Environment

Materiality

Reducing Environmental Impacts

Background

Environmental issues such as climate change adaptation and mitigation, water resource conservation, and biodiversity preservation represent some of the most pressing challenges facing the global community. In the healthcare market, rising temperatures may expand the prevalence of tropical diseases, while air pollution may increase the incidence of respiratory illnesses—both factors that could drive up healthcare costs and place additional strain on medical infrastructure. As a global company, Sysmex recognizes that addressing the intensifying environmental challenges is one of our most critical priorities. Climate change poses significant risks to the stable supply of products and the resilience of supply chains through large-scale natural disasters and droughts. At the same time, initiatives such as developing environmentally conscious products and enhancing transportation efficiency also creates opportunities to strengthen our competitive advantage. These initiatives not only represent an essential aspect of our corporate responsibility but also serve to reduce environmental impacts and contribute to the realization of a sustainable society.

Policies

In accordance with our environmental policy — "By shaping the advancement of healthcare, our global environmental conservation activities contribute to the creation of a fulfilling and healthy society" — we established Sysmex Eco-Vision 2033 in May 2023. This is the long-term environmental vision that the Sysmex Group strives to achieve by 2033, in which we will take on the challenges of green innovation together with our stakeholders and utilize Sysmex's unique strengths to co-create new common standard toward the realization of a circular society.

▶ Environmental Policy

Structure

Under the supervision and management of the Environmental Management Officer (Member of the Managing Board and Senior Executive Officer), appointed by the President, the Group promotes environmental management with the Environmental Management Committee serving as the central body.

Environment

Environmental Management

Sysmex Eco-Vision 2033

“Sysmex Eco-Vision 2033” Formulated

In May 2023, Sysmex formulated “Sysmex Eco-Vision 2033.” This is the long-term environmental vision that the Sysmex Group strives to achieve by 2033, in which we will take on the challenges of green innovation together with our stakeholders and utilize Sysmex's unique strengths to co-create new common standard toward the realization of a circular society. Furthermore, Sysmex has set new “Carbon Neutral Targets” with the aim of achieving zero emissions of greenhouse gases in real terms from the offices of the entire Sysmex Group by 2040.* We will continue to promote optimization of our operations and energy-saving measures. At the same time, we will implement measures to reduce greenhouse gas emissions, including a gradual switching to renewable energy-sourced electricity at our business offices.

* Applies to direct greenhouse gas emissions due to use of fuel by the company (Scope 1) and indirect greenhouse gas emissions arising from the use of electricity and heat purchased by the company (Scope 2)

Long-Term Environmental Vision

Long-Term Environmental Vision

Recognizing the relationship between the environment and health, we will collaboratively create innovative solutions that will advance the realization of a circular society.

We will transform the value chain into a resource-recycling one by utilizing our strengths to have both instruments and reagents.

We will develop and provide products, services, and solutions to reduce environmental impact.

We will collaborate with stakeholders and take on the challenge of green innovation. We will reduce product loss to zero and promote significant adoption of recycled and environmentally friendly materials.

We will promote CO_2 reduction to achieve carbon neutrality by 2040*. We will work on resource recycling and biodiversity preservation in a unique way, and significantly improve the efficiency of water use and expand the use of raw materials derived from non-animal sources.

We will encourage local environmental conservation activities and contribute to a recycling-oriented society as Sysmex Group.

*Applies to Scope 1 emissions, which are direct emissions of greenhouse gases from the consumption of fuel that the company owns or controls; and Scope 2 emissions, which are indirect emissions of greenhouse gases from the consumption of electricity and heat purchased by the company

Long-Term Environmental Objectives

Long-Term Environmental Objectives

climate change

We will reduce our own **greenhouse gas emissions (Scope 1,2)** by **55%*** by reducing energy consumption per capita and increasing the **ratio of renewable energy** to total energy consumption to over **90%**.

We will reduce our **supply chain greenhouse gas emissions (Scope 3)** by **35%*** by making our products more energy efficient and compact and by innovating our supply chain management.

water

We will reduce **water consumption** by **90 point* per reagent production volume** at our major reagent production sites through more efficient water use.
We will also work to reduce water consumption during instrument use.

resource circulation

We will achieve zero waste of unused in-house products.
We will also reduce **total waste per net sales** by **15%**.*

We will achieve **use rate of recycling and environmentally friendly materials for containers and packaging** by **100%**.
We will also reduce plastic consumption by revising product packaging and utilizing alternative raw materials.

biodiversity

We will expand our lineup of products made from non-animal-derived raw materials.

* The targets of fiscal 2033, taking fiscal 2022 as the base year

Accreditation of near-term target from SBTi

Sysmex Corporation has been approved by the Science Based Targets initiative (SBTi), an international initiative working to overcome the environmental crisis on the basis of climate science, for the Group’s fiscal 2033 greenhouse gas reduction target.

As part of the “Sysmex Eco-Vision 2033,” Sysmex has set reduction targets for its own GHG emissions (Scope 1 and 2) and its supply chain GHG emissions (Scope 3). Among these targets, the Company’s target to reduce its Scope 1 and 2 emissions by 55% was found to be based on scientific evidence in line with a 1.5°C trajectory, while its target to reduce GHG emissions from use of sold products under Scope 3 by 35% was found to be well below the 2.0°C level. Furthermore, our newly established engagement goal was recognized as promoting 60% of our business partners in purchased goods and services, capital goods, and upstream and downstream transportation and distribution under

Scope 3 to have science-based GHG reduction targets within five years.

With the gap between the global GHG emissions reduction and the 1.5°C target of the Paris Agreement, it is expected that further changes in social demands are to come. Seizing the SBTi certification as an opportunity, Sysmex will continue pursuing CO_2 emission reductions by changing energy procurement at business locations and how sales and services are performed while promoting resource recycling by adopting environmental considerations materials for products. We will further promote its decarbonization efforts by implementing green innovation based on the ingenuity built by combining the wisdom of the entire Group.

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

https://sciencebasedtargets.org/

Information Disclosure Based on TCFD・TNFD

Since the adoption of the TCFD recommendations in 2021, Sysmex has been working on climate change initiatives under our Eco-Vision. In July 2025, we adopted the TNFD recommendations, which aim to promote the nature-related risk management and information disclosure, and registered as a TNFD Adopter. By taking an integrated view of issues related to climate change and natural capital, and advancing comprehensive assessments of risks and opportunities, we will strengthen sustainable initiatives based on resource conservation and resource circulation, balancing positive impacts on our business activities with the preservation of the natural environment.

General Requirements Based on TNFD Recommendations

Application of Materiality

In addition to Sysmex's materiality, which is defined from the perspective of impact on both social and corporate values, we have adopted double materiality that takes into account dependencies and impacts on climate change and natural capital.

Scope of Disclosure

The scope covers not only the Sysmex Group's business activities but also the entire value chain in assessing risks and opportunities. For natural capital, priority evaluation targets are selected based on resource use and emissions in relation to production volumes, as well as dependencies and impacts in our business activities. Further aspects will be added as appropriate going forward.

Regions with Nature-related Issues

In accordance with the definition of areas requiring attention, we assess our business sites, including adjacent areas using the WWF Biodiversity Risk Filter and the water risk assessment tool, Aqueduct, along with our own environmental performance data. Monitoring is continuously conducted in collaboration with local sites.

Integration with Other Sustainability Issues

Since climate change and natural capital mutually influence one another, we adopt an integrated approach with the disclosures already made under TCFD.

Time Frame

The timeframes for the manifestation of risks remain unchanged: short-term, within 1 year; mid-term, up to 3 years; and long-term, up to 10 years.

Regional Engagement

Based on our Human Rights Policy, we position consideration for the environment as part of a company's overall responsibility. In natural capital evaluation, we conduct communication with local governments and other stakeholders in areas surrounding our business sites to confirm and understand the environmental burden on these regions.

▶ Materiality
▶ Human Rights Policy

TCFD TASK FORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURES

TNFD Taskforce on Nature-related Financial Disclosures

Governance

Sysmex promotes initiatives to address environmental issues such as climate change and natural capital through the Environmental Management Committee, which meets regularly under the management and supervision of the Environmental Management Officer (Takashi Ono, Member of the Managing Board and Senior Executive Officer). Activity status and important matters related to the plans are deliberated and decided at management meetings, such as the Steering Committee, under the supervision of the Managing Board.

▶ Environmental Initiatives to Realize a Sustainable Society

Strategy

Taking into account integrated scenarios[1] under the TCFD and TNFD, which reflect the interrelationship between climate change and natural capital, as well as the Eco-Social Strategy which is the basic strategy for our long-term corporate strategy, Sysmex re-assessed risks and opportunities across all Group businesses[2] in 2025. The financial impact of risks and opportunities was evaluated in three stages, based on the impact on operating profit in fiscal 2033. Regarding natural capital, Sysmex applied the LEAP approach recommended by the TNFD to evaluate dependencies and impacts, identifying "freshwater" and "soil" as natural capital to be recognized. We are strengthening initiatives for the conservation and sustainable use of these resources.

*1 External scenario tools used: AR6 (SSP1-1.9, SSP5-8.5), The IPR FPS + Nature, IEA (STEPS, NZE), Aqueduct Water Risk Atlas.

*2 The analysis was conducted not only for the Group but for the entire supply chain including upstream (raw material procurement, distribution, etc.) and downstream (use of products, etc.)

Implementation of the LEAP Approach Evaluation

Sysmex conducted an evaluation based on the LEAP approach recommended by the TNFD.

From both the Company's and external perspectives, we organized the environmental impacts across the product value chain in our diagnostics business, taking into account our business model, sales composition ratio, and industry classification (SICS), and verified geographic information of business sites. We then cross-checked with ENCORE, the SBTN Materiality Screening Tool, and the High Impact Commodity List.

For regional risk evaluation, we utilized the Biodiversity Risk Filter and Aqueduct to identify regions where natural capital could be significantly impacted, extracting freshwater and soil as priority areas of risks and opportunities.

Furthermore, based on the integrated TCFD and TNFD scenarios, we used two quadrants of different temperature ranges and worldviews to assess future impacts. Through discussions with relevant departments based on the results, we confirmed and organized the relationship between business activities in priority regions and natural capital.

Going forward, we will expand the scope of regions subject to evaluation and strategically advance initiatives that contribute to the preservation and restoration of natural capital (freshwater and soil).

Extract what we want to check	Confirmation of the company's perspective	Third-party perspective confirmation	Determining dependencies and Impacts	Assessing risks and opportunities	Report preparation
Examined from the following information •Business model •Percentage of sales •Industry Classification by the Sustainable Industry Classification System (SICS) ↓ Extraction of diagnostics business (Instrument and reagents)	Organize the environmental impact of the product value chain and check the data and geographical information of business sites ↓ Confirmation of the appropriateness of the priority area of the production and R&D bases that support the diagnostics business	Dependency and Impact screening •ENCORE •SBTN's Materiality Screening Tool •Cross-referencing with SBTN's High Impact Commodity List Investigating Connections with Regions Prone to Negative Impacts •Biodiversity Risk Filter • Aqueduct ↓ It is suggested that there is a connection with areas with a high risk of "water". In particular, attention to India and China is the result. Recognizing that detailed confirmation based on local conditions is indispensable for effective judgment	Overlay the results suggested by checking the company's own perspective and a third-party perspective to identify **"targets"** to confirm risks and opportunities. ↓ Finalize the heatmap	Consider TCFD and TNFD integration scenarios •Selection of two quadrants with different temperature zones and worldviews Assessing risks and opportunities and considering countermeasures •Consultation with relevant departments •**Consideration of activities that lead to the maintenance of natural capital** SBTN AR3T frame •**Assessing the impact of business sites in priority regions**	Disclosure in accordance with TNFD guidance

Identification of Dependencies and Impacts

For the extracted target areas, we organized and evaluated, from both the Company's and external perspectives, the presence and magnitude of dependencies on natural capital and impacts from our business activities.

Materiality Evaluation (Heat Map)

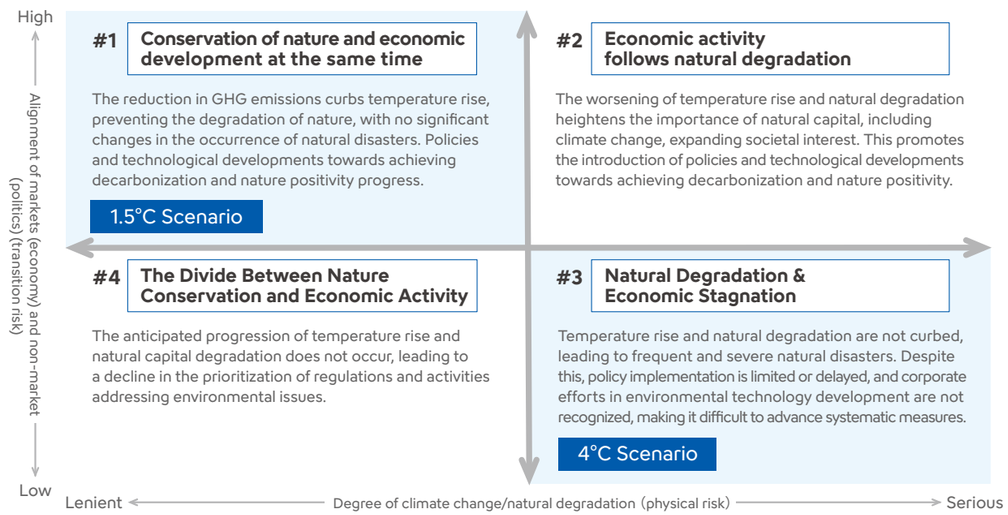
			Instrument	Reagent
Dependence	Soil	**Soil protection/ Erosion prevention**	—	Middle
	Fresh water	**Groundwater**	—	High
		Surface water	—	—
		Water cycle	—	Middle
	Ecosystem	Genetic material	—	—
Influence	Resource utilization	**Water use**	—	High
	Pollution	Air pollution	—	—
		Soil pollution	Middle	Middle
		Solid waste	Middle	Middle
		Water pollution	Middle	Middle
	Obstruction	Noise and light pollution	—	—

Evaluation of Risks and Opportunities

Based on the organization of dependencies and impacts, we evaluated risks and opportunities using two future scenarios that integrate natural capital and climate change, and examined potential responses. Toward achieving nature-positive outcomes, we organized activities that contribute to the preservation of natural capital under the AR3T framework for natural capital advocated by SBTs for Nature (SBTN).

Scenario Analysis

Select scenarios #1 and #3, which offer different worldviews, from future scenarios that integrate climate change and natural capital.



Risks and Opportunities

Risks to environmental issues

Risk	Category	Possible Risks[1]	Impact period[2] Financial impact	Initiatives[1]
Transition Risks				
Policy	Climate change Natural capital	Product supply will become difficult as a result of the prohibition of certain substances and technologies due to regulatory changes.	Mid- to long-term Low	RA/QA divisions have been established at each regional headquarters, and respond to the laws and regulations of each country Conduct regular risk assessments of raw materials and ensure a stable supply by considering switching to alternative raw materials.
Market	Climate change	Energy and raw material costs, as well as global logistics costs, will increase.	Short- to long-term High	Reduction of energy costs through the introduction of renewable energy, energy-saving measures and equipment efficiency, expansion of the scope of concentrated reagent products with high transportation efficiency, and development of borderless logistics networks.
Technology	Climate change Natural capital	Shifting to materials and technologies with low environmental impact will lead to an increase in R&D costs and capital investment. It will be difficult to commercialize products that comply with environmental regulations at the expected timing.	Mid- to long-term Low	Promote the development of products and technologies based on laws and regulations, customer requirements, and market and industry trends, and systematically replace them with environmentally friendly materials.
Reputation	Climate change Natural capital	Changes in customers' environmental awareness will lead to criticism of the environmental impact of our products and reduce demand.	Mid- to long-term High	Promote environmentally-friendly planning and design, as well as technological and product development, such as the use of a system that utilizes customer feedback for product development and quality improvement (VOC), and the development of horizontally recyclable reagent containers.
Physical Risks				
Acute	Climate change Natural capital	Large-scale natural disasters can cause damage to factories and disruptions in supply chains, making it difficult to provide a stable supply of products and services.	Short- to long-term High	Based on the Business Continuity Plan (BCP), we will build a distributed production system in the vicinity of the consumption area, and diversify risks by securing the purchasing and supply system of raw materials, transportation routes, and securing safety stocks.
Chronic	Climate change Natural capital	Regional shortages of water due to drought will disrupt the stable supply of products.	Mid- to long-term Middle	Reducing the risk by periodically monitoring water-related risks and establishing BCPs.

*1 Blue text: Added

*2 short-term: 1 year, mid-term: ~3 years, long-term: ~10 years

Opportunities Related to Environmental Issues

Opportunity/ Category	Envisioned Opportunities[1]	Impact period[2] Financial impact	Initiatives[1]
Resource Efficiency			
Climate change	Optimization of use of transportation methods and operations using IoT.	Short- to long-term High	Promote CO_2 reduction through digitalization of global logistics processes, remote services, and digitization of product-related information such as package inserts and display values.
Climate change Natural capital	Review of packaging and product design will lower raw materials costs and waste.	Short- to long-term High	We will reduce waste and recycle resources by conserving resources by reviewing packaging materials and forms, replacing them with plastic-free materials, expanding the scope of dry ice-free ultra-low-temperature transportation, reducing product loss to zero, and converting resources discharged in manufacturing and development processes into valuable materials.
Energy Source			
Climate change	Reduction of energy costs through energy saving and shifting to low-carbon energy, which will improve social evaluation.	Mid- to long-term Low	Reduce energy consumption through energy-saving measures, improving the efficiency of facilities, introducing renewable energy, acquiring ZEB certification, switching company cars to fuel-efficient vehicles, and promoting the switch to existing products that consume high electricity.
Products & Services			
Climate change Natural capital	Changes in long-term disease trends due to the deterioration of the natural environment will create new testing opportunities and expand the demand for testing.	Mid- to long-term Middle	Promote the development of products that contribute to the control of infectious diseases such as malaria and antimicrobial resistance (AMR), and the strengthening of cooperation with public health policies using digital technology.
Market			
Climate change Natural capital	Changes in customers' purchasing attitudes will create opportunities to create new products and services, such as increased demand for environmentally friendly products and products that can be used in any emergency.	Mid- to long-term Middle	Promote the development of energy-saving and miniaturized products, circular economy products that make use of energy-saving and resource-saving technologies, and extending the shelf life of diagnostic reagents.
Reputation Capital			
Climate change Natural capital	Initiatives on climate change and natural capital and information disclosure will increase evaluation and expectations in financial markets.	Short- to mid-term Low	Disclosure of environmental information based on TCFD and TNFD compliance, as well as the Sysmex Sustainability Data Book, etc.
Resilience			
Climate change Natural capital	A stable supply of products and services in the event of a natural disaster improves customer trust.	Mid- to long-term Middle	Implement a global supply system and backup system through multiple raw material procurement measures.

*1 Blue text: Added
*2 short-term: 1 year, mid-term: ~3 years, long-term: ~10 years

Activities that lead to the maintenance of natural capital (freshwater and soil)

SBTN AR3T Classification*	Maintenance of water resources	Maintenance of soil function
Avoid	—	• Review of materials and forms related to containers and packaging • Application of FSC-certified paper to reagent cosmetic boxes • Digitization of product-related information such as package inserts and display values
Reduce	• Expansion and distributed production of concentrated reagent products • Reduction of water consumption in the production process	• Zero product loss (recycling of unused products) • Extending the shelf life of reagents
Restore • Regenerate	—	• Development of horizontally recyclable reagent containers • Conversion of waste resources into valuable materials in production and development processes
Transform	Development of environmentally friendly technologies and green impact products	

* SBTN AR3T：Act – Science Based Targets Network

▶ For details of each initiative, see “Resource Circulation in Product Lifecycle”
▶ For evaluation of the impacts of business sites in priority regions, see “Involvement with Biodiversity”

Management of Risks and Impacts

As part of the Company’s risk management structure, the Internal Control Committee is organized under the Managing Board meeting and chaired by the President, with the Environmental Management Committee positioned as one of its subordinate bodies. The Environmental Management Committee reviews environmental risks and opportunities, including those related to climate change, twice a year and allocates necessary initiatives to relevant departments. The committee also monitors the progress of these initiatives.

From a mid- to long-term perspective, the Environmental Management Committee identifies significant environmental risks with potentially high impacts on business once every few years and implements countermeasures. The results are reported at the management meetings, chaired by the President, and are incorporated into the companywide risk evaluation led by the Internal Control Committee.

▶ Risk Management

Metrics & Targets

Sysmex has set forth Sysmex Eco-Vision 2033 and sustainability targets to promote the non-financial goals defined in the “Declaration of Achieving Carbon Neutrality by 2040”* and in the long-term corporate strategy, which runs through the fiscal 2033.

With respect to natural capital, indicators and targets are determined in line with the TNFD recommendations, reflecting the results of the evaluations conducted through the LEAP approach. These are integrated into the Company’s overall non-financial targets and centrally managed together with other environmental goals.

Specifically, Sysmex has established the following: reduction of greenhouse gas emissions as a climate change-related target; reduction of water consumption per unit of reagent production volume at major reagent production sitesas a natural capital-related target; elimination of product loss (keeping the disposal rate of unused Sysmex products below 0.1%); and complete substitution with recycled or environmentally friendly materials. Sysmex will continue advancing initiatives across all stages of the product lifecycle—from R&D through production, logistics, and disposal.

* Targeting net zero greenhouse gas emissions from Group business sites by 2040 (Scope 1 and Scope 2).

▶ See Status of Sustainability Targets “Reducing Environmental Impact”
▶ Environmental Performance Data

Environmental Management System

Group Environmental Management System

▶ "1. Governance" of Information Disclosure Based on TCFD • TNFD

Status of ISO 14001 Certification

Sysmex is working toward the acquisition of ISO 14001, the international standard for environmental management systems, by the Group's principal affiliated companies.

As of March 31, 2025, 20 Group companies had acquired ISO 14001 certification, and these companies account for approximately 70% of the net sales of the Group.

By centralizing the environmental activities of certain Group companies, we are working to ascertain the state of progress on activities and issues as well as reinforcing management activities, and three companies (Sysmex Corporation, Sysmex RA, and Sysmex Medica), accounting for nine locations, have obtained integrated certification. As a result, we are now able to systematically share information related to environmental management.

List of ISO14001 Certified Locations

Region	Company
Japan	Sysmex Corporation, Sysmex Medica, Sysmex RA
Americas	Sysmex America, Sysmex Reagents America, Sysmex Brazil
EMEA*	Sysmex Europe, Sysmex Deutschland, Sysmex France, Sysmex Espana,Sysmex UK, Sysmex Belgium, Sysmex Nederland, Sysmex Nordic, Sysmex Hungaria
China	Sysmex Wuxi, Jinan Sysmex
AP	Sysmex Asia Pacific, Sysmex India, Sysmex Australia

* EMEA: Europe, the Middle East, and Africa

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ISO 14001:2015
www.tuv.com
ID 0910589004

▶ For details, refer to ID 0910589004 on www.tuv.com/japan/en/
The applicable scope of activities and website vary according to the standard.

Conducting Environmental Auditing

In line with environmental management system requirements, we perform regular internal and external environmental audits at locations that have obtained ISO 14001 certification. In fiscal 2024, there were zero cases of nonconformities in both internal environmental audits and external environmental audits at our domestic Group locations with integrated certification.

Environmental Education

Conducting Environmental Education and Training

Sysmex conducts general education for all employees to foster an awareness of the impact of the Group's environmental activities and individual operations. We conduct specialized training to raise operational knowledge for individuals designated by their divisions as personnel responsible for environmental management system promotion. We also conduct specialized and emergency response training for each division, as necessary.

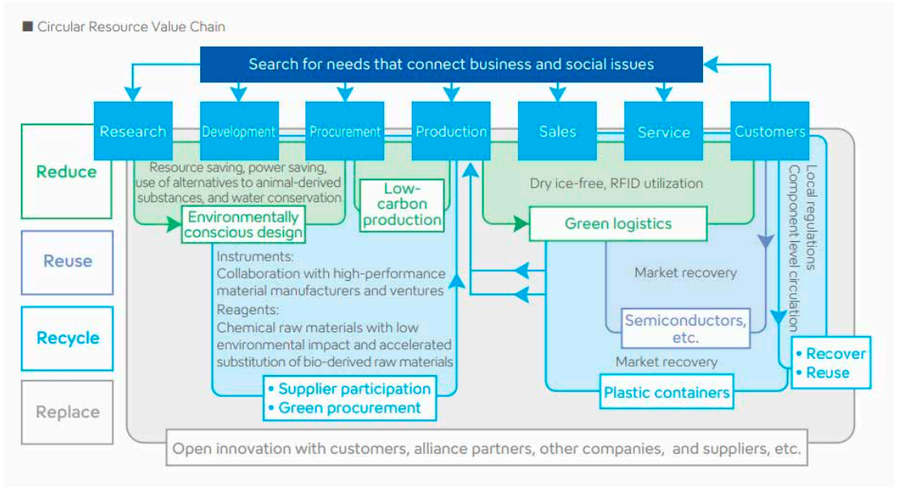
In fiscal 2024, we provided general environmental e-learning training for all employees at our business offices with integrated ISO certification. We also held seminars on laws and regulations for staff members in charge of business offices and those in the product lifecycle departments.

Environment

Resource Circulation in Product Lifecycle

Product Lifecycle and Initiatives at Each Stage

Sysmex undertakes a variety of initiatives at all stages of its business activities to reduce environmental impact throughout product lifecycles, with a focus on dependencies and impacts. From fiscal 2023, in addition to our activities to date, we are promoting activities to realize a circular resource value chain based on our Eco-social Strategy, which has been outlined as one of our core strategies in the long-term corporate strategy.



Environmentally Conscious Research and Development

Energy Saving and Miniaturization of Products

Sysmex's product lifecycle management regulation specifies environmental considerations at each stage of the lifecycle. Following this guideline, we develop products that help reduce energy use and waste for our customers, such as energy-efficient analyzers and concentrated reagents.

Compared to previous products with similar functions, the sample transportation system modules for the hematology analyzer released in 2021 are smaller in width by 15% and use 40% less electricity. Our fully automated urine particle analyzer launched in 2022 is 30% smaller and uses 10% less of the required cleaning solution per measurement than conventional units. It also consumes 30% less electricity, realizing an eco-friendly design.

Downsizing
height −24cm, depth −28cm
Footprint
30% reduction
Electricity consumption
30% reduction
Cleaning solution
10% reduction
* Comparison with previous instruments

Internal Program "Environmental academy" to Promote Green Innovation

Starting in fiscal 2024, Sysmex launched an internal program "Environmental academy." In this program, leaders mainly from the R&D divisions engage in discussions to realize environmentally conscious product design. From fiscal 2025, the program will be expanded to include major divisions in the value chain, positioning environmental impact reduction as a key factor in new product development and model changes, thereby promoting green innovation through the practice of the Eco-social Strategy.

▶ Status of Sustainability Targets

Development of Non-Animal-Derived Products (Biodiversity Considerations)

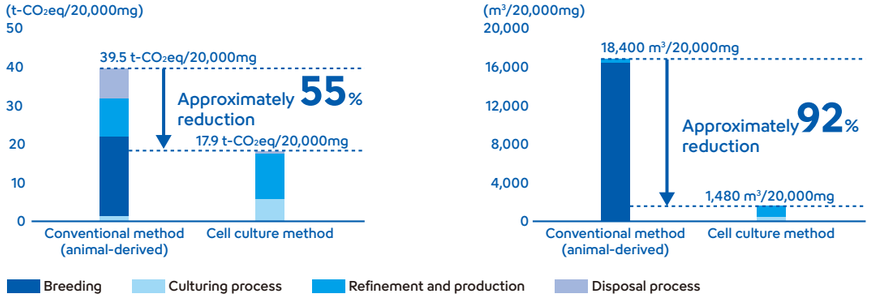
To reduce the use of natural resources, Sysmex Corporation has established a method of producing animal-derived proteins that can be deployed for diagnostic agents. The technique uses silkworms or cultured cells. In the past, producing these substances consumed a great deal of energy. However, as silkworms can be raised indoors and only need to be fed artificial food in containers, we can ensure a stable supply and quality of the substances. We are also able to save energy and reduce carbon dioxide emissions, water consumption, and waste.

Production of ingredients using silkworms

We use genetically modified proteins produced from silkworms as ingredients for a reagent for hemostasis tests launched in fiscal 2017. This reagent, which uses genetically modified proteins as ingredients, is the first in Japan to obtain manufacturing and marketing approval. Furthermore, for other reagents, we are considering the development and application of new raw materials utilizing gene-recombinant technology, and are working to expand our product lineup with consideration for biodiversity.

To quantify the environmental impact of the change in the production method, we conducted a lifecycle assessment jointly with Professor Norihiro Itsubo of Tokyo City University (currently of Waseda University). The assessment confirmed that the new process reduces carbon dioxide emissions by more than 50 percent compared with conventional methods.

Environmental Impact of Switching from Conventional Method to Cell Culture Method



Environmentally Conscious Procurement

Promoting Green Procurement

Sysmex has established Green Procurement Standards, which set out the Company's fundamental stance on environmental considerations in procurement activities. We promote the procurement of raw materials and parts that have a low environmental impact. We are expanding our business with suppliers who act to protect the environment. We also conduct annual CSR surveys of each supplier to confirm that they have environmental management policies in place, as well as targets and plans for CO_2 reduction and energy conservation.

At the procurement policy briefing in 2023, we introduced our Eco-social Strategy. We also requested collaboration from suppliers in reducing CO_2 emissions and implementing various environmentally friendly measures, and recognized suppliers that achieved progress in environmental initiatives.

In working to reduce Scope 3 emissions, we have set engagement targets to encourage suppliers to obtain SBTi certification or establish equivalent targets, and Sysmex has also received certification from SBTi.

Toward achieving these engagement targets, in fiscal 2024, we held a study session for suppliers to share the importance of obtaining SBTi certification, setting reduction targets, as well as best practices in reduction initiatives. Approximately 130 suppliers participated in this session.

▶ Procurement Policy
▶ Green Procurement Standards
▶ Supply Chain Management

Chemical Substance Management of Products

Sysmex complies with regulations governing chemical substances in each country and region, including RoHS Directives that restrict the use of certain hazardous substances in electrical and electronic products, and the Stockholm Convention (POPs Convention), which internationally regulates persistent organic pollutants.

To comply with these regulations, we have set standards to manage the chemical substances in our products. This includes managing environmentally hazardous substances in the components, devices, and reagent solutions that make up the products we produce and sell.

▶ Containing Prohibited Substances (Products)
▶ Containing Substances Scheduled to be Prohibited (Products)
▶ Containing Controlled Substances (Products)
▶ Containing Prohibited Substances (Chemicals)
▶ Containing Substances Scheduled to be Prohibited (Chemicals)
▶ Containing Controlled Substances (Chemicals)

Environmental Consideration in Product Transportation, Sales, and Services

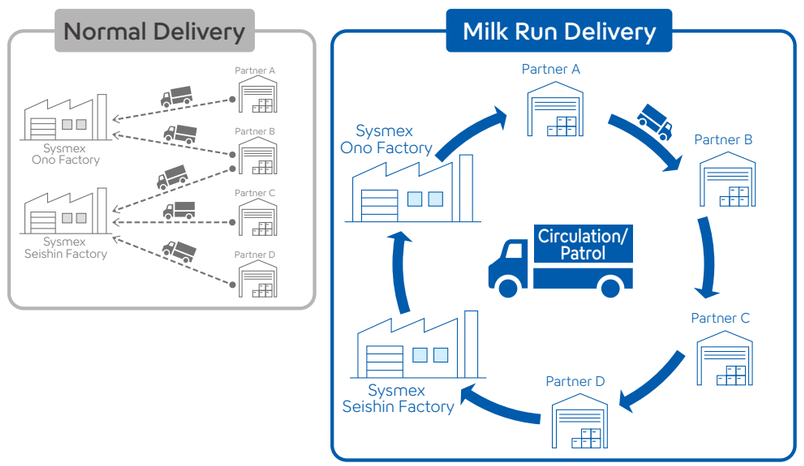
CO_2 Reduction Through Modal Shifts and Manufacturing Transfer

Sysmex is working to reduce CO_2 emissions in distribution by shifting to transportation methods with lower environmental impact. Specifically, we are promoting modal shifts from air to sea transport and from truck to rail transport.

We are also engaged in joint transportation with companies from other industries and in considering efficient global transportation routes. Furthermore, by transferring production facilities for reagent products, we are shortening transportation distances between facilities and thereby reducing CO_2 emissions associated with logistics.

For the transportation of reagent raw materials and instrument components, we have introduced the "milk run method" (a system in which a single vehicle makes scheduled rounds to multiple business partners for collection and delivery), thereby reducing CO_2 emissions through improved vehicle operation efficiency.

Progress is also being made in transferring production facilities. At Sysmex Wuxi, in addition to reagent products, we have achieved in-house production of reagent containers with complex structures that were previously outsourced, in collaboration with local suppliers and following several years of development.



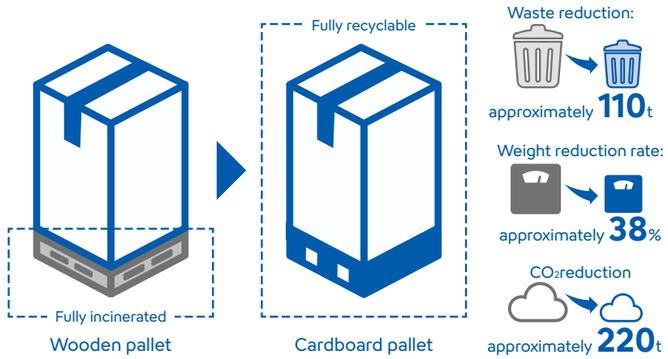
CO_2 Reduction with Dry-Ice-Free and Consolidated Cargo Transportation

Sysmex previously transported reagents for gene testing and quality control materials for clinical chemistry testing, which require strict quality and temperature control, using dry ice. However, this posed issues such as environmental burden from CO_2 emissions, as well as risk of frostbite due to ultralow temperatures, and carbon gas poisoning.

In 2021, together with Yamato Transport Co., Ltd., we developed a consolidated cargo transportation system at an ultra-low temperature of -70°C for reagents for gene testing that was dry-ice-free. Furthermore, in 2022, we achieved completely dry-ice-free transportation of quality control materials for clinical chemistry testing in cooperation with Toho Pharmaceutical Co., Ltd. In 2024, we expanded this initiative to other distributors, delivering to over 200 customer facilities dry-ice-free, thereby contributing to CO_2 emission reductions and improved safety.

Saving Resources by Reviewing Distribution Packaging

Sysmex promotes resource conservation by reviewing distribution packaging with the aim of balancing environmental protection and business growth. For example, by switching from wooden pallets used under the outer boxes of instrument products to environmentally friendly cardboard pallets, we have reduced waste and cut CO_2 emissions during transportation through weight reduction. Conventional wooden pallets had to be incinerated in their entirety because separating the wood and cardboard was burdensome. However, switching to cardboard pallets has made recycling possible. From fiscal 2022 to fiscal 2024, this initiative reduced waste by approximately 110 tons and CO_2 emissions by approximately 220 tons, making a significant contribution to transportation efficiency and reducing environmental impact. These results contribute to achieving the goals of our Eco-Vision and represent an important step toward a sustainable future.



In addition, for overseas transportation of bio-diagnostic reagent, we are reducing waste by promoting the reuse of refrigerants. In transportation from Japan to China, reuse was implemented, and in fiscal 2024, we achieved a reduction of 5.7 tons of waste.

Recycling of containers and packing and utilization of environment compliance materials

Sysmex is continuing initiatives to substitute all materials used in product containers and packaging with recyclable and environmentally friendly alternatives. For product containers, we have switched to reagent boxes made from FSC-certified materials, while for packaging, we have introduced cardboard containing recycled paper and replaced vinyl cushioning materials for parts with paper-based cushioning. As a result of these efforts, the usage rate of environmentally friendly materials for containers and packaging reached 62% in fiscal 2024, exceeding the Mid-Term Plan target of 60%. For fiscal 2025, we have raised the target to 65% and will continue promoting these initiatives.

Group companies are also advancing environmentally friendly product packaging. At Oxford Gene Technology Inc., the “Green packaging project” was launched, realizing a new product package that reduces plastic usage by approximately 97% compared with previous packaging.

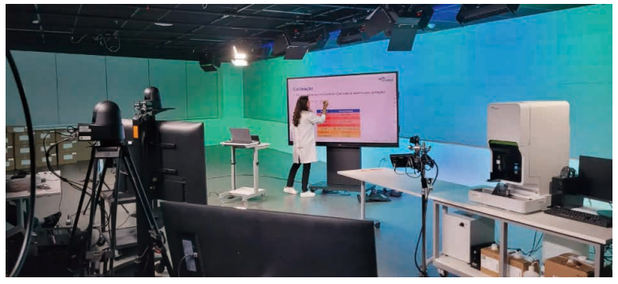
Initiatives at Group Companies: Collaboration with Distribution Partners Considering the Environment

In its selection criteria for distribution partners, Sysmex Europe includes a certified environment management system and the use of green distribution. HITADO, a Sysmex Group company, selects distribution partners who proactively use renewable energy and electric vehicles, while Sysmex Malaysia uses reusable vacuum insulation boxes for product transportation requiring thermal management, reducing CO_2 emissions by saving electricity and generating less polystyrene box waste. In addition, Sysmex Turkey stores products in external warehouses with solar panels installed and undertakes other initiatives to reduce environmental impact in collaboration with its partners.

Company	Initiatives
Sysmex Reagents America	• Replace ingredient transportation boxes with reusable containers • Work with business partners to change packaging for raw materials to recyclable containers
Sysmex Europe Other affiliates in the EMEA region	• Select logistics partners that actively use renewable energy and electric vehicles • Store products in external warehouses equipped with solar panels • Consider consolidation and combination of shipment/transportation to reduce the frequency of transportation • Use recyclable vegetable fiber for reagent containers • Consider the use of alternatives to polystyrene foam boxes for cold storage • Replace polystyrene foam cushioning materials with paper scrap • Replace plastic packing tapes with paper-based tapes • Reuse packages and cushioning materials
Sysmex Malaysia	• Use reusable vacuum-insulated boxes for transporting temperature-controlled products
Sysmex Australia	• Utilize reusable insulated containers which enable management at the recommended cooling temperature when transporting products requiring thermal control

Environmental Consideration in Product Training

Sysmex is working to reduce CO_2 emissions associated with participant travel by developing and expanding environments that allow user training on instrument operation and maintenance, as well as scientific seminars, to be conducted online in regions around the world. In addition to e-learning, which enables customers to acquire skills anytime and anywhere at their convenience, we also provide highly immersive virtual training through fully equipped online studios, making it possible to deliver standardized, high-quality product training even in regions far from training centers.



Furthermore, Sysmex offers training programs in virtual environments for the Company’s and distributors’ technical service staff and application support staff to acquire specialized product skills. By increasing the ratio of training provided online, we are promoting both high customer satisfaction and the reduction of CO_2 emissions.

▶ Enhancing Customer Satisfaction

Environmental Considerations in the Use and Disposal of Products

Industry-First to Obtain Certification for Closed-loop Recycling of Reagent Containers under the Plastic Resource Circulation Act

In January 2025, Sysmex became the first in the industry[1] to begin closed-loop recycling[2] of plastic reagent containers. While this had previously been considered difficult in the healthcare industry due to quality requirements, Sysmex has made this possible by securing recycled resins that meet medical-grade standards, thereby realizing the re-materialization of used plastic reagent containers. This initiative will contribute to reduce virgin resin consumption for container materials (by approximately 30%) and lowers CO_2 emissions associated with disposal of used containers (by around 15 tons annually)[3].

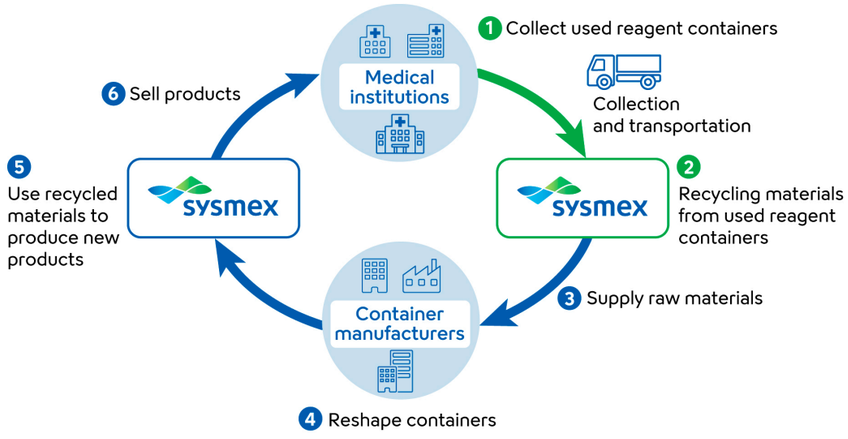
Furthermore, in June 2025, Sysmex has obtained certification for its business plan for "collection and recycling by manufacturers and retailers" under the Act on Promotion of Resource Circulation for Plastics ("Plastic Resource Circulation Act").

This certification will exempt us from obtaining a license from each local government to collect industrial waste when the company collects used plastic reagent containers from medical institutions nationwide. Thus, our business plan to recycle used plastics (five tons per year) will be accelerated. It will also become possible to expand the range of items that are made by closed-loop recycling, which will contribute to reducing costs. Going forward, we will continue to strive to realize a sustainable, circular resource society.

*1 Sysmex research

*2 A recycling method in which used products are re-used as raw materials to manufacture the same type of products again

*3 This is an estimate by Sysmex, based on the information from the manufacturer, that 500g of CO_2 is generated when 160g of a similar plastic container is incinerated, multiplied by the amount of used containers generated by our company.



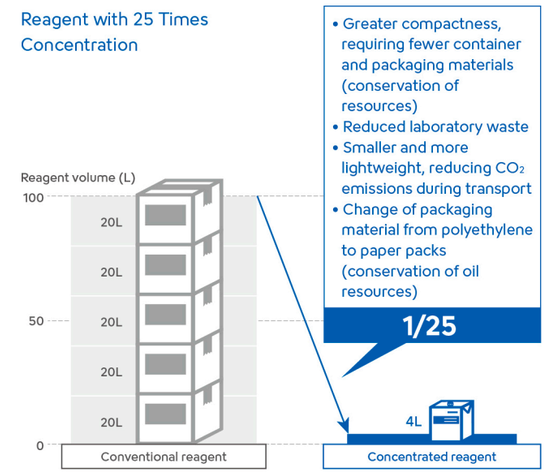
Saving Resources by Recycling Parts

Since 2023, Sysmex has been selling maintenance parts from analyzers as valuable materials instead of disposing of them. Beginning in 2024, we have also been selling analyzers that were damaged during transportation and could not be marketed as valuable materials. As a result of these efforts, we reduced waste* by 10.3 tons in fiscal 2024.

* Calculated by assuming all waste as plastic and using the industrial waste conversion factor set forth by the Ministry of the Environment

Reducing environmental impact and improving usability through concentrated reagents

For some analysis devices in the hematology field, Sysmex provides reagents that are 25 times more concentrated than traditional ones. Employing these concentrated reagents contributes significantly to improving usability by reducing the frequency of reagent replacement in laboratories and saving warehouse space. Additionally, concentrated reagents enable us to care for the environment by not only reducing the amount of disposed containers and packing materials but also reducing CO_2 emissions during transportation. Lastly, we have set a concentrated agent penetration rate as a sustainability target and will work on initiatives to reduce the environmental impact.



Enhancing Safety and Environmental Considerations Through Methanol-Free Staining Solution and Compatible Instruments

Sysmex has initiated a new program to harmonize healthcare workplace safety and environmental sustainability. Evaluations of blood cell morphology in blood testing have been made using methanol-containing staining solutions to prepare blood smear samples. However, medical institutions have encountered significant challenges, including the health risks to medical professionals from methanol toxicity, rising costs associated with regulatory compliance, and environmental burdens posed by hazardous substances.

To resolve these issues, Sysmex has launched a methanol-free staining solution and corresponding instruments,* providing a solution that supports safe and secure laboratory operations. This will reduce the health risks associated with the use of methanol and will also reduce the costs and risks associated with its transportation and storage, thus contributing to improved operational efficiency at medical institutions. Furthermore, reducing harmful substances will lead to reduction of environmental impacts.

We remain committed to integrating solutions that harmonize healthcare safety with environmental responsibility across our products and services, thereby strengthening stakeholder trust and enhancing corporate value.

* The initial release is scheduled for selected regions in Europe and the United States, with subsequent expansion to additional markets.

Environment

Reduction in Environmental Burden through Business Activities

Involvement with Biodiversity

Sysmex considers it essential to address "natural capital," including water, forests, and soil, alongside climate change countermeasures, and pursues an integrated approach to these challenges. In 2025, based on the recommendations of the TNFD, we identified freshwater and soil as natural capital most relevant to our business activities in terms of dependencies and impacts. Considering our resource usage and production scale, we selected three sites in Japan for an environmental impact assessment. We evaluated the effects on nearby areas and assessed Sysmex's actions and their effectiveness in using resources properly. The assessment found no significant environmental impacts on the surrounding areas. In the future, we plan to gradually increase the number of sites we assess.

Impact Assessment of Three Sites in Japan

Site	Main dependencies and influences		Impact on the community
Technopark	Fresh water	Use of groundwater	No adverse effects on the surrounding area, such as land subsidence, have been confirmed due to its use. Establish a continuous monitoring system for proper management of water resources and reduction of water consumption, such as reporting to Kobe City once every two months.
Ono factory	Fresh water	Use and discharge of water resources	Compared to the amount of water distributed by the municipality, the impact on the community is limited. The annual usage and emissions tend to decrease.
	Soil	Use of plastic containers	Compared to the total production of plastic materials in Japan, the amount used is extremely small, and the impact on the environment is limited. Further reduction in consumption is expected through horizontal recycling and substitution of environmentally friendly materials.
i-Square	Soil	Use and disposal of metals (Iron)	Compared to the total amount of iron produced in Japan, the impact on the environment is limited as a very small amount of iron production. With a recycling rate of 96% and the conversion of waste into valuable materials, we are making effective use of resources at a high level.

▶ Click here for disclosures based on the TCFD and TNFD recommendations

Initiatives to Reduce Greenhouse Gas Emissions

Efforts to Reduce Greenhouse Gas Emissions at Business Sites

Sysmex is working on energy conservation through the introduction of equipment such as highly efficient air conditioning systems, LED lighting, and motion sensors, as well as demand-control systems for measuring and monitoring the amount of electricity needed to reduce direct and indirect greenhouse gas emissions from our business sites.

In fiscal 2023, all electricity used by major domestic facilities, including reagent production factories and R&D centers, was switched to renewable energy sources. Sysmex RA, one of the Group's key factories, received Net Zero Energy Building (ZEB[1]) certification under the Building-Housing Energy-efficiency Labeling System (BELS[2]) for its new facility, which is scheduled to begin operations in April 2025.

Sysmex Europe's reagent production factory has introduced ice thermal storage air conditioning systems[3], in addition to having solar panels installed, covering approximately 35% of energy requirements for reagent production. In addition, Sysmex business locations in EMEA[4] and the Americas have been increasing their usage of electricity derived from renewable energy.

Sysmex America has formed a cross-departmental Green Team to promote environmental activities with a view to obtaining LEED certification[5] for its head office. It has also installed charging ports for electric vehicles, improved LED lighting, and installed solar panels, continuing to undertake various initiatives to acquire certification.

*1 ZEB (Net Zero Energy Building): A building that aims to achieve a net zero annual volume of primary energy consumed and generated by installing highly efficient facilities systems to realize significant energy savings (energy conservation) while still maintaining the quality of the indoor environment and introducing renewable energy (energy creation)

*2 BELS (Building-Housing Energy-efficiency Labeling System): A system to label energy saving efforts of buildings in accordance with the Act on the Improvement of Energy Consumption Performance of Buildings (Buildings Energy Efficiency Act)

*3 Thermal energy storage technology using ice

*4 Europe, the Middle East, and Africa

*5 LEED evaluates the environmental performance of a building from the viewpoints of environmental burden reduction and the health of its users. Evaluation items include the efficiency of water usage, optimization of energy use, conservation of resource materials, and building air quality.

New Factory (Sysmex RA)

Major Initiatives at Each Business Site

Initiative	Company	Details
Increase the efficiency of equipment and facilities	Sysmex Corporation	• Switch to highly efficient air conditioning and LED lighting • Increase productivity through a production optimization initiative
	Sysmex CNA	• Use LEDs for all lighting
	Sysmex America	• Use LEDs for all lighting
	Sysmex Europe	• Use LEDs for lighting in major reagent-filling rooms • Introduce motion sensors
	Sysmex Asia Pacific	• Use LEDs for lighting in factories and warehouses • Introduce a control panel that puts the equipment to sleep to save energy when the air compressor is not in use
	Sysmex India	• Use LEDs for lighting in factories
	Jinan Sysmex	• Use natural gas boilers (switching from oil boilers) • Switch from gas boilers to air-source heat pumps for indoor heating during the winter and to heat raw water
	Sysmex Wuxi	• Save energy with restrictions to air conditioning temperature settings
Introduce renewable energy	Sysmex Corporation	• Install solar panels • Save energy by bringing in natural light (i-Square) and use electricity from renewable energy sources
	Sysmex America Sysmex Reagents America	• Use electricity from renewable energy sources • Switch to 100% carbon-neutral natural gas
	Sysmex Europe	• Install solar panels • Use electricity from renewable energy sources (all electricity)
	Sysmex UK	• Install solar panels
	Jinan Sysmex	• Install solar panels
Raise employee awareness	Sysmex Europe	• Provide incentives for using trains for business trips, establish an in-house website for car sharing, and provide bikes for commuting
	Sysmex Malaysia	• Provide incentives to employees who use hybrid vehicles for commuting
	Sysmex India	• Ensure that all personal vehicles used by employees to commute are PUC certified*
	Sysmex Brazil	• Switch to biofuel for company vehicles

* Acronym for "Pollution Under Control," which certifies that vehicle emissions are below pollution regulation standards.

Decreasing CO_2 Emissions from Company Vehicles

In order to control fuel consumption and reduce CO_2 emissions for the approximately 400 company vehicles in Japan, Sysmex Corporation has installed telematics services in the form of drive recorders in each vehicle to enable visualization of driving quality, such as each car's eco-drive status and compliance with laws. It also conducts eco-driving training for all employees to improve the environmental awareness of each driver. With these activities being evaluated highly, Sysmex received a certificate of excellence in the fiscal 2024 Eco-Driving Activity Contest sponsored by the Foundation for Promoting Personal Mobility and Ecological Transportation. It has also promoted the replacement of its company vehicles with those that have greater fuel efficiency. By the end of fiscal 2024, approximately 60% of all our vehicles were replaced with hybrid or fuel-efficient vehicles.

We are also promoting the introduction of environmentally friendly vehicles and fuels across its global operations. Sysmex Brazil uses biofuels derived from sugarcane for its company cars and is expanding the use of electric vehicles for deliveries from its own warehouses to customers. Sysmex UK has eliminated diesel vehicles and replaced all company vehicles with hybrid models.

Using Water Resources Efficiently

Reducing Water Consumption

Sysmex uses water as a raw material in reagent production. Both tap water and groundwater are used. Recognizing that reducing water use is an important issue, Sysmex has set targets for decreasing water use in our Eco-Vision 2033, and it is making efforts to improve the efficiency of water use at reagent production sites.

At the Ono Factory, a reagent production factory, Sysmex has successfully reduced the number of line cleanings by increasing the number of consecutive production runs for the same product, after thoroughly confirming there would be no impact on product quality. In addition, by reviewing production processes, we have developed technology to recover and commercialize the reagents without discarding remaining liquid in the piping. These initiatives have contributed to reducing water use and lowering environmental impact from waste liquid.

Major Initiatives at Each Business Office

Company	Initiatives
Sysmex Corporation	• Reduce water consumption by improving production efficiency at diagnostic reagent production factories • At Technopark, draw water from wells for use in greenery and toilets, with usage amounts monitored appropriately
Sysmex Asia Pacific	• Improve its ultrapure water plant to recycle RO water (purified water), utilizing times when the plant is not in operation • Reduce water consumption by monitoring efficiency of purified water production equipment • Reduce consumption of water used to wash production facilities after reagent production
Sysmex India	• Recycle water generated in the production process for use as irrigation water • Install at the new factory a zero liquid discharge system* that aims to eliminate water discharge outside the factory site
Sysmex Brazil	• Recycle water generated in the production process for use as domestic water • Modify cleaning system for purified water production equipment that operates 24 hours a day to operate only on weekdays
Sysmex Wuxi	• Set a target for reducing water consumption, assign an officer dedicated to environmental, health, and safety issues, and conduct periodic environmental, health, and safety inspections • Review and optimize processes and cycles for water use in production to enhance efficiency and reduce consumption

* A system that purifies and reuses wastewater from factories through multiple treatment methods, thereby eliminating wastewater discharge outside the factory premises.

New Production Base in India

Wastewater Management and Processing

Sysmex prioritizes the protection of water quality. We have created our own emission standards that we use to manage the wastewater from development centers and factories that use chemical substances, ensuring that waterways and groundwater are not affected.

Major Initiatives at Each Business Office

Company	Initiative
Sysmex Corporation	• Introduce a system to set off an alarm in the event that BOD (Biochemical Oxygen Demand) standards are exceeded at the Ono Factory, a diagnostic reagent production plant, preventing waste fluid containing organic matter from spilling out
Sysmex RA	• Introduce waste fluid processing equipment, making infectious waste fluid harmless by heat sterilization, and discharge the harmless fluid directly into the sewage system
Sysmex America	• Introduce a wastewater processing system to remove boron-containing substances from waste fluid generated during reagent production
Sysmex Asia Pacific	• Introduce a wastewater processing system to purify waste fluid generated during reagent production before discharging it to the sewage system
Jinan Sysmex	• Commission third-party institutions to appropriately process recyclable waste, such as waste drums and waste paper generated during the production process

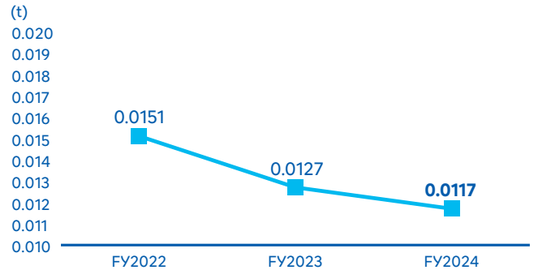
Managing and Recycling Waste

Reducing Waste and Promoting a Stable Recycling Rate

Sysmex carries out initiatives to reduce waste and increase recycling rates. At our research and development base, Technopark, we introduced polystyrene foam melting machines and large shredders for confidential paper in fiscal 2023. With this equipment, we can convert all used polystyrene foam generated from the office into recycled plastic materials and sell them as valuable resources. We also process the shredded wastepaper from large shredders to be reused as toilet paper. By doing this, we can significantly reduce the volume of waste.

In addition, we began selling as valuable resources our own and metal scrap from unneeded freezers and refrigerators, resulting in approximately 56 tons of recycled resources in fiscal 2024.

Amount of cardboard waste



* Target: Domestic reagent production factories
* Amount of cardboard waste:
  Amount of waste(ton)÷Number of in-house product boxes(thousand boxes)

In its domestic reagent production factories, Sysmex promotes environmental initiatives in collaboration with its business partners and has successfully reduced the waste of packing materials for delivery by reusing cardboard, reviewing excessive packaging, and changing the practice of over-packaging.

At our domestic instrument production factories, i-Square and Kakogawa Factory, we conducted trial separation of mixed plastic waste and sold approximately 10 tons as valuable resources in fiscal 2024. Furthermore, at Kakogawa Factory, food waste from its in-house canteen is reduced using a specialized garbage disposal system that converts food waste into organic fertilizer for farmers. The factory purchases agricultural produce grown by the farmers who use this fertilizer, contributing to the realization of a circular economy.

▶ Regarding the reduction of waste through the recycling of packing materials and parts, etc., please see “Environmental Consideration in Product Transportation, Sales, and Services.”

Promoting Digital Data

Sysmex works to reduce its use of paper by utilizing personal computers, tablets, and smartphones to send and receive data. These efforts have reduced paper use and waste. Our manufacturing facilities are also working to switch to electronic production records and manuals, promoting our paperless initiative.

Major Initiatives at Each Business Office

Company	Initiative
Sysmex America	• Switching the reagent waste processing method from landfill to energy-from-waste treatment (During the three years from 2023 to 2025, 50 to 100 tons of waste is expected to be recycled.)
Sysmex Brasil	• Reuse polystyrene foam and refrigerants used in import packaging in collaboration with partner companies
Sysmex Medica	• Switched 100% of copier paper from plain paper to environmentally friendly paper
Sysmex Asia Pacific	• Replace aluminum foil used for weighing drums with reusable materials • Recycle containers made from chemical ingredients that were previously discarded
Sysmex Malaysia	• Recycle or donate to charities cardboard boxes and plastic materials
Sysmex Jinan	• Replace sludge filter press equipment and conduct QC activities to lower the water content of the sludge and reduce emissions of harmful substances

▶ Status of Sustainability Targets

Managing Harmful Substances

Managing Chemical Substances

Sysmex uses chemical substances in its R&D and manufacturing processes. In addition to preventing losses or leaks, we strive to manage chemical substances appropriately to prevent damage to the health of our employees working onsite.

▶ Chemical Substance Management of Products

Managing and Processing Harmful Substances

As a precaution against the danger of infection by biological substances, we strictly control the locations in which such substances are stored and used. These substances are carefully segregated from general waste for proper disposal. For other harmful substances, we work to prevent aerial drift, dispersion, and groundwater permeation through countermeasures that address both facilities and management methods. In these ways, we endeavor to keep emissions below standard statutory levels.

Managing and Processing Atmospheric Emissions

In response to the Fluorocarbons Emission Control Law, each Group company in Japan established a response manual, identifying and appropriately using fluorocarbon-containing instruments owned or managed by it, conducting inspections, and monitoring calculated amount of leaked fluorocarbons.