

Our Effective Waste Management & Supporting the Circular Economy

GRI 3-1, GRI 3-2, GRI 3-3, GRI 306-1, GRI 306-2, GRI 306-3



LESS
PACKAGING



WE CREATE VALUE BY WORKING WITH OUR STAKEHOLDERS IN ALL WASTE MANAGEMENT PROCESSES AND **BY SUPPORTING THE CIRCULAR ECONOMY.**


Our company aims to use natural resources efficiently. We follow the waste hierarchy that recommends reducing the waste at its source in the first place, and then reusing it whenever possible, and encouraging recycling. We set strategic targets to make our waste management more effective. We create value by working with our stakeholders in all waste management processes and by supporting the circular economy.

In accordance with the **Zero Waste Regulation** published by the Ministry of Environment, Urbanization, and Climate Change, we focus on reducing waste at its source and supporting our suppliers in minimizing throw-away packaging. Distribution centers and stores that adhere to our strict waste management practices are eligible for the Ministry's Zero Waste Certification. We are actively involved in working groups for the Ministry's project to establish a beverage-container deposit system.

Migros is continuously increasing its investment in research and development to address the sustainability issues that are at the heart of the Migros Better Future Plan. In 2022, Migros **invested TL 900,000 in R&D** focused on preventing or reducing environmental pollution, waste, and non-productive resource use.

Quantity and Types of Packaging Waste Recycled (tons)

Packaging Waste Types and Quantity Recycled in 2022 (tons)	
Wood	7,586.6
Glass	47.4
Paper	9,803.7
Metal	1,760.5
Plastic	634.4

* A table of waste quantities for 2019, 2020, 2021, and 2022 classified by disposal method and potential hazardous/non-hazardous risk is presented in the "Annexes"  section of this report.

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Plastic waste reduction

Performance indicator	Target year	Target	2021 – 2022 performance
Reduce plastic bag weights	2023	Prevent 330 tons of plastic waste	330 tons
Reduce plastic waste in supplier shipments	2023	Promote use of reusable container crates and prevent 30 tons of plastic waste	23.7 tons
Improve private-label product packaging	2021	Determine packaging content and recyclability of all private-label products	Analyzed 585 private-label products; packaging of 83% of them is recyclable
	2023	Gradually improve recyclability of low-recyclable packaging	In progress
	2025	Reduce and improve packaging in 10 private-label products	82.83 tons
		Reduce plastic consumption by 25 tons by using r-PET as 25% of non-food product packaging	26.6 tons (r-PET used in packaging of 6 products)
Reduce styrofoam tray use	2023	Reduce styrofoam (EPS) use by 50% across all operations	In progress
Use cardboard for Macrocenter packaged fruits and vegetables	2023	Prevent 40 tons of plastic waste	Transitioned to 100% recyclable PET trays.
OMO Refilling Unit project			0.2 tons

Migros is a signatory of the **Business Plastic Initiative**, which was established by Global Compact Türkiye, TÜSİAD, and BCSD Türkiye. As part of this initiative, Migros has committed to reducing plastic use by 493 tons by the end of 2023. Through process improvements and collaborations, Migros has successfully prevented 463 tons of plastic waste since 2021.

As of January 1st, 2019, according to the regulation published by the Ministry of Environment, Urbanization, and Climate Change, plastic shopping bags have been required to be sold and not given away for free. In response, Migros conducted awareness and information campaigns to help customers understand the reasons for this regulation and to encourage them to switch to environmentally friendly reusable bags. As a result of these efforts, the use of plastic bags was down by 55% in 2022 compared to 2018. In addition, Migros **sold 2,257,495 environmentally friendly reusable bags** in 2022. Migros also gives customers the option of earning loyalty points through Mobile Money to reduce plastic consumption resulting from using Money cards. In 2022, Mobile Money points were used in 65% of all transactions with Money cards.

#BagFreeShoppingMovement

In 2021, we launched the **Bag-Free Shopping Movement** in all Migros and Macrocenter stores, inviting customers to avoid using plastic bags when shopping. To express our gratitude to customers who supported this campaign, we partnered with the Aegean Forest Foundation to

ENVIRONMENTALLY FRIENDLY REUSABLE BAGS

MİGROS SOLD 2,257,495 ENVIRONMENTALLY FRIENDLY REUSABLE BAGS IN 2022.

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plant 10,000 trees in Manisa Yunt mountain. In 2022, Migros continued the Bag-Free Shopping Movement with a lottery campaign. This campaign reduced customers' plastic shopping bag use by 21% compared to the same period in 2021. In late 2022, Migros launched a pilot project offering customers in selected areas the option of **bag-free shopping** through Migros Sanal Market. Their orders are delivered in eco-friendly reusable bags that are collected and disinfected before being used again.

In 2022, Migros celebrated World Environment Day on June 5th with the support of the Ministry of Environment, Urbanization, and Climate Change. On this day, Migros gifted 750,000 reusable shopping bags to customers who shopped at its physical stores, Migros Sanal Market, and Migros Hemen. In its awareness-raising for consumer communication campaigns, Migros registered close to 260,000 social media shares.

Refilling Unit project in partnership with OMO

In partnership with laundry detergent maker OMO, we have installed a liquid detergent plastic bottle **Refilling Unit** at our Ataşehir MMM store. This project aims to reduce plastic waste and prevent the need to produce new plastic by allowing customers to bring their empty OMO bottles to the store and refill them with detergent at a lower price. This helps customers reduce their plastic footprint.

To use the Refilling Unit, customers scan the barcode of their empty bottle at the machine. The machine then detects the size of the bottle and refills it with the appropriate amount of detergent. The Refilling Unit offers three different refill options: 910 ml, 1,690 ml, and 1,950 ml. Once the refill is complete, the machine prints a new barcode for the bottle. Customers then pay for the refill using the new barcode. The Refilling Unit was used over 7,000 times in 2022.

Self-service Dried Fruits and Nuts Dispenser

Self-service dried fruits and nuts dispensers (Jet Reyon) are being rolled out in stores as part of an in-house corporate intrapreneurship project. These units allow customers to purchase the exact amounts they want without having to interact with anyone. They also help reduce packaging waste because customers bring their own containers to the store.

These dispensers have been installed in our stores in Metrogarden and Perla Vista Shopping Malls. Due to their economic and ecological benefits, we intend to install them in other locations as well.



A BAG-FREE SHOPPING OPTION

WE PROVIDED A BAG-FREE SHOPPING OPTION TO OUR CUSTOMERS THROUGH THE ONLINE APPLICATION AND STARTED DELIVERY WITH REUSABLE ENVIRONMENTAL BAGS.

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Eco-Friendly Packaging For our Private-Label Products

In 2021, we conducted a **Private-Label Package Indexing** project to analyze the packaging of all of our private-label products. For products with recyclable packaging, we added information to the product description on Migros Sanal Market indicating the degree of packaging recyclability. For products with non-recyclable or insufficiently recyclable packaging, we are working with their suppliers to improve packaging recyclability. The Private-Label Packaging Indexing project found that 83% of our private-label packages are recyclable. We have added information about this to the product descriptions of 488 products on Migros Sanal Market. Detailed information about packaging materials of our private-label products are provided in the “**Annexes**”  section of this report.

In 2022, we continued our efforts to reduce plastic use by increasing the number of our private-label products using 25% r-PET (recycled PET) packaging to six by adding two detergents to the existing products. We used a total of **18.10 tons of recycled plastic**. This resulted in a **74% of energy saving**. Our goal is to increase the number of products using r-PET to 10 by 2025. We also completed the transition from PP ready trays to lower-weight PET-thermoformed trays for our Master Butcher line of meat products. This reduced our total one-year plastic use by two tons.

Waste-Collection and Recycling Projects

We have installed separate bins at our stores for the collection of packaging waste (paper, plastic, metal), organic waste, batteries, and used cooking oil. Customers can bring these materials to our stores for disposal. We properly sort all of these materials and send them for recycling. In 2022, we collected and recycled 19,833 tons of packaging waste.

Migros Sanal Market customers can also turn over used cooking oil and discarded batteries to delivery personnel bringing them their orders. In 2022, 138 kilograms of batteries and 290 kilograms of used cooking oil were picked up from Migros Sanal Market customers. In total, 36.9 tons of used cooking oil and 3.8 tons of discarded batteries were collected from all Migros operations and delivered to the authorized disposal firms. The collection of used cooking oil prevented the pollution of 40 million m³ of water. The collection of discarded batteries prevented the contamination of 993 thousand m³ of soil. In 2022, we also collected 133 tons of discarded electrical and electronic appliances and turned them over to firms licensed by the Ministry of Environment, Urbanization, and Climate Change.

Second-Chance Toys Counter

As part of our approach supporting ‘Reuse’, toys that can’t meet our sales criteria because of any damages, are collected, repaired, and re-sold. In 2022, 589 toy items collected from 17 stores were put on sale at “**Second-Chance Toys Counters**” in our 5M Gaziemir and 5M Balçova stores.

RECYCLING 19,833 TON PACKAGING WASTE

WE COLLECT PACKAGING WASTE, ORGANIC WASTE, BATTERIES AND USED COOKING OIL IN OUR STORES, SORT THEM AND RECYCLE TOGETHER WITH THE WASTES RECEIVED FROM OUR CUSTOMERS.



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Migros Eco-Hangers

Our private-label **Eco-Hangers**, which are made entirely from materials collected from our stores and distribution centers and recycled, went on sale at 5M stores in 2022. The Eco-Hanger is a truly circular-economy product because it is 100% recyclable after use.

World Environment Day Coast-Cleaning

To raise public environmental awareness, Migros and Macrocenter personnel gathered and picked up trash from fifteen Marmara, Aegean, Mediterranean, and Black Sea coasts on World Environment Day.

Cleaning up the sea with TURMEPA

We support the **Turkish Marine Environment Protection Association's** (TURMEPA) efforts to prevent sea pollution by collecting used cooking oil from our customers and turning it over to licensed firms for recycling. In 2022, through Migros' support, TURMEPA D-MARIN marine sanitation vessel collected 262,000 liters of wastewater and preserved the cleanliness of 2.1 million liters of seawater.

Migros & Duracell Used Battery-Collection Project

Taking part in the '**Duracell Turns Your Waste Batteries Into Goodness**' project, we collected over 3 tons of discarded batteries in designated battery disposal & recycling bins in our stores. This helped provide more than 600 white canes to visually impaired individuals in need.

Migros Up and OTTAN Studio recycled nutshell project

Migros Up and OTTAN Studio partnered to create shelves from recycled walnut and hazelnut shells from the unprocessed walnuts and hazelnuts sold in Migros stores. These shelves were used to display M Life private-label products, creating economic value from waste and raising awareness of environmental protection.

Bookcases Made From Pistachio Shells

Partnering with Nestlé, ten bookcases made from recycled pistachio shells were donated to village schools in Gaziantep. The bookcases were funded by a portion of the proceeds from the sale of Nestlé Damak products at our stores and Migros Sanal Market.

100% RECYCLABLE

THE ECO-HANGER IS A TRULY CIRCULAR-ECONOMY PRODUCT BECAUSE IT IS 100% RECYCLABLE AFTER USE.

