

Environmental Management

Performance Indicator	Target year	Target	2024 performance	Status by Target	Base-year/ Status
Scope 1 and Scope 2 Greenhouse Gas Emissions	2050	Net Zero	16.4%↓ 421,493 mt CO ₂ e	In progress	2020/504,015 mt CO ₂ e
Scope 1 and Scope 2 Greenhouse Gas Emissions	2030	42.65%↓	16.4%↓ 421,493 mt CO ₂ e	In progress	2020/504,015 mt CO ₂ e
Scope 3 Category 1 Greenhouse Gas Emissions	2033	32%↓	2%↑ 5,823,754 mt CO ₂ e	New	2023/ 5,704,927 mt CO ₂ e
Store Electricity Consumption (kWh/m ² .day)	2030	35%↓	13.7%↓ 0.866607 kWh	In progress	2019/1.003757 kWh

In line with its goal of continuously improving the positive impact it creates within the framework of its business model-integrated **Better Future Plan**, Migros measures the environmental consequences of its operations. The company's actions are guided by its goal of developing and employing sustainable resource-management solutions for dealing with such issues as reducing its carbon and water footprints, using natural resources efficiently, and protecting biodiversity. In keeping with circular economic principles, Migros proactively manages waste, collaborates with stakeholders to reduce plastic use, and creates shared value.

Migros reviews and revises its **Environmental Policy**  annually to ensure that the policy is compatible with the company's short, medium, and long-term plans. It makes this policy known not just to its own employees but also to all stakeholders across its entire value chain. Migros keeps a close watch on and regularly checks and audits both its own operations and those of its suppliers for compliance with the Migros Environmental Policy. During 2024 the company had no significant breaches of environmental laws and regulations and was not involved in any legal proceedings concerning them.

Migros' approach to sustainability management is that all employees are responsible for achieving sustainability targets and that this responsibility is shared equally across all levels of the company. The **Migros Sustainability Committee** is responsible for setting and achieving sustainability-management targets within the framework of the **Migros Better Future Plan**. The Migros Board of Directors has ultimate responsibility for all environmental management-related decisions.

Monthly or quarterly environmental sustainability target performance-fulfillment results are reported by Migros Sustainability Committee subcommittees and relevant departments to the Chief Supply Chain & Logistics Officer who is also responsible for quality and environmental departmental operations and to the sustainability committee. Senior management assess the company's environmental strategies, practices, and performance on the basis of these reports and decide what action need to be taken. Sustainability target performance-fulfillment results are monitored as elements of Migros' corporate performance evaluation system; action is taken to ensure that environment-related responsibilities are effectively fulfilled. Adhering to the principles of transparency and accountability and to a continuous-improvement based approach towards

environmental sustainability, Migros conducts its operations accordingly.

Migros makes active use of performance criteria both when identifying sustainability targets and when formulating remuneration policies. The Migros Board of Directors has ultimate responsibility for all environment-related decisions. The Migros Sustainability Committee coordinates the implementation of board decisions within the framework of the **Migros Better Future Plan**. The quality & environment executive calculates and measures environmental sustainability targets and submits quarterly reports about the company's environmental performance to senior management. The **Migros Sustainability Committee** and its subcommittees as well as relevant departments take action to improve the company's environmental performance.

Chief Expansion & Property Officer, Construction & Technical Issues, Technical Expertise Center, and Energy Management Directors are responsible for dealing with issues that have a significant impact on efforts to combat climate change such as using electricity more efficiently, planning renewable energy investments, preventing refrigerant leakage, and installing next-generation refrigeration systems. Fulfillment of these targets associated with these issues directly contributes

5-15% of the points on which these executives' annual performance bonuses are based.

Both the Bodrum Maya Migros and the Alaçatı Macrocenter stores have been awarded LEED Gold certification in recognition of their superior environmental-management and energy-efficiency practices.

During 2024, a total of TL 1.24 billion was spent on projects to help combat climate change such as solar power, water-based refrigeration systems, automation, next-generation system conversion, and water management etc.

In line with its goal of continuously improving the positive impact it creates, Migros measures the environmental consequences of its operations.



Extensive Combat Against Climate Change



Migros sets its carbon emissions reduction environmental targets so as to be compatible with its own sustainability strategies while also being aligned with the principles of the Paris Climate Agreement and global initiatives and with national targets. Migros is advancing confidently towards both its 2030 targets and 2050 carbon net zero goal through its efforts in such critical areas as combating climate change, making its water and energy consumption more efficient, supporting sustainable agriculture practices, and combating food waste. The methodology on which Migros bases its carbon-reduction efforts

to combat climate change has been recognized by the **Science-Based Targets Initiative (SBTi)** as being scientifically valid and compatible with international frameworks. Migros is the first food retailer in Türkiye whose near and net zero targets have been fully approved by SBTi. In 2024, Migros was awarded an “A” rating—the highest possible—in the **Climate Change program** of the **Carbon Disclosure Project (CDP)**, a highly respected global environmental reporting platform, thus achieving **Global A Leader** status for the second year in a row. Migros has been designated a CDP Climate Leader 6 times.

Carbon Footprint Works Towards Suppliers

The carbon footprints of the products sold by Migros constitutes the largest proportion of the company’s Scope 3 emissions. For this reason the company created its **Sustainable Business Partners Network (SBPN)** to serve as a platform for working together with its suppliers to quantify their current emissions and to set and achieve reduction targets. Migros continued to make active use of this platform in 2024.

Migros deploys SBPN to keep track of the carbon emission, water-consumption, waste-generation, and similar environmental parameters of the makers of Migros private-label goods and of suppliers of other merchandise whose combined sales generate 80% of its turnover so as to help them set their own targets and to monitor their target-fulfillment performance. During 2024, the employees of about 100 suppliers were given training and guidance on how to correctly and effectively use the SBPN system. Of all the suppliers who were invited to digitally submit data to the system, 150 also reported their carbon emissions performance.

Performance & Targets

The Migros Board of Directors has committed the company to reducing Migros’ direct carbon emissions and monitors overall performance. The Science-Based Targets Initiative has confirmed that the company’s near and net zero targets are compatible with the 1.5 °C scenario, are scientifically sound, and are mutually consistent.

Accordingly, the target to reduce Scope 1 and Scope 2 carbon emissions by an absolute 42% by 2030 compared to 2020 has been updated to 42.65% (an

average annual reduction of 4.2%). As part of this process, a target has also been set to reduce Scope 3 emissions from purchased goods and services (Category 1) by 32.5% by 2033. Migros is making meaningful progress towards achieving its goal of becoming carbon net zero by 2050. In 2024, Migros registered an absolute year-on-year reduction of 2% in its Scope 1 and Scope 2 (market-based) emissions; the SBTi-compliant absolute reduction since base-year 2020 is 16.4%. Migros’ 2024 Scope 1, 2 & 3 emissions were independently verified compliant with the ISO 14064-3 standard. The company’s Greenhouse Gas Emissions Verification Statement is presented in the **Appendices** to this report.

Migros’ net-zero target has qualified the company for admission to the United Nations’ Climate Action Leaders **Race to Zero (RtZ)** global campaign. Migros is a member of the **Consumer Goods Forum’s (CGF) Net Zero Coalition**. The coalition’s aim is to accelerate the consumer goods industry’s transition to net-zero emissions.

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Greenhouse Gas Emissions by Scope and Years

Source	2020	2021	2022	2023	2024
Scope 1* (mt CO ₂ e)	268,001	234,659	243,587	257,792	269,998
Scope 2** (mt CO ₂ e) Market-based	236,014	246,291	216,972	172,092	151,495
Scope 2** (mt CO ₂ e) Location-based	254,658	274,256	275,976	278,792	306,253
Scope 3*** (mt CO ₂ e)	98,561	9,567,159	13,541,363	8,463,653	8,674,543

* Calculated using IPCC AR5.

** The market-based accounting methodology uses emission factors from electricity suppliers to calculate emissions. The results include the impact of using renewables. Default thermal values recommended by the IPCC are used as the basis for calculations.

*** More comprehensive calculations have been carried out by taking into account the 15 categories of the GHG Protocol since 2021. The Ecoinvent database, IPCC National Greenhouse Gas Inventory, DEFRA, and EPA have been used to calculate purchased goods emissions since 2023.

Source	2024 Total Emissions (tCO ₂ e)	Source	2024 Total Emissions (tCO ₂ e)	
Scope 1*	269,998	Category 1*	Direct Greenhouse Gas Emissions and Removals	269,998
Scope 2** (Market-based)	151,495	Category 2**	Indirect GHG Emissions from Imported Energy (Market-based)	151,495
Scope 2** (Location-based)	306,253	Category 2**	Indirect GHG Emissions from Imported Energy (Location-based)	306,253
Scope 3	8,674,543	Category 3	Indirect GHG Emissions from Transportation	301,920
		Category 4	Indirect GHG Emissions from Products Used by an Organization	5,823,754
		Category 5	Indirect GHG Emissions Associated with the use of Products from the Organization	2,495,351
		Category 6	Indirect GHG Emissions from Other Sources	53,518
Total (Market-based)			9,096,036	
Total (Location-based)			9,250,794	

A detailed report about the Greenhouse Gas Emissions Verification Statement and details of upstream and downstream indirect greenhouse gas emissions are all presented in the **Appendices** to this report.

Corporate Greenhouse Gas Emissions by Category

In addition to classifying and calculating its greenhouse gas emissions as Scopes 1, 2 & 3 as per the GHG Protocol, sustainability-index expectations, and GRI standards, in 2024 Migros also classified and calculated them as Categories 1 through 6 as per the ISO 14064-1:2018 standard.

Ecofriendly Refrigeration Systems

Because a significant percentage of Migros' Scope 1 emissions are generated by its refrigeration systems, the company gives precedence to efficient natural refrigerants and to new, next-generation systems to reduce such emissions. A **Water-Based Refrigeration System** that Migros developed to prevent refrigerant leakages has been awarded **Utility Model Certification**. By circulating chilled water rather than gas through refrigerated cabinets and displays, this system reduces leakages by 90%. The refrigerant itself is used only to chill the water.

Water-based refrigeration systems were installed at another 39 locations in 2024, bringing the total number where they are currently in use to 326. Migros plans to expand the rollout of these systems to other company locations as well.

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Energy-Efficiency Initiatives

During 2024 Migros engaged in a comprehensive effort to increase its energy-efficiency and to cut back the carbon emissions of its operational processes. Consumption data from refrigeration, air conditioning, and lighting systems is continuously monitored through a central automation system. This allows energy use to be tracked in real time so that improvements can be quickly made when necessary to reduce overall environmental impact.

Migros' energy use is measured and recorded on a daily, weekly, and monthly basis. The company neither consumes nor sells secondary-sourced energy produced by heating, cooling, or steam-

generating systems. Precedence is given to roofing materials and coatings that more efficiently reflect sunlight so as to reduce heat-island effects. This has the additional benefit of conserving energy by reducing the need for air conditioning to maintain comfortable temperatures inside buildings. Also, daylighting systems are installed in stores to save electricity by making the most of natural sunlight.

As of the end of 2024, 25 locations have obtained the **Energy Management System** certificate under **ISO 50001**, and energy audits have been completed. In 2024, electricity accounted for 95% of total energy consumption, amounting to a total of 736,324 MWh.

Energy Consumption by Source (MWh)*

Source	2020	2021	2022	2023	2024
Electricity (Non-Renewable)	506,359	528,407	493,119	387,418	339,277
Electricity (Renewable)	40,000	60,000	134,413	242,501	355,924**
Natural Gas	14,890	12,681	12,199	14,938	16,103
Diesel	11,050	11,398	13,070	15,886	14,883
Gasoline	3,129	4,116	5,940	10,226	10,137
Total	575,428	616,602	658,741	670,969	736,324

* Shows distribution of indirect energy consumption. When solar is excluded, total indirect energy consumption in 2024 amounts to 730,400 MWh.

** Shows 5,924 MWh of renewable energy generated by rooftop solar panels at the Adana, Diyarbakır, Muğla, and Torbalı distribution centers, MİGET, and Kocaeli Derince 5M Migros plus 350,000 MWh of YEK-G certified renewable energy.

Renewable Energy

Seeing energy management as a major component of its overall sustainability strategy, Migros undertakes projects to increase its use of renewable energy resources. Particular attention is given to the use of solar power as investments in this resource also contribute to climate change mitigation efforts.

Solar panels installed on the roofs of the company's Adana, Diyarbakır, Muğla, and Torbalı Distribution Centers, MİGET, and Kocaeli Derince 5M Migros store generated a total of 7,382 MWh of electricity in 2024. 5,924 MWh of this was consumed where it was generated; the remaining 1,458 MWh was supplied to the national grid. Additionally, in 2024, Migros initiated a solar power plant investment in Kırşehir with an installed capacity of 34.4 MWp. The plant commenced electricity production in March 2025. Moreover, the company documented that it procured 350,000 MWh of electricity in 2024 from renewable energy producers certified under the Renewable Energy

Guarantee of Origin (YEK-G) system. As a result, 51% of the electricity consumed during the year, corresponding to a total of 355,924 MWh, was sourced from renewable energy. Migros has set itself the goal of sourcing a third of the energy it uses from solar by end-2026.

Green IT Practices

Migros' green information technology (IT) approaches to improve energy efficiency and conserve natural resources also continued in 2024. Accordingly, the following initiatives were implemented in 2024:

- The installation of 254 virtual servers prevented the consumption of 38,000 kWh of electricity
- The shutdown and replacement of 158 hardware servers eliminated the need to use 1,037 Central Processing Units (CPU) and prevented the consumption of 3,500 kWh of electricity.

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- 80.6 tons of electronic devices were decommissioned and sent to be recycled after being replaced with more sustainable Green IT alternatives.
- The replacement of outdated air conditioning at the Ataşehir data center saved 130,000 kWh of electricity. The replacement of old storage platforms and servers saved another 28,000 kWh.
- Nearly 170,000 meetings have been moved to an online system, thereby reducing travel related to meetings.

Electricity-conservation projects in 2024 achieved savings of 13,428 MWh in energy consumption and 6,800 kg in refrigerant use.



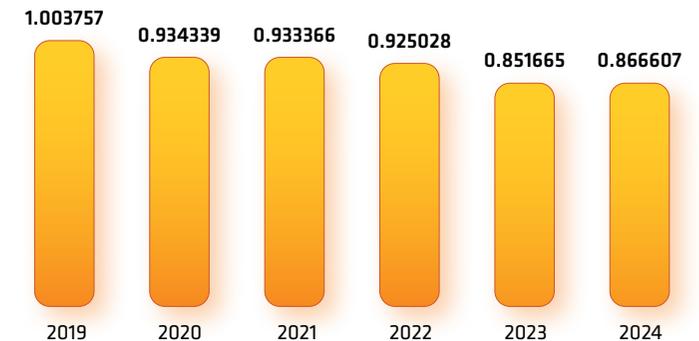
Performance & Targets

Migros uses daily electricity consumption per square meter of sales area as a key metric to measure its energy savings and efficiency targets. The target, which has been approved at the Board of Directors level, is to reduce this consumption value by 35% by the end of 2030 compared to the baseline year of 2019. As of end-2024, the cumulative base-year 2019 improvement was 13.7%. In addition, actions taken in 2024 resulted in energy savings of 13,428 MWh and refrigerant gas savings of 6,800 kg. These efforts prevented the emission of 32,747 tCO₂ associated with electricity and refrigerant gas consumption. The financial savings achieved through these actions have been calculated at TL 75 million.



2024 Projects and Practices	Energy savings (MWh)	Refrigerant savings (Kg)	Carbon Emission Savings (tCO ₂)
Old and end-of-life air conditioning replaced in 277 stores	7,000	-	3,094
Lighting, air conditioning, and cooling automation projects in 356 stores	504	-	223
Refrigeration group replacements in 102 stores	-	4,800	18,926
Water-based refrigeration systems installed in 39 stores	-	2,000	7,886
Solar power plants	5,924	-	2,618

Daily Electricity Consumption per m² of Sales Area (kWh)



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Sustainable Distribution Systems

Migros strategically selects sites for its distribution centers and warehouses taking into account both store locales and production areas. This method shortens delivery times and increases efficiency by optimizing the routes and distances that need to be traveled. As of end-2024, the company had 57 distribution centers (retail, wholesale, e-commerce) and 16 production/packaging facilities (for products such as fresh produce, meat, and legumes).

Fresh-produce deliveries to stores are reviewed and changes are made to improve operational efficiency. All vehicles used for delivery are equipped with refrigeration units and temperature-monitoring data loggers. Vehicle temperatures are monitored bi-directionally via remote tracking systems, and pre-cooling procedures are standardized before products are loaded. Distances between distribution centers and stores are regularly analyzed to optimize delivery routes, and

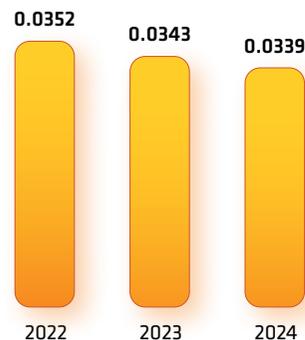
new distribution centers are strategically located in the most efficient areas.

Products are shipped to stores aboard fully-loaded vehicles consistent with the company's centralized distribution strategy. More efficient, collapsible and reusable crates are used to ship perishables (fresh produce and raw meat) wherever possible.

To reduce the environmental impact of Migros distribution center shipment operations, Migros has set itself the target of reducing the average CO₂ emissions by a single transport vehicle by 2.5% by 2030 compared to 2023. In line with efficiency efforts carried out in 2024, a reduction of 1.17% was achieved.



CO₂ Emission per Unit Transported in Distribution Center Shipments (kgCO₂e)



As of end-2024, Migros had 57 distribution centers and 16 production/packaging facilities.



Sustainable Water Management

Performance Indicator	Target year	Target	2024 performance	Status by Target	Base year /Status
Store water withdrawal (m ³ /m ² .day)	2030	10%↓	0.001395 m ³ / 1.1%↓	In progress	2023 / 0.00141 m ³

Migros engages in a comprehensive effort to use water efficiently and to minimize the environmental impact of wastewater resulting from the conduct of its operations. Quantities of water consumed at all the company's operational and business units (stores, head and branch offices, production facilities, and distribution centers) are monitored and reported to senior management at regular intervals. Efforts are made **to reduce water withdrawal** by using high-efficiency equipment designed to require less of it. In addition, efforts are made to prevent groundwater depletion by controlling the amount of water drawn from wells. 90.8% of the water used in operations is supplied by local municipal water mains; only 9.2% comes from wells. Efforts are made to ensure that water discharged by company operations causes no obvious degradation in the quality or biodiversity of water sources.

A total of 1,380,699 m³ of water was withdrawn from all sources for use in all the company's operations in 2024. Water loss through evaporation in supermarkets' service-provision and fresh seafood sections corresponded to 10% of that. Total discharged water amounted to 1,242,629 m³, 99.7% of which was released into local municipal sewer systems. Wastewater from MiGET and from the Gebze, Torbalı, and Kemalpaşa distribution centers is treated to reduce contaminant levels far below regulatory requirements before being discharged. MiGET, Gebze, Torbalı distribution center wastewater is discharged into local

municipal sewer systems; Kemalpaşa distribution center wastewater is discharged into a Nif Creek.

In localities where it has an operational presence, Migros uses the **WRI Aqueduct Water Risk Atlas** as a tool for assessing its operations' exposure to water risk and to protect critical water resources and identify water stress. As a result of analyses carried out in 2024, Migros has determined that 81.5% of its total water withdrawn is derived from water used in 2,902 business units located in water-stressed areas. Having assessed the economic dimensions of its overall water-risk exposure caused by the 31 stores that make the biggest contribution to its total annual turnover, headquarters units, 11 distribution centers, 4 fruit/vegetable warehouses, Macro Homemade Production Plant, MiGET, and breeding farm, Migros made plans to improve their environmental and economic impact. A WRI Aqueduct Water Risk Atlas assessment reveals that 75.4% of Migros' suppliers are located in water-stressed areas. Water-risk issues are included in suppliers' ethical compliance audits. In 2024 Migros suppliers were provided with training resources to help them manage their exposure to water risk. Efforts to mitigate water risk are among the issues checked and followed up in suppliers' audits. The red meat, corn, rice and sugar products that Migros supply from its critical suppliers are all sourced from water-stressed regions. The company procures nothing containing cotton, soy beans, or palm oil from any supplier that is based in a water-stressed area.



Migros uses the WRI Aqueduct Water Risk Atlas as a tool for assessing its operations' exposure to water risk.

Sustainable Water Management



Migros qualified for inclusion in the CDP Water Security Program's Global A List in 2024. The company has been included in the ranks of CDP Water Leaders four times.

Water Efficiency Studies

Migros seeks to improve its overall productivity by optimizing the use of water in the conduct of its operations. In 2024 the company set up a Migros Water Committee consisting of representatives of departments responsible for such functions as environmental management, construction, maintenance, accounting, sales, and sustainability management. This committee is charged with reviewing operational processes and for automating the detection of water leaks and the collection of water-use data. Water-consumption performance in like-for-like stores is benchmarked against each other and individually on a twelve-month basis. If too much water is being used, the reasons are investigated and corrective action is taken.

Migros has made it mandatory for grease traps to be installed in all newly-opened stores if they have seafood sections and on the water-discharge outlets of all food preparation & service areas in stores located within shopping malls. Grease traps and strainers were installed at 20 newly-opened or renovated Migros stores in 2024.

Water tanks are installed at stores that frequently suffer water outages. In 2024, 60 tanks were installed and plumbing was improved in stores whose mains pressure was deemed to be too low. Timed faucets and aerators are used to improve water efficiency in all stores. 500 time adjustable faucets and aerators were installed in 2024. The company decided that only dual-flush toilets with 2.5-5 liter cisterns would be installed in its stores from now on.

The water footprint of Migros private-label products (1 kg kaşar cheese, 1 kg Uzman Kasap skinpacked beef tenderloin) was calculated to be 168,296 m³ in 2024.

Performance & Targets

Migros has set itself the goal of reducing its base-year 2023 average water withdrawal per square meters of sales area by 10% by 2030. As of 2024, the cumulative reduction was 1.1%. Migros' water footprint is independently verified for compliance with the **ISO 14046** standard. The Water Footprint Verification Statement is presented in the **Appendices** to this report.

In 2024 Migros qualified for **Global A Leader** status when it was awarded an "A" rating—the highest possible—in the "Water Security" program of the **Carbon Disclosure Project (CDP)**. Migros has been designated a CDP Water Leader four times.

Daily Water Withdrawal Amount per m² of Sales Area (m³)

