Energy for life

TSRS COMPLIANT
2024 SUSTAINABILITY REPORT

Güney Bağımsız Denetim ve SMMM A.Ş.
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(Convenience Translation of Independent Practitioner's Limited Assurance Report Originally Issued in Turkish)

INDEPENDENT PRACTITIONER'S LIMITED ASSURANCE REPORT ON AYDEM YENİLEBİLİR ENERJİ ANONİM ŞİRKETİ AND ITS SUBSIDIARIES SUSTAINABILITY INFORMATION IN ACCORDANCE WITH TÜRKİYE SUSTAINABILITY REPORTING STANDARDS

To the General Assembly of Aydem Yenilenebilir Enerji Anonim Şirketi;

We conducted a limited assurance engagement on Aydem Yenilenebilir Enerji A.Ş. (the "Group") and its subsidiaries (collectively referred to as the "Group"), sustainability information for the year ended December 31, 2024 in accordance with Türkiye Sustainability Reporting Standards 1 "General Requirements for Disclosure of Sustainability-related Financial Information" and Türkiye Sustainability Reporting Standards 2 "Climate Related Disclosures" ("Sustainability Information").

Our assurance engagement does not cover prior period information or other information linked to the Sustainability Information (including any images, audio files, website links or embedded videos).

Our Limited Assurance Conclusion

Based on the procedures we have performed as described under the 'Summary of the procedures performed as the basis for the assurance conclusion' and the evidence we have obtained, nothing has come to our attention that causes us to believe that Group's Sustainability Information for the year ended December 31, 2024 is not properly prepared, in all material respects, in accordance with Türkiye Sustainability Reporting Standards published in the Official Gazette dated December 29, 2023, and numbered 32414(M) and issued by Public Oversight Accounting and Auditing Standards Authority (the "POA") . We do not express an assurance conclusion on prior period information or on any other information associated with the Sustainability Information (including any images, audio files, website links, or embedded videos).

Inherent Limitations in Preparing the Sustainability Information

Sustainability Information is subject to inherent uncertainty because of incomplete scientific and economic knowledge. Greenhouse gas emission quantification is subject to inherent uncertainty because of incomplete scientific knowledge. Additionally, the Sustainability Information includes information based on climate-related scenarios that is subject to inherent uncertainty because of incomplete scientific and economic knowledge about the likelihood, timing or effect of possible future physical and transitional climate-related impacts

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Responsibilities of Management and Those Charged with Governance for the Sustainability Information

The Group Management is responsible for:

- Preparation of the sustainability information in accordance with Türkiye Sustainability Reporting Standards;
- Designing, implementing and maintaining internal control over information relevant to the preparation of the Sustainability Information that is free from material misstatement, whether due to fraud or error
- The Group Management is also responsible for the selection and implementation of appropriate sustainability reporting methods, as well as making reasonable assumptions and developing estimates in accordance with the conditions.

Those charged with governance are responsible for overseeing the Group's sustainability reporting process.

Responsibilities of the Independent Practitioner Regarding the Limited Assurance of Sustainability Information

Independent Practitioner is responsible for:the following:

- Planning and performing the engagement to obtain limited assurance whether the Sustainability Information is free from material misstatement due to fraud or error;
- Conducting an independent conclusion based on the procedures we have performed and the evidence we have obtained; and
- Reporting conclusion to the Group Management.

Since independent practitioner is responsible to provide an independent conclusion on the Sustainability Information prepared by Group management, we are not permitted to be involved in the preparation process of the Sustainability Information in order to ensure that our independence is not compromised.

Professional Standards Applied

We conducted our limited assurance engagement in accordance with Standard on Assurance Engagements 3000, "Assurance Engagements other than Audits or Reviews of Historical Financial Information", and, in respect of greenhouse gas emissions, International Standard on Assurance Engagements 3410, "Assurance Engagements on Greenhouse Gas Statements", issued by POA.

Independence and Quality Management

We have complied with the independence and other ethical requirements of the Code of Ethics for Professional Accountants issued by POA, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behavior.Our firm applies Standard on Quality Management 1 and accordingly maintains a comprehensive system of quality management including documented policies and procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements. Our work was carried out by an independent and multidisciplinary team including assurance practitioners, sustainability and risk management specialists. We have used the work of our expert team to assess the reliability of the information and assumptions related to the Group's climate and sustainability-related risks and opportunities.We remain solely responsible for our audit opinion

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Summary of Procedures Performed as a Basis for theAssurance Conclusion

We are required to plan and perform our work to address the areas where we have identified that a material misstatement of the Sustainability Information is likely to arise. The procedures we performed were based on our professional judgment. In carrying out our limited assurance engagement on the Sustainability Information, we:

- Inquiries were conducted with the Group's key senior personnel to understand the processes in place for obtaining the Sustainability Information for the reporting period.
- The Group's internal documentation was used to assess and review the information related to Sustainability.

- Considered the presentation and disclosure of the Sustainability Information.
- Through inquiries, obtained an understanding of Group's control environment, processes and information systems relevant to the preparation of the Sustainability Information, but did not evaluate the design of particular control activities, obtain evidence about their implementation or test their operating effectiveness.
- Evaluated whether Group's methods for developing estimates are appropriate and had been consistently applied, but our procedures did not include testing the data on which the estimates are based or separately developing our own estimates against which to evaluate Group's estimates.

The procedures in a limited assurance engagement vary in nature and timing from, and are less in extent than for, a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

Güney Bağımsız Denetim ve Serbest Muhasebeci Mali Müşavirlik Anonim Şirketi
A member firm of Ernst & Young Global Limited

Onur Ünal, SMMM
Partner

August 19, 2025
İstanbul, Türkiye

A member firm of Ernst & Young Global Limited

CONTENTS

INTRODUCTION

Report and Company Information

About the Report

Aydem Yenilenebilir Enerji Anonim Şirketi (Aydem Renewable Energy) 2024 Sustainability Report evaluates the company's sustainability and climate performance, strategic priorities, objectives and progress in the climate field, as well as the applications implemented in this context.

The report has been prepared in accordance with the Türkiye Sustainability Reporting Standards published by the Public Oversight Authority (KGK). This report should be considered in conjunction with other policies available on the company's website.

Transitional Provisions and Reporting Period

The simplifications and exemptions used by Aydem Renewable Energy under the "Transitional Provisions" set out in Annex E to TSRS 1 and Annex C to TSRS 2 are explained in this section.

TSRS 1 E3, TSRS 2 C3: Companies are not required to provide comparative information in their first reporting period under the TSRS. Accordingly, this report for the first reporting period, relating to 2024, does not include information comparing it with previous periods.

TSRS 1 E4: Within the framework of the "Board Decision on the Scope of Application of the Türkiye Sustainability Reporting Standards (TSRS)" Provisional Article 2 (and also TSRS E4(b)), companies may report their sustainability reports for the first annual reporting period in which they apply the TSRS after publishing their financial reports for the relevant period. Accordingly, Aydem Renewable Energy Inc.'s TSRS Report is published no later than the interim financial reporting date. The TSRS-compliant Sustainability Report is published in August 2025, after the financial statements for the period 1 January 2024 – 31 December 2024 have been shared.

Scope of the Report

This report explains Aydem Renewable Energy's sustainability and climate-focused strategies, risk and opportunity management processes, integration with financial planning, and performance achieved in line with sustainability targets. It also includes concrete progress made towards environmental priorities and achievements during the reporting period.

Aydem Renewable Energy and Its Subsidiaries

The information presented in the report covers all activities of Aydem Renewable Energy. In order to accurately represent the company's integrity, the report also includes information on its subsidiaries, in which Aydem Renewable Energy holds 100% of the shares: Sarı Perakende Energy Sales and Trade Inc. Eytur Energy Electricity Generation and Trade Inc., Başat Electricity Generation and Trade Inc., and Akköprü Renewable Energy Generation Inc.

In line with reporting principles, the risk assessments of the subsidiaries have been added to the performance indicators and shared in the report. In this context, the terms "Aydem Renewable Energy", "the Company", "we", "us" and "our" used in the report refer to Aydem Renewable Energy and its consolidated subsidiaries, unless otherwise specified or the nature of the content requires otherwise.

Standards and Frameworks

This report has been prepared in accordance with the Türkiye Sustainability Reporting Standards (TSRS); TSRS 1, which sets out the general principles, content and reporting requirements for the disclosure of financial information related to sustainability – General Provisions on the Disclosure of Sustainability-Related Financial Information, which regulates the reporting of climate-related risks and opportunities in the context of strategy, governance, risk management and performance metrics; TSRS 2 – Climate-Related Disclosures, and the TSRS 2 – Guidance on the Sector-Specific Application of Climate-Related Disclosures (Volume 32: Power Plants and Power Generators), which provides indicators specific to the electricity generation and distribution sector.

CMB and Activity Report References

Aydem Renewable Energy's compliance with the principles set out in the Capital Markets Board (CMB) Corporate Governance Principles and Sustainability Principles Compliance Framework is explained in the report.

Audit Approach

For the selected Environmental, Social and Governance (ESG) indicators included in the report, Güney Bağımsız Denetim ve SMMM A.Ş., an independent audit firm, has conducted an assurance engagement in accordance with International Standard on Assurance Engagements 3000- "Standard on Assurance Engagements Other than Audits or Reviews of Historical Financial Information" (ISAE 3000 Revised). The audit of the report was conducted in accordance with national legislation and regulations on assurance engagements published by the KGK.

Trade Name: Aydem Renewable Energy Anonim Şirketi

Commercial Registry Office: Denizli

Trade Registry Number: 13798

Company Registration Date: 06.07.1995

MERSIS Number: 0165003740400011

Issued Capital: 705.000.000,00 TL

Registered Capital Ceiling: 2.000.000.000,00 TL

About Aydem Shares

Public Offering Date: 29 Nisan 2021

Traded on: Borsa İstanbul

Stock Code: AYDEM

Industry: Star

Sector: Electricity, Gas and Water / Electricity, Gas and Steam

Indices Traded On

Borsa Istanbul Indices (BIST):

- BIST SUSTAINABILITY (XUSRD)
- BIST SERVICES (XUHIZ)
- BIST ALL SHARES-100 (XTUMY)
- BIST CORPORATE GOVERNANCE (XKURY)
- BIST ELECTRICITY (XELKT)
- BIST DENIZLI (XSDNZ)
- BIST ALL SHARES (XUTUM)
- BIST 500 (XU500)
- BIST STARS (XYLDZ)

Global Indicies:

- FTSE4GOOD
- FTSE World Europe
- FTSE Emerging Minimum Variance
- FTSE Emerging
- FTSE All-World

Contact

Corporate Website

www.aydemyenilenebilir.com.tr/en

Investor Relations Website

aydemrenewablesinvestorrelations.com.tr/en

Headquarters

Adalet Mahallesi Hasan Gönüllü Boulevard No: 15/1 Merkezefendi Denizli

Telephone +90 258 242 27 76

Fax +90 258 265 15 85

Corporate Website

www.aydemyenilenebilir.com.tr

Investor Relations Contact Information

E-mail: yatirimciiliskileri@aydemenerji.com.tr / investorrelations@aydemenerji.com.tr

Phone +90 258 242 27 76

Uğur Yüksel
Aydem Renewable Energy General Manager

MESSAGE FROM THE GENERAL MANAGER

Dear Stakeholders,

Significant progress was made in 2024 in the areas of sustainable growth, energy efficiency and technology integration, further strengthening our financial performance. We are delighted to have concluded the year successfully, having implemented the right strategies.

I am proud to announce that we have successfully completed the first year of generation at the Uşak Hybrid Solar Power Plant, which is the largest hybrid solar power plant in our country with an installed capacity of 82.15 MW. This project has not only increased our operational efficiency but also made a significant contribution to our EBITDA. With our hybrid power plants, we are optimising our energy generation and accelerating our sustainable growth by harnessing the power of both solar and wind energy.

As part of our Wind Capacity Increase projects, we commissioned 11 turbines, each with an installed capacity of 6 MW, at Uşak WPP in 2023, as well as 2 turbines, each with an installed capacity of 6 MW, at Söke WPP. These investments positively reflected on our annual energy generation in 2024.

We have further strengthened our financial position.

As Türkiye's largest and leading company in the renewable energy sector, we delivered a strong financial performance in 2024, reaping the rewards of our investments, and ended the year with total assets exceeding 56 billion TL and EBITDA (earnings before interest, taxes, depreciation and amortisation) of 4 billion 944 million TL. In line with our steps to strengthen investor confidence, we made our first dividend payment and coupon payments to our foreign investors in 2024.

We achieved operational excellence through digital transformation.

2024 was also a year in which we implemented digital monitoring and optimisation systems to increase the efficiency of our energy fields. We are enhancing operational excellence by utilising big data and artificial intelligence-supported prediction systems in the maintenance processes of our 25 power plants. We are accelerating process improvements by increasing the training of our technical teams in innovative technologies. In this context, we have achieved a 99.7% availability rate

We set a precedent in Türkiye with the Uşak WPP capacity increase project.

As part of our Uşak WPP capacity increase investment, we pioneered an innovative, efficiency-focused approach in Türkiye. As a result of long-term monitoring and measurement studies, we replaced five 1.5 MW turbines with older technology with new-generation turbines with a higher capacity of 6 MW installed power in order to achieve the highest efficiency in energy generation. With this transformation, we not only increased the efficiency of our existing turbines, but also increased our energy generation capacity.

In line with Türkiye's 2035 energy transition roadmap target of 120,000 MW of installed wind and solar capacity, we continue to contribute to the country's energy supply security.

The 36 MW capacity increase in Uşak is planned to be commissioned in 2025. The investment process has been completed, and we are currently awaiting approval from the relevant authorities to commission the plant. Furthermore, our 2025 targets include focusing on the licensing and EIA permit processes for our existing investment projects, preparing these projects for investment in the coming years. At the same time, we aim to strengthen our growth strategy by evaluating new investment opportunities both in Türkiye and abroad.

Global leadership in sustainability

Our greenhouse gas emission reduction targets have been approved by the Science Based Targets Initiative (SBTi), placing us among more than 5,000 companies and financial institutions worldwide. Our sustainability strategy is in line with international standards and we are taking a leading role in the fight against climate change. We are proud to be the only Turkish company to be included in the Global A List for three consecutive years in both categories of the Carbon Disclosure Project's (CDP) 2024 Water Security and Climate Change Programme, an international environmental reporting platform. This achievement is also valuable in that it once again confirms our leadership in water security and climate change and our environmental commitments on the international stage.

In the 100th year of our Republic, we contributed to the generation of over 300 tonnes in 2024 by providing **33 tonnes of triticale seed** support to **100 farmers**.

Over the past four years, we have provided 4 million I-REC (International Renewable Energy Certificates) to our customers who receive electricity from our power plants. By providing approximately 30% of the I-REC certificates generated by hydroelectric power plants, we have once again demonstrated our leadership in the sector and our commitment to renewable energy.

We are maintaining our rising performance in corporate governance and sustainability indices.

At Aydem Renewable Energy, we take a holistic approach to our sustainability efforts, addressing not only the environmental dimension but also the social and governance dimensions. We have improved our score in the FTSE4Good Index, created by global index provider Financial Times Stock Exchange (FTSE) Russell, which evaluates companies that excel in environmental, social, and governance (ESG) practices. With this achievement, we have once again crowned our sustainability performance on a global scale. Furthermore, by being included in the BIST Sustainability Index, which measures the sustainability performance of companies traded on the Istanbul Stock Exchange, we have reinforced our pioneering position in the field of sustainability in Türkiye.

Adding to our achievements in corporate governance, we raised our Capital Markets Board (CMB) 'Corporate Governance Principles Compliance Score' to 9.57 in 2024.

With our Investor Relations website, we won Gold Stevie® awards in the 'Energy' and 'User Experience' categories at the Stevie International Business Awards®. With our first Integrated Report, we won six awards, including Platinum, at the LACP 2023 Vision Awards.

We continue to contribute to society and the environment.

As part of our social responsibility projects, the solar energy plant consisting of 3,065 panels, which we donated in 2023 with an investment of $1.6 million in Uşak, met the energy needs of 546 units with its generation in 2024. In the 100th year of our Republic, we contributed to the generation of over 300 tonnes in 2024 by providing 33 tonnes of triticale seed support to 100 farmers.

With our "Clean rivers, clean future" project, we are reducing water pollution by cleaning up plastic and other waste in rivers, raising environmental awareness.

We are taking strong steps towards the future.

Like bees, which symbolise harmony and productivity and in which we find our reflection in nature, we are carrying our values forward with our competent collective power and dedication, continuing to contribute to a sustainable future. We sincerely thank all our stakeholders who share our excitement in bringing this vision to life.

Yours sincerely,

Uğur Yüksel
General Manager
Aydem Renewable Energy A.Ş.

ABOUT AYDEM RENEWABLE ENERGY

AYDEM RENEWABLE ENERGY AT A GLANCE

Aydem Renewable Energy, which began its renewable energy generation journey in 1995 under the Aydem Energy umbrella and launched Türkiye's first private hydroelectric power plant project in Denizli in 1997, is Türkiye's largest private sector energy company in terms of installed capacity, producing energy from 100% renewable sources.

It has a total installed capacity of 1,180 MW from 25 modern renewable energy power plants spread across the country. Türkiye's energy needs are met through renewable sources via hydroelectric, wind, solar and geothermal power plants.

The Company has a young portfolio consisting of 20 hydroelectric power plants (HPP), 3 wind power plants (WPP), 1 hybrid solar power plant (SPP) and 1 geothermal power plant (GPP), contributing to Türkiye's energy transition process through clean energy generation. As of 2024, 72% of the Company's installed capacity (852.1 MWm) comes from HPP, 20% (238.5 MWm) from WPP, 7% (82.2 MWm) from hybrid SPP, and 1% (6.9 MWm) from JES.

Robust and Sustainable Business Model

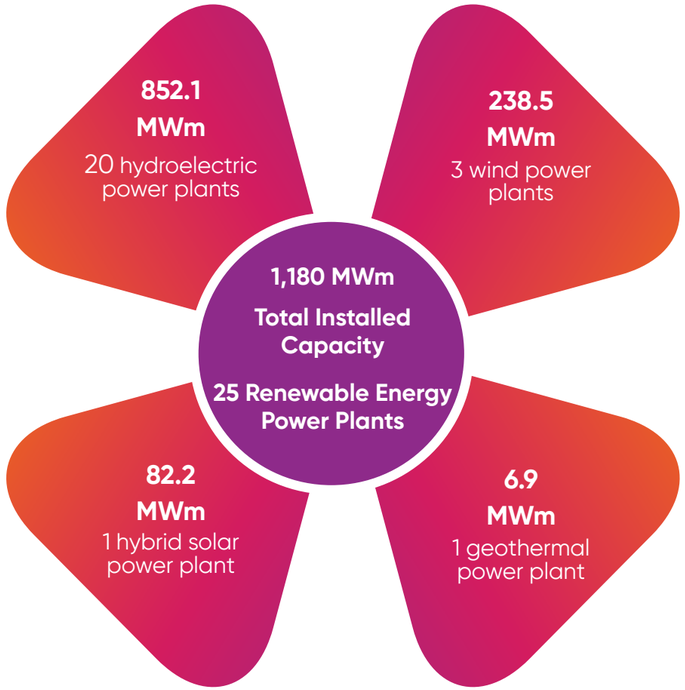
100% Green Energy

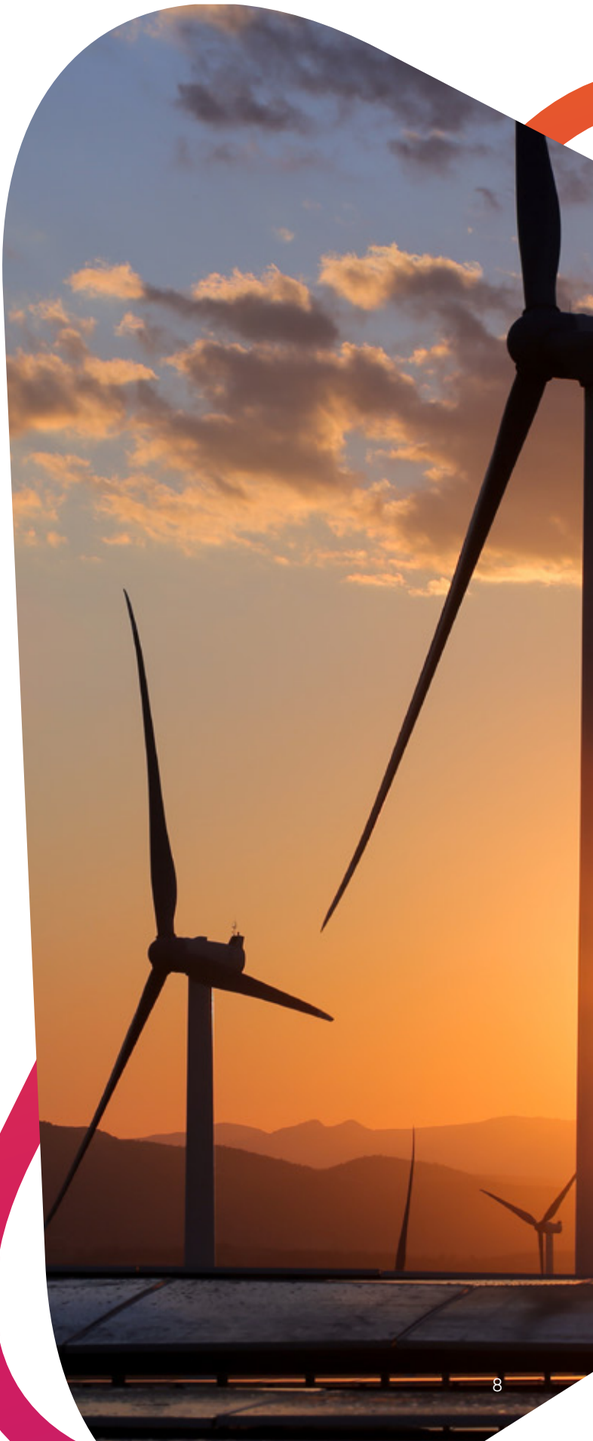
Generation from Power Plants Eligible for the Renewable Energy Resources Support Mechanism (YEKDEM)

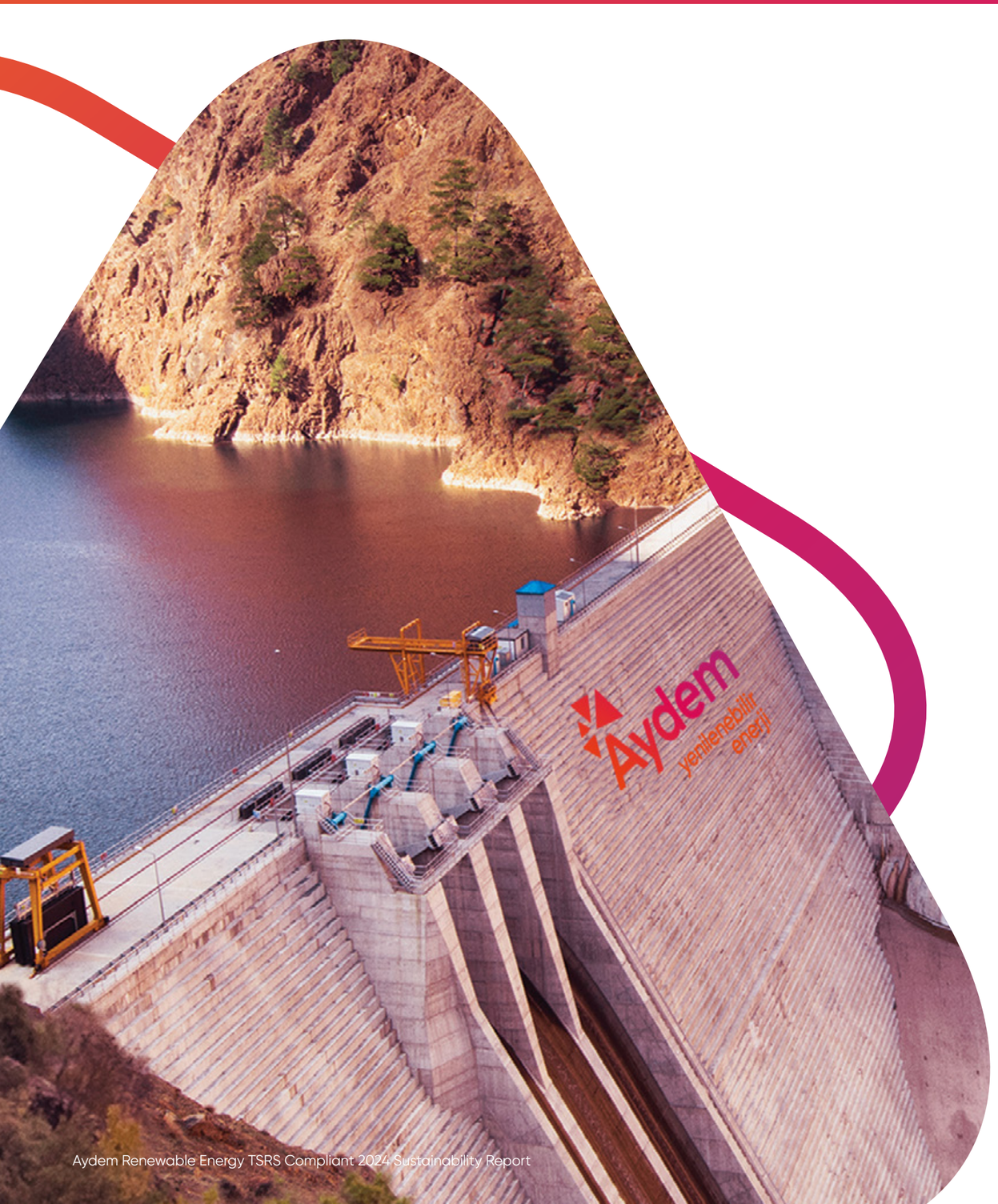
Geographical diversity advantage

New and modern facilities

Investments that provide portfolio diversity







Expertise in Power Plant Development and Maintenance

With 29 years of experience in renewable energy generation, Aydem Renewable Energy has developed and implemented the construction and electromechanical projects of all its power plants, except for two, with its skilled human resources. The company carries out the majority of maintenance work at its power plants with expert maintenance and repair teams that utilise advanced technology and high quality standards.

Sustainability Commitments and Global Contributions

Aydem Renewable Energy signed the United Nations Global Compact (UNGC) in 2020 and became a participant in 2021, reinforcing this commitment with its corporate contribution to sustainable development. The company joined the signatories in 2022 by supporting the Women's Empowerment Principles (WEPs).

In 2022, the company announced its near-term emission reduction and Net-Zero commitments under the Science Based Targets initiative (SBTi).

Aydem Renewable Energy emphasises its commitment to the principles and values defined by the United Nations Global Compact and the Sustainable Development Goals (SDGs), regularly sharing its social, economic and environmental performance with its stakeholders through its sustainability reports prepared in accordance with the Global Reporting Initiative (GRI), regularly shares its social, economic, and environmental performance with its stakeholders.

Successful Initial Public Offering and Trading on the Istanbul Stock Exchange

Aydem Renewable Energy successfully completed the largest public offering in the last three years in terms of transaction size in April 2021, and its shares are traded on the Borsa Istanbul Stars Market under the symbol "AYDEM".

Achieving Excellence in Corporate Governance

In 2022, SAHA Kurumsal Yönetim ve Kredi Derecelendirme Hizmetleri A.Ş. rated the Company's level of compliance with the "Corporate Governance Principles" published by the Capital Markets Board of Türkiye (CMB) for the first time, and the Company achieved a rating of 9.48 out of 10 and was included in the Borsa Istanbul Corporate Governance Index (XKURY) following this result. In 2023, the Company's Corporate Governance Principles compliance rating was 9.56 out of 10, and 9.57 in 2024.

Aydem Holding Group Companies

Aydem Energy plays a significant role in meeting Türkiye's electricity needs through its other companies and activities in the sector, in addition to renewable energy generation.

RENEWABLE ENERGY PRODUCTION

Aydem Renewable Energy

Established: 1995

Entirely Renewable Energy Generation Portfolio: 25 (20 Hydroelectric Power Plants, 3 Wind Power Plants, 1 Hybrid Solar Power Plant, 1 Geothermal Power Plant)

Total Installed Capacity:

1,179.63 MWm

ELECTRICITY RETAIL SALES

Aydem Retail

Established: 2008

Türkiye's First Privatised Retail Company
Electricity Supply Services in All 81 Provinces of Türkiye I-REC Certified Green Energy Sales

2,227,603 Locations

1,601,761 People

Gediz Retail

Established: 2013

Electricity Supply Services in Türkiye's 81 Provinces I-REC Certified Green Energy Sales

3,387,744 Locations

2,552,783 People

ELECTRICITY DISTRIBUTION

Adm Electricity Distribution

Established: 2008

Distribution Area: Aydın, Denizli, Muğla

The First Private Electricity Distribution Licence in Türkiye Company

3.2 Million Population

2.4 Million Subscribers

Gdz Electricity Distribution

Established: 2013

Distribution Area: Izmir Manisa

6 Million Population

3.9 Million Subscribers

OTHER

Parla Solar

Established: 2014

Solar Panel Production

32,000 m² Production Area

Production Capacity: 300 MWm

GDZ Energy

Established: 2014

Increasing operational efficiency and shaping the dynamics of the service sector

Elsan Electrical Equipment

Established: 1980

Production and Sale of Electrical Equipment

30,000 tonnes/year Production Capacity

65% of Sales are Exports

Tümaş

Established: 1986

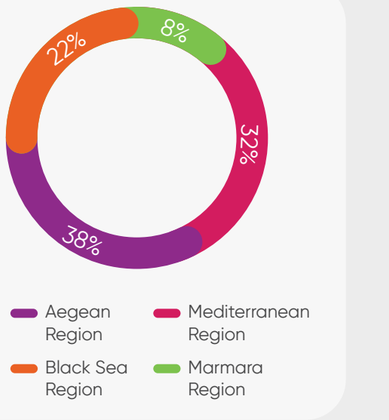
Türkiye's largest natural stone producer

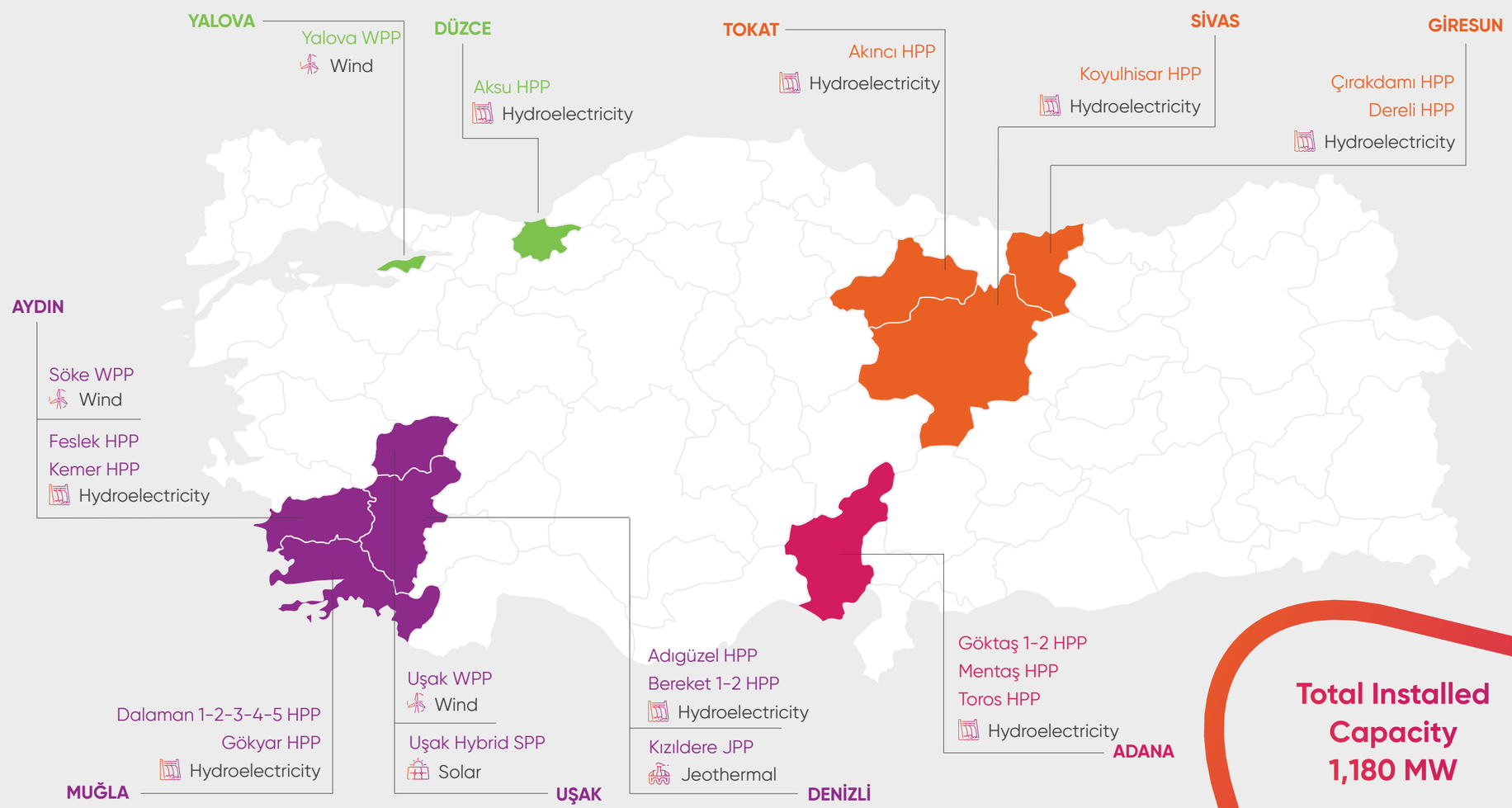
Hundreds of projects in Türkiye and abroad

OPERATIONAL MAP

Current Situation

The largest portfolio generating energy from Türkiye's 100% renewable resources

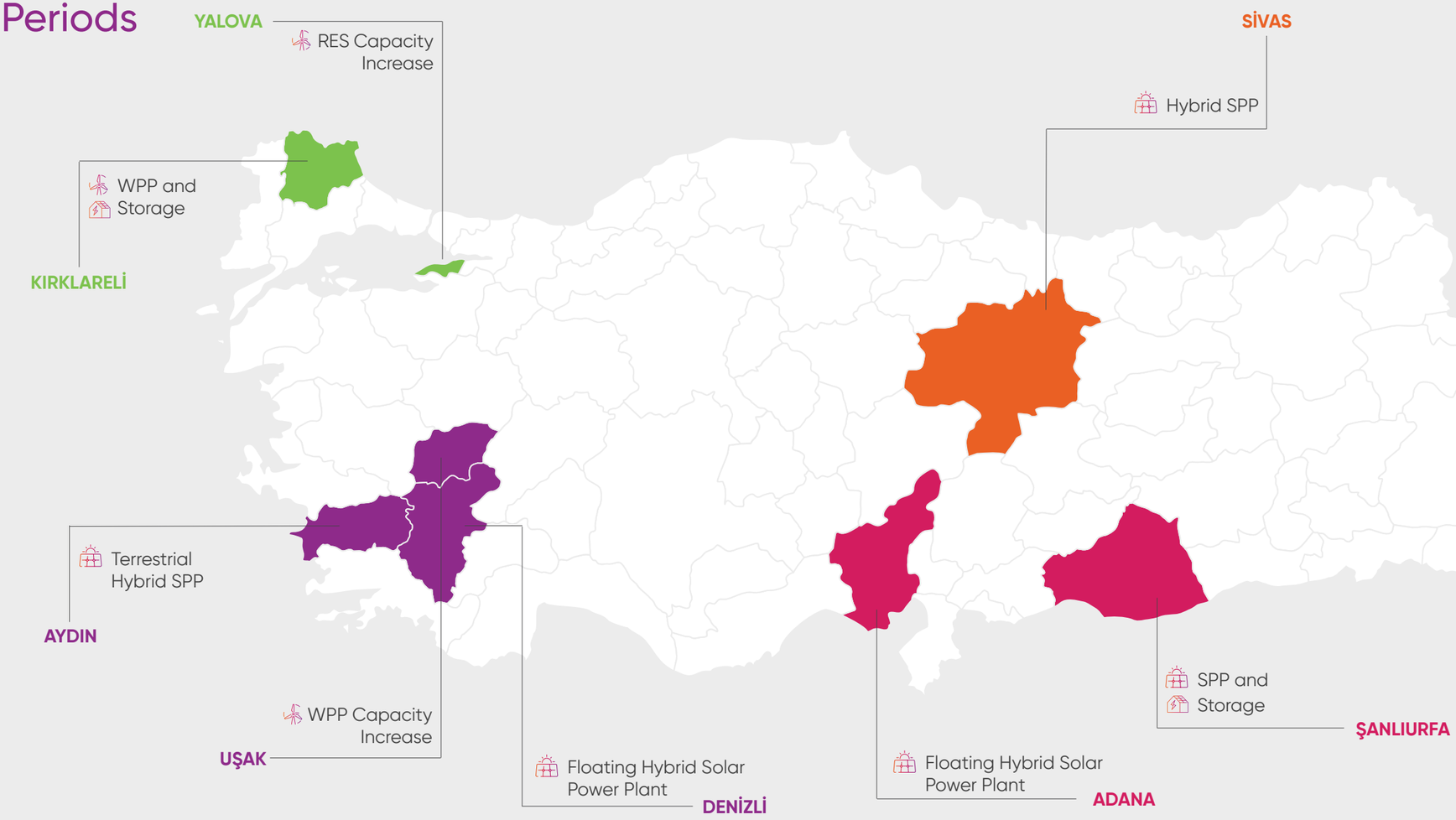




Total Installed Capacity 1,180 MW

Plans for the Future Periods

The planned increase in hybrid solar and wind capacity investments will be financed entirely through the Company's internal resources and cash flows.



HYDROELECTRIC POWER PLANTS

Location and Capacity Information of the Power Plants

ADANA

Göktaş 1-2 HPP

The Göktaş 1-2 Hydroelectric Power Plants are located on the Zamantı branch of the Seyhan River in the Kozan and Aladağ districts of Adana province. Their installed capacity is 275.6 MWm, with an average annual energy generation (run-rate) of 848.8 GWh. Göktaş 2 was commissioned in 2015, while Göktaş 1 was commissioned in 2016. The design flow rate of the project was calculated as 108 m^2/s. There are two vertical-axis Francis-type units, each with a capacity of 61.10 MWm, at the Göktaş 1 HPP and two units, each with a capacity of 76.70 MWm, at the Göktaş 2 HPP, making a total of four units at both plants.

Installed capacity:	275.60 MWm
Licence Date:	26.11.2020
Remaining Licence Period:	31 years
Number of Employees:	38

ADANA

Mentaş HPP

Mentaş Hydroelectric Power Plant is located on the Seyhan River in the İmamoğlu district of Adana. It has an installed capacity of 49.6 MWm and an average annual energy generation (run-rate) of 121 GWh. The plant was commissioned in 2006. The project design flow rate was calculated as 300 m^2/s. Mentaş HPP has a total of four vertical-axis Kaplan-type units, including three units with a generation capacity of 13.30 MWm and one unit with a generation capacity of 9.60 MWm.

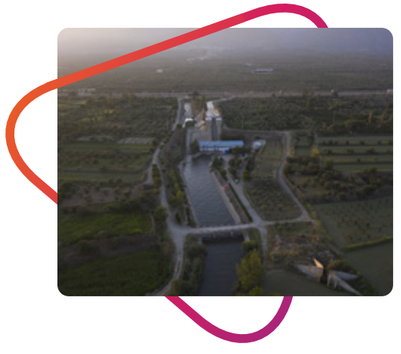
Installed Capacity:	49.60 MWm
Licence Date:	18.11.2004
Remaining Licence Period:	29 years
Number of Employees:	22

ADANA

Toros HPP

Toros Hydroelectric Power Plant is located on the Çakıt River within the borders of Adana Province. It has an installed capacity of 49.99 MWm and an average annual energy generation (run-rate) of 210.5 GWh. The plant was commissioned in 2013. The design flow rate of the project was calculated as 15.38 m^2/s. Toros HPP has a total of two vertical-axis Pelton-type units, each with a capacity of 24.99 MWm.

Installed Capacity:	49.99 MWm
Licence Date:	18.01.2007
Remaining Licence Period:	31 years
Number of Employees:	25



AYDIN

Feslek HPP

The power station is located on the Büyük Menderes River within the boundaries of Nazilli district, Aydın province. It has a total capacity of 8.84 MWm and an average annual energy generation (run-rate) of 21.2 GWh. The power station was commissioned in 2004. The design flow rate for the project was calculated as 40 m^2/s.

Feslek HPP has a total of two horizontal-axis Kaplan-type units, each with a capacity of 4.42 MWm.

Installed Capacity:	8.84 MWm
Licence Date:	14.11.2004
Remaining Licence Period:	20 years
Number of Employees:	15

AYDIN

Kemer HPP

It is located on the Akçay River in the Bozdoğan district of Aydın province. The Kemer Hydroelectric Power Plant, which is publicly owned and operated by Elektrik Üretim A.Ş. (EÜAŞ), was transferred to Aydem Renewable Energy through privatisation at the beginning of 2017. It has a total installed capacity of 48 MWm and an average annual energy generation (run-rate) of 102.4 GWh. The project design flow rate is calculated as 61.74 m^3/s.

The Kemer HPP has a total of three vertical-axis Francis-type units, each with a capacity of 16 MWm.

Installed Capacity:	48 MWm
Licence Date:	30.01.2020
Remaining Licence Period:	42 years
Number of Employees:	17

DENİZLİ

Adıgüzel HPP

Located in the South district of Denizli province, on the Büyük Menderes River. It is publicly owned and operated by Elektrik Üretim A.Ş. (EUAŞ). Power Plant, which is publicly owned and operated by Electricity GenerationA.Ş. (EUAŞ), was privatised and transferred to Aydem Renewable Energy in early 2017. The Adıgüzel HPP features a total of 2 vertical-axis Francis-type units, each with a capacity of 31 MWm.

Installed Capacity:	62 MWm
Licence Date:	30.01.2020
Remaining Licence Period:	42 years
Number of Employees:	9

DENİZLİ

Bereket 1-2 HPP

The Bereket 1 and 2 Hydroelectric Power Plants, the first privately owned power plants established outside the state sector in Türkiye, are located on the Bereket Irrigation Canal, which is fed by the Çürüksu, a tributary of the Büyük Menderes River, and is situated 5 km from the centre of Denizli.
The total installed capacity of the power plants is 3.15 MWm, with an average annual energy generation (run-rate) of 14.1 GWh. The power plants were commissioned in 1997. The design flow rate for the project was calculated as 5.75 m^3/s. Bereket I HPP has two units, each with a capacity of 770 kWe, while Bereket II HPP has two units, each with a capacity of 805 kWe. There are a total of four horizontal-axis Francis-type units at each of the two plants. The Adıgüzel Hydroelectric Power Plant is located on the Büyük Menderes River in the Güney district of Denizli province. Its installed capacity is 62 MWm, and its average annual energy generation (run-rate) is 126.8 GWh. The plant was commissioned in 1993 and became part of Aydem Renewable Energy in 2017. The project design flow rate was calculated as 66 m^3/s.

Installed Capacity:	3.15 MWm
Licence Date:	18.11.2004
Remaining Licence Period:	12 years
Number of Employees:	26

DÜZCE

Düzce Aksu HPP

It is located on the Aksu River within the borders of Düzce Province. It has a total installed capacity of 46.20 MWm and an average annual energy generation (run-rate) of 133.6 GWh. The power plant was commissioned in 2014. The project design flow rate was calculated as 8 m^3/s.

Düzce Aksu HPP has a total of 2 vertical-axis Pelton-type units, each with a capacity of 23.10 MWm.

Installed Capacity:	46.20 MWm
Licence Date:	24.10.2019
Remaining Licence Period:	31 years
Number of Employees:	15

GİRESUN

Çırakdamı HPP

Çırakdamı Hydroelectric Power Plant is located on the Aksu River in the Dereli district of Giresun province. Its installed capacity is 49.10 MWm, and its average annual energy generation (run-rate) is 152.5 GWh. The plant was commissioned in 2012. The design flow rate for the project was calculated as 27.50 m^3/s.

The Çırakdamı HPP has a total of two vertical-axis Francis-type units, each with a capacity of 24.55 MWm.

Installed Capacity:	49.10 MWm
Licence Date:	27.07.2023
Remaining Licence Period:	29 years
Number of Employees:	13

GİRESUN

Dereli HPP

Dereli Hydroelectric Power Plant is located on the Aksu River in the Dereli district of Giresun province. Its installed capacity is 49.2 MWm, and its average annual energy generation (run-rate) is 149.7 GWh. The plant was commissioned in 2014. The design flow rate for the project was calculated as 21 m^3/s.

Dereli HPP has a total of 2 vertical-axis Francis-type units, each with a capacity of 24.60 MWm.

Installed Capacity:	49.20 MWm
Licence Date:	27.07.2023
Remaining Licence Period:	29 years
Number of Employees:	18

MUĞLA

Dalaman 1-2-3-4-5 HPP

The Dalaman 1-5 Hydroelectric Power Plants are located on the Dalaman River within the borders of Muğla Province. They consist of five power plants, each with equal capacity. The total installed capacity of the power plants is 37.5 MWm, and their average annual energy generation (run-rate) is 140.2 GWh. The power plants were commissioned between 1999 and 2005. The design flow rate for the project was calculated as 64.5 m^3/s. Dalaman 1-5 HPP has a total of 15 horizontal-axis Kaplan-type units, with three 2.5 MWm units in each power plant.

The Gökyar Hydroelectric Power Plant is located on the Dalaman River, which originates in the provinces of Denizli and Burdur and flows into the sea within the borders of the province of Muğla. It has a total capacity of 10.95 MWm and an average annual energy generation (run-rate) of 41.4 GWh. The project design flow rate was calculated as 66 m^3/s.

Installed Capacity:	37.50 MWm
Licence Date:	18.11.2004
Remaining Licence Period:	15 years
Number of Employees:	64

MUĞLA

Gökyar HPP

Gökyar HPP features a total of three vertical-axis Kaplan-type units, each with a capacity of 3.65 MWm.

Installed Capacity:	10.95 MWm
Licence Date:	18.12.2004
Remaining Licence Period:	20 years
Number of Employees:	22

SİVAS

Koyulhisar HPP

Koyulhisar Hydroelectric Power Plant is located on the Kelkit River in the Koyulhisar district of Sivas province. It has an installed capacity of 63 MWm and an average annual energy generation (run rate) of 246.8 GWh. The plant has been in operation since 2009. The project design flow rate was calculated as 84 m^3/s.

Koyulhisar HPP has a total of three vertical-axis Francis-type units, each with a capacity of 21 MWm.

Installed Capacity:	63 MWm
Licence Date:	10.02.2005
Remaining Licence Period:	20 years
Number of Employees:	31

TOKAT

Akıncı HPP

Akıncı Hydroelectric Power Plant is located on the Kelkit River, which flows through the districts of Reşadiye and Niksar in Tokat. It has an installed capacity of 99 MWm and an average annual energy generation (run-rate) of 423.1 GWh. The plant was commissioned in 2018. The design flow rate for the project was calculated as 105 m^3/s.

Akıncı HPP has a total of three vertical-axis Francis-type units, each with a capacity of 33 MWm.

Installed Capacity:	99 MWm
Licence Date:	24.10.2019
Remaining Licence Period:	31 years
Number of Employees:	17

WIND POWER PLANTS

Location and Capacity Information of the Power Plants

AYDIN

Söke WPP

The Söke WPP investment, located within the boundaries of Söke district, Aydın province, commenced in 2014. Söke WPP has 15 Vestas V-112-3.3 turbines, each with a capacity of 3 MWm, and Goldwind GW165-6 turbines, each with a capacity of 6 MWm. Fifteen Vestas V-112-3.3 turbines were commissioned in 2015. As part of the power increase investments, the Ministry approval process for two Goldwind turbines was completed on 15 December 2023.

The administrative, switching and electrical management of the power plant is carried out within the Company, while comprehensive maintenance and repair contracts have been signed with the relevant turbine manufacturers for the turbines. Söke RES, which has an average availability of over 99.5%, had an availability value of 99.4% in 2023. With the commissioning of two more turbines (2 x 6 MWm) in 2023 as part of the capacity increase, the Söke Wind Power Plant, consisting of a total of 15 turbines, has an average annual energy generation (run-rate) of 202.8 GWh.

Söke WPP is one of Türkiye's leading projects in terms of wind potential. Generation varies by year and season, with an average annual energy generation (run-rate) of 202.8 GWh and a capacity factor of 41%. The administrative, switching and electrical management of the power plant is carried out within the Company, while a full-scope maintenance & repair contract has been signed with the relevant turbine company for the turbine side, and the work carried out is also supervised by Aydem Renewable Energy teams.

Installed Capacity:	57 MWm
Licence Date:	24.10.2019
Remaining Licence Period:	36 years
Number of Employees:	12

UŞAK

Uşak WPP

The Uşak WPP investment, located within the boundaries of Banaz district in Uşak province, commenced in 2012. Uşak WPP consists of a total of 52 turbines. Of these turbines, 36 Sinovel SL1500/89 type turbines were commissioned in 2014 with a capacity of 54 MWm, four Sinovel SL1500/90 turbines were commissioned in 2020 with a capacity of 6 MWm, and one Sinovel SL1500/90 turbine was commissioned in 2021 with a capacity of 1.5 MWm. As part of the power increase investments carried out in 2023, 11 Goldwind GW 165 turbines (11x6 MWm) were commissioned, bringing the plant's total power to 127.5 MWm.

Uşak WPP generation varies by year and season, with an average annual energy generation (run-rate) of 215.0 GWh, operating at a capacity factor of 26%. The administrative, switching and electrical management of the power plant is carried out within the Company, while maintenance and repairs on the turbine side are carried out in a hybrid model by a team consisting of Aydem Renewable Energy employees and the relevant turbine company. The availability value of Uşak WPP for the 2023 operating period is 99.7%.

Installed Capacity:	127,5 MWm
Licence Date:	24.10.2019
Remaining Licence Period:	33 years
Number of Employees:	29

YALOVA

Yalova WPP

The Yalova WPP investment, located within the boundaries of Armutlu district, Yalova province, commenced in 2014. The Yalova WPP, consisting of 36 wind turbines, comprises 24 Sinovel SL 1500/89 turbines with a capacity of 36 MWm, commissioned in 2016, and 12 Sinovel SL 1500/82 turbines with a capacity of 18 MWm, commissioned in 2017.

The total installed capacity of the Yalova WPP is 54 MWm. Its generation varies according to the year and season, with an average annual energy generation (run-rate) of 130.0 GWh and a capacity factor of 29%. The administrative, switching and electrical management of the plant is carried out within the Company, while maintenance and repairs on the turbine side are performed in a hybrid model by a team consisting of Aydem Renewable Energy employees and the relevant turbine company. The availability rate of the Yalova WPP in 2023 is 99.6%.

Installed Capacity:	54 MWm
Licence Date:	24.10.2019
Remaining Licence Period:	33 years
Number of Employees:	21

GEOTHERMAL POWER PLANT

Location and Capacity Information of the Power Plants

DENİZLİ

Kızıldere GPP

The Kızıldere Geothermal Power Plant, located in the Sarayköy district of Denizli province, commenced construction in 2006 and was commissioned on 4 January 2008. It has an installed capacity of 6.85 MWm and an average annual energy generation of 38 million kWh. Commissioned in 2008, the plant has two Pentan-type turbines. The power plant, whose geothermal source is provided by another company, has produced energy during certain periods but is currently unable to do so due to insufficient resources. During this period, Kızıldere JES supplies hot water to the Sarayköy Heating Centre, which is also part of the Company. The Sarayköy Heat Centre provides heating for 5,000 residential equivalents (approximately 65% of Sarayköy).

Installed Capacity:	6,85 MWm
Licence Date:	07.11.2019
Remaining Licence Period:	28 years
Number of Employees:	12

HYBRID SOLAR POWER PLANT

Location and Capacity Information of the Power Plants

UŞAK

Uşak WPP Hybrid Solar Power Plant

Solar panels with a capacity of 82.15 MWm have been installed at the Uşak WPP facility as an auxiliary source, giving the plant its hybrid status. As of the date it was commissioned, it is the highest-capacity hybrid solar power plant in Türkiye. (The hybrid solar power plant with a capacity of 82.15 MWm, whose installation was completed at the Uşak WPP facility, was approved by the Ministry and commissioned on 23 February 2023.)

Installed Capacity:	82,15 MWm
Licence Date:	24.10.2019
Remaining Licence Period:	33 years
Number of Employees:	Uşak WPP employees are providing services for the same project.

VISION, MISSION, STRATEGY, AND VALUES

We work to ensure the sustainability of natural resources, the environment and the needs of future generations, guided by our sustainability culture developed by evaluating the social and economic impact areas, the expectations of all our stakeholders and our corporate strategy, our vision of "clean energy for a sustainable future" and our mission of "being Türkiye's leading renewable energy producer". With our focus on renewable energy, we aim to continuously advance our company.

We are working with determination to build on our achievements to date and create maximum value for our internal and external stakeholders. With our innovative investments in renewable energy, we aim to maintain our leadership as Türkiye's largest private company producing energy from 100% renewable sources and to continue to be a pioneer in our sector. Remaining committed to our corporate priorities of sustainability, innovation and people-centredness, we contribute to our country's sustainable development and continue our activities with determination to add value for future generations.

With our sustainability approach, we prioritise our **respect for the environment and people** while producing the **"clean energy"** of today and tomorrow.

With our sustainability approach, we prioritise our respect for the environment and people while producing the "clean energy" of today and tomorrow. While aiming to create and share long-term value with our stakeholders and society, we continue to strengthen our team and work with determination to produce the clean energy of the future with our robust business model.

With the power of innovation, we have introduced Türkiye to many "firsts" through our courage, agility, determination, and ability to view events from different perspectives, even in the most unpredictable times. Our innovative approach continues to be our fundamental guide in our quest for better today and in the future. The corporate culture we have shaped with our new perspectives on the energy sector is redefining people's interest in energy through technological development, and we aim to use energy more efficiently in all areas of life through digitalisation.

Acting with a people-centred approach, we consider serving humanity our fundamental duty. While aiming to improve quality of life, we place this understanding at the heart of our work and choose to grow by adding value to people.

We prioritise the needs of all our stakeholders and listen to them carefully. While prioritising customer and stakeholder relationships in our activities, we continue to generate energy for life with an understanding that embraces the highest standards in workplace safety, fulfils all responsibilities as an employer brand, and values employee loyalty and satisfaction.

Our Values

Sensitivity

While carrying our organization into the future by doing our job in the best way possible, we fulfill our responsibilities towards individuals, society, our country and the environment. We ensure that our work is carried out within the framework of our business ethics while performing our work in the targeted time and quality. We adopt a transparent and accountable working style in accordance with procedures and rules. We speak up if we encounter an unethical or unfair practice. We take into account how our behavior affects others.

Dynamism

We follow the needs of our colleagues and stakeholders that arise under changing conditions and make the necessary improvements in the working environment, our business conduct system, products and services. We pioneer the electricity sector with the steps we take and guide development and change in the sector. With curiosity in our soul, we try new ways to fulfill products, processes and services more efficiently, quickly and error-free.

Touching Life

People are at the heart of everything we do and every step we take. Continuous development, curiosity, our inquisitive spirit and the expertise we have acquired over the years enable us to develop solutions that add energy and value to every moment of life. We enable our colleagues to express their different ideas, value their social needs and celebrate their successes together. We work to enhance the quality of life of our stakeholders by accurately analysing their needs and expectations.

CAPITAL, SHAREHOLDING STRUCTURE AND SUBSIDIARIES

Subsidiaries*	Main Activities	Ownership (%) 31 December 2024
Ey-Tur Enerji Elektrik Üretim ve Ticaret Ltd. Şti. ("Ey-tur") / HPP	Electricity generation using hydroelectric power	100
Başat Elektrik Üretim ve Ticaret Ltd. Şti. ("Başat") / HPP	Electricity generation using hydroelectric power	100
Sarı Perakende Enerji Satış ve Ticaret A.Ş. ("Sarı Perakende")	Electricity trading	100
Akköprü Yenilenebilir Enerji Üretim A.Ş.	Electricity generation using hydroelectric power	100

**Currently, none of the subsidiaries are operationally active.*

Capital and Shareholding Structure	31 December 2024	
Shareholders	**(TL)**	**(%)**
Aydem Enerji Yatırımları A.Ş.	574,975,680	81.55683
Publicly Traded*	130,000,000	18.43972
Other**	24,320	0.00345
TOTAL	**705,000,000**	**100**

**Following the commencement of trading of the Company's shares on BIST, price stabilisation transactions were carried out on the Company's shares within the 30-day period. In this context, Aydem Enerji Yatırımları A.Ş.. purchased 18,679,595 shares. Aydem Enerji Yatırımları A.Ş. sold 18,679,595 Class B shares it held in Aydem Renewable Energy Inc. ("AYDEM"), representing approximately 2.65% of the issued capital, to institutional investors on 1 July 2024 via a private order on the Istanbul Stock Exchange.*
***Comprising shares in Kocaer Demir San. Tic. Ltd. Şti. (0.00164%), Mopak Kağıt Karton San. Tic. A.Ş. (0.00164%), and Acıselsan Acıpayam Sel. San. Tic. A.Ş. (0.00010%).*

MILESTONES, AWARDS AND ACHIEVEMENTS IN 2024

Aydem Renewable Energy Contributes to Sustainable Energy with 4 Million I-REC Certificates in 4 Years

Aydem Renewable Energy, which converts the energy it obtains from renewable energy sources into I-REC certificates, offers this service to a wide range of customers, primarily public institutions, but also those operating in the industrial, textile, automotive, and banking sectors.

Over the past four years, Aydem Renewable Energy has issued 4 million I-REC (International Renewable Energy Certificates) to its customers who purchase electricity from its power plants, certifying that the energy is produced from renewable sources. The company has demonstrated significant leadership in this field by providing approximately 30% of the I-REC certificates generated from hydroelectric power plants in Türkiye.

I-REC certificates, provide companies with advantages in many areas, not only in achieving their carbon emission reduction targets, but also in enhancing brand value and strengthening marketing strategies.

New Success in Corporate Governance from Aydem Renewable Energy: Compliance Score Rises to 9.57

Aydem Renewable Energy has once again proven its success in the sector with its Capital Markets Board (CMB) Corporate Governance Principles Compliance Score.

According to the report prepared by SAHA Corporate Governance and Credit Rating Services (SAHA Rating), the Company's Corporate Governance Compliance Rating Score rose from 9.56 in 2023 to 9.57 in 2024.

With this score, Aydem Renewable Energy retained its title as the company with the highest level of compliance with Corporate Governance Principles among companies listed on the BIST Electricity Index and continued to be included in the Borsa Istanbul Corporate Governance Index (XKURY).

Aydem Renewable Energy was awarded the "Low Carbon Champion" award for the fifth time with Söke WPP.

Was honoured with the Low Carbon Hero Award for the fifth time at the 9th Istanbul Carbon Summit organised by Aydem Renewable Energy, Sustainable Production and Consumption Association (SÜT-D) for the Söke WPP Wind Capacity Increase Project. The Söke WPP Wind Capacity Increase Project stands out for its significant contribution to reducing carbon emissions while increasing renewable energy generation capacity.

Aydem Renewable Energy, has demonstrated significant leadership in this field by providing approximately **30% of the I-REC certificates** generated from hydroelectric power plants in Türkiye.

Double Gold Award from The Stevie International Business Awards®

Aydem Renewable Energy achieved great success in two separate categories at The Stevie International Business Awards®, recognised as one of the most prestigious business awards internationally. The company won 'Gold Stevie®' awards in the 'Energy' and 'User Experience' categories for its investor relations website.

The website, which stands out for its innovative design and user-focused approach, has set an international standard in both energy sector-specific information sharing and investor relations.

A First in Türkiye from Aydem Renewable Energy: Innovative Efficiency Approach at Uşak WPP

Aydem Renewable Energy has achieved a first in Türkiye by implementing an innovative efficiency approach as part of its capacity increase investment at Uşak WPP. Following long-term monitoring and measurement studies in the field, the company replaced five old-technology turbines with a capacity of 1.5 MWm, which produced the most efficient output, with five new turbines with a capacity of 6 MWm. At the same time, it completed the installation process by setting up one new turbine in a different area of the site. With this investment, Aydem Renewable Energy both increased the efficiency of its existing turbines and significantly raised its energy generation capacity.

With this investment model, Aydem Renewable Energy not only achieved capacity growth but also set an exemplary standard for the sector by adopting innovative technologies and aligning with environmental sustainability goals.

Aydem Renewable Energy won **'Gold Stevie®'** awards in the 'Energy' and **'User Experience'** categories for its investor relations website.

CDP Global A List Success

Aydem Renewable Energy has succeeded in being among the pioneering companies included in the "Global A List" in the CDP Climate Change and Water Security categories in 2024 and received the "CDP Climate Change and Water Security Global Leaders" award. The company has qualified for the Global A List in both categories for the third consecutive year.

Green Transformation Award for Aydem Renewable Energy

Aydem Renewable Energy was awarded third place in the Sustainability Management category of the Green Transformation Awards, organised annually by the Istanbul Chamber of Industry (ISO). The company, which stands out for its innovative and effective work in the field of sustainability, continues to contribute to Türkiye's green transformation goals.

The ISO Green Transformation Awards aim to support industrial organisations in adopting environmentally conscious, low-carbon, and sustainable production processes. The award once again crowns Aydem Renewable Energy's leadership in the field of ESG.

Grand Prize from LACP Vision Awards for its First Integrated Report

Aydem Renewable Energy achieved significant success by participating in the LACP 2024 Vision Awards, one of the prestigious organisations in the international communications world, with its first integrated report. The company won a total of six awards in the "Energy - Equipment and Services" category, including the highest award, the "Platinum Award". With its integrated report, Aydem Renewable Energy comprehensively demonstrated not only its financial performance but also its sustainability goals and achievements in the ESG field, achieving a noteworthy success on the international stage.

KEY INDICATORS

Net Generation by Power Plant (GWh)

Power Plant	2024			
(GWh)	**Actual**			
	1Q Total	1YY Total	9A Total	**YS Total**
Bereket 1-2 HPP	4	5	5	**8**
Feslek HPP	4	4	5	**6**
Dalaman 1-5 HPP	24	52	69	**74**
Gökyar HPP	8	12	14	**20**
Mentaş HPP	24	41	58	**63**
Koyulhisar HPP	84	143	184	**223**
Toros HPP	23	73	81	**89**
Aksu HPP	37	49	49	**70**
Kemer HPP	0	21	34	**34**
Adıgüzel HPP	0	9	8	**8**
Çırakdamı HPP	13	50	55	**64**
Dereli HPP	7	45	47	**52**
Söke WPP	56	110	162	**209**
Uşak WPP	83	184	282	**379**
Yalova WPP	39	70	106	**142**
Kızıldere	0	0	0	**0**
Akıncı HPP	134	228	293	**355**
Göktaş 1 HPP	51	99	129	**148**
Göktaş 2 HPP	72	137	182	**213**
Total	**665**	**1,331**	**1,764**	**2,156**

**Includes Uşak Hybrid SPP generation from 2023 onwards.*

Summary Consolidated Statements (TFRS)

Summary Financial Position (Million TL)	31 December 2024
Current Assets	6.818
Non-current Assets	49,604
Total Assets	**56,422**
Current Liabilities	6,823
Long-Term Liabilities	22,233
Total Liabilities	**29,056**
Equity	27,365
Total Liabilities and Equity	**56,422**

Summary Profit or Loss Statement (Million TL)	31 December 2024
Revenue	6,584
Cost of Sales	(4,977)
Gross Profit	**1,607**
General and Administrative Expenses	(644)
Other Operating Income, Net	972
Operating Profit	**1,935**
Depreciation and Amortisation Expenses	3,009
EBITDA	**4,944**
EBITDA Margin	**75**
Investment Activities Expenses, Net	(19,013)
Financing Expenses, Net	(6,141)
Monetary Gain/(Loss)	7,330
Profit/(Loss) Before Tax from Continuing Operations	**(15,888)**
Tax (Expense)/Income	4,118
Net Profit/(Loss) for the Period	**(11,770)**

Summary Items	31 December 2024
Revenue (million TL)	6,584
EBITDA (million TL)	4,944
EBITDA Margin (%)	75
Cash Conversion Rate (%)	98.9
Gross Profit (million TL)	1,607
Gross Profit Margin (%)	24
Operating Profit (million TL)	1,935
Operating Profit Margin (%)	29
Cash and Cash Equivalents (million TL)	3,373
Net Profit/(Loss) for the Period (million TL)	(11,770)
Net Financial Liabilities/EBITDA	4.2
Earnings Per Share/(Loss) (TL)	(-16.84)

2024 Financial and Operational Data

Total Generation
2,156 GWh

Average Selling Price of Power Plants
87 (USD/MWh)

Revenue
6,584 million TL

Net Profit/Loss for the Period
-11,770 million TL

Gross Profit
1,607 Million TL and
24% Gross Profit Margin

Operating Profit
1,935 Million TL and
29% Operating Profit Margin

EBITDA
4,944 Million TL ve
75% EBITDA Margin

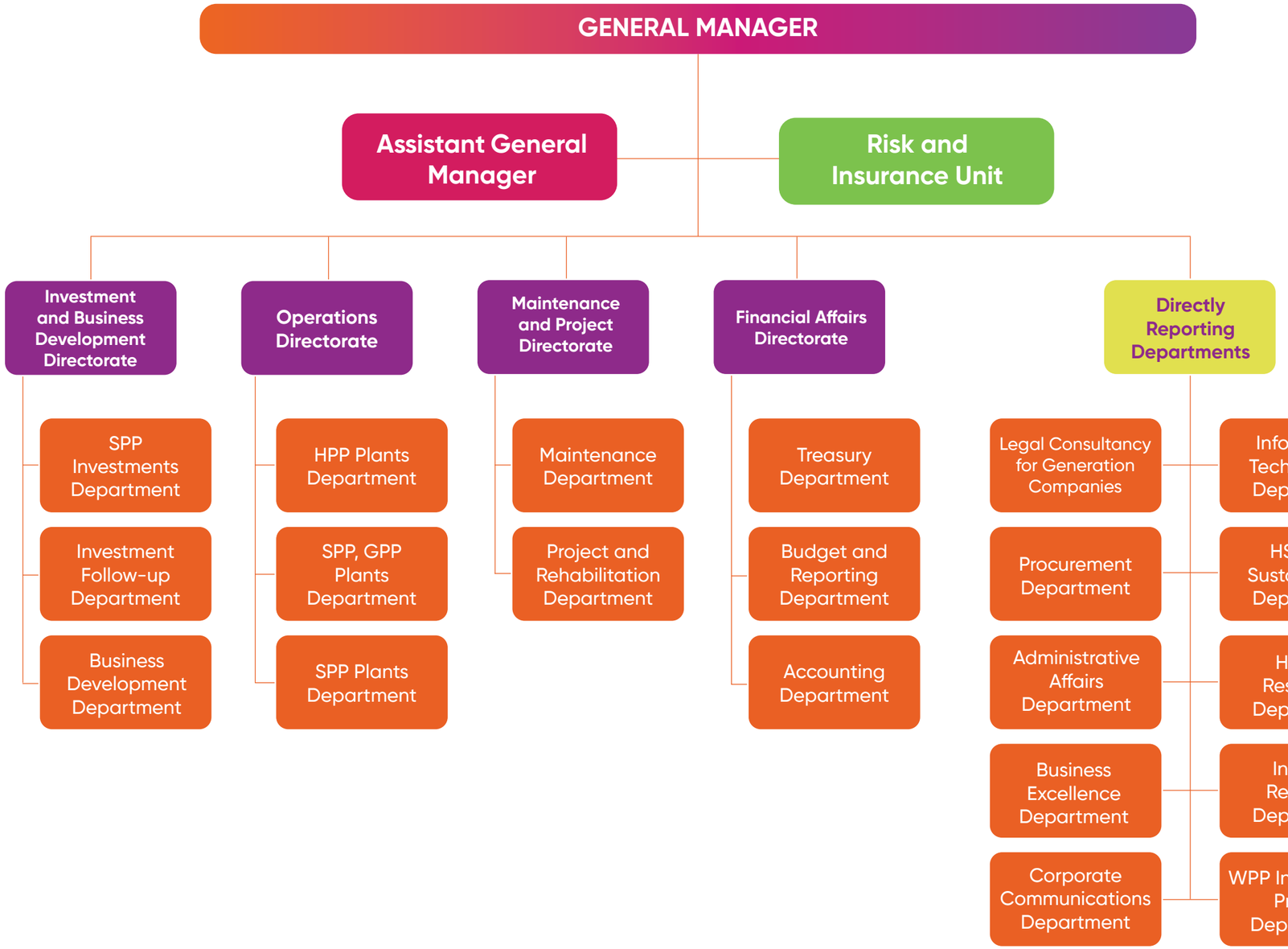
Cash and Cash Equivalents
3,373 Million TL

Net Financial Liabilities / EBITDA (x)
4.2x

Cash Conversion Rate
98.9%

Earnings per Share
-16.84 TL

ORGANIZATIONAL STRUCTURE



Board of Directors

Serdar MARANGOZ

Executive Chairman of the Board of Directors

Graduated from METU Electrical and Electronics Engineering Department, Serdar Marangoz started his career of nearly 20 years of experience in the energy sector at Siemens AG in 2006. Since 2009, Mr. Marangoz has assumed senior management positions in different companies under the umbrella of Aydem Energy, and continued to work as Aydem Electricity Market and Regulation Manager, and Executive Board Member at ADM and GDZ Electricity Distribution companies, respectively. In 2019, he was appointed as Chief Commercial Officer (CCO) of Aydem Energy and Board Member of Aydem Renewables. In 2019, he was appointed as a member of the Board of Directors of Aydem Retail and Gediz Retail companies, as well as general manager since 2021. Assuming the positions of the general manager of retail group companies until 2023, Marangoz was serving as Aydem Renewables General Manager and Vice Chairman of the Board of Directors as of October 25, 2023.

As of November 1, 2024, Marangoz has assumed the duties of Chief Executive Officer (CEO) at Aydem Energy and Executive Chairman of the Board of Directors at Aydem Renewables.

Uğur YÜKSEL

Deputy Chairman of the Board & Managing Director

With over 30 years of experience in the energy, IT and defence industries, Uğur Yüksel served as Project Director at the Undersecretariat for Defence Industries of the Ministry of National Defence and as General Manager at ODTÜ Teknokent, where he was involved in the establishment of Türkiye's first technology park. He has also served as the Director of Procurement and Business Development at Lotus Energy in Turkmenistan and as the Secretary General of the ELDER Electricity Distribution Services Association in Türkiye.

Yüksel joined the Aydem Energy Group in 2018, assuming the roles of General Manager and Board Member at GDZ Elektrik Dağıtım A.Ş. In the same year, he was appointed to the Board of Directors of ADM Elektrik Dağıtım A.Ş. As of 1 January 2025, Yüksel serves as Deputy Chairman of the Board and General Manager at Aydem Renewable Energy.

Baran SALDANLI

Board Member

He was born in Denizli in 1988. After graduating from Yeditepe University Department of Industrial and Systems Engineering, he completed the Executive MBA program at Sorbonne University. In 2011, he worked in production at Tümaş Marble, in 2013 in Project Finance department at Aydem Renewables, in 2014 in Customer Relations Center Regional Management at Gediz Retail and Aydem Retail General Directorate. Between 2015 and 2018, he carried out different projects in Adm Electricity Distribution, Aydem Retail, and Aydem Renewables, and joined the holding management within Aydem Energy in 2018. Mr. Saldanlı, who has been a Board Member of Aydem Holding since July 2021, was appointed as a Board Member of Aydem Renewables as of November 1, 2024.

Asya Vuslat SALDANLI

Board Member

Asya Vuslat Saldanlı completed her secondary education in Denizli and spent a year studying English at Mentora College in Washington, DC. She graduated from the Systems Engineering Department at George Mason University. Focusing particularly on operations research and renewable energy at university, Saldanlı completed her final project on the development and optimisation of a transportation network consisting of flying vehicles. After graduating in 2020, Saldanlı returned to Türkiye and joined Aydem Energy.

Asya Vuslat Saldanlı, who has been actively involved in various projects in Aydem Energy's subsidiaries, started to serve as a Board Member of the company in December 2021.

Aslı YAĞLI DURMAZ

Board Member

Aslı Durmaz graduated from ITU Electrical Engineering Department and started her career as a project engineer at Aydem Energy in 2012. Between 2012 and 2014, she undertook engineering coordination, planning, site management, and design control duties in hydroelectric and wind power plant projects. Then she started to serve as Product Manager in marketing at ABB Elektrik in 2014. In 2017, Ms. Durmaz was promoted to the position of Market Development Manager for ABB's Digital Products and Platforms.

In 2022, she joined ABB S.p.A. and continues to work as a Global Application Engineer in Bergamo, Italy. Aslı Durmaz was appointed as a Board Member of Aydem Renewables in March 2024.

Board of Directors

Serpil DEMİREL

Independent Board Member

Serpil Demirel holds a bachelor's degree in Metallurgical Engineering from Middle East Technical University (ODTÜ). Demirel began her career in 1993 as a sales engineer at Doğa Madencilik, part of Eczacıbaşı, and served as marketing and sales manager from 1999 to 2004. In 2004, following the merger of Doğa Madencilik and Esan within Eczacıbaşı, Demirel began working at Esan, successively holding the positions of domestic sales manager, marketing sales manager, marketing sales director, and deputy general manager. From 1 January 2015 to 31 March 2021, she worked at Esan, first as General Manager and then as CEO. Serpil Demirel was appointed as an independent member of the Company's Board of Directors in June 2021.

Fatma Dilek BİL

Independent Board Member

With over 20 years of experience in climate and sustainability, Fatma Dilek Bil completed her secondary education at Northport High School in the United States and her higher education at the University of North Texas, specialising in international finance and international marketing. Dilek Bil has worked in banking in the areas of credit and marketing at American Express Bank, Koç-American Bank, BNP-AK-Dresdner and Societe Generale. Bil founded Kangaroo Communication and Consulting in 1994 and provided strategic brand communication and creative advertising solutions to numerous national and international brands until 2012. Since 2012, she has been providing sustainable development consultancy to organisations.

He is the founder of the Purpose-Sustainable Ideas platform and a partner at Mentoro Platform. His areas of focus include integrating business strategies with sustainability strategies, communicating with internal and external stakeholders, sustainability reporting, setting targets, and measurement. He develops solutions that pave the way for the business world in this regard. Since 2016, he has been an Independent Member of the Board of Directors at Akmerkez GYO. He serves as Chairman of the Risk Committee and as a member of the Corporate Governance and Audit Committees.

She is a member of the WWF Türkiye-DHKV Board of Directors. She manages corporate governance and risk issues. She is the Sustainability Advisor to the Board of Directors of the Turkish Apparel Manufacturers Association (TGSD) and is a founding mentor of the GENÇ TGSD Sustainability Platform on behalf of TGSD.

She is a member of UN Global Compact Türkiye and works in the Environment Working Group. She has served as president of KAGİDER (Women Entrepreneurs Association of Türkiye) and is a member of its High Advisory Board. She is the Chair of the Board of Directors of "Accademia Italiana della Cucina Istanbul," affiliated with the Italian Ministry of Culture.

She took part in the foundation of the Wine Friends Association in 1989 and has served as the Chairwoman of the Board of Directors since January 2020. She works with the mission of developing viticulture and wine culture. She is a founding member of FODER (Financial Literacy and Inclusion Association) and served as Vice Chairwoman of the Board of Directors for 6 years.

She is the advisor to the 35th President of Galatasaray Sports Club. She prepared and presented the program “Let This World Last!”® on CNBC-e to draw attention to the importance of creating economic, social and environmental benefits by integrating sustainability principles into business strategy in Türkiye. She served as a member of the Executive Board of DEIK (Foreign Economic Relations Board of Türkiye) Turkish-British Business Council and took part in the establishment of the “Grow with Türkiye” platform. She is married to Faruk Bil and is the mother of Ömer Fuad.

Mehmet Hayati ÖZTÜRK

Independent Board Member

Mehmet Hayati Öztürk holds a bachelor's degree in Chemical Engineering from Hacettepe University. He began his career in 1977 at Petkim, Türkiye only large-scale petrochemical producer, which has been listed on the stock exchange since 1990.

Petkim, which has been listed on the stock exchange since 1990 and is Türkiye's largest petrochemical producer. After holding various positions there, he was appointed as Deputy General Manager responsible for R&D, finance, projects, investments, planning, sales, and marketing at Petkim. He served as General Manager at Petkim from 2010 to 2012 and as a board member from 2012 to 2015. Mehmet Hayati Öztürk, who worked as a CEO advisor for SOCAR Türkiye, Türkiye largest foreign investor, until August 2017, was appointed as an independent member of the Company's Board of Directors in April 2020.

Changes in the Board of Directors

*Due to the resignation of Mr. İdris Küpeli from his duties in the Company on October 31, 2024, Mr. Serdar Marangoz was appointed as the real person representative of Aydem Holding A.Ş. as the Chairman of the Board of Directors as of November 1 in accordance with the decision of the Company dated October 17, 2024.

*Due to the appointment of Mr. Serdar Marangoz as the real person representative of Aydem Holding A.Ş. and the Chairman of the Board of Directors as of November 1, his term as a member of the Board of Directors has ended and Mr. Baran Saldanlı has been appointed as a member of the Board of Directors to serve until the end of his term of office and to be submitted for the approval of the shareholders at the first general assembly meeting.

*Pursuant to the resolution of the Board of Directors of our Company dated January 2, 2025, it has been resolved to appoint Mr. Uğur Yüksel to the position of Board Member vacated by Mr. Mehmet Özülkü on January 2, 2025, in accordance with Article 363 of the Turkish Commercial Code, to be submitted for the approval of the shareholders at the first general assembly meeting, effective as of January 2, 2025, and to designate Mr. Uğur Yüksel as the Vice Chairman of the Board of Directors in accordance with the distribution of duties among the members of the Board of Directors. Mr. Mehmet Özülkü has resigned from his position as a Board Member and will continue to serve as Financial Affairs Director in our Company.

*Mr. Ersin Akyüz resigned from the Board of Directors of the Company on 18.03.2024 and Ms. Aslı Yağlı Durmaz was appointed as a member of the Board of Directors to serve until the same term of office and to submit to the approval of the shareholders at the first general assembly meeting.

Aydem Renewable Energy Board of Directors

Name - Surname	Position	Election Based Board Decision	Appointment Date	Termination Date
Aydem Holding A.Ş. Serdar MARANGOZ, Real Person Representative	Executive Chairman of the Board of Directors (Representing Aydem Holding A.Ş.)	Resolution of the Board of Directors dated 17.10.2024 and numbered 2024/34	01.11.2024"	29.03.2026
Uğur YÜKSEL	Vice Chairman of the Board of Directors	Resolution of the Board of Directors dated 02.01.2025 and numbered 2025/01	02.01.2025	29.03.2026
Baran SALDANLI	Board Member	Resolution of the Board of Directors dated 17.10.2024 and numbered 2024/34	01.11.2024	29.03.2026
Asya Vuslat SALDANLI	Board Member	Resolution of the Board of Directors dated 29.03.2023 and numbered 2023/14	29.03.2023	29.03.2026
Aslı DURMAZ	Board Member	Resolution of the Board of Directors dated 18.03.2024 and numbered 2024/10	18.03.2024	29.03.2026
Serpil DEMİREL	Independent Board Member	Resolution of the Board of Directors dated 29.03.2023 and numbered 2023/14	29.03.2023	29.03.2026
Fatma Dilek BİL	Independent Board Member	Resolution of the Board of Directors dated 29.03.2023 and numbered	29.03.2023	29.03.2026
Mehmet Hayati ÖZTÜRK	Independent Board Member	Resolution of the Board of Directors dated 29.03.2023 and numbered 2023/14	29.03.2023	29.03.2026

40 meetings of the Board of Directors were held in 2024 and the attendance rate was 100%.

Board of Directors Summary Table	Independent Member of the Board of Directors	Female Member in the Board of Directors	Executive Member of the Board of Directors	Non-Executive Member of the Board of Directors
Person	3	4	2	6
Ratio	37.5%	50%	25%	75%

Senior Management

Uğur YÜKSEL

General Manager

With over 30 years of experience in the energy, information technology and defence industries, Uğur Yüksel served as Project Director at the Undersecretariat for Defence Industries of the Ministry of National Defence and as General Manager at ODTÜ Teknokent, where he was involved in the establishment of Türkiye's first technology park. He also served as the Director of Procurement and Business Development at Lotus Energy in Turkmenistan and as the Secretary General of the ELDER Electricity Distribution Services Association in Türkiye.

Yüksel joined the Aydem Energy Group in 2018, where he served as General Manager and Member of the Board of Directors at GDZ Elektrik Dağıtım A.Ş. In the same year, he was appointed to the Board of Directors of ADM Electricity Distribution Inc. As of 1 January 2025, Yüksel serves as General Manager at Aydem Renewable Energy.

Mehmet ÖZÜLKÜ

Finance Director

Mehmet Özülkü graduated from the Department of Business Administration at Middle East Technical University and started his career as an Auditor at KPMG Türkiye in 2005. He served as Budget Planning Specialist between August 2009 and January 2011 and Planning and Reporting Manager between January 2011 and March 2013 at Türk Telekom. He served as Finance and Controlling Manager at Enerco Energy between March 2013 and February 2018, and as Finance Manager at Gulf Cryo between February 2018 and September 2018. After serving as Finance Manager at Vorwerk Group between September 2018 and September 2019, he worked as Financial Planning Manager at Enerjisa Üretim between October 2019 and September 2022. Mehmet Özülkü, who started as the Financial Affairs Director responsible for the Thermics group at Aydem Energy in October 2022, was appointed as the Financial Affairs Director of Aydem Renewables on April 1, 2024.

Erdem UYSAL

Investment and Business Development Director

Erdem Uysal graduated from Middle East Technical University, Department of Civil Engineering and started his career in 2006 in Gama's industrial plant project abroad. He then took part in İçtaş's cultural center and living complex projects abroad. In 2010, he returned to Türkiye and worked in Finansbank's project finance team. Subsequently, he assumed different roles in project management, budget, work program, and contract management in İçtaş's and Rönesans' domestic projects. Until May 2022, Uysal worked as Asset Management Director at Rönesans, managing investment plans and operating budget processes, before joining Aydem Energy. Uysal took office as Aydem Renewables Investment and Business Development Director in January 2023.

Changes in Senior Management

Mr Serdar Marangoz was appointed as Chairman of the Board of Directors (representing Aydem Holding A.Ş. as a natural person) as of 1 November 2024 and consequently served as Acting General Manager until 31 December 2024. Mr Uğur Yüksel was appointed to the position of General Manager as of 1 January 2025.

Mr Fırat Soğancık, who served as the Financial Director of our company, resigned from his position as of 31 March 2024. At our company's Board of Directors Meeting dated 1 April 2024 and numbered 2024/13, it was decided to appoint Mr Mehmet Özülkü as the Financial Director.

Mr Hüseyin Günlü, who served as Maintenance and Project Director at our company, has resigned from his position as of 10 November 2024.

Mr Adnan Can, who served as Operations Director at our company, has resigned from his position effective 20 November 2024.

GOVERNANCE

GOVERNANCE

The long-term preservation of Aydem Renewable Energy's assets and values is of strategic importance for the continuity of sustainable financial performance and competitiveness. In this regard, the effective management of financial and non-financial risks is considered a fundamental requirement. In addition to the financial impact of risks, their implications for reputation, relationships with regulatory bodies, and employees are also carefully analysed and managed.

Integrated Management and Environmental Compliance

Integrated Management Systems are being implemented to strengthen the leading position in the renewable energy sector and to use local and renewable resources in the most efficient way possible in line with the vision. The ISO 14001:2015 Environmental Management System, ISO 9001:2015 Quality Management System, ISO 45001:2018 Occupational Health and Safety Management System, ISO 50001:2018 Energy Management System, and ISO 27001 Information Security Management System standards are applied with an integrated approach.

Full compliance with environmental legislation is ensured, annual environmental targets are set, and environmental performance is continuously improved. As of October 2024, a Compliance Advisory unit has been established within the company, and the preparation process for the Compliance Implementation Policy is ongoing. The Compliance Advisory Unit provides continuous and up-to-date information on regulatory changes affecting the company and provides regular guidance to ensure that all activities are carried out in compliance with environmental legislation.

Dependency, Impact, Risk and Opportunity Management under the Supervision of the Board of Directors

Risk management processes are fully compliant with internationally recognised principles, and the Capital Markets Board (CMB) Corporate Governance Principles are implemented in full. The Company's Corporate Governance Principles compliance score, which was 9.56 out of 10 in 2023, rose to 9.57 in 2024. The development of risk management plans and policies is among the Board of Directors' primary responsibilities. The Board of Directors includes members with expertise in environmental issues, and these members receive regular training on industry best practices, environmental issues, and international standards.

As of 2024, the Climate and Nature-related Risk and Opportunity Identification Project has been completed, and the company's environmental and operational activities and strategic planning have been assessed in line with methodologies based on the Task-force on Climate-related Financial Disclosures (TCFD) and the Task-force on Nature-related Financial Disclosures -TNFD) methodologies. The process was initiated with a workshop involving the active participation of senior management, thereby establishing the capacity to respond to climate and nature-related risks and opportunities at the corporate level in terms of governance. In addition, a special "Sustainability Master Class" training was organised for senior management and board members to develop a strategic perspective on climate and sustainability risks and opportunities; this training covered topics such as corporate risk management, resilience planning and strategic scenario analysis.

In order to continuously improve and develop the ESG and sustainability culture, a behaviour-based safety approach has been adopted across the company, and a process has been established to encourage employee participation in this regard.

Forty Board of Directors meetings were held in 2024, with 100% attendance.

Climate and Sustainability Targets under CEO Leadership

The management of climate-related risks and opportunities is supported by Aydem Renewable Energy's high-level governance structure. Within the scope of emissions management, the net zero target for 2024 has been officially approved by the Science Based Targets initiative (SBTi) and the long-term strategy has been clearly defined. The CEO plays a central role in setting strategic targets for water management and biodiversity and monitoring progress towards these targets. Regarding water management, the company's strategic goals are supported through transparent communication with stakeholders, and environmental and social risks arising from hydroelectric power plants are monitored and managed. In this context, action plans for water use are implemented, and regular analyses are conducted to protect surface water quality. Furthermore, training is provided for all employees and contractors in line with water management objectives. At the same time, the CEO is responsible for protecting local flora and fauna and implementing relevant policies within the scope of biodiversity management. Biodiversity management plans are developed in line with sustainability strategies, and these plans are integrated throughout the business.

Strong Steps Towards Strategic Goals with Committees

The Board of Directors includes Audit, Corporate Governance, Early Risk Detection, Investment, Sustainability, Environment, and Occupational Health and Safety committees, which hold regular meetings in a coordinated manner.

All committees report directly to the Board of Directors and ensure the integration of sustainability and climate-related issues into management mechanisms through the following actions:

- Setting corporate and performance targets,
- Monitoring progress towards corporate goals,
- Monitoring the implementation and performance of objectives,
- Monitoring the implementation of the transition plan,
- Overseeing major capital expenditures, acquisitions and divestments,
- Directing and monitoring employee incentives,
- Reviewing risk management policies and providing guidance,
- Reviewing strategies and providing guidance,
- Reviewing business plans and large-scale action plans and providing guidance,
- Reviewing annual budgets and providing guidance.

In line with Aydem Yenilenebilir's commitment to the 10 Principles of the United Nations Global Compact, Sustainability Policy, Environmental Policy, Climate Change Policy and Water Management Policy have been developed, covering the protection and increased efficiency of ecosystem resources from economic, sociological and environmental perspectives.

All of the company's climate-related strategic orientations, responsibilities and practices are based on fundamental policy documents such as the Sustainability Policy, Environmental Policy, Water Management Policy and Climate Policy, which have been adopted at the corporate level, as well as corporate procedures.

In addition to the policies, responsibilities related to sustainability and climate-related risks and opportunities are integrated into job descriptions and business processes through the Sustainability Governance Procedure and related policies. The Sustainability Governance Structure is defined within the Sustainability Governance Procedure, ensuring that processes are managed in line with the defined actions. The relevant responsibilities, procedures, and policies are carried out regularly and systematically at intervals determined according to the requirements of each process, in accordance with the implementation schedule set by the authorised bodies. The Sustainability and Environment Committee (HSE) and the Sustainability Group Manager are responsible for keeping the procedure up to date; it is revised as needed and enters into force with the approval of the CEO.

The management body and senior management are informed at least six times a year about sustainability-related risks and opportunities through face-to-face or online meetings. Targets are set based on the decisions of the Sustainability, Environment, Occupational Health and Safety Committee and the Board of Directors, taking into account current sustainability trends and company needs, and these targets are again submitted to the committee for approval. The Sustainability, Environment, Occupational Health and Safety Committee consists of three Board members, the General Manager, the Operations Director, the Maintenance and Projects Director, and the HSE and Sustainability Manager. If stakeholder participation and social impact issues are on the meeting agenda, the Human Resources and/or Corporate Communications departments also participate.

The Sustainability, Environment, Health and Safety Committee is responsible for the company's risk management in accordance with the principles set out in the 'Sustainability Committee Working Principles' document. The Committee manages the processes of establishing corporate sustainability policies, determining strategies and roadmaps, identifying, assessing and reporting environmental and social risks and opportunities; it carries out proactive risk prevention activities, ensures safe working conditions and takes the necessary measures to prevent accidents at work. In managing risks, it monitors Occupational Health and Safety performance, taking into account feedback from field personnel, and makes recommendations for improvement. The Committee meets every three months; committee inputs, the progress of sustainability-related reporting processes, climate scenarios, risk mapping and efficiency studies are reported to the Board of Directors and recorded.

The members of the Sustainability, Environment, Occupational Health and Safety Committee are listed below.

Sustainability, Environment, Occupational Health and Safety Committee		
Chair	Board Member	Non-Executive
Member	Board Member	Non-executive
Member	Board Member	Non-executive
Member	General Manager	Executive
Member	Operations Director	Executive
Member	Maintenance and Projects Director	Executive
Member	HSE and Sustainability Manager	Executive

The data sources used by the Committee in its sustainability risk monitoring and reporting process include TSRS-compliant data sets covering environmental and social issues obtained from units, CDP responses, SBTi target forms, internal and external audit reports, and near-miss/hazard reports. Monitoring and follow-up are carried out via the QDMS platform; progress towards defined targets is regularly assessed. Identified issues are communicated to the relevant units via the QDMS system, and the status of each action is recorded and tracked in the system.

The effectiveness of the actions taken by the Committee is monitored not only through qualitative observations but also supported by quantitative performance indicators and reported to the Board of Directors on a monthly, quarterly, and annual basis.

The duties and workflows of the Sustainability, Environment, Occupational Health and Safety Committee include: developing and monitoring performance-enhancing actions in line with the strategies and objectives set by the Committee; conducting reporting on sustainability performance; planning activities to promote sustainability awareness within the organisation; preparing the sustainability report and contributing to the publication and communication processes of the report; as well as identifying national and international sustainability initiatives to be supported and submitting them to the Committee for approval. The process of identifying and monitoring Significant Environmental Aspects is carried out by the HSE and Sustainability Experts and Assistant Experts; the relevant records are revised once a year and submitted to the HSE and Sustainability Manager for approval. In this way, the environmental risk management process is systematically implemented with a defined distribution of tasks and control mechanisms within the organisation. The HSE and Sustainability Department reports to the HSE and Sustainability Group Directorate every month; the Group Directorate then informs the Committee every three months. Progress towards sustainability targets based on annual performance is discussed at the Sustainability Committee or Executive Board meetings held each year with a focus on sustainability, and the necessary actions are determined.

In accordance with the directive of the Sustainability, Environment, Occupational Health and Safety Committee, a Sustainability Working Group has been established, and its members are appointed by the General Manager. The Working Group is structured to integrate sustainability and climate risks and opportunities into all activities, products, and services. It meets every 15 days to regularly monitor sustainability activities, develop training plans and integrate them into all company business processes. The Working Group is responsible for ensuring that the work carried out complies with internal policies and legislation, submitting relevant decisions and recommendations to the Committee and sharing them with other units.

During committee meetings held during the reporting year, various numerical and measurable performance outputs were presented to demonstrate the effectiveness of actions taken within the scope of the sustainability strategy and climate risks.

- A 51% reduction target has been set for Scope 1 and 2 greenhouse gas emissions by 2032,and Scope 3 emissions by 30% by 2032. In line with these targets, annual progress is monitored, deviations are evaluated, and corrective actions are taken when necessary.
- Within the scope of Occupational Health and Safety, the rates of near-miss and hazardous situation reports submitted digitally are regularly monitored, and the increasing number of reports is considered an indicator of safety awareness.
- Internal audit scores reveal the level of compliance of processes in terms of sustainability performance; improvement plans are developed by identifying areas of risk.
- Participation rates in sustainability training are among the indicators of increased corporate awareness and are analysed on a departmental basis.

The Early Risk Detection Committee examines Aydem Renewable Energy's current and anticipated risks, including those related to sustainability and climate change, in terms of their financial dimensions and their impact on employees, stakeholders, society and the environment, and ensures that these risks are managed. This committee is chaired by an independent member of the Board of Directors and meets at least six times a year. In addition to financial aspects, the committee prepares action plans on sustainability, the environment, occupational health and safety, and reports on relevant issues and processes to the Board of Directors when necessary.

Aydem Renewable Energy's Risk Management Policy has been approved by the Board of Directors and outlines the company's risk management strategy, general principles, and management principles. The manager responsible for risk management or the legal and compliance manager is responsible for implementing risk management activities. Risk management is fully integrated into daily operations and strategic planning in order to adapt quickly to changing market conditions.

The Investment Committee considers ESG criteria to be a fundamental part of the investment decision-making process. With this approach, Aydem Renewable Energy aims to take strategic and effective steps in its investments in the renewable energy sector, ensuring that every investment contributes to combating climate change and to sustainability principles. In line with the company's business model and mission, all investments in sustainable energy projects directly contribute to the achievement of environmental sustainability goals. The Investment Committee meets once every three months.

Integration of Climate-Related Risks and Opportunities into Strategic Decisions

Aydem Renewable Energy integrates climate risks and opportunities into strategic decision-making, large-scale investments, and policy development processes. As part of the "Identification of Climate and Nature-Related Risks and Opportunities Project" completed in 2024, operations were analysed multidimensionally in line with TCFD and TNFD methodologies. These analyses cover factors such as carbon emissions, ecosystem services, biodiversity, regulatory risks and technological transition.

When planning new storage and hybrid solar power plant investments, factors such as emission reduction potential and financial sustainability are evaluated together. Trade-offs between factors such as low-carbon production targets and investment costs are addressed through long-term impact and return analyses. All decisions and actions are regularly reported to the Board of Directors, ensuring that climate-related risks and opportunities are managed holistically at the governance level.

Risk-Based Audit and Control Activities of the Internal Audit Function

The internal audit and control activities carried out within Aydem Renewable Energy have a systematic structure designed to assess whether risk management, financial reporting, control and governance processes are carried out in an effective, adequate, efficient and compliant manner with current legal and internal regulations, and whether information systems are managed in a secure and reliable manner. The Internal Audit Function, which carries out its activities within this scope with a focus on sustainability risks, reports its work to the Audit Committee, composed of independent members, in order to provide reasonable assurance to the Board of Directors, shareholders and other stakeholders. This unit, which derives its authority from the Board of Directors through the Audit Committee, acts as an independent and objective assurance function. The Internal Audit Function monitors the appropriate definition and sufficient and effective implementation of objectives related to compliance with the ethical rules and working principles defined within the company and carries out activities within its area of responsibility.

In accordance with the 2024 Audit Plan, centralised and on-site internal audit activities were carried out within the Company. Audit and control activities were found to be of a nature that could provide a reasonable level of assurance for risk management, internal control and governance processes. Agreements were reached with Management on actions to improve the individual control deficiencies identified during the audits, and the timely implementation of these actions was monitored periodically.

Sustainable Performance Supported by Remuneration Policy

The company implements a performance management system that clearly defines KPIs for each employee and department, and promotions and bonuses are determined based on evaluations conducted using these indicators. KPIs include sustainability and climate change-focused targets such as water management and emissions management. These indicators are designed to align with the company's strategic objectives. Currently, five of the seven company objectives set by senior management are sustainability targets, three of which relate to climate change.

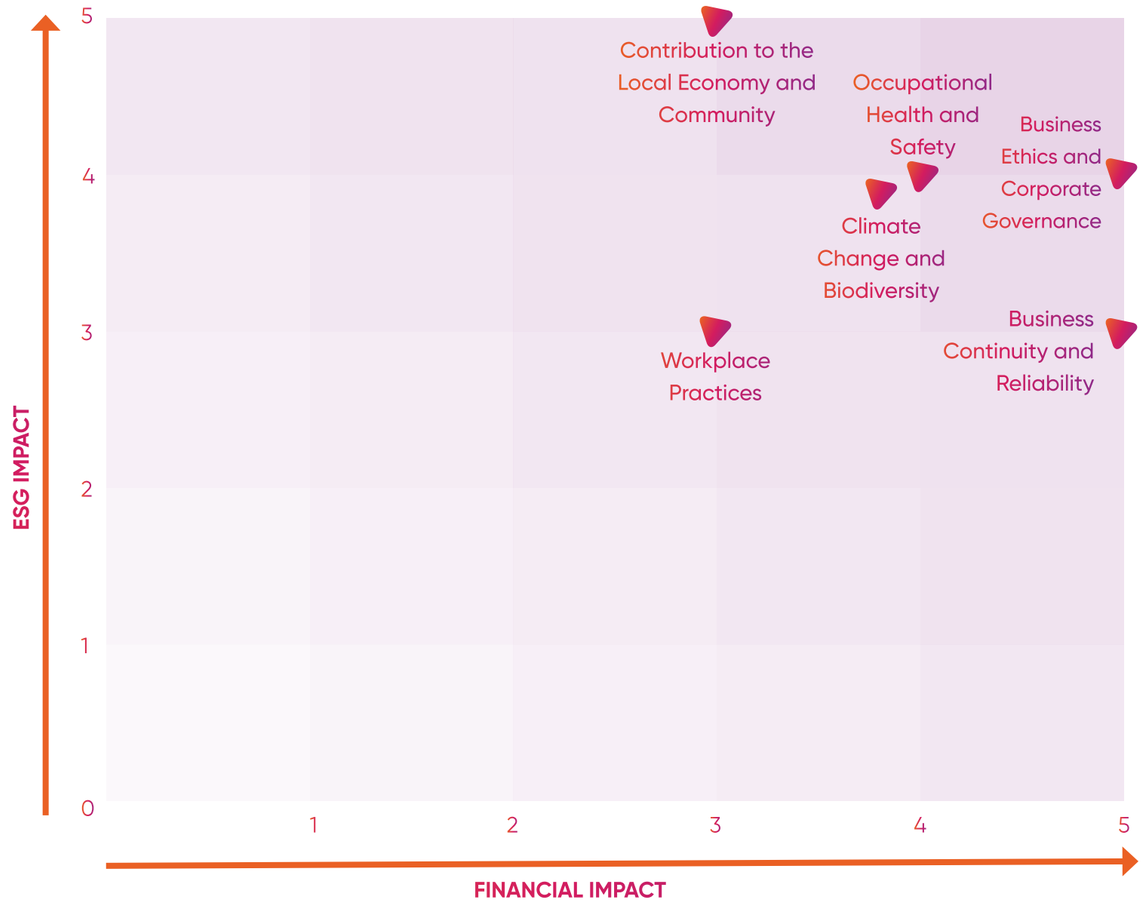
The company has a "Suggestion Line" programme that encourages employee participation. This platform operates as a system where employees at all levels contribute innovative, efficient, and proactive solutions. Every project developed and implemented is supported by a mechanism that rewards employee contributions.

FINANCIAL MATERIALITY ANALYSIS

Financial materiality provides a framework for assessing the impact of environmental and social factors on the company's financial performance. In conducting this assessment, Aydem Renewable Energy focused on how changes in carbon taxes or renewable energy incentives could affect the company's cost structure and revenue streams, how price fluctuations in the renewable energy market could impact the company's financial performance, and how ESG performance could influence investor decisions and credit ratings. The analysis process was supported by Aydem Renewable Energy's internal management structures.

Aydem Renewable Energy's Material Issues and Scope

Material Issues	Scope	
Business Ethics and Corporate Governance	▸ Business Ethics ▸ Corporate Governance ▸ Risk Management	▸ Transparency ▸ Anti-Corruption
Occupational Health and Safety	▸ Disaster and Emergency Preparedness ▸ Occupational Health and Safety	▸ Security
Workplace Practices	▸ Inclusive Workplace, Diversity and Equality ▸ Talent Management	▸ Employee Satisfaction and Loyalty
Contribution to the Local Economy and Community	▸ Infrastructure Investments ▸ Contribution to the Local Economy and Employment	▸ Relations with the Local Community
Business Continuity and Reliability	▸ Sustainable Supply Chain ▸ Employment and Business Continuity ▸ Efficient Renewable Energy Supply	▸ Economic Performance ▸ Innovation ▸ Digital Transformation and Information Security
Climate Change and Biodiversity	▸ Climate Change ▸ Greenhouse Gas Emissions ▸ Emissions Trading ▸ Renewable Energy ▸ Energy Efficiency ▸ Waste Management	▸ Circular Economy ▸ Biodiversity ▸ Soil Pollution ▸ Material Consumption ▸ Water Efficiency ▸ Protection of Water Resources



STRATEGY

STRATEGY

Aydem Renewable Energy integrates environmental and social factors into its business processes in line with its long-term value creation goal. Sustainability and climate risks and opportunities are continuously assessed, taking into account critical issues such as climate change, resource management, energy efficiency, waste management and compliance with environmental regulations. A strategic approach is adopted towards sustainability-related risks, and the resilience of the business model is continuously evaluated.

Risks and opportunities arise from dependencies on ecosystem services and potential impacts on the climate and nature. Identified risks and opportunities are integrated into strategic planning and goal-setting processes. This creates a wide-ranging impact, from investment decisions to operational activities, and from innovative projects to customer and supplier relationships. The focus is on innovative and sustainable growth opportunities, developing new products and services, increasing energy efficiency, and making investments in renewable energy.

The company's process for identifying climate and nature-related risks and opportunities is structured in line with TSRS 1 and TSRS 2. In this context, the company's financial position has been assessed based on risk definitions from companies with similar operational structures , Aydem Renewable Energy's future operational strategy, and SASB (Sustainability Accounting Standards Board) standards, which highlight key sector-specific issues. Issues identified as significant for the renewable energy generation sector were prioritised in the company's risk mapping. The identified risks and opportunities were analysed in terms of their impact on the company's financial statements. The financial materiality assessment was conducted by considering the potential impact of risks on the company's cash flows, cost of capital, financing opportunities, and long-term investment plans.

Existing procedures have been updated and new tools and forms integrated to protect biodiversity and develop sustainable management approaches. During the reporting period, climate and nature-related risks and opportunities were identified in line with the Task Force on Climate-related Financial Disclosures (TCFD) and Task Force on Nature-related Financial Disclosures (TNFD) frameworks, and assessments were made under the headings of governance, strategy, risk management, metrics and targets.

In line with its sustainability strategy, the company prioritises its work in the areas of female employment and gender equality. Aydem Holding has adopted the UN Women's Empowerment Principles (WEPs) and has further advanced its initiatives in this regard through the "Equal Life" project. The company supports women in taking on a more active role in the economic sphere and is taking concrete and meaningful steps towards social change.

Sustainability and Climate-Related Risks and Opportunities

The effects of climate change and dependencies on ecosystem services cause companies to face different risks in the short, medium and long term. In this context, the short term is defined as 1-3 years, the medium term as 3-10 years and the long term as 10 years and above. These terms are directly linked to the planning periods used in strategic decision-making processes.

The short-term period focuses on determining operational priorities and improving existing processes, while the medium-term period involves planning investment projects, adopting new technologies, and implementing strategies aimed at sustainability goals. The long-term period encompasses the implementation of transformation projects throughout the value chain and the realisation of the strategic vision in line with the company's sustainable growth goals.

Direct operations encompass renewable energy generation, maintenance, and operational activities conducted under the company's direct control. The upstream value chain refers to the procurement processes for the equipment, materials, and services required for these activities. For example, the procurement of equipment such as turbines and solar panels falls within this scope. The downstream value chain, on the other hand, covers subsequent stages such as the transfer of the energy produced to the transmission and distribution infrastructure.

SUSTAINABILITY AND CLIMATE RISKS

TSRS 1 Risks

Risk 1	Risk Maturity	Risk Level	Position in the Value Chain	Current Business Model and Strategy
Operational disruptions and/or ineffective management of internal resources (human capital, engineering, etc.) due to constraints/limitations encountered in integrating new transformations into existing generation processes (change-transformation-talent management, etc.)	Medium	Low	Direct Operations	During the adaptation process to new equipment and technologies, information backup is ensured by organising relevant personnel training for all stages, from assembly to commissioning. The latest technologies have been installed in solar power plants, and technical teams have been adapted to these technologies. In the past, turbine changes were made in wind power plants to increase energy efficiency. A transition to the SCADA system has been made to strengthen data control, and personnel training on SCADA usage is being planned. Floating PV systems and hydrogen technologies are being researched by the Investment Unit, and price analyses are being conducted through meetings with companies in this regard. In investment assessments made to benefit from green financing, difficulties may be encountered in accessing supplier resources due to certain conditions (e.g., generation capacity limits or restrictions imposed on equipment suppliers). Furthermore, insufficient installation and engineering knowledge in incorporating new technologies into generation processes may be considered a risk factor in these technologies. Investment units integrate environmental and social assessments into their procedures when adapting new transformations to existing processes. In implementing new transformations, social factors are considered alongside environmental factors; trade-offs are evaluated, particularly regarding land selection, land acquisition and protected areas, as well as meeting the needs of relevant communities and contributing to regional development. This process is carried out with an approach that balances minimising environmental impacts with maximising social benefits

Low Impact (up to 0.01% of turnover)[1]

The company is increasing operational efficiency by investing in training and infrastructure to support the integration of new technologies. However, supplier access, engineering requirements and financing constraints are among the risks that must be considered in the transition process.

In the short term, additional engineering and training costs may arise due to the transition process. Uncertainties in the procurement process may lead to changes in the timing of investment expenditures.

In the medium term, operating costs are expected to decrease as the adaptation of new technologies is completed. Increased competence of technical teams will limit operational disruptions and financial losses.

In the long term, processes will be managed more efficiently with automation and advanced monitoring systems, reducing efficiency losses and financial risks. In this context, although additional costs may arise in the initial phase, long-term efficiency gains and cost optimisation will be achieved.

[1] Low Financial Impact refers to costs or losses amounting to approximately 0.01% of turnover; Medium Financial Impact refers to costs or losses amounting to approximately 0.1% of turnover; High Financial Impact refers to costs or losses amounting to approximately 1% of turnover.

TSRS 1 Risks

Risk 2	Risk Maturity	Risk Level	Position in the Value Chain	Current Business Model and Strategy
Operational, maintenance, and refurbishment costs of power plants, along with low efficiency and unexpected investment expenditures	Short	Low	Direct Operations	Planned, periodic and predictive maintenance strategies implemented in hydroelectric power plants (HPP) and wind power plants (WPP) significantly increase operational efficiency. In HPP operations, planned and predictive maintenance is regularly implemented through the effective use of the SAP PM module, ensuring that power plants remain ready for generation and reducing generation losses. Potential problems are identified early, and operational costs are optimised through continuous and effective work. In wind farm operations, planned and predictive maintenance ensures that wind turbines experience fewer breakdowns and that energy generation remains stable. Aydem Renewable Energy increases efficiency and prevents unexpected downtime with its detailed maintenance programmes. Operational efficiency is enhanced at the wind farms in Söke, Uşak and Yalova with the Condition Monitoring System (CMS). CMS remotely monitors and analyses turbine equipment, enabling intervention before major failures occur, thus preventing unexpected downtime and stabilising energy generation. The system makes maintenance and repair operations more planned and efficient. In WPP operations, turbine maintenance is carried out in cooperation with the manufacturers, and a penalty-reward system encourages manufacturers to be proactive. Maintenance of other equipment is effectively managed by company personnel. A wind measurement mast has been erected for the Kızılağaç Storage WPP (DWPP) project. Wind data is being measured at this 100-metre-high mast in the area where the facility is planned to be built, and analyses related to the project are being carried out. Aydem Renewable Energy has made significant progress in 2024 in the use of environmentally friendly and efficient turbine technologies in new investment projects. The turbines used in capacity increase projects feature Direct Drive technology, which does not include a gearbox. The absence of a gearbox in Direct Drive turbines offers significant long-term environmental advantages. In particular, the absence of oil required for the gearbox in these turbines prevents the formation of oil waste. This is a positive step towards reducing Aydem Renewable Energy's environmental impact and achieving its sustainability goals. Furthermore, the use of these turbines contributes to reducing maintenance costs and operational difficulties. In hybrid solar power plant fields, the use of drones equipped with thermal cameras enables the detection of low-efficiency panels, thereby minimising generation losses and increasing operational efficiency.

Financial Impact of Risk: Low Impact (up to 0.01% of turnover)

The company's planned and predictive maintenance strategies minimise unexpected costs by increasing operational efficiency. **An analysis of maintenance expenditures over the last three years shows that investments are controlled and costs are optimised.**
In the short term, although periodic changes in operating expenses are expected depending on maintenance processes, high-cost breakdowns are prevented through effective maintenance practices.
In the medium term, innovative turbine technologies and predictive maintenance systems are expected to reduce maintenance costs and prevent losses due to low efficiency.
In the long term, maintenance expenditures are expected to become more predictable and sustainable thanks to automation and modernisation investments. Current strategies will continue to ensure cost efficiency by reducing financial risks.

TSRS 2 Risks

Risk 3	Risk Category	Risk Sub-Category	Risk Horizon	Risk Level	Position in the Value Chain	Current Business Model and Strategy
Disruption of operational activities due to climate-related causes or interruption/cessation of generation processes due to meteorological conditions	Physical	Acute	Short	Low	Direct Operations -Upstream Value Chain	Existing facilities are prepared for unexpected events and undergo regular renovations as required. When problems arise, rapid solutions are implemented using new manufacturing techniques and high-quality materials. The choice of high-quality equipment is an important factor in increasing the durability of facilities. The rehabilitation department is involved in direct interventions such as wire pulling work in landslide areas. Life safety and environmental committees carry out specific work related to landslides as part of disaster management. The company's Environmental Protection Safety System (ÇEVKOGUS) is implemented in accordance with legal regulations and increases its effectiveness in disaster management. In addition, flood warning systems approved by the State Hydraulic Works (DSİ) have been installed at all power plants. Digital maintenance systems increase the efficiency of maintenance processes and reduce operational interruptions. Aydem Renewable Energy analyses long-term drought scenarios, taking into account projections extending to 2050. Regional drought trends are among the potential risks that could affect generation capacity, and all scientific studies on this subject are closely monitored. Furthermore, comprehensive studies are being conducted at the regional level, and strategies are being developed accordingly. In order to balance the risks in the generation processes, the energy generation portfolio is being diversified by including other renewable energy sources such as floating solar power plants in hydroelectric power plants. Furthermore, Aydem Renewable Energy has turned its attention to solar power plant and wind power plant projects with storage. With the implementation of these projects, Aydem Renewable Energy's dependence on hydroelectric power plant generation will decrease significantly. Preventive measures, such as closing the gates at HPP plants and stopping water intake, are taken before foreseeable severe weather events. The drainage systems around the plant collect excess water and transfer it to the riverbed via pumps. Furthermore, excess water is diverted via spillways, and warning systems are used to protect the health of animals and people in the surrounding area when water is released. Audible warning systems are used when spillways are activated and the facility is in operation to ensure environmental safety. Tests representing different meteorological conditions have been conducted in previous years, during which new measures were taken to reinforce retaining walls and activities were carried out to balance water velocity. The benefits provided by the Screen Cleaning Machine Project continue. The project has increased generation continuity and operational efficiency by ensuring the effective cleaning of waste and foreign matter accumulated on the power plant screen. Thanks to the integrated screen cleaning machines, generation loss has been reduced and the cleaning time has been reduced from 4 hours to 1 hour. There are HPPs that are not engaged in generation activities or have very low generation capacity. Among the power plants that are not in generation is the Adıgüzel Dam and HPP, which is a project prioritising irrigation and is operated for this purpose in accordance with the instructions of the General Directorate of State Hydraulic Works (DSİ). Preliminary feasibility studies are ongoing for the construction of a new power plant at the outlet of the power plant's bottom spillway, and project development studies are being carried out for the establishment of a floating solar power plant on the dam lake surface. Earthquake, wind and flood loads are taken into account in the WPP design process. The systems are designed to withstand wind speeds of 200 km/h, and loads at this level constitute disaster conditions. No structural damage has been experienced due to wind in previous periods. High wind speeds have been evaluated through field tests, and the devices operate autonomously. Long-term analyses of changes in wind speeds are being conducted and meteorological data is being closely monitored. Furthermore, efforts are focused on diversifying energy sources through hybrid power plants to balance fluctuations in energy generation capacity.

TSRS 2 Risks

Risk 3	Risk Category	Risk Sub-Category	Risk Horizon	Risk Level	Position in the Value Chain	Current Business Model and Strategy
Disruption of operational activities due to climate-related causes or interruption/cessation of generation processes due to meteorological conditions	Physical	Acute	Short	Low	Direct Operations -Upstream Value Chain	In the event of excessive rainfall, drainage systems may be insufficient, which can lead to landslides and damage to the systems carrying the embankments. This situation causes disruptions in generation processes. However, in order to reduce the frequency of landslides, the soil has been reinforced with vegetation cover and drainage channels have been constructed in SPPs as a pioneering application not implemented in other power plants. Thanks to these measures and the robust design principles of new power plants, combined with the soil adaptation of older plants, landslides are not expected to occur with the same frequency as before, given the new rainfall patterns. Soil protection processes have also been implemented for the Akıncı Hybrid SPP project. At SPP sites, drones equipped with thermal cameras are used to identify low-efficiency panels, minimising generation losses and ensuring operational efficiency. The installed facility utilises a single-axis construction that tracks the sun and bifacial (double-sided) panel technology. This technology aims to produce 20% more energy compared to solar power plants with fixed construction systems and monofacial (single-sided) panels. Thanks to the single-axis construction system that moves according to the sun's rays at sunrise, the facility produces energy efficiently throughout the day. Technical preparations and Ministry Approval stages for land-based and floating solar power plant investment projects are ongoing. Land positioning studies and Environmental Impact Assessment (EIA) processes for the Atlantis 1 and Atlantis 2 Storage Solar Power Plant (SSPP) investment projects have been completed, and Ministry approval is pending. These studies are critical in ensuring that the projects are implemented in the most suitable locations and that maximum efficiency is achieved.

Financial Impact of Risk: Low Impact (up to 0.01% of turnover)

Within the company's renewable energy portfolio, generation has increased in hybrid solar power plants and wind farms, and there has been no financial loss due to operational disruptions related to climate change. However, when evaluated specifically for hydroelectric power plants (HPP), the generation volume, which was 1,823,866 MWh in 2023, declined to 1,428,500 MWh in 2024, representing a decrease of 21.68%.

HPP accounted for 75% of total revenues in 2023, but this ratio declined to 64% in 2024 due to the decrease in generation. The main reasons for this decline are seasonal rainfall changes and the location of 11 HPP within Aydem Renewable Energy in regions experiencing water stress.

However, within the framework of short-, medium- and long-term financial assessments, it is anticipated that the financial impact of the decline in HPP generation will be limited in the medium to long term, thanks to the company's continued investments in renewable energy and, in particular, the installation of hybrid power plants and storage systems. The commissioning of these investments will contribute to balancing generation capacity, thereby minimising the financial impact of operational risks.

Risk 4	Risk Category	Risk Sub-Category	Risk Horizon	Risk Level	Position in the Value Chain	Current Business Model and Strategy
Imbalances in supply and demand in the energy market due to variable meteorological conditions	Transition	Market	Short	Low	Downward Value Chain	Aydem Renewable Energy utilises various financial instruments and strategic demand management approaches to effectively mitigate market risks. The company prepares detailed generation and demand forecasts for day-ahead and intraday markets and conducts regular analyses to ensure the accuracy and timeliness of these forecasts. The prepared forecasts and generation data are shared with EPİAŞ at regular intervals to contribute to market functioning and increase transparency.

Financial Impact of Risk: Low Impact (Up to 0.01% of Revenue)

The company's diversified generation portfolio limits the financial impact of supply-demand imbalances that may arise in the energy market due to variable meteorological conditions.

In the short term, although price fluctuations due to seasonal variations may occur, the flexible generation structure limits sudden fluctuations in revenues.

In the medium term, the financial impact of supply-demand imbalances is expected to decrease with the commissioning of hybrid power plants and energy storage systems.

In the long term, it is anticipated that the financial impact of meteorological risks will decrease significantly with the further diversification of the energy portfolio.

OPPORTUNITIES

Opportunities	Opportunity Horizon	Position in the Value Chain	Actions and Financial Assessment
 Expanding market share by meeting the increase in renewable energy demand alongside changing customer demand	Medium	Direct Operations - Downstream Value Chain	The increase in demand for renewable energy directly affects the company's revenues and profitability. In 2024, the company's total revenue amounted to £6,584 million, representing a 28% decrease compared to the same period in 2023. However, with the commissioning of new investments, particularly the increase in hybrid solar and wind capacity, revenues are expected to increase in the long term. The company's current installed capacity is 1,180 MW, and the target is to reach 1,338 MW by 2027. This increase is expected to expand market share by driving growth in annual electricity generation. Seventy-five point nine per cent of hydroelectric power plants are reservoir-based, offering a more stable generation structure against seasonal fluctuations. This enables them to generate ancillary service revenues in addition to electricity sales. Furthermore, in the post-YEKDEM period, their storage capacity allows them to sell above the spot market price. In particular, the company's average price level of 73 USD/MWh for power plants remaining under the YEKDEM scheme as of 2024 provides a strong financial profile with its dollar-based revenue. Since 2011, it has continued its efforts to provide 100% renewable energy to customers with emission reduction or neutralisation targets. In this context, it supports its customers in reducing their carbon footprint by offering carbon credits and renewable energy certificates in voluntary carbon markets. Aydem Renewable Energy generated significant revenue from carbon credit and renewable energy certificate sales in 2024. Revenues amounted to 4,256,801.64 TL, generated from the sale of 582,598 I-REC certificates. Eco-labelled I-REC requests will be met by the Gökyar HPP. The company has 2 GS-certified and 7 VCS-certified power plants. The approved carbon credits for VCS-certified power plants are 551,009 tCO_2e, while those for GS-certified power plants are 301,321 tCO_2e. In 2024, a total of 846,610 tCO_2e carbon credits were approved, and 1,440 tonnes of carbon credits were offered for sale, generating a total revenue of 4,319,882.44 TL together with I-REC sales.

Opportunities	Opportunity Horizon	Position in the Value Chain	Actions and Financial Assessment
 Enhancing environmental and social performance to gain reputation, increase brand value, and secure investment/investor attraction potential	Short	Direct Operations - Upstream Value Chain	The company's status as a 100% renewable energy producer increases its access to international sustainable financing sources. In particular, investments that meet environmental and social sustainability criteria provide access to green bonds and sustainable financing options. In 2024, a total of $52.2 million was paid out in coupon payments on bonds with a nominal value of $750 million. Making regular and timely payments to bondholders is a factor that increases the company's financial stability and investor confidence by maintaining its creditworthiness and investor interest. In 2024, it won six awards, including the "Platinum Award," at the LACP Vision Awards for its integrated report, increasing its brand value by ranking high in global rankings. The company was recognised with the "Outstanding Achievement" award by the British Safety Council in 2023 for its OHS practices. The company's inclusion in the BIST Sustainability Index, FTSE4Good Indices and CDP A Leadership level contributes to attracting new investments by increasing investor confidence.
 Not being affected by additional costs in the event of potential inclusion in an Emissions Trading System (ETS)	Short	Direct Operations - Upstream Value Chain	As Aydem Renewable Energy generates 100% renewable energy, it is not expected to be subject to additional costs under the ETS. This situation supports its financial sustainability by exempting it from cost increases linked to carbon pricing. While energy producers subject to the ETS are forced to pass on rising carbon costs to electricity prices, Aydem Renewable Energy will be able to maintain its prices at competitive levels and thus preserve its profit margins. At the same time, becoming a more attractive option for investors as a company unaffected by carbon costs may enable it to access financing opportunities on more favourable terms. This advantage will contribute to strengthening the company's market position and supporting its long-term growth.

Opportunities	Opportunity Horizon	Position in the Value Chain	Actions and Financial Assessment
 Investing in new and more efficient renewable energy technologies, such as hybrid solar power plants, to increase operational efficiency, ensure generation continuity and supply security	Short	Direct Operations - Upstream Value Chain	A significant portion of the company's planned investment capacity of 622 MW by the end of 2027 consists of hybrid projects and storage systems. In this context, hybrid solar power plants are among the priority projects and are considered one of the most advantageous options in terms of operational efficiency. The company plans to gradually incorporate two hybrid PV power plants into operations, one of which will be ready for operation in 2023. A total additional investment of TL 958,060,266 is anticipated for hybrid PV power plant projects by 2027. A SPP with a capacity of 139.1 MWp is expected to generate an annual income of USD 17,213,625, based on a specific generation value of approximately 1650 kWh/kWp (compared to the Turkish average) and a minimum price of USD 75/MWh. While no storage investment is planned for existing hydroelectric power plants, the conversion of acquired hydroelectric power plants to hybrid systems is being evaluated. Hybrid power plants operate in conjunction with existing hydroelectric and wind power plants, reducing seasonal and weather-related fluctuations in generation. To ensure that risks are distributed regionally, the power plants are planned to be spread across different geographical areas. In this context, Aydem Renewable Energy's planned investments are as follows: ▸ 25 MW Onshore Hybrid Solar Power Plant, 53 MW Yüzer Hibrit GES, ▸ 53 MW Floating Hybrid Power Plant, 400 MW depolamalı GES, ▸ 46 MW WPP capacity increase, ▸ 400 MW storage-based power plant, ▸ 100 MW WPP with storage, ▸ The projected annual estimated generation of the Adıgüzel HPP Hybrid Power Plant is 71,730 MWh (45.21 MWp), and the projected annual estimated generation of the Göktaş HPP is 11,294 MWh (7.5 MWp). Upon completion of these investments, the total installed capacity is expected to reach 1,838 MW. **The planned hybrid solar and wind capacity increase investments will be financed entirely through Aydem Renewable Energy's internal resources and cash flows.** Feasibility studies regarding investment costs are ongoing. Generation revenue forecasts are being maintained in line with technology selection and installation scenarios. One of the most significant financial advantages of hybrid investments is the lower investment costs due to the use of existing infrastructure. Building a new power plant using the same grid infrastructure is 40-50% cheaper than an independent SPP investment. The investment expenditure required for hybrid projects is equivalent to 15-20% of the revenue to be generated from the project, while this ratio rises to 35-40% for independent projects. Hybrid power plants will support the company's long-term profitability by increasing generation capacity while reducing operational costs. Storage investments will ensure continuity in energy supply, minimising generation interruptions and creating revenue stability against market fluctuations.

SCENARIO ANALYSIS

Factors such as climate change, the state of ecosystem services, the frequency of extreme weather events, economic balances, technological innovations and digitalisation are assessed as risks that could affect Aydem Renewable Energy's business processes. These risks are tested under various scenarios using stress tests, and business continuity is regularly reviewed.

All risk management processes are recorded and fully integrated into daily operations and strategic planning. Risks and opportunities identified using modern risk assessment tools are analysed in terms of their financial impact, and business plans are developed in line with the 1.5°C Global Warming Mitigation Scenarios. In 2024, a workshop on nature and climate-based risks and opportunities was organised with the participation of senior management; scenario analyses were discussed at this workshop. Depending on the scenario, the current status and planned actions of businesses forming the most vulnerable group in terms of physical and transition risks were discussed in detail.

Top-Down 'Normative' Scenario Analysis in Line with the TCFD Climate Scenario Guidance

'Normative' scenarios for the environmental and socio-economic future are used in conjunction with climate projections that simulate global efforts, reflecting different global warming rates and the progress of global efforts to reduce greenhouse gas emissions (e.g., the Intergovernmental Panel on Climate Change [IPCC]). Aydem Renewable Energy has assessed future physical and transition changes under two climate scenarios, consistent with the IPCC AR6 Working Group's Shared Socioeconomic Pathways (SSP) scenarios, including Türkiye-specific qualitative physical and transition risks. Although there is no specific dataset for macroeconomic parameters, the scenario analyses were conducted by taking into account current macroeconomic indicators and general economic trends.

	SSP1 - Low-level challenges for mitigation and adaptation	SSP2 - Medium-level challenges for mitigation and adaptation
Scenario Summary AR6 Study SSP-Based Scenarios	**SSP1-1.9:** The world aims to limit global warming to between 1.5°C and 2°C by 2100, in line with the Paris Agreement targets. Emission reduction policies are being implemented resolutely with the aim of achieving net zero emissions by 2050.	**SSP2-4.5:** If current policies and commitments continue unchanged, global warming could reach approximately 3°C by 2100. Although new energy technologies reduce costs, limited policy intervention does not provide sufficient incentives for innovation and does not coordinate the global transition.
Estimated Warming (2041-2060	**1.6 °C**	**2.0 °C**
Physical Changes	▸ **Acute:** The company's hydroelectric power plants may be affected by sudden weather events (e.g. extreme rainfall, floods). Measures taken against acute physical risks such as extreme rainfall include improving drainage systems and strengthening vegetation cover to prevent landslides. ▸ **Chronic:** Long-term climate effects such as drought may adversely affect the water resources of HPPs. However, the company's other renewable energy projects, such as WPP and SPP, can offset this risk by reducing dependence on water resources. This diversity increases the sustainability of total energy generation capacity.	▸ **Acute:** Continuing current policies may increase risks related to climate change. Extreme weather events may adversely affect hydroelectric power plants (HPP) and renewable energy sources (WPP). Acute climate events may cause difficulties in ensuring continuity in energy generation. The use and development of audible warning systems will become important to reduce the risk of more frequent heavy rainfall and flooding. ▸ **Chronic:** Drought and the depletion of water resources may affect the efficiency of HPPs. Furthermore, the impact of climate change on WPP and SPP may create uncertainties in total energy generation. In the long term, this situation may cause interruptions in energy supply. Investments in storage-based SPP and WPP projects increase resilience against chronic climate impacts.
Transitional Changes	▸ **Policy**: Strengthening sustainable energy policies can provide financing and support for renewable energy projects. However, restrictions on water use during this period may complicate the operating conditions of HPPs. Long-term analyses extending to 2050 and storage-based WPP and SPP projects aligned with national policies support adaptation to energy transition policies. ▸ **Market:** The development of alternative sources such as WPP and SPP, in addition to HPP, may increase market competition. The goal of optimal energy generation and diversification of the energy portfolio increases the capacity to adapt to fluctuations in energy demand in the market. ▸ **Reputation:** Environmental impacts can cause social reactions. However, sustainability-focused projects can maximise reputation gains in the SSP1 scenario. ▸ **Technology Risks:** The development of new energy technologies has the potential to increase the efficiency of hydroelectric power plants, requiring the company to encourage innovation in the field of technology. Storage-based WPP and SPP projects provide flexibility in energy generation while contributing to the development of more efficient and sustainable solutions. Technology risks can be minimised by increasing employee competence and through the active work of the Investment Unit and Information Technology Unit.	▸ **Policy:** Limited policy interventions may hinder the development of the company's renewable energy projects. Insufficient incentives to achieve renewable energy targets may threaten the future financing of hydroelectric power plants. Furthermore, the lack of coordination in the energy transition under current policies may create uncertainty in the sector. ▸ **Market:** Declining costs of alternative energy sources may increase market competition. However, due to limited policy intervention, this situation may threaten the company's HPP market share. Furthermore, the failure to adopt innovative energy solutions may have negative effects on market dynamics. Energy efficiency projects help the company maintain its cost advantage in line with market conditions. ▸ **Reputation:** Failure to achieve sustainability targets may result in a loss of public trust. This could undermine investor confidence. ▸ **Technology Risks**: Insufficient support for new energy technologies may hinder innovation in renewable energy projects. Failure to develop hybrid systems, storage, and innovative solutions may jeopardise the company's competitiveness. Furthermore, failure to sufficiently update existing technologies may negatively impact efficiency.

Resilience

The company's strategy and resilience are critical not only for overcoming current operational challenges but also for preparing for future uncertainties and capitalising on opportunities. Key areas of uncertainty considered in the company's climate resilience assessments include carbon pricing mechanisms under the Emissions Trading System (ETS), for which the implementation framework has not yet been clarified in Türkiye, the continuity of green investment incentives, forecasts regarding the pace of transformation in energy policies, and the impact of global macroeconomic fluctuations on investment appetite.

Aydem Renewable Energy's diversified energy portfolio, energy storage investments, and environmentally resilient infrastructure strategies are key elements that combine financial stability with sustainable growth. The company's strategy aims to increase resilience to climate and sustainability-related risks by diversifying its renewable energy portfolio. The diversified structure, consisting of hydroelectric, wind and hybrid solar energy projects, provides flexibility against variable weather conditions and fluctuations in energy demand caused by climate change. The diversified renewable energy portfolio makes the company's energy supply sustainable and uninterrupted, while offering operational flexibility against weather-related risks. Portfolio diversity contributes to ensuring continuity in energy generation by maximising the potential of different energy sources. Furthermore, investments in energy storage technologies play a critical role in ensuring the continuity of renewable energy generation and managing demand imbalances. These technologies enable the optimisation of generation capacity in line with increasing demand, while enhancing the company's flexibility, ability to maintain financial stability, and operational efficiency.

In Aydem Renewable Energy's portfolio, income losses due to climate risks affecting hydroelectric power plants, which are most affected by physical risks, have been included in climate risk assessments. Financial losses arising from maintenance, repairs, breakdowns and operational interruptions, which were assessed within the scope of risks, were not disclosed as they fall into the low impact category. Investments aimed at expanding the renewable energy portfolio, particularly hybrid power plants that will increase the company's flexibility and resilience, will be financed through the company's equity. The financial increase that activities in the opportunity areas will provide in the future has been expressed qualitatively at this stage due to factors such as the unpredictability of revenues from hybrid power plants, price fluctuations in the carbon market, and uncertainties in the timing of the commissioning of investments .

The resilience of the infrastructure is critical to minimising the impact of environmental and climate risks on operational processes. The company's strategies for developing infrastructure resilient to changes in water resources and weather conditions contribute to maintaining generation capacity while reducing potential climate risks. These strategies are implemented by taking climate impacts into account in project designs, forming the cornerstones of long-term resilience. Regular and proactive maintenance plans play a critical role in ensuring continuity of energy supply by optimising equipment performance and minimising unexpected downtime.

Regular reporting tracks the outputs of activities, and the company's performance is continuously monitored against sustainability and climate-related metrics. This allows for regular assessment of progress towards strategic goals and implementation of improvements where necessary. Investments in sustainable energy sources and robust environmental policies ensure the company's long-term growth while supporting its financial stability. Aydem Renewable Energy's comprehensive policies, plans and procedures keep the company in a position to adapt to future environmental and political changes. Aydem Renewable Energy's policies, plans and procedures are reviewed at reasonable intervals and, when necessary, in a manner that provides flexibility in the face of current regulations, future climate policy developments and potential financial uncertainties.

ENVIRONMENTAL MANAGEMENT

Climate Transition Plan

Aydem Renewable Energy considers it its responsibility to achieve the "Net Zero Emissions" target and to lead efforts to limit global warming to 1.5°C.

As one of Türkiye's leading renewable energy companies, Aydem Renewable Energy has adopted an effective and determined approach to combating climate change. The Climate Transition Plan developed within this scope has been designed in full alignment with the company's strategic objectives, decision-making mechanisms and operational processes. The company's approach covers all processes, from its current operations to its future investments.

Key Foundations and Assumptions of the Transition Plan

- **Science-Based Targets:** The Climate Transition Plan is based on emission reduction targets approved by the Science Based Targets initiative (SBTi). The company clarified its long-term strategy by officially submitting its net-zero target to the SBTi in 2024.
- **Key Assumptions:** Compared to the 2022 base year, gross Scope 1 and Scope 2 greenhouse gas emissions are targeted to be reduced by 51 per cent by 2032, and gross Scope 3 emissions from capital goods are targeted to be reduced by 30 per cent. Long-term, the company aims to achieve net-zero greenhouse gas emissions across its value chain by 2040. Strategies such as energy efficiency, increased use of renewable energy, and investment in low-carbon technologies are central to achieving these targets.
- **Dependencies:** The company is dependent on technological advances, supply chain optimisation and collaborative projects to achieve its energy efficiency and carbon reduction targets.

Reduction Roadmap

Scope 1 and 2 Emissions:

Transitioning to more efficient equipment to enhance energy efficiency at facilities,

Use of biofuels or low-carbon alternative fuels,

Conversion of company vehicles to electric or hybrid vehicles,

Implementation of battery storage systems with a capacity of 500 MW by 2026.

Scope 3 Emissions:

Procuring low-carbon products and services from suppliers,

Optimising fuel consumption and emissions in logistics processes,

Increasing waste management and recycling rates,

Promoting digital meetings and remote working practices,

Investing in carbon-neutral or low-carbon projects

Efficiency and Climate Change Adaptation

Aydem Renewable Energy aims to make its operations resilient to the effects of climate change by prioritising infrastructure investments. In this context, energy efficiency practices have been implemented across all processes.

Transparency and Collaboration

The company has adopted a transparent communication policy by disclosing its climate performance and sustainability targets to the public in annual reports. Collaboration with public institutions, NGOs and other stakeholders contributes to the development of effective climate policies. In addition, individual targets have been set and incentive mechanisms implemented to encourage the active participation of employees in the process of raising awareness of climate change.

Renewable Energy Portfolio

As of 2024, the ratio of power plants included in YEKDEM to total installed capacity is 28%. Dereli HPP, Düzce Aksu HPP, Söke WPP, Yalova WPP and Uşak WPP are among the facilities included in this scope.

The total installed capacity ratio of power plants with ongoing YEKDEM periods and the possibility of being included in this mechanism is calculated as 60%. These power plants include Akıncı HPP, Göktaş-1 HPP, Göktaş-2 HPP, Dereli HPP, Düzce Aksu HPP, Söke WPP, Yalova WPP, and Uşak WPP.

Energy Produced from Renewable Energy Sources	Unit	2024
Solar	MWh	127,401
Wind	MWh	602,950
Hydroelectric	MWh	1,428,498
Total electricity generated	**MWh**	**2,158,944**

Emissions Management

Electricity generation is one of the largest sources of global greenhouse gas emissions. However, renewable energy-based generation contributes to the energy transition by reducing carbon intensity. Aydem Renewable Energy eliminates fossil fuel-based emissions by generating energy from 100% renewable sources and supports the transition to a low-carbon energy system. Within the scope of carbon footprint, the carbon footprint calculations of the headquarters and all businesses are made, monitored and verified in accordance with the ISO 14064-1 standard and the GHG Protocol. The carbon footprint calculations for 2024 have been verified by an accredited certification body in accordance with the ISO 14064-3 standard.

Greenhouse Gas Emissions*	Unit	2024
Direct CO_2 Emissions (Scope 1)	tCO_2e	1,787.13
Indirect CO_2 Emissions (Scope 2)	tCO_2e	2,397.45
Indirect CO_2 Emissions (Scope 3)	tCO_2e	4,873.32**
	Unit	**2024**
Greenhouse Gas Emissions per Unit of Generation	tCO_2e/MWh	0.006

**Gross emissions have been used in all emission classifications. No offsetting/neutralisation processes have been applied.*

***Aydem Renewable's subsidiaries (Ey-Tur Energy Electricity Generation and Trade Ltd. Co. ("Ey-tur") / HPP, Başat Electricity Generation and Trade Ltd. Co. ("Başat") / HPP, Sarı Perakende Energy Sales and Trade Inc. ("Sarı Perakende"), Akköprü Renewable Energy Generation Inc.) did not engage in any activities that could cause greenhouse gas emissions in 2024; however, they have been included in the relevant calculations for methodological integrity.*

Green Energy and Carbon Markets

Aydem Renewable Energy continues its low-carbon growth in line with regional and international carbon regulations. In this context, revenues from renewable energy certificates are evaluated in accordance with emission reduction targets.

Green energy certificates are becoming increasingly important in certifying that the energy consumed is sourced from renewable sources. As Türkiye's largest company producing only renewable energy, Aydem Renewable Energy is one of the leading companies in the sector, having provided 4 million International Renewable Energy Certificates (I-REC) to public institutions and various sectors between 2020 and 2024. In emissions management, it has made valuable contributions to sustainable development goals in line with Goal 13, "Climate Action," and has taken the company's sustainability goals to a higher level.

Aydem Renewable Energy generated 4,256,801.64 TL in revenue by selling 582,598 I-REC certificates in 2024. Eco-labelled I-REC requests will be met by the Gökyar HPP.

The company has 2 Gold Standard (GS) registered and 7 Voluntary Carbon Standard (VCS) registered power plants, with 551,009 tCO_2e carbon credits recorded for VCS certified power plants and 301,321 tCO_2e for GS certified power plants. The company has a total of 846,610 tonnes of CO_2e carbon credits approved for 2024. Furthermore, a total of 1,440 tonnes of carbon credits were offered for sale in 2024, supporting other companies' offsetting efforts. These sales generated a total revenue of 4,319,882.44 TL. Carbon credits from projects registered with VCS and GS are verified at specific intervals by an accredited organisation in accordance with VCS and GS requirements.

As Türkiye's largest company producing only renewable energy, Aydem Renewable Energy is one of the leading companies in the sector, having provided **4 million International Renewable Energy Certificates (I-REC)** to public institutions and various sectors between 2020 and 2024.

Energy Efficiency

Integrated Management Systems (ISO 9001:2015, ISO 45001:2018, ISO 14001:2015, ISO 50001:2018) are effectively implemented to ensure the most efficient use of domestic and renewable energy sources. Energy efficiency-focused efforts have been identified as one of the cornerstones of the sustainability approach and this principle is observed at every stage of operations.

As part of energy efficiency efforts in energy production, the availability rates at all power plants located in four different regions of Türkiye reached 99.66%. As a result of these efforts, Aydem Renewable Energy is included in the BIST Sustainability Index.

Aydem Renewable Energy has established an Integrated Management System Policy with a sustainable and efficient energy management approach and has shaped its operations within this framework. This policy covers fundamental issues such as energy management, resource efficiency, environmental sustainability and employee participation, and is based on continuous improvement in the company's operational processes. The information listed below has been determined and implemented in accordance with the principles set out in Aydem Renewable Energy's Integrated Management System Policy.

Efficient Use of Resources

Continuous improvement is made in processes to minimise energy consumption and utilise existing resources in the most effective manner. Efficiency is increased through technological modernisation and optimisation efforts in renewable energy generation.

Continuous Improvement of Energy Performance:

Within the framework of the ISO 50001:2018 Energy Management System standard, energy performance is continuously monitored and improvement targets are set. In line with this standard, innovative solutions for energy efficiency are integrated into operations.

Preference for Energy-Efficient Products and Services:

Environmentally friendly and energy-saving products and services are prioritised. This approach aims to ensure sustainability in the energy consumption of operations.

Waste Management and Pollution Prevention

Energy usage is optimised to reduce waste and support recycling. These methods ensure both energy efficiency and environmental sustainability.

Combating Climate Change:

Energy efficiency efforts are considered part of the strategy to combat climate change. The aim is to reduce carbon emissions and decrease energy intensity by increasing renewable energy generation capacity.

Employee Participation and Training

Regular training sessions are held to raise energy efficiency awareness, and all stakeholders are encouraged to contribute to the process.

Water Use and Management

Aydem Renewable Energy recognises that sustainable water management is critical to meeting the growing agricultural, urban and industrial water demand driven by economic growth, population increase, industrialisation and the adverse effects of climate change.

With 72% of total installed capacity coming from hydroelectric power plants, water management is central to the company's environmental responsibilities. The company has developed a comprehensive Water Management Policy in line with the United Nations Global Compact Management Model and international guidelines. The policy assesses the impact of climate-related risks on water resources while also ensuring the support of operational sustainability targets. Aydem Renewable Energy embraces the efficient and responsible use of water resources, the minimisation of environmental impacts, and cooperation with social stakeholders as fundamental elements of these policies.

Aydem Renewable Energy develops appropriate systems to identify negative externalities, prioritise legal and reputational risks, and reduce, monitor, and report on these risks, taking into account environmental, social, and financial risks as well as opportunities. Water management strategies and performance targets are set, integrated into corporate management processes, and ensure the efficient use of water both in direct operations and throughout the supply chain.

Action plans are developed to reduce water withdrawal and usage volumes, excluding water withdrawn for energy generation; policies and strategies to improve operational water performance are implemented across the company and throughout the value chain. The effectiveness of the defined targets is regularly monitored using KPIs and environmental and social parameters and shared transparently with stakeholders in accordance with internationally recognised reporting standards. Furthermore, within the scope of establishing sustainable water management programmes, active interaction is maintained with communities, civil society organisations, value chain stakeholders and other relevant organisations.

Definition and Assessment of Water Management Risks

Aydem Renewable Energy considers sustainable water management to be a fundamental element not only in its operational processes but also in its long-term strategic planning. The company's water management policy has been developed taking into account environmental, regulatory and financial constraints, as well as climate-related impacts on water resources. It has assessed water management risks in line with the disclosure topics defined in the Guidance on Sector-Based Implementation of TSRS 2 and has determined its existing controls and future strategies to address these risks.

Physical risks assessed include drought, flooding, operating in water-stressed regions, seasonal and annual fluctuations in water resources, changes in ecosystem services, and changes in water quality. Furthermore, the potential short-, medium-, and long-term impacts of climate change on water resources have been analysed and considered in both current operations and future investment plans.

In the context of transition risks, the variability of water costs, restrictions imposed by regulatory bodies, public health and safety, and the expectations of local communities and other stakeholders regarding the use of water resources were taken into account. These elements play an important role in shaping the company's water management strategies in the context of its principle of full compliance with legislation, as well as social responsibility and reputation management.

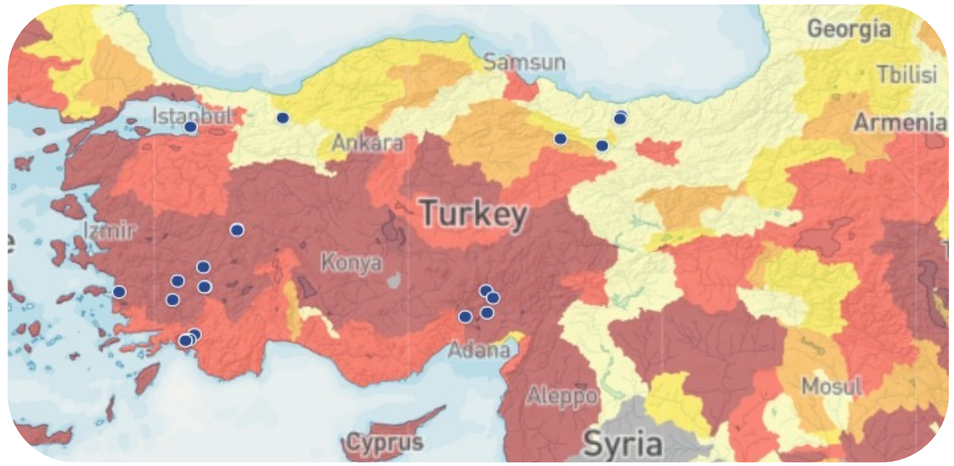
With regard to wastewater management, technical issues such as the continuity of discharge permits, regulatory compliance, and control of water discharge parameters are addressed in detail. Furthermore, the perceptions of local communities and other stakeholders have been taken into account in the formulation of policies in line with the company's understanding of social responsibility.

Water Management Performance

At hydroelectric power plants, the ecological balance of rivers is preserved by ensuring the continuity of downstream environmental flows. Water management is carried out meticulously, ensuring full compliance with the requirements defined by Water Basin Authorities regarding the minimum water quantity, timing, and quality necessary to sustain human livelihoods and welfare.

Downstream and upstream water levels, water quality and quantity, discharged water volumes, and ecological flows are monitored annually based on calculations derived from the plant's installed capacity, and outputs subject to legislation are reported to the relevant public authorities. The 2024 calculations for the water footprint of the headquarters and all facilities have been verified by an accredited certification body in accordance with the ISO 14046 Standard.

Water Management Risk Assessment



The map presented above was created using WRI Aqueduct's global water risk mapping tool. The fact that 16 of the company's 25 existing power plants are located in high water stress areas increases the strategic importance of water management, particularly for hydroelectric power plants.

Within the scope of water management, environmental constraints are a critical factor for the operational sustainability of HPPs. HPPs operating in regions experiencing water scarcity may experience fluctuations in generation capacity due to seasonal and interannual changes in water levels. The increased risk of drought due to climate change may limit hydroelectric generation by reducing water resources and may require additional measures in terms of energy supply security. This situation necessitates advanced planning and adaptation strategies in water management.

In the context of regulatory and financial constraints, regulatory pressures on HPP water use may increase in regions with high water stress. Water abstraction rights and permit processes may be subject to stricter controls. Local stakeholders, civil society organisations and regulatory authorities may demand more sensitive policies for the protection of water resources. The potential effects of water scarcity on energy generation may directly impact the company's generation efficiency and cost management.

The company's water management strategies, water policies and water efficiency measures increase its resilience to water stress. Technical solutions to increase water use efficiency and sustainable water management approaches developed in collaboration with local communities will continue to strengthen the company's operational continuity and compliance capacity.

Strategies and Goals with a Focus on "Respect for People and Nature"

Aydem Renewable Energy has defined its Water Management Policy within the framework of short- and long-term plans:

- Strategies for the sustainable management of water resources have been developed based on basin-based analyses and integrated into operations.
- Transparent information sharing and cooperation mechanisms with stakeholders on water management have been strengthened.
- Water consumption, excluding water drawn for energy generation, has been reduced, and innovative processes and equipment that consume less water have been developed.

Total water consumption in 2024 was **19,051.49 m³**, and water consumption per unit of generation was calculated as 0.009 m³/MWh.

The protection of water resources will remain one of the company's top priorities **for a sustainable future.**

In 2024, 10.9 billion m³ of water was used for energy generation and the same amount of water was returned to nature without contamination. The amount of water used in power plants for purposes other than energy generation was monitored with detailed measurements. Total water consumption in 2024 was 19,051.49 m³, and water consumption per unit of generation was calculated as 0.009 m³/MWh.

In 2024, a total of 14,273 m³ of wastewater was discharged to treatment plants. In accordance with environmental legislation, water quality indicators are monitored through regular analyses, tracking basic parameters such as pH, electrical conductivity, temperature, dissolved oxygen, and oil and grease, as well as extended parameters such as free chlorine, suspended solids, ammonium nitrogen, phosphate, nitrate, total nitrogen, and total phosphorus.

Aydem Renewable Energy is taking the necessary steps to continuously improve its water management strategies, minimise the environmental and social impacts of its activities, and maintain transparent information sharing in line with international reporting standards. The protection of water resources will remain one of the company's top priorities for a sustainable future.

RISK MANAGEMENT

RISK MANAGEMENT

Aydem Renewable Energy operates on the belief that protecting its assets and values in the long term, ensuring sustainable financial performance, competitiveness and growth, and safeguarding the interests of all stakeholders can be achieved through the effective management of financial and non-financial risks. In addition to the financial impact of risks, the reputational risks they may cause, their impact on regulatory and supervisory bodies, their impact on employees, and their impact on the value chain are also assessed. For Aydem Renewable Energy, the value chain components are defined as the upstream value chain (infrastructure construction services and equipment supply), direct operations (renewable energy generation) and the downstream value chain (connection to the transmission and distribution network).

The company's risk management is fully integrated into daily operations and strategic planning to enable rapid adaptation to changing market conditions. Aydem Renewable Energy's Risk Management Policy has been approved by the Board of Directors and defines the company's risk management strategy, general principles and management principles. Risk management policies and processes are regularly reviewed and updated to ensure they are appropriate to current business dynamics and competitive market conditions. The company's Risk Policy is directly linked to climate and sustainability management processes, risks and opportunities. All decisions include the identification, assessment and prioritisation of opportunity areas presented by relevant climate and sustainability risks. Risk and opportunity management activities are the responsibility of risk management officers and legal and compliance officers.

Following an eight-component strategy, existing and potential risks that could affect the Company's objectives are identified, assessed and monitored. In line with risk-taking profiles, risk management principles and actions are determined and taken into account in decision-making processes. The processes are managed through continuous information sharing and integrated work with relevant units and Committees.

Risks covered under the six headings deployed under integrated risk management are classified taking into account their causes, events and consequences. Under the management of the Sustainability, Environment, Occupational Health and Safety Committee, climate change, depletion of natural resources, related current or future legal changes, natural disasters, shifting economic balances, emerging new markets, technological innovations, digitalisation and all other risks related to sustainability are classified and managed within six main risk categories. In addition to the Risk Management Methodologies applied to these risks, special studies are conducted on climate change and sustainability issues, and stress tests are performed, thereby elevating this monitoring mechanism to a higher level and determining actions to mitigate risks. The Sustainability and Climate Risks examined by the SELC and Sustainability Committee provide input to the Early Risk Detection Committee, thereby ensuring the integration of these risks into the overall risk management processes.

The six fundamental risk types included in Aydem Renewable Energy's Risk Management Methodology are:

RISK MANAGEMENT STRATEGY

The risk management approach not only minimises the threats that the company may face, but also offers the opportunity to produce innovative solutions by evaluating opportunities in strategic planning and investment processes.

Aydem Renewable Energy's integrated management approach has made risk awareness an integral part of its corporate culture. Thus, all operational activities and strategic decisions are directed in line with the company's risk appetite; in this regard, critical elements such as financial performance and reputation are safeguarded. Responsibility for the company's risk management plans and policies lies directly with the Board of Directors. The Board of Directors has appointed a Risk Early Detection Committee to enhance the effectiveness of risk management. The Committee meets regularly at least six times a year and, if necessary, more frequently, reporting its findings to the Board of Directors.

Aydem Renewable Energy implements an eight-stage comprehensive risk management strategy:

1. Governance: Risk management policies and procedures are defined.

2. Objectives: Company objectives are clarified and alignment with risk management activities is ensured.

3. Event Detection: Potential risks are proactively identified.

4. Risk Assessment: The magnitude and likelihood of risks are assessed and prioritised.

5. Action: Effective strategies are developed and implemented for risks.

6. Control: The effectiveness of risk management strategies is monitored through regular audits and assessments.

7. Information and Communication: Risk management information is shared accurately and in a timely manner, ensuring a transparent flow of information with internal and external stakeholders.

8. Risk Monitoring: The effectiveness of risk management processes is regularly reviewed and necessary adjustments are made. All risk management processes are regularly monitored using performance indicators and key risk indicators.

RISK ASSESSMENT STRUCTURE

Risks are measured and monitored in accordance with international standards and legal regulations. At Aydem Renewable Energy, risk management policies are developed under the leadership of the Board of Directors and the Early Risk Detection Committee, and risks are managed effectively. The Committee is responsible for evaluating and making recommendations on risk management strategies for risks that will be accepted, managed, shared or completely eliminated within the Company, based on probability and impact assessments.

- **Acceptable Risks:** These are risks that are manageable within the Company's operational strategies and can be minimised through control mechanisms. These risks are integrated into daily workflows and continuously monitored.
- **Unacceptable Risks:** These refer to situations that exceed the Company's risk tolerance and require more serious management strategies. Three main management strategies are applied for these risks:

  - **Control:** This involves implementing appropriate risk mitigation measures to minimise unacceptable risks. Aydem Renewable Energy implements this strategy by developing internal control systems, procedures and policies. These controls are applied by addressing the causes of the risk or mitigating its effects.

  - **Risk Transfer:** Ensures that risks are transferred through insurance policies, contracts or agreements with third parties. This method allows for the reduction of financial risks and the distribution of damage costs.

  - **Avoidance:** This aims to eliminate risk entirely by staying away from its source or ceasing risky activities. This approach is generally preferred for high-cost or reputationally risky activities.

Prioritising significant risks is one of the fundamental steps in an integrated risk and opportunity identification, assessment and management system. Each identified risk and opportunity is assessed in two key dimensions: probability of occurrence and severity of impact. The risk assessment process is based on the impact and probability criteria defined within the Environmental Impact Analysis Procedure and the severity-impact matrix, and is implemented in accordance with the organisation's accepted scoring system and action thresholds.

Probability Assessment Criteria (1–5):

- **1 – Very Low:** The likelihood of occurrence is very low. It typically arises only under conditions such as natural disasters.
- **2 – Low:** May only occur during system or process changes. Not observed during routine operations.
- **3 – Moderate:** May arise from a lack of training or awareness.
- **4 – High:** Covers events that recur at specific intervals (weekly/monthly) and can be linked to the process.
- **5 – Very High:** Situations that can routinely occur under normal operating conditions and require continuous monitoring.

Impact (Severity) Assessment Criteria (1–5):

- **1 – Very Mild:** No impact on the environment or health.
- **2 – Mild:** The impact on the environment is limited and temporary.
- **3 – Moderate:** Environmental damage occurs but can be mitigated through immediate intervention.
- **4 – Serious:** The impact may be long-term, and environmental effects are significant.
- **5 – Very Serious:** Causes widespread, permanent environmental damage. Expert intervention is required.

The risk score is calculated by multiplying the probability and impact scores. The resulting score defines the risk level and the actions to be taken. All activities with a risk level of "medium" or higher are considered significant and are reassessed annually.

Risk Value (Score)	Risk Level	Action to Be Taken
1	Not significant	No action required.
2–6	Low Impact	Monitoring and control activities are implemented. Reviewed within 1 year to reduce risk.
8–12	Medium Impact	An action plan is prepared; monitoring and measurement processes are implemented within 9 months.
15–20	High Impact	Corrective action is mandatory. The risk level must be reduced within 6 months.
25	Unacceptable	The activity is suspended. Emergency intervention is carried out within 3 months.

The process of determining and monitoring Key Environmental Aspects is carried out by the Environmental and Sustainability Assistant and the Environmental and Sustainability Specialist; the relevant records are revised once a year and submitted to the Environmental and Sustainability Manager for approval. In this way, the environmental risk management process is systematically implemented within the organisation with a defined distribution of tasks and control mechanisms.

Within the framework of "materiality" as outlined in paragraphs 17-19 of the TSRS, businesses are required to disclose material information relating to sustainability-related risks and opportunities that could reasonably be expected to affect their future financial viability. In order to use definitions consistent with the conceptual framework of the TSRS, the materiality threshold selected for Aydem Renewable Energy Inc. and determined to be consistent with the financial audit process has been set at no more than 0.1% of the turnover amount , in line with the expectations set out in paragraphs B13-B37 of the TSRS. Additionally, the defined risk appetite metrics are as follows: During the reporting year, financial impacts were determined as follows, considering 0.1% of revenue, in the climate and sustainability risk assessment process.

Risk Appetite Level

- **Low Impact (Level 1):** Costs and/or losses equivalent to 0.01% of turnover
- **Medium Impact (Level 2):** Costs and/or losses equivalent to 0.1% of revenue
- **High Impact (Level 3):** Costs and/or losses equivalent to 1% of turnover

The company integrates the management of sustainability and climate-related risks into its corporate structure and business processes. In this context, the processes of identifying, assessing and monitoring risks have been integrated with general risk management and internal control systems to ensure they are compatible with the company's operations. Aydem Renewable Energy considers the regular monitoring, implementation, control and development of its Environmental Management System to be among its strategic priorities. The defined responsibilities are shared across all management levels. The Sustainability, Environment, Occupational Health and Safety Committee makes strategic decisions on climate and environmental issues, while the HSE and Sustainability Directorate is responsible for managing these activities. Climate and environmental management activities are carried out within the framework of the internationally recognised ISO 14001:2015 Environmental Management System and ISO 50001:2018 Energy Management System, under the Integrated Quality Management Model.

Climate and environmental performance is included in corporate performance evaluation systems and is continuously monitored across operations, beyond legal requirements. The results obtained are reported to stakeholders through sustainability reports. Modern risk-opportunity assessment tools, such as stress tests and scenario analyses, are used and evaluated in terms of financial impacts. The company's climate risk and opportunity portfolio is published under the Carbon Disclosure Project (CDP), and business plans are developed based on the 1.5°C Global Warming Mitigation Scenarios. Water and carbon footprint inventories are calculated, monitored and verified in accordance with ISO 14046 and ISO 14064 standards and the GHG Protocol. Significant steps have been taken for biodiversity tracking and management, and Water Management and Climate Policies have been published. These policies have strengthened the company's commitments to reducing environmental impacts and combating climate change.

During the reporting period, the company has assessed its dependencies on climate change and ecosystem services, its impacts, risks and opportunities in these areas, and their potential impact on financial performance within the frameworks of the Task-force on Climate-related Financial Disclosures (TCFD) and the Task-force on Nature-related Financial Disclosures -TNFD) frameworks, the Company's dependencies on climate change and ecosystem services, its impacts, risks and opportunities in these areas, and their potential implications for financial performance were assessed; the strategic approaches developed within this framework were discussed. The identified climate and nature-related risks and opportunities were detailed in line with the company's climate transition plan. The scope of the analysis covers the renewable energy power plants wholly owned by the company.

Compliance with legal regulations is an integral part of Aydem Renewable Energy's risk management process. The company considers the meticulous monitoring of legal requirements related to climate change and environmental management and full compliance with these requirements to be an important element in managing its operational risks. In this process, the assessment of compliance with legal regulations and the regular updating of these assessments are prioritised.

METRICS AND TARGETS

METRICS AND TARGETS

Aydem Renewable Energy monitors its sustainability performance using measurable and trackable metrics in both financial and operational dimensions. The main criteria used to monitor and measure sustainability risks, opportunities, and targets include: the completion/delay rate (%) of planned transformation projects, revenues generated from these projects, generation outage duration and associated generation losses, the rate of change in maintenance costs, unexpected investment expenditures, and the rate of increase/decrease in revenues from carbon credits and renewable energy certificates.

Within the scope of measurement methods, generation, maintenance and investment budget realisation reports obtained from financial and operational systems, as well as comparisons between generation targets and actual performance, are taken as a basis. With regard to climate risks, generation declines caused by water scarcity and the associated financial effects are evaluated as key measurement criteria. Depending on the type of risk and opportunity, these are monitored and analysed on a monthly, annual, and project-based periodic basis.

Aydem Renewable Energy is taking concrete steps in line with its sustainability strategies to combat climate change and develop innovative solutions in the energy sector. The company has set targets aimed at reducing the environmental impact of its activities and increasing the efficiency of its operations. These targets are supported by science-based methods and structured in line with international best practices.

The defined targets are based on strategic priorities such as reducing greenhouse gas emissions, increasing renewable energy investments, and promoting environmental awareness training. The metrics used to achieve the targets enable systematic monitoring and reporting of the company's performance. Each target is regularly evaluated within the framework of the current period, base period, milestones, and interim targets.

Aydem Renewable Energy designs strategies and plans to achieve its sustainability goals, focusing on continuously improving its performance in these areas. These efforts, which enable the company to achieve its economic, social and environmental sustainability goals, also contribute to value creation for both current and future generations.

Strategic Goals

- In line with science-based targets, reducing greenhouse gas emissions across all of Aydem Renewable Energy's generation facilities and value chain throughout Türkiye and contributing to Türkiye's Net Zero targets.
  Under the SBTi, the company commits to reducing absolute gross Scope 1 and Scope 2 emissions by 51% and absolute gross Scope 3 emissions from capital goods by 30% by 2032 as an interim target compared to the 2022 base year. The ultimate goal is to achieve net-zero emissions across the entire value chain by 2040.
- To accelerate the low-carbon energy transition and support energy supply security by increasing renewable energy capacity.

Planned Investments

- 25 MW Onshore Hybrid Solar Power Plant
- 53 MW Floating Hybrid Power Plant
- 46 MW RES capacity increase
- 400 MW storage-enabled SPP
- 100 MW WPP with storage

- Contributing to regional development through the local supply chain and employment, thereby increasing social benefits.
- Increasing energy efficiency through technological innovations and storage solutions.

Scope 3 emissions carry the risk of limited access to the supply chain. Similarly, revenue and generation projections for hybrid power plants that are not yet operational are developed based on market prices and technological efficiency assumptions. Such forecast-based metrics may involve uncertainty, particularly for medium- and long-term targets; actual outcomes may vary depending on external variables.[2]

Quantitative and qualitative targets have been set in line with both legal obligations and voluntary commitments in order to achieve climate-related strategic objectives. Climate-related targets are structured according to SMART criteria; measurements are tracked through the Climate Performance Management System and evaluated at the end of the year.

At Aydem Renewable Energy, company targets are determined in collaboration with the General Manager and relevant departments, with final approval granted by the General Manager. The validity period, base year, applicable unit, type of target (absolute/intensity-based) and purpose (reduction, adaptation, etc.) are determined for each target. Care is taken to ensure that targets are consistent with international regulations such as the Paris Agreement. Interim and year-end evaluations are conducted during the year; target achievements are analysed and scored according to performance levels. The criteria set for each metric are applied consistently across years, and any changes to the metrics or measurement methods are clearly justified. Monitoring results are approved by the relevant first and second managers within the governance structure and the Human Resources unit; furthermore, calibration meetings ensure a balanced distribution of results.

Target achievement data and competency assessments are collected through the Climate Performance Management System and monitored digitally. The outputs generated at the end of the monitoring process are integrated into the organisation's sustainability strategies and provide input to decision-making mechanisms.

[2] *As the company's SBTi commitment was made during this reporting period, there is no progress report on the implementation process yet.*

TSRS Volume-32. Electrical Installations and Power Generators

Table 1. Sustainability Disclosure Topics and Accounting Metrics

Energy and Emissions Management[3]	2024
Total Direct Greenhouse Gas Emissions (Scope 1) (tonnes CO_2)	1,787.13
Total Indirect Greenhouse Gas Emissions (Scope 2) (tonnes CO_2)	2,397.45
Total Indirect Greenhouse Gas Emissions (Scope 3) (tonnes CO_2) [4]	4,873.32
Discussion of the long- and short-term strategy or plan for managing Scope 1 emissions and emission reduction targets, and analysis of performance against these targets	The company has an SBTi-approved reduction target. The company's short- and long-term emission reduction plans are detailed under the heading 'Climate Transition Plan'.
Water Management[5]	**2024**
Total Water Withdrawn (Thousand cubic metres (m^3))	10,905,755,961.04
Total Water Consumed (Thousand cubic metres (m^3))	11,778.41
Percentage of each region with High or Extremely High Groundwater Stress	64%[6]
Number of non-compliance incidents related to water quality permits, standards, and regulations	Water risk reduction strategies are discussed in detail in the TSRS 2 Risks section.
Definition of water management risks and discussion of strategies and practices to mitigate these risks	Water risk mitigation strategies are discussed in detail in the TSRS 2 Risks section.

[3] The 2024 carbon footprint calculations for the head office and all operations are carried out in accordance with the ISO 14064-1 standard and the GHG Protocol and have been verified by an Accredited Certification Body in accordance with the ISO 14064-3 Standard. Scope 2 emissions were calculated using a location-based method. The scope of the analysis covers renewable energy plants wholly owned by the company. Although Aydem Yenilenebilir's subsidiaries do not engage in any activities that could cause greenhouse gas emissions, they have been included in the relevant calculations for methodological integrity.

[4] Category 1: Purchased Goods and Services, Category 2: Capital Goods, Category 3: Fuel and Energy-Related Activities, Category 4: Upstream Transportation and Distribution, Category 5: Production-Related Waste, Category 6: Employee Business Travel, Category 7: Employee Commuting. Due to the nature of the Company's activities, there are no activities that generate emissions under categories 8-15.

[5] The 2024 calculations for the water footprint of the head office and all operating sites have been verified by an accredited certification body in accordance with the ISO 14046 Standard. Although Aydem Yenilenebilir's subsidiaries do not engage in any activities that could cause water consumption, they have been included in the relevant calculations for methodological integrity.

[6] 16 of the 25 power plants are located in areas with high water risk. Only hydroelectric power plants (HES) were considered for the relevant metric.

Table 2. Activity Metrics

	2024
Total electricity generated (MWh)[7]	2,158,944
Total wholesale electricity purchased (MW)	147,131,610

[7] In 2024, the majority of electricity production was provided by hydroelectric sources, accounting for approximately two-thirds (66.2%) of total production. RES accounted for 27.9% and GES accounted for 5.9%.

A data collection strategy incorporating the criteria of timeliness and consistency, completeness, comparability, accuracy and transparency has been developed to meet data quality objectives, and raw data has been converted into a usable format for the inventory. During the inventory process, emission factors specific to the relevant categories were selected and used from the following sources:

- "Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance",
- "2019 IPCC Guidelines for National Greenhouse Gas Inventories",
- "2006 The Greenhouse Gas Protocol: Scope 2 Guidance".
- "ISO 14064-1"
- "The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)".

The GHG Protocol Guidance on Uncertainty Assessment in GHG Inventories and Calculating Statistical Parameter Uncertainty document has been used as a basis for calculating uncertainties in greenhouse gas activity data. Accordingly, Aydem Yenilenebilir's total uncertainty rate for Scope 1 emissions for 2024 was calculated as 4.1%, the total uncertainty rate for Scope 2 emissions as 3.4%, and the total uncertainty rate for Scope 3 emissions as 2.6%.

To monitor emission reduction performance, metrics such as absolute greenhouse gas emission quantities (tonnes CO_2e), emission intensity per unit of generation (tonnes CO_2e/MWh), and year-on-year comparative emission change rates are used. Progress metrics are calculated annually using the same methodological approach; the factors and methodologies used in the calculations are selected from the sources mentioned above. Annual emission data are compared with both the previous year's values and the company's long-term reduction targets to analyse progress.

Relevant TSRS Provisions	Metric	Current Status
TSRS 2 29 (b)	Climate-related transition risks—the amount and percentage of assets or business activities vulnerable to climate-related transition risks	No loss has been incurred.
TSRS 2 29 (c)	Climate-related physical risks—the amount and percentage of assets or business activities vulnerable to climate-related physical risks	16 of the 25 power stations are located in areas with high water risk.
TSRS 2 29 (d)	Climate-related opportunities—the amount and percentage of assets or business activities aligned with climate-related opportunities	Carbon credit and I-REC revenues: 4,319,882.44 TL Revenue from hybrid power plants: 403,060,468 TL Total: 407,380,350.44 TL
TSRS 2 29 (e)	Capital allocation—capital expenditure, financing, or investment amount allocated for climate-related risks and opportunities	Investment amount per MW; • 670 USDk/MW for hybrid projects, • 870 USDk/MW for capacity increase projects, • For storage-based WPP & storage-based SPP investments, it is 710 USDk/MW.
TSRS 2 29 (f)	Internal carbon prices	Due to the nature of the Company's activities, there is no work related to internal carbon pricing within this category.
TSRS 2 29 (g)	Ratio linked to climate assessments in senior executive remuneration	Five of the seven company targets are sustainability targets, three of which relate to climate change.

Affiliated Companies	Energy and Emissions Management			Water Management
	(Scope 1) (tonnes CO_2)	(Scope 2) (tonnes CO_2)	(Scope 3) (tonnes CO_2)	Water Withdrawn and Consumed (m^3)
Ey-Tur Energy Electricity Generation and Trade Ltd. Co. ("Ey-tur") / HPP	0	0	0	0
Başat Electricity Generation and Trade Ltd. Co. ("Başat") / HPP	0	0	0	0
Sarı Perakende Energy Sales and Trade Inc. ("Sarı Perakende")	0	0	0	0
Akköprü Renewable Energy Generation Inc.	0	0	0	0

TSRS Index

TSRS S1: General Provisions on the Disclosure of Sustainability-Related Financial Information

Section	Relevant Standard Explanation	Article Number	Relevant Report Section
Governance	a) Governance body/bodies (may include a board, committee or equivalent body responsible for senior management) or person(s) responsible for overseeing sustainability-related risks and opportunities	TSRS 1 27a.i	Board of Directors, Senior Management Taking Strong Steps Towards Strategic Goals with Committees Climate and Sustainability Goals Led by the CEO
		TSRS 1 27a.ii	Dependency, Impact, Risk and Opportunity Management under the Supervision of the Board of Directors
		TSRS 1 27a.iii	Dependency, Impact, Risk and Opportunity Management under the Board of Directors' Oversight
		TSRS 1 27a.iv	Dependency, Impact, Risk and Opportunity Management under the Oversight of the Board of Directors Integration of Climate-Related Risks and Opportunities into Strategic Decisions
		TSRS 1 27a.v	Sustainable Performance Supported by Remuneration Policy
	b) Management's role in governance processes, controls, and procedures used to monitor, manage, and oversee sustainability-related risks and opportunities	TSRS 1 27 b.i	Taking Strong Steps Towards Strategic Goals with Committees Risk-Focused Audit and Control Activities of the Internal Audit Function
		TSRS 1 27 b.ii	Strong Steps Towards Strategic Goals with Committees
Strategy	a) Risks and opportunities related to sustainability	TSRS 1 30.a	Risks and Opportunities Related to Sustainability and Climate
		TSRS 1 30.b	Sustainability and Climate-Related Risks and Opportunities
		TSRS 1 30.c	Sustainability and Climate-Related Risks and Opportunities
	b) Business model and value chain	TSRS 1 32.a	Sustainability and Climate-Related Risks and Opportunities
		TSRS 1 32.b	Sustainability and Climate-Related Risks and Opportunities
	c) Strategy and Decision-Making	TSRS 1 33.a	Sustainability and Climate Risks Opportunities
		TSRS 1 33.b	Sustainability and Climate Risks Opportunities
		TSRS 1 33.c	Sustainability and Climate Risks Opportunities
	d) Financial position, financial performance and cash flows	TSRS-1 34.a	Sustainability and Climate Risks Opportunities
		TSRS-1 34.b	Sustainability and Climate Risks Opportunities
		TSRS-1 35.a	Sustainability and Climate Risks Opportunities
		TSRS-1 35.b	Sustainability and Climate Risks Opportunities
		TSRS-1 35.c.i	Sustainability and Climate Risks Opportunities
		TSRS-1 35.c.ii	Sustainability and Climate Risks Opportunities
		TSRS-1 35.d	Sustainability and Climate Risks Opportunities
	e) Resilience	TSRS-1 41	Scenario Analysis

TSRS S1: General Provisions on the Disclosure of Sustainability-Related Financial Information

Section	Relevant Standard Explanation	Article Number	Relevant Report Section
Risk management	a) The processes and related policies it uses to identify, assess, prioritise and monitor sustainability-related risks	TSRS-1 44.a.i	Risk Management
		TSRS-1 44.a.ii	Risk Management
		TSRS-1 44.a.iii	Risk Assessment Framework
		TSRS-1 44.a.iv	Risk Assessment Framework
		TSRS-1 44.a.v	Risk Assessment Framework
		TSRS-1 44.a.vi	Risk Assessment Framework
	b) Processes used by the organisation to identify, evaluate, prioritise and monitor opportunities related to sustainability	TSRS-1 44.b	Risk Management Risk Assessment Framework
	c) The extent to which and manner in which the processes for identifying, evaluating, prioritising and monitoring sustainability-related risks and opportunities are integrated into the organisation's overall risk management process and inform the organisation's overall risk management process	TSRS-1 44.c	Risk Management Risk Assessment Framework
Metrikler ve Hedefler	a) Metrics required by the relevant TSRS	TSRS-1 46.a	Metrics and Targets
		TSRS-1 46.b	Metrics and Targets
	b) Metrics used by the organisation to measure and monitor sustainability-related risks and opportunities	TSRS-1 48	Metrics and Targets
	c) The organisation's performance in relation to the aforementioned risk or opportunity concerning sustainability, including progress towards its own targets and targets it must achieve in accordance with legislation	TSRS-1 51.a	Metrics and Targets
		TSRS-1 51.b	Metrics and Targets
		TSRS-1 51.c	Metrics and Targets
		TSRS-1 51.d	Metrics and Targets
		TSRS-1 51.e	Metrics and Targets
		TSRS-1 51.f	Metrics and Targets
		TSRS-1 51.g	Metrics and Targets
		TSRS-1 53	Metrics and Targets

TSRS S1: General Provisions on the Disclosure of Sustainability-Related Financial Information

Section	Relevant Standard Explanation	Article Number	Relevant Report Section
General Provisions	Guidance Resources	TSRS-1 54	Report and Company Information
		TSRS-1 55.a	Strategy
		TSRS-1 56	Report and Company Information
		TSRS-1 59	Report and Company Information
	Location of Explanations	TSRS-1 60	Report and Company Information
	Reporting Time	TSRS-1 64	Report and Company Information
	Comparative Information	TSRS-1 70	Report and Company Information
	Statement of Compliance	TSRS-1 72	Report and Company Information
Judgements, Uncertainties and Errors	General Provisions	TSRS-1 74	Report and Company Information Sustainability and Climate Risks Opportunities Risk Management
	Measurement Uncertainty	TSRS-1 77	Scenario Analysis Metrics and Targets
		TSRS-1 78	Scenario Analysis Metrics and Targets
	Errors	TSRS-1 83	There are no period errors from previous periods.

TSRS S2: Climate-Related Disclosures

Section	Relevant Standard Explanation	Article Number	Relevant Report Section
Governance	a) Governance body/bodies (may include a board, committee or equivalent body responsible for senior management) or person(s) responsible for overseeing climate-related risks and opportunities	TSRS 2 6.a.i	Taking Strong Steps Towards Strategic Goals with Committees Climate and Sustainability Goals Led by the CEO
		TSRS 2 6.a.ii	Dependency, Impact, Risk and Opportunity Management under the Supervision of the Board of Directors
		TSRS 2 6.a.iii	Dependency, Impact, Risk and Opportunity Management under the Board of Directors' Oversight
		TSRS 2 6.a.iv	Dependency, Impact, Risk and Opportunity Management under the Oversight of the Board of Directors Integration of Climate-Related Risks and Opportunities into Strategic Decisions
		TSRS 2 6.a.v	Sustainable Performance Supported by Remuneration Policy
	b) Management's role in governance processes, controls and procedures used to monitor, manage and oversee climate-related risks and opportunities	TSRS 2 6.b.i	Taking Strong Steps Towards Strategic Goals with Committees Risk-Focused Audit and Control Activities of the Internal Audit Function
		TSRS 2 6.b.ii	Strong Steps Towards Strategic Goals with Committees
Strategy	a) Climate-related risks and opportunities	TSRS-2 10.a	Sustainability and Climate-Related Risks and Opportunities
		TSRS-2 10.b	Sustainability and Climate-Related Risks and Opportunities
		TSRS-2 10.c	Sustainability and Climate-Related Risks and Opportunities
		TSRS-2 10.d	Sustainability and Climate-Related Risks and Opportunities
	b) Business model and value chain	TSRS-2 13.a	Sustainability and Climate Risks Opportunities
		TSRS-2 13.b	Sustainability and Climate Risks Opportunities
	c) Strategy and decision-making	TSRS-2 14.a.i	Sustainability and Climate Risks Opportunities
		TSRS-2 14.a.ii	Sustainability and Climate Risks Opportunities
		TSRS-2 14.a.iii	Sustainability and Climate Risks Opportunities

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Section	Relevant Standard Explanation	Article Number	Relevant Report Section
Strategy	c) Strategy and decision-making	TSRS-2 14.a.iv	Climate Transition Plan
		TSRS-2 14.a.v	Climate Transition Plan
		TSRS-2 14.b	Sustainability and Climate Risks Opportunities
		TSRS-2 14.c	About Aydem Renewable Energy Sustainability and Climate Risks Opportunities Metrics and Targets
	d) Financial position, financial performance and cash flows	TSRS-2 15.a	Sustainability and Climate-related Risks and Opportunities
		TSRS-2 15.b	Sustainability and Climate-Related Risks and Opportunities
		TSRS-2 16.a	Sustainability and Climate-Related Risks and Opportunities
		TSRS-2 16.b	Sustainability and Climate-Related Risks and Opportunities
		TSRS-2 16.c.i	Sustainability and Climate-related Risks and Opportunities
		TSRS-2 16.c.ii	Sustainability and Climate-Related Risks and Opportunities
		TSRS-2 16.d	Sustainability and Climate-Related Risks and Opportunities
		TSRS-2 21	Sustainability and Climate-Related Risks and Opportunities
	e) Climate Resilience	TSRS 2 22.a.i	Scenario Analysis
		TSRS 2 22.a.ii	
		TSRS 2 22.a.iii	
		TSRS 2 22.a.iii.1	
		TSRS 2 22.a.iii.2	
		TSRS 2 22.a.iii.3	
		TSRS 2 22.b	
		TSRS 2 22.b.i.1	
		TSRS 2 22.b.i.2	
		TSRS 2 22.b.i.3	
		TSRS 2 22.b.i.4	

TSRS S2: Climate-Related Disclosures

Section	Relevant Standard Explanation	Article Number	Relevant Report Section
Strategy	e) Climate Resilience	TSRS 2 22.b.i.5	Scenario Analysis
		TSRS 2 22.b.i.6	
		TSRS 2 22.b.i.7	
		TSRS 2 22.b.ii.1	
		TSRS 2 22.b.ii.2	
		TSRS 2 22.b.ii.3	
		TSRS 2 22.b.ii.4	
		TSRS 2 22.b.ii.5	
		TSRS 2 22.b.iii	
Risk management	a) Processes and related policies used by the organisation to identify, assess, prioritise and monitor climate-related risks	TSRS 2 25.a.i	Risk Management
		TSRS 2 25.a.ii	Risk Management
		TSRS 2 25.a.iii	Risk Assessment Framework
		TSRS 2 25.a.iv	Risk Assessment Framework
		TSRS 2 25.a.v	Risk Assessment Structure
		TSRS 2 25.a.vi	Risk Assessment Framework
	b) Information on whether and how climate-related scenario analysis is used, including the processes the organisation uses to identify, evaluate, prioritise and monitor climate-related opportunities	TSRS 2 25.b	Risk Management Risk Assessment Framework
	c) The extent to which and how the processes for identifying, assessing, prioritising, and monitoring climate-related risks and opportunities are integrated into the organisation's overall risk management process and inform the organisation's overall risk management process	TSRS 2 25.c	Risk Management Risk Assessment Framework

TSRS S2: Climate-Related Disclosures

Section	Relevant Standard Explanation	Article Number	Relevant Report Section
Metrics and Targets	a) Climate-related metrics	TSRS-2 29.a	Metrics and Targets TSRS Volume-32. Electrical Installations and Power Generators Sustainability Disclosure Topics and Accounting Metrics
		TSRS-2 29.b	
		TSRS-2 29.c	
		TSRS-2 29.d	
		TSRS-2 29.e	
		TSRS-2 29.f	
		TSRS-2 29.g	
	b) Sector-based metrics associated with other common characteristics that characterise specific business models, activities, or participation within a sector (Guidance on the Sector-Based Application of TSRS-2)	TSRS-2 32	Metrics and Targets TSRS Volume-32. Electrical Installations and Power Generators Sustainability Disclosure Topics and Accounting Metrics Activity Metrics
	c) Climate-related targets	TSRS-2 33.a	Metrics and Targets Strategic Targets
		TSRS-2 33.b	Metrics and Targets Strategic Objectives
		TSRS-2 33.c	Metrics and Targets Strategic Objectives
		TSRS-2 33.d	Metrics and Targets Strategic Objectives
		TSRS-2 33.e	Metrics and Targets Strategic Objectives

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Section	Relevant Standard Explanation	Article Number	Relevant Report Section
Metrics and Targets	c) Climate-related targets	TSRS-2 33.f	Metrics and Targets Strategic Objectives
		TSRS-2 33.g	Metrics and Targets Strategic Objectives
		TSRS-2 33.h	Metrics and Targets Strategic Objectives
		TSRS-2 34.a	Metrics and Targets Strategic Objectives
		TSRS-2 34.b	Metrics and Targets Strategic Objectives
		TSRS-2 34.c	Metrics and Targets Strategic Objectives
		TSRS-2 34.d	Metrics and Targets Strategic Objectives
		TSRS-2 35	Metrics and Targets Strategic Objectives
		TSRS-2 36.a	Metrics and Targets Strategic Objectives

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Section	Relevant Standard Explanation	Article Number	Relevant Report Section
Metrics and Targets	c) Climate-related targets	TSRS-2 36.b	Metrics and Targets Strategic Objectives
		TSRS-2 36.c	Metrics and Targets Strategic Objectives
		TSRS-2 36.d	Metrics and Targets Strategic Objectives
		TSRS-2 34.e.i	Metrics and Targets Strategic Objectives
		TSRS-2 34.e.ii	Metrics and Targets Strategic Objectives
		TSRS-2 34.e.iii	Metrics and Targets Strategic Objectives
		TSRS-2 34.e.iv	Metrics and Targets Strategic Objectives

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