	-
Total Greenhouse Gas Emissions (tonnes of CO₂e)	10,554	8,588

*Hungary operations data includes Hungary SPP facilities and central office locations. Scope 3 emissions have not been calculated for Hungary operations.

Energy	2025
Total fuel consumption from non-renewable sources (MWh)	4,293.44
Natural gas	35.82
Electricity	1,252.30
Diesel	692.11
Gasoline	2,313.21
Total fuel consumption from renewable sources* (MWh)	135.48
Total Energy Consumption (MWh)	4,428.92
Hungary Operations - Total Energy Consumption (MWh)	17.88

*Refers to the use of wood as fuel consumed solely for heating purposes.

Waste	2024	2025
Total waste volume (kg)	28,287	22,698
Hazardous waste volume (kg)	12,693	10,125
Soma WPP	4,435	5,741
Geycek Hybrid WPP	2,420	916
Poyraz WPP	1,205	526
Göktepe WPP	3,270	2,852
Ege WPP	178	90
Head Office	0	0
Amount of non-hazardous waste (kg)	15,594	12,573
Soma WPP	398	329
Geycek Hybrid WPP	310	360
Poyraz WPP	63	96
Göktepe WPP	14,125	11,208
Ege WPP	0	0
Head Office	-	580
Hungary*	-	626.4

*Data for the period from July 1, 2025, to December 31, 2025.

Water	2024	2025
Total water consumption (m³)	2,986*	2,805
Soma WPP	1,596	890
Geycek Hybrid WPP	246	210
Göktepe WPP	259	371
Poyraz WPP	121	110
Ege WPP**	0	0
Head Office	403	437
Soma Office	60	88
Hungary	-	699
Szolnok, Szászberek, Mezőtúr	-	99
SolServices	-	600

*The Seyitali WPP (96 m³) and Cingilli SPP (205 m³) projects, which were in the portfolio in 2024, have been included.

** The Ege WPP facility does not have a switchgear center or similar auxiliary structures; the electricity generated is fed directly into the grid; there is no water consumption at the facility.

7.3. GRI Index

GRI Standard	Disclosure	Relevant section	Page numbers, notes
General Disclosures			
GRI 2: General Disclosures 2021	2-1 Organizational details	About the Report, Polat Enerji at a Glance	4, 10-11
	2-2 Entities included in the organization's sustainability reporting	About the Report	4
	2-3 Reporting period, frequency, and contact point	About the Report	4
	2-4 Restatements of Information		This report is Polat Enerji's third sustainability report. There are no restatements resulting from any adjustments to the information.
	2-5 External assurance		No external audit was conducted in connection with this sustainability report.
	2-6 Activities, value chain and other business relationships	Polat Enerji at a Glance, Power Plants, Business Model, Value Chain	4, 14-17, 27, 28
	2-7 Employees	Our Employees, Corporate Culture and Inclusion	47-49
	2-8 Workers who are not employees	Our Employees, Corporate Culture and Inclusion	47-49
	2-9 Governance structure and composition	Corporate Governance	62-63
	2-10 Nomination and selection of the highest governance body	Corporate Governance	62-63
	2-11 Chair of the highest governance body	Corporate Governance	62-63
	2-12 Role of the highest governance body in overseeing the management of impacts	Corporate Governance	62-63
	2-13 Delegation of responsibility for managing impacts	Sustainability Management	63
	2-14 Role of the highest governance body in sustainability reporting	Sustainability Management	63
	2-15 Conflicts of interest	Ethical Standards and Transparency	64
	2-16 Communication of critical concerns	Risk Management	35
	2-17 Collective knowledge of the highest governance body	Corporate Governance	62
	2-18 Evaluation of the performance of the highest governance body	Corporate Governance	62
	2-19 Remuneration policies	Our Employees, Corporate Culture and Inclusion	47-49
	2-20 Process to determine remuneration	Our Employees, Corporate Culture and Inclusion	47-49
	2-21 Annual total compensation ratio		Polat Enerji does not disclose this information publicly in accordance with the company's confidentiality policies.
	2-22 Statement on sustainable development strategy	2025 Global and Türkiye Renewable Energy Trends, Sustainability Strategy	7, 30

GRI Standard	Disclosure	Relevant section	Page numbers, notes
General Disclosures			
GRI 2: General Disclosures 2021	2-23 Policy commitments	Sustainability Strategy, Responsible Environmental Management, Supply Chain Management, Our Employees, Corporate Culture and Inclusion, Corporate Governance, Data Security and Digitalization, Integrated Management System	30, 38–41, 46, 47–49, 62, 65, 66
	2-24 Embedding policy commitments	Sustainability Strategy, Responsible Environmental Management, Supply Chain Management, Our Employees, Corporate Culture and Inclusion, Corporate Governance, Data Security and Digitalization, Integrated Management System	30, 38–41, 46, 47–49, 62, 65, 66
	2-25 Processes to remediate negative impacts	Corporate Governance, Ethical Standards and Transparency	62–64
	2-26 Mechanisms for seeking advice and raising concerns	Ethical Standarts and Transparency	64
	2-27 Compliance with laws and regulations	Ethical Standards and Transparency	64
	2-28 Membership associations	Memberships	68
	2-29 Approach to stakeholder engagement	Stakeholder Engagement	31
	2-30 Collective bargaining agreements		There are 36 employees at Polat Enerji covered by a collective bargaining agreement.
GRI 3: Material Topics 2021	3-1 Process to determine material topics	Materiality Analysis, Methodology Steps	32–34
	3-2 List of material topics	Methodology Steps	34
	3-3 Management of material topics	Materiality Analysis, Sustainability Strategy	30, 32–34
Management of Climate-Related Risks and Opportunities			
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	Investment Plans & Economic Performance	29
	201-2 Financial implications and other risks and opportunities due to climate change	Risk Management	35
	201-3 Defined benefit plan obligations and other retirement plans	Our Employees, Corporate Culture and Inclusion	47–49
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	Greenhouse Gas Emissions Management	42
	305-2 Energy indirect (Scope 2) GHG emissions	Greenhouse Gas Emissions Management	42
	305-3 Other indirect (Scope 3) GHG emissions	Greenhouse Gas Emissions Management	42
	305-4 GHG emissions intensity	Greenhouse Gas Emissions Management	42
	305-5 Reduction of GHG emissions	Greenhouse Gas Emissions Management	42

GRI Standard	Disclosure	Relevant section	Page numbers, notes
Business Ethics, Anti-Corruption, and Compliance			
GRI 205: Anti-corruption 2016	205-1 Operations assessed for risks related to corruption	Ethical Standards and Transparency	64
	205-2 Communication and training about anti-corruption policies and procedures	Ethical Standards and Transparency	64
GRI 206: Anti-competitive Behavior 2016	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices		There were no lawsuits during the reporting period.
Responsible Environmental Management			
GRI 302: Energy 2016	302-1 Energy consumption within the organization	Energy Efficiency, Environmental Metrics	43, 75-76
	302-3 Energy intensity	Energy Efficiency	43
	302-4 Reduction of energy consumption	Energy Efficiency	43
GRI 303: Water and Effluents 2018	303-1 Interactions with water as a shared resource	Water Management	40
	303-5 Water consumption	Water Management, Environmental Metrics	40, 75-76
GRI 101: Biodiversity 2024	101-1 Policies to halt and reverse biodiversity loss	Biodiversity	40
	101-2 Management of biodiversity impacts	Biodiversity	40
Circular Economy			
GRI 306: Waste 2020	306-1 Waste generation and significant waste-related impacts	Waste Management	38-39
	306-2 Management of significant waste-related impacts	Waste Management	38-39
	306-3 Waste generated	Waste Management	38-39
	306-5 Waste directed to disposal	Waste Management	38-39
Sustainable Supply Chain Management			
GRI 204: Procurement Practices 2016	204-1 Proportion of spending on local suppliers	Supply Chain Management	46
GRI 308: Supplier Environmental Assessment 2016	308-1 New suppliers that were screened using environmental criteria	Supply Chain Management	46
GRI 408: Child Labor 2016	408-1 Operations and suppliers at significant risk for incidents of child labor	Supply Chain Management	46
GRI 409: Forced or Compulsory Labor 2016	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	Supply Chain Management	46
GRI 414: Supplier Social Assessment 2016	414-1 New suppliers that were screened using social criteria	Supply Chain Management	46

Standard	Disclosure	Relevant section	Page numbers, notes
Occupational Health and Safety			
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	Occupational Health and Safety	50-51
	403-2 Hazard identification, risk assessment, and incident investigation	Occupational Health and Safety	50-51
	403-3 Occupational health services	Occupational Health and Safety	50-51
	403-4 Worker participation, consultation, and communication on occupational health and safety	Occupational Health and Safety	50-51
	403-5 Worker training on occupational health and safety	Occupational Health and Safety	50-51
	403-6 Promotion of worker health	Occupational Health and Safety	50-51
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Occupational Health and Safety	50-51
	403-8 Workers covered by an occupational health and safety management system	Occupational Health and Safety	50-51
	403-9 Work-related injuries	Occupational Health and Safety	50-51
	403-10 Work-related ill health	Occupational Health and Safety	50-51
Corporate Social Responsibility			
GRI 203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	Polat Enerji in 2025, Stakeholder Relations and Community Engagement	19–25, 52–60
	203-2 Significant indirect economic impacts	Corporate Social Responsibility Projects	54-59
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	Corporate Social Responsibility Projects	54-59
	413-2 Operations with significant actual and potential negative impacts on local communities	Significant Impacts	34
Employee Development, Diversity, Equity, and Inclusion			
GRI 401: Employment 2016	401-1 New employee hires and employee turnover	Our Employees, Corporate Culture and Inclusion	47-49
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Our Employees, Corporate Culture and Inclusion	47-49
	401-3 Parental leave	Social Metrics	69–74
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	Social Metrics	69-74
	404-2 Programs for upgrading employee skills and transition assistance programs	Our Employees, Corporate Culture and Inclusion	47-49
	404-3 Percentage of employees receiving regular performance and career development reviews	Our Employees, Corporate Culture and Inclusion	47-49
GRI 405: Diversity and Equal Opportunity 2016	405-1 Diversity of governance bodies and employees	Our Employees, Corporate Culture and Inclusion	47-49
	405-2 Ratio of basic salary and remuneration of women to men	Our Employees, Corporate Culture and Inclusion	47-49
GRI 406: Non-discrimination 2016	406-1 Incidents of discrimination and corrective actions taken	Ethical Standards and Transparency	64
Data Security			
GRI 3: Material Topics	3-3 Management of material topics	Data Security and Digitalization	65

7.4. Double Materiality Assessment

Criteria for Assessing the Severity of Impacts

Assessment Criteria	Definition	Measurement Scale
Scale	It indicates how serious the negative effects are or how beneficial the positive effects are for society or the environment.	Very low
		Low
		Moderate
		High
		Critical
Scope	Indicates how widespread the negative or positive effects are. ¹	Very low
		Low
		Moderate
		Widespread
Reversibility	Indicates whether negative impacts can be mitigated by restoring the environment or society to its previous state, and to what extent this is possible. ²	Very widespread
		Remediable without great effort
		Remediable with small effort
		Remediable with medium effort
		Remediable with high effort
Probability	The likelihood of a potential adverse or beneficial effect refers to the probability that the effect will actually occur. ³	Irreversible
		Very unlikely
		Unlikely
		Medium likelihood
		Likely
		Very likely

1

When considering environmental impacts, the scale refers to the area affected by environmental harm or a specific geographic area; when considering social impacts, the scale refers to the number of people affected.

2

Relates only to negative impacts.

3

Relates only to potential impacts.

Assessment of Risks and Opportunities

Evaluation Criteria	Definition	Measurement Scale
Time Horizon	Indicates the time frame in which the risk or opportunity will arise.	Short-term: 1–3 years
		Medium-term: 3–5 years
		Long-term: 5–10 years
Financial Impact	Indicates the impact of the risk or opportunity on the company’s financial performance.	Low impact
		Medium impact
		High impact
Likelihood of Occurrence	Indicates the likelihood of the situation occurring.	Very low
		Low
		Medium
		High
		Very high

7.5. SDGs Supported

Relevant SDGs	Report References (title/subtitle)
SDG 3 Good Health and Well-being	Occupational Safety and Health
SDG 12 Responsible Consumption and Production	Occupational Health and Safety Contractor and Subcontractor Workforce Management Training and Awareness Initiatives
SDG 8 Decent Work and Economic Growth	Ethical Standards and Transparency Supply Chain Management
SDG 12 Responsible Consumption and Production	Supply Chain Management
SDG 16 Peace, Justice, and Strong Institutions	Corporate Governance Ethical Standards and Transparency
SDG 7 Affordable and Clean Energy	Responsible Environmental Management Management of Climate Risks and Opportunities A Pioneering Step in Energy Storage YEKA-WPP 2025 Tenders
SDG 13 Climate Action	Management of Climate Risks and Opportunities Greenhouse Gas Emissions Management Risk Management
SDG 15 Life on Land	Responsible Environmental Management Biodiversity
SDG 5 Gender Equality	Our Employees, Corporate Culture and Inclusion Corporate Social Responsibility Projects - “Light Up the Future with Women’s Labour” Project
SDG 8 Decent Work and Economic Growth	Our Employees, Corporate Culture and Inclusion Employee Development and Training Performance Management Capacity Development Program for the Energy Sector
SDG 10 Reduced Inequalities	Our Employees, Corporate Culture and Inclusion



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