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2025-2026 KoMiCo Environmental Management Report

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2025-2026 KoMiCo **Environmental Management Report**

ABOUT THIS REPORT

Report Overview

The KoMiCo Environmental Management Report presents environmental management activities, various environmental data, and overall performance. The report is published once a year and can be viewed on the Company website.

Reporting Period

The KoMiCo Environmental Management Report covers the period from January 1 to December 31, 2025. To help identify trends in environmental information, it also includes data from 2022 through 2025.

Reporting Scope

This report covers KoMiCo's three domestic Anseong Plant sites (Building F, Building S/D, and Building B) and five sales offices (Pyeongtaek, Hwaseong, Icheon, Cheongju, Godeok).

Report Preparation Standards and Assurance

To ensure the accuracy, objectivity, and reliability of this report, it was prepared in accordance with global frameworks for sustainability reports (including GRI) and underwent third-party assurance. This report has been prepared based on our internal calculation methodology and key ESG performance indicators to ensure transparent disclosure of our major achievements to stakeholders.

Contact

If you have any questions or comments regarding the 2025 KoMiCo Environmental Management Report, please contact us at the email address below.
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Report Download

This report can be downloaded from the KoMiCo website (https://komico.com/kr).

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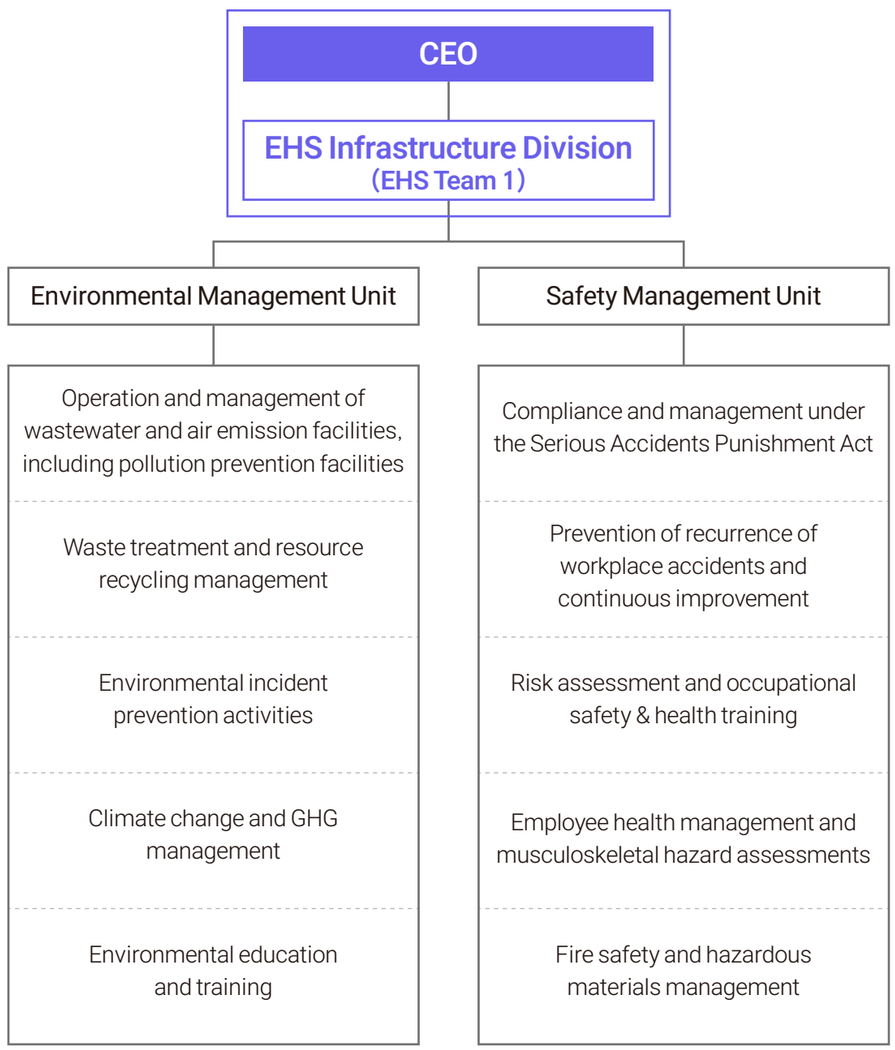
01 Leadership and Governance

Dedicated Environmental Management Organization

KoMiCo established and continues to enhance an integrated Environment, Health and Safety (EHS) management system aligned with global ESG standards. The CEO, who has ultimate responsibility for EHS management, provides strategic leadership and oversight from a sustainable management perspective. Through annual management reviews, the CEO establishes and periodically reviews the Company's mid- to long-term EHS strategies, taking into account global trends and stakeholder expectations.

In addition, the executive responsible for EHS regularly participates in the MiCo Group EHS Committee to discuss key Group-wide EHS issues and strategic initiatives. Based on this governance framework, the Company systematically implements core EHS initiatives, including climate change response, the adoption of environmentally friendly processes, chemical management and wastewater reduction, and prevention of serious industrial accidents, while continuously strengthening its company-wide EHS management system.

KoMiCo ESG Governance Structure



Environmental Management Strategy

Climate Change Response Strategy

KoMiCo recognizes its corporate social responsibility to protect the global environment and contribute to a sustainable future. The Company advances sustainable management by operating environmentally responsible facilities and integrating environmental management strategies, including GHG emissions reduction and resource circularity, into its management.

Although KoMiCo is not currently subject to Korea's Greenhouse Gas Target Management System or Emissions Trading Scheme (ETS), the Company recognizes that addressing climate change is essential to its long-term sustainable growth. Accordingly, it actively pursues GHG reduction initiatives, including voluntary third-party verification of its GHG emissions. This approach is part of a proactive management strategy to enhance stakeholder confidence among investors, customers, and local communities, while keeping pace with global trends in climate change response.

To achieve its ECO Vision, the Company has established four strategic pillars: Creating Environmental Value, Conserving and Recycling Resources, Advancing Low-Carbon Management, and Building Environmental Infrastructure for Future Growth. To reinforce environmental management execution across the organization, KoMiCo has also established ESG Key Performance Indicators (KPIs) and operates a systematic performance management framework to monitor progress toward its environmental objectives.

Creating Environmental Value

- Identify government-funded environmental projects
- Reduce environmental pollutants and hazardous chemicals
- Develop environmentally friendly processes and equipment
- Proactively respond to environmental regulations
- Maintain ISO 14001 and ISO 50001 certifications
- Publish the Environmental Management Report

Conserving and Recycling Resources

- Reduce and recycle industrial water use
- Increase waste recycling and resource recovery
- Identify and implement circular economy initiatives
- Eliminate disposable products (e.g., paper cups and paper towels)

Advancing Low-Carbon Management

- Monitor energy consumption
- Improve energy efficiency and optimize energy use
- Upgrade aging and low-efficiency equipment

Building Environmental Infrastructure for Future Growth

- Expand renewable energy facilities (e.g., SOFC and solar power systems)
- Increase the deployment of eco-friendly company vehicles
- Install electric vehicle (EV) charging stations on-site

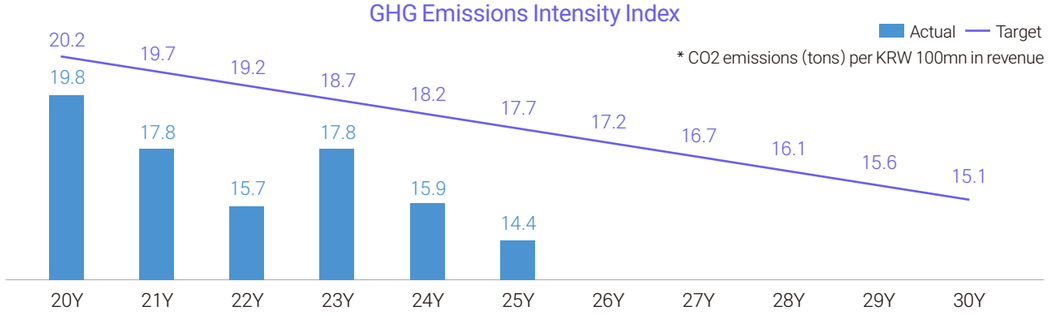
Mid- to Long-term Goals and Plans for Climate Change

KoMiCo is committed to enhancing communication with its stakeholders by ensuring the transparency and reliability of its environmental data. To this end, the Company continues to expand the scope of its environmental disclosures and conducts regular third-party verification of its GHG emissions to enhance data quality and credibility.

In addition, the Company will continue to improve its environmental performance by developing environmentally friendly technologies, expanding renewable energy generation capacity, upgrading to high-efficiency energy systems, and strengthening resource circularity. As part of its climate action strategy, KoMiCo has established a mid-term target of reducing Scope 1 and Scope 2 GHG emissions intensity by 25% by 2030, compared with the 2020 baseline.

Over the long term, in line with the global transition toward carbon neutrality, the Company is reviewing a comprehensive roadmap and phased reduction measures to achieve carbon neutrality by 2050. KoMiCo plans to establish a phased and realistic carbon neutrality strategy that reflects the implementation of government energy transition policies, including the continued expansion of renewable energy in Korea.

“Reduce GHG emissions intensity* by 25% by 2030 from the 2020 baseline”



Category	GHG Emissions Intensity (tCO_2e/KRW 100mn in revenue)		
	GHG Emissions (A)	Revenue (B)	Emissions intensity (A/B)
2023	22,597	1,268	17.8
2024	25,041	1,566	15.9
2025	27,041	1,878	14.4

Detailed Strategy and Implementation Performance

* Completed installation of solar power (260kW) on the Employee Welfare Building in 2024
* Completed installation of solar power (350kW) on the Manufacturing Plant in 2024
* Completed installation of solar power (100kW) at the Manufacturing Plant in 2024
* Completed installation of solar power (200kW) at the Factory Building in 2025
* Completed installation of solar power (38kW) on the Employee Welfare Building in 2025

Detailed Strategy and Implementation Plan

Improve the efficiency of high-electricity-consumption facilities by 2028 (targeting a 10% reduction in average monthly electricity consumption compared with the 2023 baseline)

* Reduce electricity consumption by 2028 through process and environmental improvements (660MWh ↓)
* Plan to install solar power at the Manufacturing Plant and parking facilities by 2029

Status of Eco-friendly Energy Infrastructure Development

Building and Expanding Environmentally friendly Energy Infrastructure

KoMiCo continues to invest in environmentally friendly energy infrastructure to support its climate action initiatives and achieve its GHG reduction targets. In particular, as part of its transition toward renewable energy, the Company is actively expanding its solar photovoltaic (PV) generation capacity. By systematically utilizing rooftop and other spaces at major facilities such as the Employee Welfare Building, Parking Tower, and Manufacturing Plant, KoMiCo has installed solar PV systems with a combined capacity of 1,353kW (as of December 2025). These installations enable the Company to generate a portion of its electricity on-site, directly contributing to GHG emissions reduction. In addition, KoMiCo has diversified its clean energy portfolio by introducing and operating a Solid Oxide Fuel Cell (SOFC) system, a highly efficient distributed power generation technology.

Through these investments, the Company has replaced a portion of its grid electricity consumption with self-generated renewable energy, achieving both lower GHG emissions and improved energy cost efficiency. Going forward, KoMiCo will continue to expand its renewable energy capacity to enhance energy self-sufficiency and further strengthen the foundation for low-carbon operations.

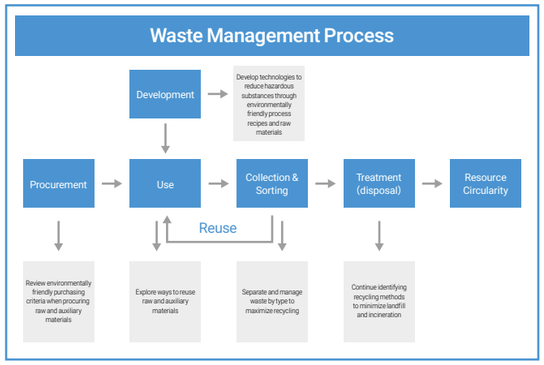
Resource Circularity

Strategy

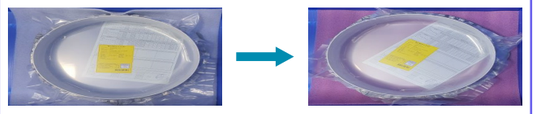
To support the sustainable operation of its business sites, KoMiCo is committed to minimizing waste generation and promoting resource circularity. The Company identifies recyclable materials generated throughout its manufacturing processes, including production by-products and waste plastics, and continually increases recycling by diverting waste from landfill and incineration through systematic waste segregation and collection.

As part of these efforts, KoMiCo maximizes the recyclability of plastic storage and transportation boxes by removing and separating small non-recyclable components prior to disposal. At the same time, the Company reduces both raw material consumption and waste generation by improving production efficiency, while progressively increasing the recycling rate of all waste streams in pursuit of its ultimate goal of Zero Waste to Landfill (ZWTL).

In particular, through a recovery and reuse system for product delivery packaging materials (protective foam packaging) introduced in 2023, KoMiCo recycled a cumulative total of 980 packaging units by 2025, generating resource savings valued at KRW 41 million. This is a representative example of the resource circulation management that KoMiCo pursues, and the Company plans to continue to identify additional opportunities for resource circularity and expand reuse programs to create long-term environmental value.



25Y Resource Circularity Performance for Protective Foam Packaging



By differentiating the color of protective foam packaging by customer (White → Pink), KoMiCo has improved the recovery and reuse of packaging materials.

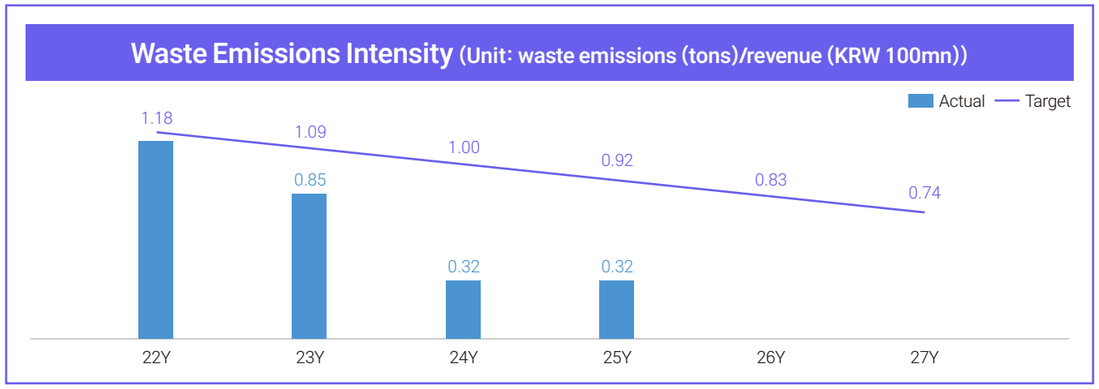
Year	Planned			Actual			Reduction		
	Quantity (packs)	Cost (KRW mn)	Volume (m³)	Quantity (packs)	Cost (KRW mn)	Volume (m³)	Quantity (packs)	Cost (KRW mn)	Volume (m³)
2023	2,672	109	909	1,544	63	525	1,128	46	384
2024	1,763	63	440	1,631	58	407	132	5	33
2025	1,725	66	460	2,005	76	530	-280	-10	-70
Cumulative Reduction over Three Years							980	41	347

Mid- to Long-term Goals and Plans

Going forward, KoMiCo aims to further reduce waste generation by improving waste segregation and increasing its recycling rate. The Company will also continue to promote a culture of resource circularity through regular employee training and awareness programs, embedding sustainable resource management practices across the organization.

Quantitative Goals and Action Plans

Reduce waste emissions intensity by 37% by 2027 compared with the 2022 baseline (1.18t/KRW 100mn → 0.74 t/KRW 100mn)
- By 2026, complete the evaluation and company-wide implementation of resource recovery and recycling treatment for waste vinyl generated at business sites.
- By 2026, achieve a 50% reduction in waste acid generation



※ The data are based on waste generation records registered in the Allbaro System, the national waste management system operated by the Ministry of Environment and the Korea Environment Corporation, excluding waste jointly discharged with other business sites.

Pollution Reduction – Air Emissions

Strategy

KoMiCo operates an advanced air emissions management system designed to minimize air pollutant emissions from its business sites. Air pollution control facilities are incorporated from the planning stage of all new investments, and stringent internal standards are applied to systematically monitor and manage emissions from each emission source.

To minimize the environmental impact of hazardous chemical substances, KoMiCo continuously improves its manufacturing processes at a fundamental level. Existing chemical-intensive processes are being converted to environmentally friendly (non-chemical) processes, while ongoing research into low-toxicity and environmentally friendly alternative materials further reduces hazardous substances.

KoMiCo has fully replaced six aging scrubbers with high-efficiency filtration systems to maximize emission control performance. The Company has also completed the installation of IoT monitoring devices at small-scale business sites and Tele-Monitoring System (TMS) equipment at facilities subject to total air pollutant load management, enabling real-time monitoring and systematic control of air emissions.

Mid- to Long-term Goals and Plans

KoMiCo plans to continue to strengthen its air quality management capabilities by recovering recyclable by-products and expanding the adoption of non-chemical and environmentally friendly manufacturing processes to further reduce air pollutant emissions.

Air Emissions Management Framework

Pollution Reduction - Water Quality

Strategy

To minimize its impact on water quality, KoMiCo separately operates wastewater, sewage, and drainage systems generated at its business sites. Collected wastewater is treated through physical and chemical processes at the Company's in-house wastewater treatment facility. After primary treatment, the effluent is transferred to the industrial complex's central wastewater treatment plant for final treatment before being discharged into public waterways.

To ensure more reliable wastewater treatment at its business sites, KoMiCo operates a continuous water quality monitoring system and an automated wastewater treatment facility. In addition, the Company has installed an automatic chemical dosing system that precisely controls chemical injection according to wastewater concentration, minimizing chemical consumption while improving treatment efficiency.

Furthermore, KoMiCo utilizes wastewater leak prevention systems and alarm systems to prevent accidental releases. The Company also minimizes wastewater generation by promoting water reuse and reducing industrial water consumption.

Mid- to Long-term Goals and Plans

KoMiCo aims to further improve water reuse by expanding the recycling of condensate and indirect cooling water generated from utility facilities. For business sites where automated wastewater treatment monitoring systems have not yet been implemented, the Company plans to review available alternatives and progressively upgrade the facilities over the medium to long term.

Strategic Initiatives and Roadmap

Volatile Organic Compounds (VOCs)

Strategy

As regulations governing volatile organic compounds (VOCs) continue to become more stringent across Korea, KoMiCo has registered its VOC emission facilities and air pollution control facilities with the relevant local authorities and manages them in strict compliance with applicable regulations.

Although KoMiCo emits significantly lower volumes of VOCs than facilities with high VOC emissions, the Company minimizes atmospheric emissions through the operation of air pollution control facilities. In addition, KoMiCo conducts regular VOC measurements and monitoring to ensure compliance with applicable air pollutant emission standards.

VOC Management System

Chemical Management

Strategy

KoMiCo is committed to minimizing the environmental and human health impacts of the chemicals used in its operations.

To ensure the safe management of chemicals, the Company has established and operates an internal Chemical Management Guideline in accordance with the Chemical Control Act and the Occupational Safety and Health Act. In addition, KoMiCo promotes a strong chemical safety culture through regular chemical safety training and routine inspections of chemical handling facilities.

Chemical substances are safely controlled and managed throughout the entire process of receiving, storing, using, and disposing of them via the chemical management process. Regular risk assessments are conducted for chemical handling processes, and improvement measures are implemented to reduce identified risks.

KoMiCo also ensures the safety of its chemical handling facilities by conducting installation inspections for newly introduced facilities and periodic inspections of existing facilities.

To further strengthen chemical safety, the Company continuously reviews and invests in the safety design of chemical handling facilities. To minimize the impact of chemical spills and protect employees, KoMiCo operates spill detection and alarm systems and conducts regular inspections of drain lines. In addition, containment barriers, safety platforms, emergency spill response equipment, emergency eyewash stations, and supplied-air respirators are installed and maintained at relevant facilities.

To ensure that finished products are free of hazardous substances, KoMiCo verifies product quality through ICP-MS (Inductively Coupled Plasma Mass Spectrometry) analysis in accordance with customer requirements.

Furthermore, the Company is accelerating the transition to environmentally friendly manufacturing processes to minimize the environmental and human health impacts of hazardous chemicals. Toxic and flammable substances are being replaced with low-toxicity, environmentally friendly alternatives, while non-chemical technologies that replace chemical processes with physical processes are being developed to fundamentally reduce the use of hazardous substances.

Mid- to Long-term Goals and Plans

KoMiCo will continue to expand the automation of chemical handling processes to minimize direct employee exposure to hazardous chemicals. The Company is also advancing research and development to reduce the use of toxic and flammable chemicals by replacing them with environmentally friendly, lower-toxicity alternatives and by transitioning from chemical-based processes to physical processes wherever feasible.

Chemical Management System

Employee Participation and Education in Environmental Management

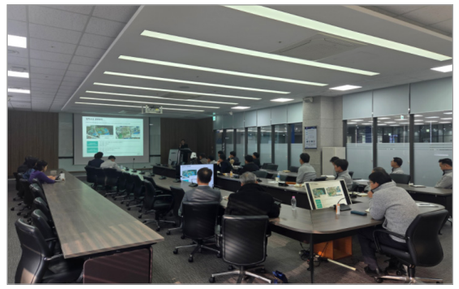
KoMiCo encourages employee participation in environmental management by operating an employee suggestion system and environmental education programs as part of its ESG initiatives.

The Company provides environmental management training to all employees at least once a year and ensures compliance with all legally required environmental training programs. Through these initiatives, employees enhance their understanding of environmental risk management and accident prevention while fostering greater environmental awareness and promoting environmentally responsible practices throughout the workplace.

To ensure the safe handling of chemicals used in its manufacturing processes, KoMiCo conducts regular training for chemical handlers and periodic inspections of chemical handling facilities. In addition, the Company carries out emergency response drills at least once a year to strengthen its preparedness and enable a rapid and effective response to potential chemical accidents.

* Employee Suggestion System

* Implementation of Environmental Management Training


* Implementation of Chemical Accident Prevention and Management Plan Training


* Implementation of Environmental Accident Response Training

Training Category		Unit	2022	2023	2024	2025
Environmental Management Training		Persons	695	682	677	780
Training for Workers on Hazardous Chemical Substances		Persons	666	653	662	729
Training for Personnel Handling Hazardous Chemical Substances		Persons	99	92	87	133
Training Course for Technical Personnel and Managers on Hazardous Chemicals		Persons	1	4	0	4
Air Environmental Specialist Training		Persons	1	1	1	2
Water Environmental Specialist Training		Persons	1	0	1	2
Noise and Vibration Environmental Specialist Training		Persons	0	1	0	1
Waste Management Personnel Training		Persons	0	2	0	0
Environmental Emergency Response Training and Drills		Persons	46	146	157	165
Chemical Accident Prevention and Management Plan Training	Executive	Persons	-	20	24	26
	Employee	Persons	-	131	197	260

Training Details

Environmental Management Training

- Course Title: Innovative Brands Protecting the Planet
- Training Provider: Gyeonggi Lifelong Learning Portal
- Course Details
  1. The ESG era: selling beliefs, not just products
  2. Upcycling: restoring the broken resource circulation loop!
  3. Zero waste: the first step toward a sustainable consumption culture
  4. Slow fashion: the rise of conscious consumption
  5. Carbon neutrality: an essential challenge for ESG management
  6. Recycling tech: reviving the environment through technology
- Training Period: Sep. 5 – 30, 2025
- Training Format: Online training
- Target Participants: All employees at all business sites

Hazardous Chemical Handler Training

- Course Title: Hazardous Chemical Handler Training
- Training Providers: National Institute of Chemical Safety (NICS) Training System; Korea Chemical Management Association (KCMA)
- Course Details
  1. The Chemical Control Act and general chemical safety management
  2. Standards for hazardous chemical handling facilities and self-inspection requirements
  3. Chemical hazards, classification, and labeling requirements
  4. Handling standards and safety requirements for the loading, unloading, transportation, handling, storage, and warehousing of hazardous chemicals
  5. Emergency evacuation and response procedures for chemical accidents, including hands-on training in the use of personal protective equipment
  6. Emergency first-aid procedures in the event of chemical exposure
- Training Period: Jan. 1 - Dec. 31, 2025
- Training Format: Blended learning (In-person + Online)
- Target Participants: Workers handling hazardous chemicals

Hazardous Chemical Worker Training

- Course Title: Hazardous Chemical Worker Training
- Training Institution: National Institute of Chemical Safety (NICS) Training System
- Course Details
  1. Chemical hazards and chemical safety management
  2. Emergency evacuation and response procedures for chemical accidents, including appropriate actions to take during an emergency
  3. Industry-specific procedures for the safe handling of hazardous chemicals
- Training Period: Jun. 24 - Jun. 30, 2025
- Training Format: Online training
- Target Participants: Environmental specialists, EHS Team 1

Noise and Vibration Environmental Specialist Training

- Course Title: Noise and Vibration Environmental Specialist Training
- Hosting Institution: Korea Environmental Preservation Association (KEPA)
- Course Details
  1. Overview of noise and vibration policies and regulations
  2. Sources and characteristics of noise and vibration
  3. Noise and vibration control technologies and operation of control facilities
  4. Measurement and monitoring practices
  5. On-site management and case studies on responding to public complaints
- Training Period: Jun. 24 - Jun. 30, 2025
- Training Format: Online training
- Target Participants: Environmental specialists, EHS Team 1

Air Environmental Specialist Training

- Course Title: Air Environmental Specialist Training
- Training Provider: Korea Environmental Preservation Association (KEPA)
- Course Details
  1. Overview of air quality policies and environmental regulations
  2. Administrative procedure practice
  3. Air pollutant control technologies
  4. Odor and VOC control technology
  5. Operation and management of air pollution control facilities
  6. Resource circularity and energy recovery technologies
  7. Fugitive emissions management system
  8. Fine particulate matter (PM) reduction measures
  9. Environmental monitoring and analytical techniques
  10. Integrated environmental management system
- Training Period: Sep. 2 - 29, 2025
- Training Format: Online training
- Target Participants: Environmental specialists, EHS Team 1

Water Environmental Specialist Training

- Course Title: Water Environmental Specialist Training
- Training Provider: Korea Environmental Preservation Association (KEPA)
- Course Details
  1. Overview of water quality policies and environmental regulations
  2. Administrative procedures and practical applications
  3. Characteristics of water pollutants and treatment technologies
  4. Operation and management of wastewater treatment facilities
  5. Biochemical treatment technology
  6. Advanced treatment technology
  7. Water pollution incident response
  8. Integrated environmental management system
  9. Water quality monitoring and analytical techniques
- Training Period: Sep. 2 - 29, 2025
- Training Format: Online training
- Training Participants: Environmental specialists, EHS Team 1

Environmental Emergency Response Training and Drills

- Course Title: Environmental Emergency Response Drill
- Course Details
  1. Overview of environmental incidents and potential causes
  2. Emergency response procedures in the event of an environmental incident
  3. Proper use of personal protective equipment
  4. Proper use of emergency spill response equipment
  5. Hands-on emergency response drills
  6. Other safety precautions and response guidelines
- Training Period: May 22 - Dec. 17, 2025
- Training Format: In-house classroom training
- Training Participants: Employees handling or working with hazardous chemicals

Chemical Accident Prevention and Management Plan Training

- Course Title: Chemical Accident Prevention and Management Plan Training
- Course Details
  1. Key requirements for implementation compliance inspections
  2. Status of hazardous chemical handling
  3. Installation and management standards for chemical handling facilities
  4. Self-inspection of chemical handling facilities
  5. Chemical Accident Prevention and Management Plan
  6. Emergency response system for chemical accidents
  7. Roles and responsibilities of the emergency response organization
  8. Safe handling procedures for accident preparedness substances
  9. Management and proper use of personal protective equipment
- Training Period: Dec. 5 - Dec. 31, 2025
- Training Format: In-house classroom training
- Target Participants: Executives and personnel handling hazardous chemicals

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02 Risk Management

Climate Change

Governance

As the Company's highest decision-making body, KoMiCo's Board of Directors oversees and supervises whether ESG factors, including climate change issues, are appropriately incorporated into the Company's business strategy. The Board also supervises management's efforts to identify and manage emerging climate-related risks and opportunities, while promoting sustainable growth through the integration of climate-related considerations into the Company's overall management activities.

In 2021, the MiCo Group established the Environmental Safety Committee at the group level, followed by the establishment of a dedicated ESG Management Team in 2022. The Environmental Safety Committee regularly discusses key issues related to carbon neutrality, environmental management, and occupational safety, and establishes corresponding action plans. The ESG Management Team and relevant operating departments conduct in-depth reviews of ESG-related issues within their respective areas of responsibility and oversee ESG initiatives, including agenda development, project implementation, and performance management.

Risk Management

Risk and Opportunity Identification

Based on the ISO 14001/50001 Environmental and Energy Management Systems, relevant departments identify risks through internal and external issues and trends, expert advice, and other sources.

Risk and Opportunity Assessment

The Company evaluates identified risks and opportunities based on their potential impact and likelihood of occurrence. Assessment results are used to prioritize material risks and opportunities and to analyze their potential financial implications.

Response Planning and Reporting

For priority risks, KoMiCo establishes and reviews short-, medium-, and long-term response plans. Proposed actions are evaluated through executive review as well as internal and external audits to ensure compliance with ISO standards and established management processes. The final assessment results are then reported to senior management (C-level executives).

Monitoring and Reporting

The implementation of response plans is regularly monitored at the departmental level, and opportunities for improvement and key achievements are identified. Progress on climate-related actions and performance is reported periodically to senior management and the Board of Directors.

Materiality Assessment and Risks & Opportunities

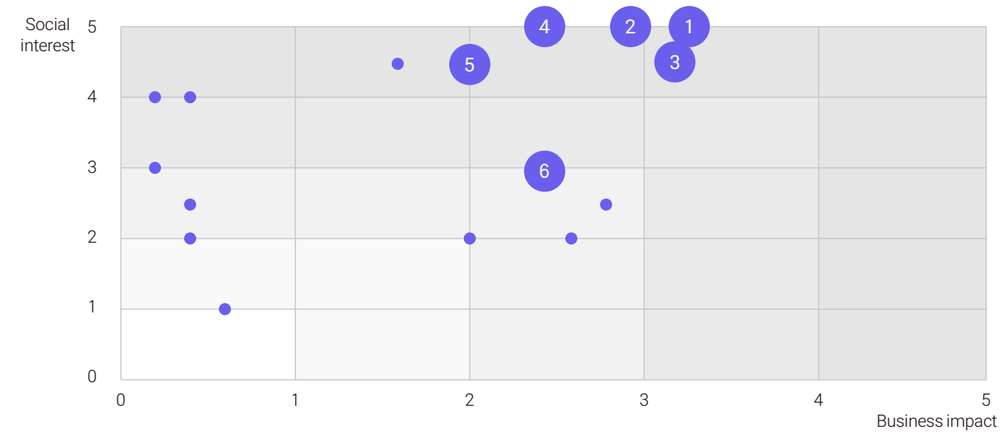
KoMiCo conducted a materiality assessment to identify key environmental management issues. To identify material topics, the Company comprehensively considered issues of high interest among leading companies and industry peers (10 companies), stakeholder expectations, media exposure, and business impact.

STEP 01 Issue Identification
- Review of domestic regulations, government policies, and social trends
- Reference to the K-ESG Guidelines
- Benchmarking issue pools identified by leading companies and industry peers
- Review of internal business strategies and stakeholder feedback, including customer requirements

STEP 02 Materiality Assessment
- Core issues and common interest among leading companies and industry peers
- Stakeholder expectations
- Issue exposure, including KoMiCo media analysis
- Consideration of KoMiCo's business strategy and KPIs
- Incorporation of scenario analysis results, including SSP1-2.6 and SSP5-8.5

STEP 03 Material Issue Selection
- Selection of priority material topics based on the results of the ISO-based materiality assessment

Environmental Materiality Assessment Matrix



No	Issue	Risk	Opportunity
1	Climate Change and Carbon Neutrality	· Increasing domestic and overseas customer demand for carbon neutrality · Rising global temperatures	· Enhanced corporate value and revenue growth · Strengthened sustainable management
2	Environmental Pollutant Reduction	· Exceeding regulatory emission limits	· Enhanced corporate image and competitive advantage
3	Energy Management	· Rising electricity rates	· Improved cost competitiveness through adoption of eco-friendly technologies · Reduced GHG emissions
4	Chemical Management	· Environmental incidents · Stricter environmental regulations	· Enhanced corporate image and competitive advantage
5	Resource Circularity	· Limited availability of natural resources	· Expanded resource circularity and reduced raw material procurement costs
6	Environmentally friendly Products and Services	· Use of hazardous chemicals	· Compliance with environmental regulations through environmentally friendly process conversion · Strengthened market competitiveness through ESG management

Financial Impact and Response to Risks and Opportunities

Issue	Risk	Opportunity	Potential Financial Impact	Response Strategy Detail
Climate Change and Carbon Neutrality	Increasing domestic and overseas customer demand for carbon neutrality	Enhanced corporate value and increased sales	• Increased investment in renewable energy and related procurement costs • Decline in sales if customer requirements are not adequately addressed	• Annual update of GHG inventories for business sites • First third-party GHG emissions verification conducted in 2024, with regular annual verification planned thereafter. • Implement renewable energy (solar PV) investment plan through 2030 - 2021: Installed solar power (27kW) at the Building F employee walkway and SOFC fuel cell power generation facility - 2022: Installed solar power at the Employee Welfare Building parking lot (70kW), Building F roof (270kW), and rest area roof (13kW) - 2023: Installed outdoor pergola solar power (27kW) - 2024: Installed solar power and built a monitoring system on the Employee Welfare Building roof (260kW), Building D roof (100kW) and Building J parking tower (350kW). - 2025: Installed solar power on the S/D Employee Welfare Building roof (38kW) and Building F2 roof (200kW) - 2026-2028: Planned electricity usage reduction (660MWh) through process improvement and efficiency gains - 2027-2029: Planned installation of solar power (1,000kW)
	Increasing Temperatures	-	• Increased energy costs for cooling and heating operations	• Improve HVAC operational efficiency and optimize temperature settings - 2024: Adjusted HVAC operating temperatures (Summer: 24°C → 25°C, Winter: 20°C → 18°C). • Implement energy conservation campaigns - Automatic shutdown of office lighting during lunch breaks and after working hours. • Energy monitoring and identification of improvement measures • 2025: Installed sealing strips to reduce HAVC costs
	Rising Electricity Rates	Application of environmentally friendly technology and improved cost competitiveness, reduced GHG emissions	• Increased costs due to rising electricity rates • Increased investment costs for renewable energy and high-efficiency equipment • Increased R&D costs for process improvement	• Implementation of renewable energy (solar) investment plan through 2030 (details same as above) • Conversion to high-efficiency equipment - 2020: Installed standby power cutoff devices and timers - 2021: Completed 100% conversion to high-efficiency LED lighting company-wide and currently in operation - 2021: Introduced high-efficiency Air Pulsing Valves - 2020-2021: Applied inverters to equipment - 2026-2028: Planned electricity usage reduction (660MWh) through process improvement and efficiency gains • Minimizing electricity usage through smart factory implementation - 2021-2023: Built process and equipment waste heat recovery systems
Other Environmental Issues	Use of Limited Resources (Raw Materials)	Enhanced corporate value and increased sales	• Difficulty in securing raw materials due to supply-demand imbalances, resulting in reduced production and sales	• Improved raw material efficiency - Since 2019, expanded environmentally friendly processes such as Dry Cleaning and Non-chemical technologies to reduce chemical consumption. - In 2021, installed a city gas temperature compensation system, reducing LNG consumption. • Establishment of reuse and recycling systems - Introduced a product packaging material recovery and reuse program in 2023 - Since 2020, extended the replacement cycle of raw materials (chemicals) and developed reusable process recipes to improve process yield. - In 2024, introduced chemical recycling in selected processes, reducing raw material consumption. - In 2025, reduced chemical usage through process improvement (chemical → physical) - In 2025, reduced raw material consumption through coating process improvements.
	Use of Hazardous Chemical Substances	Regulatory compliance and reduced waste treatment costs through conversion to environmentally friendly processes Enhanced market competitiveness through ESG management	• Increased costs for regulatory compliance, waste treatment, permits • Operational risks, including production disruptions due to equipment corrosion and replacement. • Reduced sales and customer relationship risks resulting from increasingly stringent customer ESG assessments	• Conversion to and expansion of environmentally friendly processes - Since 2019, expanded Dry Cleaning and Non-chemical processes to reduce hazardous chemical use. - Since 2020, extended chemical replacement cycles and developed reusable process recipes to improve process yield. - In 2025, reduced chemical consumption through process improvement (chemical → physical)
	Changes (Tightening) in Environmental Laws and Regulations	Application of environmentally friendly technologies, improved cost competitiveness, and reduced GHG emissions	• Business interruption and reduced sales in the event of regulatory violations • Increased capital expenditures required to comply with new regulations	• Ongoing monitoring of newly enacted and revised regulations - Continuously receiving and reviewing daily regulatory updates provided by the Ministry of Government Legislation. • Investment in compliance with newly enacted and revised regulations - 2024: Completed 100% investment in IoT monitoring devices and TMS installation for air emission facilities - 2025: Completed permitting and facility investments for new chemical handling facilities - 2025: Introduced an air pollutant monitoring system

Compliance with Environmental Laws and Regulations

KoMiCo proactively reviews, monitors, and manages the major environmental laws and regulations applicable to its business operations. The Company's detailed compliance measures are as follows.

Category	Government Regulation (Relevant Legislation)	Requirement	Compliance Measures
Water Quality	Water Environment Conservation Act, Article 68	Outsourced Wastewater Treatment Performance Report	The Company compiles the previous year's outsourced wastewater treatment records registered in the Water Information System (Mulbaro) and submits the annual treatment performance report to Anseong City every January.
	Water Environment Conservation Act, Article 23 and 68	Nationwide Wastewater Pollutant Survey	The Company collects data on annual water consumption, wastewater generation, and pollutant concentrations before and after treatment, and submits the results each February through the National Wastewater Pollutant Information System operated by the National Institute of Environmental Research (NIER).
	Water Environment Conservation Act, Article 46-2	Specific Water Hazardous Substance Emission Survey	semiannual surveys of wastewater pollutants generated at its facilities, calculates the concentrations and discharge volumes of specified water pollutants from the previous year's operations, and submits the results every March through the Specified Water Pollutant Survey System (NIER).
	Water Environment Conservation Act, Article 33-2	Notification of Changes to Wastewater Discharge Facilities	When changes occur, such as a 50% or greater increase in wastewater discharge compared with the originally reported level, the Company completes the required permitting procedures and obtains regulatory approval before implementing the changes. (Anseong City)
Air	Clean Air Conservation Act, Article 17	Air Pollutant Emissions Survey and Reporting	Based on the previous year's raw material consumption, electricity usage, operating hours, and pollutant emissions from each emission source, KoMiCo submits the required reports every April through the Air Emissions Management System operated by NIER.
	Clean Air Conservation Act, Article 17	Semiannual Self-Monitoring Report for Air Pollutants	Air pollutant emissions are measured in accordance with the legally prescribed monitoring frequency for each emission source, and the results are submitted semiannually to Gyeonggi Province and Anseong City.
	Clean Air Conservation Act, Article 35	Submission of Air Pollutant Emissions Statement	As required under the air emissions charge system, the Company prepares and submits semiannual emissions statements covering sulfur oxides (SOx), nitrogen oxides (NOx), and dust (particulate matter) to Anseong City and pays the applicable emissions charges based on the reported results.
	Clean Air Conservation Act, Article 23-2 and Enforcement Rule Article 27	Notification of Changes to Air Emission Facilities	When changes occur that are subject to change permits or change notification, such as the expansion, replacement, or closure of emission facilities, the Company completes the required permitting procedures and obtains approval from the relevant authorities (Gyeonggi Province and Anseong City).
	Enforcement Rule of the Special Act on the Improvement of Air Quality in Air Control Zones, Article 17	Submission of Emission Calculation Results	For air pollution control facilities emitting nitrogen oxides (NOx) that fall under the Total Air Pollutant Load Management Program, KoMiCo calculates monthly emissions and reports the results to the competent authority.
	Rules on Environmental Testing and Inspection, Article 11	Accuracy Inspection of Monitoring Instruments	The Company conducts statutory accuracy inspections of the Continuous Emission Monitoring System (CEMS) installed at Building D in accordance with the legally prescribed methods and inspection intervals.
Chemical Substances	Chemicals Control Act Enforcement Decree Article 13 and Enforcement Rule, Article 37	Hazardous Chemical Safety Training	As a business site that handles hazardous chemical substances, KoMiCo provides legally required training to employees. Accordingly, chemical handlers complete 16 hours of training every two years (8 hours online and 8 hours classroom training), while all employees engaged in hazardous chemical operations complete at least two hours of annual training through online and offline programs.
	Chemicals Control Act Article 49 and Enforcement Rule, Article 53	Hazardous Chemical Usage Reporting	The Company reviews the previous year's handling performance recorded in the chemical substance management ledger and submits it to the Hazardous Chemical Substance Performance Report System (National Institute of Chemical Safety (NICS)).
	Chemicals Control Act, Article 11 and Enforcement Rule, Article 5	Chemical Substance Emission Survey	The Company identifies the types and handling volumes of chemicals subject to the annual survey for the previous reporting year, calculates the quantities released into the environment (air, water, and soil), and submits the annual Pollutant Release and Transfer Register (PRTR) report every April through the Chemical Release and Transfer Information System (Han River Basin Environmental Office).
Chemical Substances	Chemicals Control Act, Article 10 and Enforcement Rule, Article 4	Chemical Substance Statistical Survey	The Company compiles data on the quantities of all chemical substances received and shipped during the previous reporting year and submits the required Chemical Statistics Survey report through the Chemical Statistics Reporting System operated by NICS every two years (in odd-numbered years).
	Chemicals Control Act, Article 24 and Enforcement Rule, Articles 23 and 24	Hazardous Chemical Substance Installation/Regular Inspection	As a workplace handling hazardous chemicals, KoMiCo conducts installation inspections through accredited inspection agencies whenever new hazardous chemical handling facilities are installed. For existing facilities, the Company performs periodic inspections annually and submits the inspection results to the Han River Basin Environmental Office in accordance with applicable regulatory requirements.
	Chemicals Control Act, Article 31 and Enforcement Rule, Article 32	Notification of Outsourced Operation of Hazardous Chemical Handling	The Company files an annual outsourced operation notification (Han River Basin Environmental Office) for the contracted operation of its wastewater treatment plant, which handles hazardous chemical substances.
	Chemicals Control Act, Article 28 (1-3) and Enforcement Rule, Articles 27 and 29	Hazardous Chemical Business Permit and Change Permit/Notification	When changes to hazardous chemical handling processes, chemical substances, or handling volumes require a permit amendment or regulatory notification, KoMiCo completes the applicable approval procedures and obtains authorization (Han River Basin Environmental Office).
	Chemicals Control Act Articles 23 and 23-2 and Enforcement Rule, Articles 19 and 19-3	Chemical Accident Prevention and Management Plan	KoMiCo has prepared and submitted a Chemical Accident Prevention and Management Plan to assess the potential impacts of chemical accidents on surrounding communities and the environment and to establish measures to minimize potential damage. The Plan was reviewed and approved by the NICS, receiving a risk classification of Grade C (Risk Level 2). The Company reviews changes to chemical handling facilities and other relevant conditions to determine whether resubmission is required and conducts regular self-inspections to ensure ongoing compliance.
Waste	Wastes Control Act, Article 58	Waste Performance Report	The Company compiles the previous year's treatment records for both general and designated waste and submits the required annual waste treatment performance report every February through the Allbaro System (to the Han River Basin Environmental Office and Anseong City).
	Framework Act on Resource Circulation, Articles 15 and 16	Resource Circulation Performance Management	As a business site subject to the Resource Circulation Performance Management Scheme, KoMiCo is required to report its annual resource circulation performance, including the final disposal rate, resource circulation rate, waste reduction performance, and implementation results. Accordingly, the Company submits the required performance report every March through the Resource Circulation Information System operated by the Korea Environment Corporation (K-eco).
Soil	Soil Environment Conservation Act, Article 5	Soil Contamination Survey	When selected by Anseong City for a Soil Contamination Status Survey, KoMiCo conducts soil contamination testing. If the results exceed the Soil Contamination Concern Standards, the Company performs a detailed investigation and implements the necessary soil remediation measures.
	Soil Environment Conservation Act, Article 13	Underground Storage Tank Soil Contamination Survey	KoMiCo conducts periodic inspections of designated soil contamination management facilities. Following the initial installation inspection in 2017, the Company completed its first periodic inspection in 2022, in accordance with the statutory inspection cycle (once every five years).
	Guidelines for Facilities Subject to Specific Soil Contamination Management, Article 10	Self-Inspection of Facilities Subject to Specific Soil Contamination Management	At the request of Anseong City, KoMiCo conducts voluntary self-inspections of its designated soil contamination management facilities and submits the inspection results to Anseong City.
Other	Act on Liability for Environmental Pollution Damage and Relief, Article 17	Environmental Liability Insurance	As a business subject to mandatory Environmental Liability Insurance, KoMiCo renews its insurance coverage annually in June. In addition, whenever new hazardous chemicals or air and water pollutants are introduced, the Company updates its insurance policy by submitting the required policy amendments.

Environmental Investment

Every year, KoMiCo proactively reviews and identifies environmental aspects and risks that may affect its business operations. To minimize environmental impacts and effectively manage identified risks, the Company establishes and implements annual environmental investment plans covering key areas such as water, air emissions, chemical substances, and GHG management.

2025

2025 Investment Performance

* Non-chemical process (replacement of chemical-based processes)
* Solar power installation
* TMS Monitoring System
* Construction of waste heat recovery system
* Replacement of aging air conditioning facility
* Installation of chemical leak prevention facilities

2024

2024 Investment Performance

* Non-chemical process (replacement of chemical-based processes)
* Solar power installation
* Solar power monitoring system
* Installation of air pollution control facility IoT and TMS
* Installation of GHP exhaust gas reduction equipment
* Installation of chemical leak prevention facilities
* Contracted wastewater monitoring system
* Investment in contracted wastewater collection tank and leak prevention

2023

2023 Investment Performance

* Non-chemical process (replacement of chemical-based processes)
* Solar power installation
* Replacement of aging air pollution control facilities
* Infrastructure facility waste condensate recycling system
* Installation of chemical leak prevention facilities
* Contracted wastewater monitoring system

2022

2022 Investment Performance

* Dry cleaning (replacement of chemical-based processes)
* Solar power installation
* Installation of waste heat recovery facility
* Infrastructure facility waste condensate recycling system
* Installation of chemical leak prevention facilities
* Automatic chemical dosing system to improve wastewater treatment efficiency

Category	Unit	2022	2023	2024	2025
Investment Expenditure	KRW 100mn	15.4	23.7	26.0	13.3

Green Procurement

Definition of Green Products

Green products are products that, compared with other products serving the same purpose, reduce environmental pollution or conserve resources and energy throughout their entire life cycle—from production and consumption to disposal. They are designed to minimize the use of hazardous substances while maintaining high quality and economic efficiency. Green products also include those that are recognized as eligible for green procurement or have obtained environmentally friendly certifications from government authorities or other accredited organizations.

Green Products

Green Product Certification Mark

Environmental Labeling Certification Mark

Good Recycled (GR) Product Certification Mark

Low-Carbon Product Certification Mark

Purpose of Green Product Procurement

KoMiCo is committed to environmentally responsible management and sustainable growth by progressively increasing the scale of its green procurement each year.

Green Product Procurement Policy

① In all procurement activities, environmental performance is evaluated alongside quality and price, and environmentally preferable products are given priority for consideration.
② Where environmentally certified products are not available or applicable, alternative products with superior recyclability and reusability are considered from a resource circulation perspective.
③ When establishing annual business plans, KoMiCo proactively promotes green procurement by sharing advance information on eligible green procurement items with relevant operating departments.
④ In procurement activities, products with environmental certifications supplied by vendors that adopt green procurement policies are given priority.
⑤ KoMiCo shares its Green Procurement Policy with suppliers and encourages them to strengthen collaborative partnerships and continuously improve their environmental performance.

Green Product Performance

Category	Unit	2023	2024	2025
Environmentally friendly Certified Products	KRW 10 million	0.5	0.8	1.4
Environmentally friendly Products	KRW 10 million	6.5	2.8	3.3

※ Total Procurement Amount: KRW 10.65mn in 2023, KRW 11.86mn in 2024, KRW 14.97mn in 2025
※ Total Procurement Amount Calculation Basis: Calculated based on the quantities of raw and subsidiary materials issued for production, including chemicals, powders, and plastic films.
※ Procurement Performance Calculation Basis
- Environmentally Certified Products: Calculated based on purchases of products certified under the Global Recycled Standard (GRS).
- Environmentally Preferable Products: Calculated based on the performance of purchasing products made of recycled materials (plastic) that do not hold official environmentally friendly certification. These are expected to reduce virgin plastic consumption and minimizing waste generation.

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03 Environmental Data

Environmental Data

Waste Management

Category			2022	2023	2024	2025	2025 Target
Recycling	KoMiCo Anseong Plant (Building S/D)	General Waste (tons)	195	143	211	244	215
		Designated Waste (tons)	287	269	43	50	44
	KoMiCo Anseong Plant (Building F)	General Waste (tons)	324	254	231	253	235
		Designated Waste (tons)	34	52	18	12	19
Incineration	KoMiCo Anseong Plant (Building S/D)	General Waste (tons)	-	-	-	-	-
		Designated Waste (tons)	-	0.4	-	-	-
	KoMiCo Anseong Plant (Building F)	General Waste (tons)	-	-	-	-	-
		Designated Waste (tons)	-	-	-	-	-
Landfill	KoMiCo Anseong Plant (Building S/D)	General Waste (tons)	-	-	-	-	-
	KoMiCo Anseong Plant (Building F)	General Waste (tons)	-	-	-	-	-
Neutralization	KoMiCo Anseong Plant (Building S/D)	Designated Waste (tons)	610	190	-	-	-
	KoMiCo Anseong Plant (Building F)	Designated Waste (tons)	285	165	-	44	-
General Waste Generation (tons)			519	397	442	497	450
Designated Waste Generation (tons)			1,215	677	62	106	63
Total (tons)			1,735	1,074	503	604	512
Recycling Rate			48.4	66.9	100	92.7	100
Intensity (ton/KRW 100mn)			1.2	0.8	0.3	0.32	0.32

※ This data is prepared based on waste treatment volumes registered in the Allbaro Waste Management System operated by the Ministry of Environment and the Korea Environment Corporation.

GHG Management

Category		2022	2023	2024	2025	2025 Target
GHG Emissions - Scope 1 (tCO_2e)	KoMiCo Anseong Plant (Building S/D)	694	584	1,041	1,290	1,060
	KoMiCo Anseong Plant (Building F)	2,255	1,775	1,392	1,511	1,417
	KoMiCo Anseong Plant (Building B)	-	-	1	1	1
	Cheongju Sales Office	-	-	-	-	-
	Godeok Sales Office	-	-	-	-	-
	Pyeongtaek Sales Office	-	-	-	-	-
	Hwaseong Sales Office	-	-	-	-	-
	Icheon Sales Office	-	-	-	-	-
	Total	2,949	2,359	2,434	2,802	2,478
GHG Emissions - Scope 2 (tCO_2e)	KoMiCo Anseong Plant (Building S/D)	9,532	9,757	10,740	11,644	10,933
	KoMiCo Anseong Plant (Building F)	10,629	10,481	11,438	11,780	11,643
	KoMiCo Anseong Plant (Building B)	-	-	425	801	433
	Cheongju Sales Office	-	-	1.3	1.2	1.3
	Godeok Sales Office	-	-	0.3	0.1	0.3
	Pyeongtaek Sales Office	-	-	2.9	3.0	3.0
	Hwaseong Sales Office	-	-	-	7.9	-
	Icheon Sales Office	-	-	-	1.3	-
	Total	20,161	20,238	22,607	24,239	23,014
GHG Emissions (tCO_2e)		23,111	22,597	25,041	27,041	25,492
GHG Emissions Intensity (tCO_2e/KRW 100mn)		15.7	17.8	15.9	14.4	15.9

※ Effective from 2025, performance for two sales offices (Hwaseong and Icheon) newly included in the reporting scope has been incorporated.

Energy Management

Category			2022	2023	2024	2025	2025 Target
Domestic Non-renewable Energy	KoMiCo Anseong Plant (Building S/D)	Vehicle Gasoline (L)	7,330	1,313	1,574	20,909	1,602
		Vehicle Diesel (L)	119,271	115,176	117,757	113,022	119,877
		Vehicle LPG (L)	-	-	-	-	-
		Electricity (kWh)	20,749,333	21,238,292	23,377,668	25,345,855	23,798,466
		Gas (Nm^3)	165,244	126,175	112,010	147,982	114,026
	KoMiCo Anseong Plant (Building F)	Vehicle Gasoline (L)	12,565	3,939	4,722	62,728	4,807
		Vehicle Diesel (L)	178,906	170,461	174,281	167,272	177,418
		Vehicle LPG (L)	6,950	1,031	3,500	20,496	3,563
		Electricity (kWh)	23,136,007	22,813,113	24,896,050	25,641,646	25,344,179
		Gas (Nm^3)	794,203	600,618	574,855	691,981	585,202
	KoMiCo Anseong Plant (Building B)	Vehicle Gasoline (L)	-	-	-	-	-
		Vehicle Diesel (L)	-	-	359	523	366
		Vehicle LPG (L)	-	-	-	-	-
		Electricity (kWh)	-	-	926,108	1,744,357	942,778
		Gas (Nm^3)	-	-	-	-	-
	Cheongju Sales Office	Vehicle Gasoline (L)	-	-	-	-	-
		Vehicle Diesel (L)	-	-	-	-	-
		Vehicle LPG (L)	-	-	-	-	-
		Electricity (kWh)	-	-	2,752	2,531	2,802
		Gas (Nm^3)	-	-	-	-	-
	Godeok Sales Office	Vehicle Gasoline (L)	-	-	-	-	-
		Vehicle Diesel (L)	-	-	-	-	-
		Vehicle LPG (L)	-	-	-	-	-
		Electricity (kWh)	-	-	609	200	620
		Gas (Nm^3)	-	-	-	-	-
	Pyeongtaek Sales Office	Vehicle Gasoline (L)	-	-	-	-	-
		Vehicle Diesel (L)	-	-	-	-	-
		Vehicle LPG (L)	-	-	-	-	-
		Electricity (kWh)	-	-	6,333	6,516	6,447
		Gas (Nm^3)	-	-	-	-	-
	Hwaseong Sales Office	Vehicle Gasoline (L)	-	-	-	-	-
		Vehicle Diesel (L)	-	-	-	-	-
		Vehicle LPG (L)	-	-	-	-	-
		Electricity (kWh)	-	-	-	17,212	-
		Gas (Nm^3)	-	-	-	-	-
	Icheon Sales Office	Vehicle Gasoline (L)	-	-	-	-	-
		Vehicle Diesel (L)	-	-	-	-	-
		Vehicle LPG (L)	-	-	-	-	-
		Electricity (kWh)	-	-	-	2,790	-
		Gas (Nm^3)	-	-	-	-	-
	Total (TJ)	Total (TJ)	473	467	514	571	523
	Energy Intensity (TJ/KRW 100mn)	Energy Intensity (TJ/KRW 100mn)	0.32	0.37	0.33	0.30	0.33
Domestic Renewable Energy	KoMiCo Anseong Plant (Building S/D)	Generation (kWh)	-	-	6,490	550,650	6,490
		Usage (kWh)	-	-	6,490	550,650	6,490
		Usage Rate (%)	-	-	100	100	100
	KoMiCo Anseong Plant (Building F)	Generation (kWh)	417,357	530,265	644,011	867,730	644,011
		Usage (kWh)	417,357	530,265	644,011	867,730	644,011
		Usage Rate (%)	100	100	100	100	100
	Total (TJ)	Total (TJ)	4.01	5.09	6.24	13.62	6.24
	Energy Intensity (TJ/KRW 100mn)	Energy Intensity (TJ/KRW 100mn)	0.0027	0.0040	0.0040	0.0073	0.0039
Total Energy (Renewable + Non-renewable)	Total (TJ)	Total (TJ)	477.01	472.09	520.13	584.61	529.38
	Energy Intensity (TJ/KRW 100mn)	Energy Intensity (TJ/KRW 100mn)	0.32	0.37	0.33	0.31	0.33

※ Effective from 2025, performance for two sales offices (Hwaseong, Icheon) newly included in the reporting scope has been reflected.

Water Resource Management

Category			2022	2023	2024	2025	2025 Target
KoMiCo Anseong Plant (Building S/D)	Water Withdrawal (tons)	Water Supply	75,181	73,048	71,355	84,903	72,639
	Consumption (tons)		90,218	76,701	71,355	86,001	72,639
	Discharge (tons)		68,400	59,447	64,476	84,654	65,637
	Reuse (tons)		15,037	3,652	0	1,098	0
KoMiCo Anseong Plant (Building F)	Water Withdrawal (tons)	Water Supply	123,332	114,334	111,296	133,758	113,299
	Consumption (tons)		144,981	120,051	188,119	184,874	191,505
	Discharge (tons)		80,957	74,522	69,368	85,541	70,617
	Reuse (tons)		21,649	5,717	76,823	51,116	78,206
Total	Water Withdrawal (tons)	Water Supply	198,513	187,382	182,651	218,661	185,939
	Consumption (tons)		235,199	196,751	259,474	270,875	264,145
	Discharge (tons)		149,357	133,969	133,844	170,195	136,253
	Reuse (tons)		36,686	9,369	76,823	52,214	78,206
Water Intensity (tons/KRW 100mn)			160	155	165	144	164

※ No surface water or groundwater was withdrawn as a water source.
※ Reuse volume: Cooling water and deionized water (DIW) are recovered and reused within the Company's operations.
※ Data for Building B and the sales offices is not included, as water usage could not be measured separately.

Chemical Management

Category		2022	2023	2024	2025	2025 Target
Chemical Consumption (tons)	KoMiCo Anseong Plant (Building S/D)	600	510	622	670	633
	KoMiCo Anseong Plant (Building F)	398	211	185	178	188
	Total	998	721	807	848	821
Major Hazardous Chemical Releases (Cases)		-	-	-	-	-

※ This data are prepared based on performance reports submitted through the Chemicals Information System operated by the Ministry of Environment and the National Institute of Chemical Safety (NICS).
※ Building B and the sales offices are business sites that do not use hazardous chemical substances.

Pollutant Management

Category			2022	2023	2024	2025	Unit
Air Pollutant Emissions	KoMiCo Anseong Plant (Building S/D)	Sulfur Oxides (SOx)	0.01	0.28	0.42	0.62	ton
		Nitrogen Oxides (NOx)	6.99	9.20	2.83	3.60	ton
		Dust	0.31	0.65	0.60	0.85	ton
	KoMiCo Anseong Plant (Building F)	Sulfur Oxides (SOx)	0.09	0.02	0.08	0.04	ton
		Nitrogen Oxides (NOx)	0.13	0.36	1.03	0.68	ton
		Dust	0.56	0.52	0.92	0.40	ton
Water Pollutant Emissions	KoMiCo Anseong Plant (Building S/D)	Chemical Oxygen Demand (COD)	-	-	-	-	ton
		Total Organic Carbon (TOC)	1.1	0.1	0.1	0.125	ton
		Suspended Solids (SS)	0.650	0.594	0.219	0.125	ton
		Total Nitrogen (T-N)	0.736	0.311	0.509	0.250	ton
		Total Phosphorus (T-P)	0.002	0.002	0.001	0.000	ton
	KoMiCo Anseong Plant (Building F)	Chemical Oxygen Demand (COD)	-	-	-	-	ton
		Total Organic Carbon (TOC)	0.3	0.6	0.5	0.368	ton
		Suspended Solids (SS)	0.304	0.537	0.416	0.321	ton
		Total Nitrogen (T-N)	1.080	0.75	0.593	0.376	ton
		Total Phosphorus (T-P)	0.001	0.0003	0.0007	0.00021	ton

※ Air Pollutants
- This data are prepared based on air pollutant emissions reported through the Air Emissions Management System operated by the National Center for Fine Dust Information under the Ministry of Environment.
- Building B and the sales offices are not subject to the Air Emissions Management System (excluded from aggregation).

※ Water Pollutants
- This data are prepared based on water pollutant emissions reported through the Nationwide Pollution Source Survey System operated by the National Institute of Environmental Research (NIER) under the Ministry of Environment.
- All wastewater from Building B is outsourced for treatment, and the sales offices are business sites that do not generate pollutants (excluded from aggregation).

Raw and Auxiliary Materials Management

Major Raw and Auxiliary Materials	2022	2023	2024	2025	Unit
Chemical	1,132,405	747,129	847,174	978,610	Kg
Coating Powder	36,770	41,288	44,661	52,208	Kg
Others	3,077,884	1,761,671	2,269,920	4,625,051	Kg
Total	4,247,059	2,550,088	3,161,755	5,655,869	Kg

※ Raw and Auxiliary Materials
- Calculated based on the quantities of raw and auxiliary materials issued for production, including chemicals, powders, and plastic films.

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04 Eco-friendly Supply Chain

Sustainable Supply Chain Policy

KoMiCo strives to strengthen the competitiveness of its partners through shared growth activities, in order to foster a fair and transparent trading environment and enhance supply chain sustainability.

Selection of New Suppliers

The Company identifies excellent partners through a transparent and fair selection process and classifies and registers them as either general suppliers or strategic suppliers.

For strategic suppliers, the Procurement Team determines suitability through a preliminary evaluation of quality, technology, environmental safety, and other factors by supplier type before finalizing registration. Following registration, KoMiCo works closely with suppliers to promote continuous quality improvement and conducts periodic operational performance evaluations after at least one year of engagement.

Supplier Performance Evaluation (Annual; Procurement, Quality, and Environment)

KoMiCo conducts an annual performance evaluation and manages risk for strategic suppliers with a certain level of transaction volume. Excellent partners are provided with incentives, such as opportunities to expand the range of supplied products, while underperforming partners are required to make improvements, with the status of those improvement actions continuously managed.
* A strategic supplier refers to a supplier of items that directly affect KoMiCo's product quality.

Supply Chain Risk Management

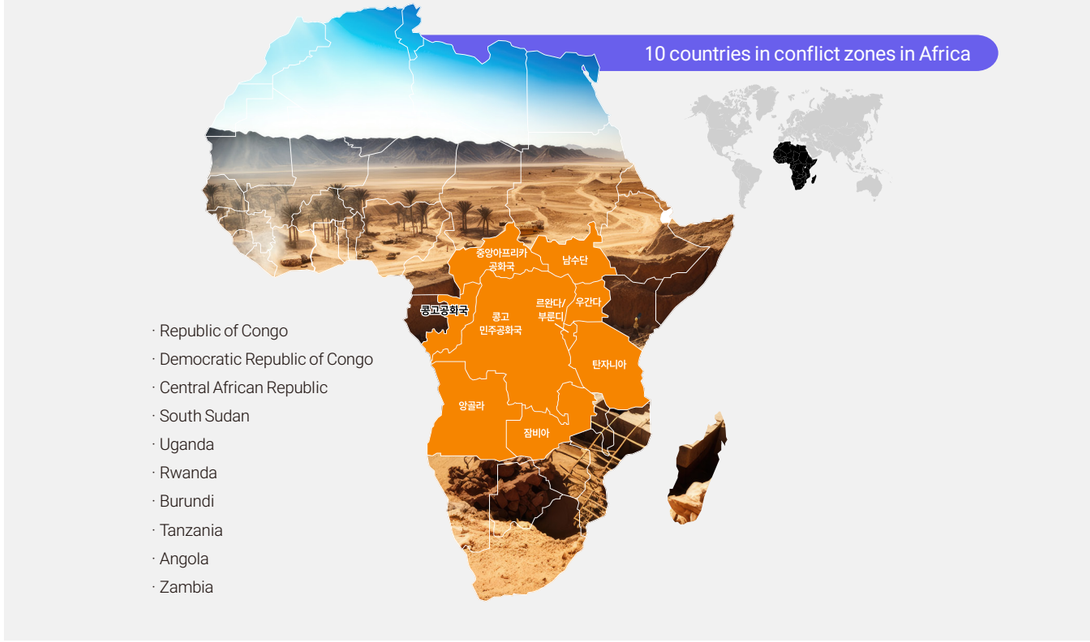
For sustainable supply chain management, the Company proactively identifies risk factors and establishes countermeasures and emergency response plans. To enable effective emergency response, the Company continuously reviews diversification of suppliers for each product to ensure supply chain stability. KoMiCo has introduced a sustainability assessment that reflects suppliers' ESG factors to strengthen the accountability and transparency of its supply chain.

Conflict Minerals Policy

Conflict Minerals

Conflict minerals refer to minerals such as tin, tantalum, tungsten, and gold that are produced in countries experiencing conflict, including the Democratic Republic of the Congo and its neighboring countries.

Funds generated from conflict minerals flow into armed groups within these countries, leading not only to the massacre of civilians but also to human rights violations such as child labor, forced labor, and abuse of women that can occur during the mining process.



KoMiCo ensures that conflict minerals are not included in the supply chain used to manufacture its products.

- The Company excludes the use of conflict minerals starting from the raw material procurement stage.
- The Company collects and manages information on whether conflict minerals are used and on the smelters of such minerals for partners that use the four key minerals.

The Company requires all partners to comply with KoMiCo's conflict minerals management policy.

- Partners must make good-faith efforts to identify the names and locations of all smelters from which conflict minerals within the supply chain have been purchased.
- If risks are identified within the supply chain, partners must take timely corrective action.

Conflict Minerals Management Process

STEP 1	STEP 2	STEP 3	STEP 4
Status survey on conflict minerals	Preparation/review of CMRT for partners	Request for improvement for non-certified smelters	Receiving and monitoring improvement plans from suppliers

GO TOGETHER! GREEN TOGETHER!

05 Stakeholder Communication

Eco-friendly Social Contribution Activities

Eco-friendly Social Contribution Activities

As a corporate citizen and member of society, KoMiCo practices environmentally friendly social contribution activities to preserve the local environment and serve as a positive example.

Each year, our employees actively participate in regular environmental cleanup activities around our business sites, helping reduce the local community's environmental impact from various types of litter.

2025 Environmental Cleanup Activities Around Business Sites

On April 29 and October 15, 2025, a total of 35 employees took part in two street cleanup activities around KoMiCo's two business sites in Anseong. Over the course of these 1.5-hour cleanup activities, the employees collected and disposed of litter and cigarette butts from the local area. As part of practicing its ESG management philosophy, KoMiCo will continue to carry out eco-friendly social contribution activities, including efforts to help build a clean local community.

KoMiCo Building F (around Gongdan-2-ro 23, Anseong)

KoMiCo Building S/D (around Mosan-ro, Anseong)

KoMiCo Occupational Health and Safety (OHS) Strategy

KoMiCo has established and is implementing a mid- to long-term roadmap and key occupational health and safety initiatives to achieve its goals of eliminating serious industrial accidents, preventing chemical incidents at the source, and creating a safe, healthy, and comfortable working environment. Through annual safety and health activities aligned with these targets, the Company aims to focus on achieving zero safety incidents and zero serious industrial accidents.

KoMiCo Key OHS Activities

Category	Content	Key Activities
OHS Management	Establishment and Compliance with OHS Standards	- Establishment of the OHS policy and mid- to long-term objectives
		- Establishment and revision of OHS regulations
		- Management of OHS laws and regulations
	Operation of the OHS Organization and Budget Management	- Appropriate appointment of safety managers and occupational health managers
		- Appointment and delegation of authority to responsible personnel, including the head of OHS management and supervisors
		- Establishment and operation of a dedicated OHS organization
		- Planning and execution of the OHS budget
Accident Prevention Activities (Safety Incidents and Serious Industrial Accidents)	Elimination of Hazards and Risk Factors	- Management and oversight of risk assessments
		- Identification of hazards and implementation of risk mitigation measures
		- Routine workplace inspections and safety audits (by safety managers, the CEO, etc.)
	Mandatory Statutory Training	- Management of regular, ad hoc, and special OHS training programs
		- Achievement of a 100% completion rate for mandatory job-specific training by appointed personnel
	Consultation with Employees and Partners	- Operation of partner council meetings (monthly)
		- Implementation of hazard identification and risk mitigation through joint inspections with suppliers (quarterly)
		- Collection of employee feedback through the operation of the suggestion system
		- Operation of the OHS committee (quarterly)
	Implementation Monitoring	- Implementation of compliance audits for OHS obligations (semi-annually)
		- Monitoring compliance with OHS laws and regulations
		- Routine and ad hoc inspections of hazards and risk factors
		- Performance evaluation of suppliers and contractors

Establishment of Mid- to Long-term OHS Goals and Performance Indicators

Achieve Zero Safety Incidents through Accident Prevention by 2035			
Target Period	Short-term	Mid-term	Long-term
Base Year	2025	2026~2030	2031~2035
Key Goal	Establish a self-directed safety management system	Build a smart OHS system (using AI and IoT)	Establish a safety culture and a data-driven safety management system
Detailed Task 1	Implement self-directed preventive activities	Introduce smart safety equipment and programs	Manage and operate safety incident data
Performance Indicator	Conduct at least one preventive activity	Implement at least 1 smart safety facility	Conduct and report at least 1 safety incident trend analysis
Detailed Task 2	OHS improvement activities	Introduce AI-based program (including pilot testing)	Utilize the internal BI system
Performance Indicator	At least 80 OHS improvement cases	At least 1 case	Operate and implement a data management system
Detailed Task 3	OHS improvement suggestion activities	OHS improvement activities using the intranet	OHS Guidelines
Performance Indicator	At least 15 cases	At least 1 case	Establish OHS Guidelines

Management of OHS-related Indicators

Occupational injury rate = (Number of occupational injuries / Number of employees covered by workers' compensation insurance) × 100

Target	Category	2023	2024	2025
KoMiCo	Occupational injury rate (%)	0.62	0.14	0.56
Partner 1 – Wastewater treatment	Occupational injury rate (%)	0	0	6.67
Partner 2 – Security and cleaning	Occupational injury rate (%)	0	0	0.09
Partner 3 – In-house cafeteria	Occupational injury rate (%)	0	0	20
Partner 4 – In-house cafeteria	Occupational injury rate (%)	0	0	0
Partner 5 – Commuter bus	Occupational injury rate (%)	0	0	0

▶ Based on the annual workplace occupational injury rate data provided by the Korea Occupational Safety and Health Agency (KOSHA).

Engagement of Employees and Partners

To create a safe and pleasant working environment and ensure that both KoMiCo employees and partner employees can participate in OHS policies and key decision-making processes, KoMiCo operates appropriate consultation bodies and committees. The Company conducts intranet bulletin boards and joint inspections to gather a wide range of opinions for OHS improvement.

Category	Detail	Frequency	Remarks
Statutory committees and employee consultation channels	OHS Committee	Quarterly	- Workplaces with 100 or more permanent employees
	Labor-Management Council	Quarterly	- Promote activities to improve working conditions and facilitate consultation between management and employees
	OHS Consultative Body	Monthly	- Collect feedback from suppliers and implement improvement initiatives
	Joint Council Inspection	Quarterly	- Identify and mitigate workplace hazards and risk factors
	Employee suggestion system	Ongoing	- Collect employee requests and suggestions on occupational health and safety through the company intranet and implement improvements

Annual Performance

Category	Year	Improvement Performance	Remarks
Joint Council Inspection	2022	78% completed	- 32 of 41 cases completed (as of end of 2022)
	2023	68% completed	- 21 of 31 cases completed (as of end of 2023)
	2024	61% completed	- 11 of 18 cases completed (as of end of 2024)
	2025	60% completed	- 9 of 15 cases completed (as of end of 2025)
Employee suggestion system	2022	17 cases	- Implementation of improvement suggestions submitted through the intranet
	2023	51 cases	- Implementation of improvement suggestions submitted through the intranet
	2024	28 cases	- Implementation of improvement suggestions submitted through the intranet
	2025	18 cases	- Implementation of improvement suggestions submitted through the intranet

GO TOGETHER! GREEN TOGETHER!

06 Others

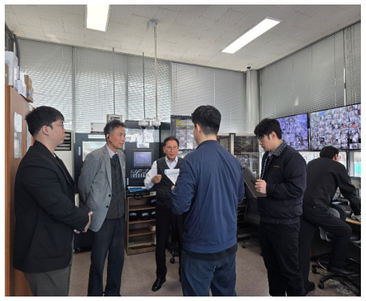
ESH Improvement Activities

KoMiCo systematically manages environmental, occupational health, and safety (EHS) hazards and risks, and continuously implements improvement initiatives to prevent occupational injuries and illnesses while minimizing environmental impacts.

CEO-led Inspections

Routine workplace inspections

Partner Management Compliance Inspections



Firefighting Drills

Chemical Spill Response Drills

Cardiopulmonary Resuscitation (CPR) Practical Training

One-on-One Manual Therapy Program

Musculoskeletal Disorder Prevention Program

Smoking Cessation Clinic

ESG Evaluation/Certification

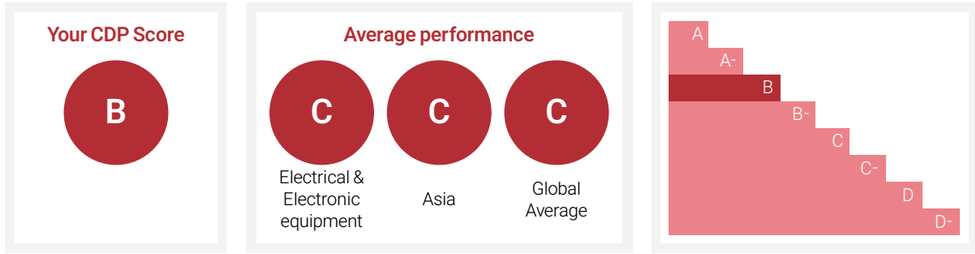
ESG Rating

한국ESG기준원

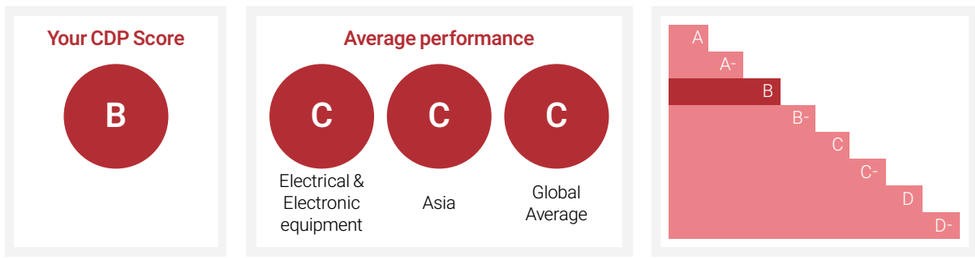
	Integrated Rating	Environmental	Social	Governance
25Y	B (KCGS 2025)	A (KCGS 2025)	B+ (KCGS 2025)	C (KCGS 2025)
24Y	B (KCGS 2024)	A (KCGS 2024)	B (KCGS 2024)	C (KCGS 2024)
23Y	B+ (KCGS 2023)	A (KCGS 2023)	B+ (KCGS 2023)	B+ (KCGS 2023)

ESG Rating

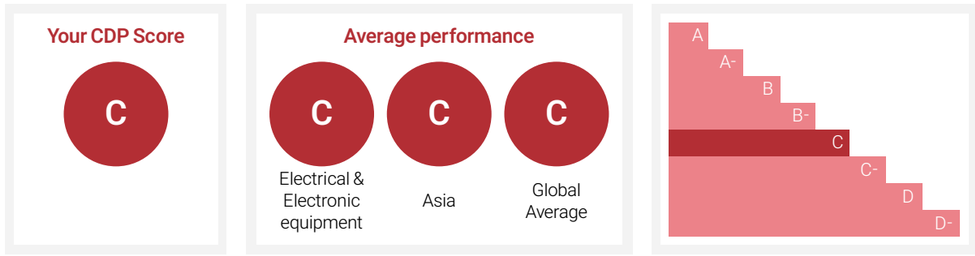
2025 Climate Change



2024 Climate Change



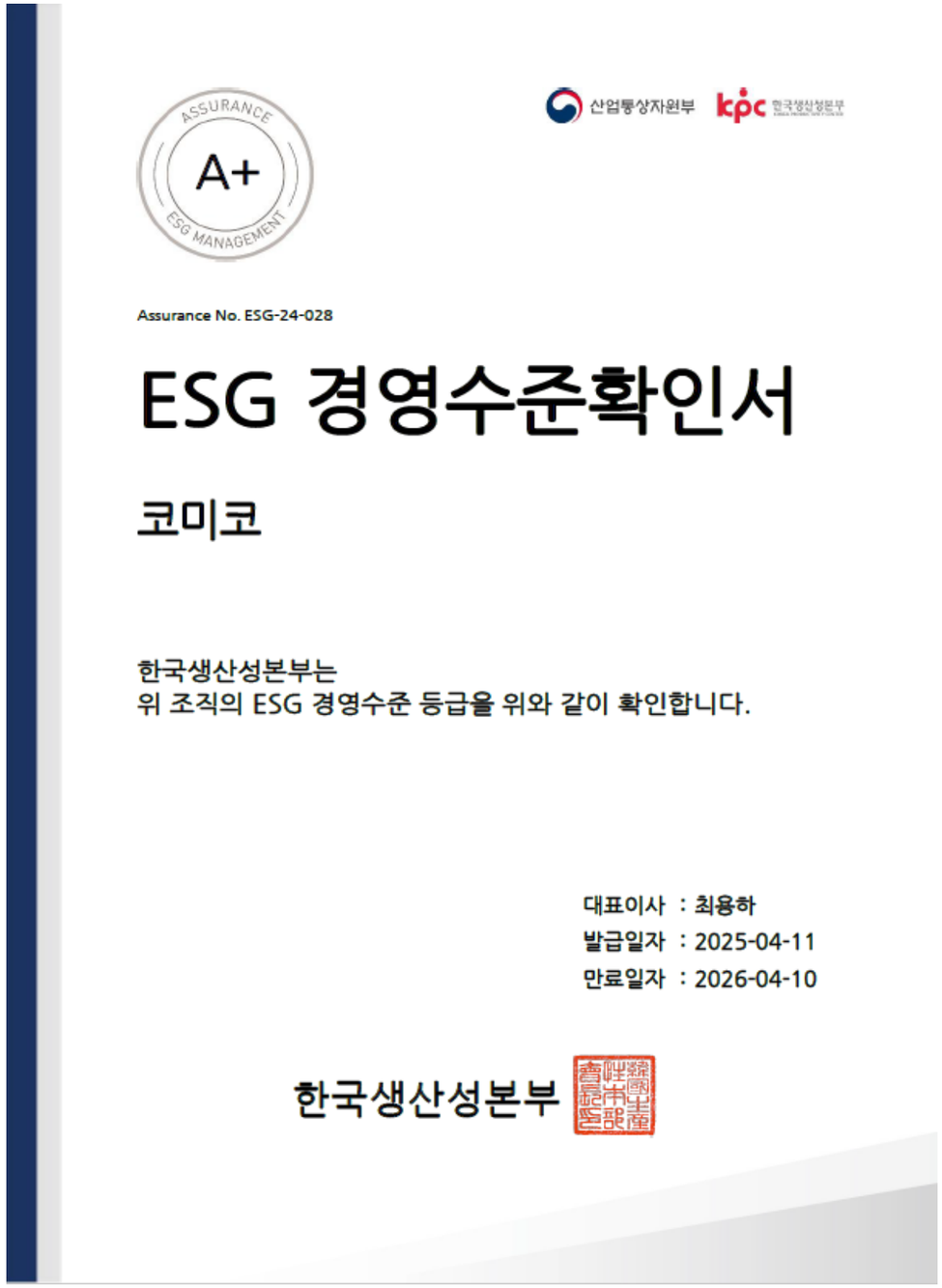
2023 Climate Change



The Carbon Disclosure Project (CDP) is an international non-profit organization that assists companies, cities, and regions in disclosing their environmental impacts. The CDP provides a platform for measuring, managing, and sharing essential environmental data, with a primary focus on carbon emissions, water usage, and forest management. Its goal is to enhance transparency regarding environmental data and support data-driven decision-making.

KoMiCo first participated in the CDP Survey in 2023 and received a B grade in 2024 and a B grade in 2025, representing a two-level improvement compared to when it first began in 2023. The evaluation results can be found on the CDP website. (Link: https://www.cdp.net/en/data/scores#public-scores)

ESG Rating



ESG Certification

E (Environmental)

Environmental Management System (ISO 14001)

KMR

인증번호: REM3206

Certificate of Registration

환경경영시스템 인증서

(주)코미코

· 본　사: 경기 안성시 모산로 8
· 6공장: 경기 안성시 공단2로 23

적용표준

KS I ISO 14001:2015/ISO 14001:2015

인증범위

반도체 장비 및 부품, LCD, LED 장비 및 부품, 솔라장비 및 부품에 대한 기술개발, 제조, 세정 및 코팅서비스

위와 같이 환경경영시스템 표준에 적합함이
한국경영인증원에 의해 인증되었음을 증명함.

2026년 1월 31일

유효기간 : 2026. 1. 31 ~ 2029. 1. 30

KMR ISO 14001 | IAF | KAB KAB-EC-17 | (주)한국경영인증원

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• QR코드를 스캔하여 업체명을 검색하시면 인증 유효성을 확인하실 수 있습니다.
• 최초인증일자:2002. 10. 5/ 갱신승인에 따른 재발급

ESG Certification

E (Environmental)

Energy Management System (ISO 50001)

KMR

인증번호: REnM0013

Certificate of Registration

에너지경영시스템 인증서

(주)코미코

· 본　사: 경기도 안성시 모산로 8
· 6 공 장: 경기도 안성시 공단2로 23

적용표준

KS A ISO 50001:2018/ISO 50001:2018

인증범위

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2025년 12월 1일

인증승인일자 : 2025. 12. 1.　　인증유효일자 : 2028. 11. 3.

KMR ISO 50001 | KAB KAB-EN-07 | (주)한국경영인증원

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• 최초인증일자:2019. 11. 4. (KMR)/ 갱신승인에 따른 재발급

ESG Certification

S (Social)

Safety and Health Management System (ISO 45001)

인증번호: ROH1866

Certificate of Registration

안전보건경영시스템 인증서

(주)코미코

· 본　사: 경기 안성시 모산로 8
· 6공장: 경기 안성시 공단2로 23

적용표준

KS Q ISO 45001:2018/ISO 45001:2018

인증범위

반도체 장비 및 부품, LCD, LED 장비 및 부품, 솔라장비 및 부품에 대한
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2026년 1월 31일

유효기간 : 2026. 1. 31 ~ 2029. 1. 30

ISO 45001 | KAB·QC12 | (주)한국경영인증원

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*최초인증일자:2017. 1. 31/ 갱신승인에 따른 재발급

ESG Certification

S (Social)

Quality Management System (ISO 9001)

인증번호: RQM0563

Certificate of Registration

품질경영시스템 인증서

(주)코미코

· 본　사: 경기 안성시 모산로 8
· 6공장: 경기 안성시 공단2로 23

적용표준

KS Q ISO 9001:2015/ISO 9001:2015

인증범위

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2026년 1월 31일

유효기간 : 2026. 1. 31 ~ 2029. 1. 30

ISO 9001 | KAB·QC17 | (주)한국경영인증원

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*최초인증일자:2002. 2. 21/ 갱신승인에 따른 재발급

ESG Certification

E (Environmental)

Third-Party Verification of GHG Emissions at Business Sites

DNV

제 3 자 검증 의견서

[(주)코미코]

서문

㈜디엔브이비즈니스어슈어런스코리아(이하, DNV)는 ㈜코미코(이하, 회사)의 온실가스 성명서에 대해 제 3 자 검증을 수행하였습니다. 회사는 'WRI/WBCSD GHG Protocol: A Corporate Accounting and Reporting Standard', 'IPCC Guidelines: 2006' 에 근거한 온실가스 성명서를 준비할 책임이 있으며, 온실가스 성명서 내용에 모든 책임을 가지고 있습니다. DNV 는 본 검증 의견서와 관련하여 계약 조건에 따라 검증 계약당사자를 제외한 제 3 자에 대하여 어떠한 책임도 지지 않습니다.

검증 목적 및 범위

본 검증의 목적은 회사의 온실가스 성명서에 대해 독립된 검증의견을 제시하는데 있으며, 검증 범위는 아래와 같습니다.

- 조직경계 : (주)코미코 국내사업장
- 운영경계 : Scope 1(직접배출), Scope 2(간접배출)
- 보고대상 기간 : 2025.01.01 ~ 2025.12.31

검증 방식

본 검증은 'ISO 14064-3:2019'의 검증 원칙과 기준에 따라 제한적 보증수준 하에서 수행되었습니다. DNV 는 회사가 보고한 온실가스 성명서의 완성에 대한 검증 의견을 제시하는데 필요한 정보와 데이터를 얻기 위하여 검증 계획을 수립하였으며, 검증결론은 중요성 평가 기준 5%를 적용하여 의견을 도출하였습니다. 검증 프로세스의 부분으로 다음 사항을 확인하였습니다.

- 온실가스 데이터 관리 및 수집, 배출량 산정 및 보고 프로세스의 적정성
- 온실가스 인벤토리는 측정값을 기초로 작성되었으며, 보고된 데이터의 수치를 계산, 추정, 확정하는 과정에서 발생할 수 있는 고유의 한계를 내포하고 있음

결론

회사의 온실가스 성명서와 관련한 정보를 검증기준에 따라 검증한 결과, 부적절하게 산정되거나 중대한 오류를 포함하고 있다고 판단할 만한 사항은 발견하지 못하였습니다.

- 온실가스 배출량에 대한 '적정' 의견을 제시합니다.

(단위: ton CO_2eq)

2025년	직접배출(Scope 1)	간접배출(Scope 2)	총 배출량
㈜코미코	2,802.2	24,239.0	27,041

※ 상기의 '총배출량'은 소수점 처리로 인해 직접 및 간접 배출량 합산 값과 차이가 발생할 수 있음.

※ 상기의 '총배출량'에 드라이아이스 사용에 의한 배출량이 제외되었음.

2026 년 3 월 16 일

대표이사 이 장 섭

㈜디엔브이비즈니스어슈어런스코리아

본 외부 검증인의 검증의견서는 의견서 발행일 현재로 유효한 것입니다. 의견서 발행일 이후 본 의견서를 열람하는 시점 사이에, 온실가스 배출량 산정에 중요한 영향을 미칠 수 있는 사건이나 상황이 발생할 수 있으며, 이로 인하여 본 검증의견서가 수정될 수도 있습니다.

DNV Business Assurance Korea : 서울특별시 종로구 종로 1, 교보빌딩 18F

PRJN-1094306-06-AST-KOR

ESG Certification

S (Social)

Information Security Management System (ISO 27001)

bsi.

Certificate of Registration

INFORMATION SECURITY MANAGEMENT SYSTEM - ISO/IEC 27001:2022

This is to certify that:

KoMiCo Ltd.
8, Mosan-ro
Anseong-si
Gyeonggi-do
17567
Republic of Korea

Holds Certificate No: **IS 700412**

and operates an Information Security Management System which complies with the requirements of ISO/IEC 27001:2022 for the following scope:

The provision of precision cleaning, special coating and quality analysis services for semiconductors, displays, and solar-photovoltaic industries including sales, development, quality, operation, production, management support, management planning, IT(information technology) operation and service. This is in accordance with the statement of applicability version 2.0 dated on 25 June 2024.

For and on behalf of BSI:

Michael Lam, Managing Director Assurance - APAC

Original Registration Date: 2018-10-26
Latest Revision Date: 2024-10-15

Effective Date: 2024-10-26
Expiry Date: 2027-10-25

Page: 1 of 2

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Climate Change Risk Scenario Analysis

Analysis Overview

Category	Content
Target Organization	KoMiCo Co., Ltd. Anseong Corporation
Target Business Sites	8 Mosan-ro, Anseong-si, Gyeonggi-do; 23 Gongdan-2-ro, Anseong-si, Gyeonggi-do
Main Business	Cleaning and Coating of Semiconductor Components
Analysis Conducted	April 2026
Analysis Reference Data	Key environmental and energy performance and climate change response activities from 2023 to 2025
Analysis Scope	Anseong Corporation's major domestic business sites, key processes, energy use, GHG emissions, water and wastewater management, and customer and supply chain requirements
Analysis Method	Qualitative and semi-quantitative analysis based on publicly available climate scenarios. Risks and opportunities are reviewed based on likelihood, business impact, and time horizon
Review and Reporting	Participation of relevant departments including environmental safety, facilities, procurement, and production, with reporting to the CEO

Applied Scenarios and Analytical Perspective

Category	Scenarios Used	Key Analytical Perspective
Low-Carbon Transition Scenario	SSP1-2.6, IEA NZE 2050, NGFS Net Zero 2050	Review of transition risks, including stricter GHG regulations, client supply chain carbon management requirements, expansion of renewable energy, and electricity cost and investment burden
High-Carbon/Climate Deterioration Scenario	SSP5-8.5, NGFS Current Policies	Review of physical risks, including heat waves, heavy rainfall, heavy snowfall, water supply instability, and potential equipment operation disruptions

The analysis period was divided into short-term (until 2030), mid-term (until 2050), and long-term (until 2100), with impact levels indicated as LOW, MID, or HIGH. This analysis is a simplified assessment based on publicly available scenarios and internal operational data and is planned to be enhanced into a quantitative financial impact analysis in the future.

Key Environmental and Energy Status

Year	Electricity Usage (kWh)	Scope 1	Scope 2	Total Emissions	Tap Water Usage (tons)	Water Reuse Volume (tons)
2023	44,051,405	2,359	20,238	22,597	196,751	9,369
2024	49,209,520	2,434	22,607	25,041	259,474	76,823
2025	52,761,107	2,802	24,239	27,041	270,875	52,214

Over the recent three years, GHG emissions have shown a structure highly sensitive to changes in electricity usage and electricity emission factors, due to the high proportion of Scope 2 emissions. The increase in electricity usage and Scope 2 emissions in 2025 highlights the need for energy efficiency improvements, expanded renewable energy, and stronger electricity usage management.

Renewable Energy and Climate Change Response Activities

Category	Key Activities	Expected Effects
Solar Power Generation Facilities	Installed progressively since 2021 on business site and parking lot roofs, walkways, and other areas. Cumulative installed capacity of 1,353kW as of 2025	Partial replacement of purchased electricity, foundation for Scope 2 reduction, mitigation of electricity cost volatility risk
Fuel Cell Facility	100kW installed at Building F2 in 2021, operated on a self-consumption basis	Securing distributed power generation, mitigating power peaks, and enhancing power supply stability. The GHG impact will be quantified in the future by comprehensively considering power generation volume and fuel usage
Energy Efficiency Improvement	Conversion to high-efficiency LED lighting, application of inverters, waste heat recovery, optimal temperature operation for cooling/heating, compressor leak inspections, and optimized operation of HVAC and wastewater treatment facility equipment	Reduced electricity usage, mitigated risk of rising energy costs, response to client carbon management requirements
Water Management and Reuse	Water reuse, condensate recycling, wastewater treatment automation, and water quality monitoring	Response to risks of water shortage and rising water treatment costs
Extreme Weather Response	Inspection of sumps, drainage pumps, and stormwater channels; working environment management for heat waves and cold snaps; operation of emergency generators and UPS	Mitigation of risks from heavy rainfall, heavy snowfall, power outages, and equipment operation disruption

Climate Change Risk and Opportunity Analysis

Category	Risk/Opportunity	Details	Potential Financial Impact	Response Strategy	Short-term	Mid-term	Long-term
Physical Risk	Heat Waves and Rising Average Temperature	Increased summer cooling load and potential deterioration of working conditions	Increased electricity costs, reduced productivity, increased working environment management costs	Cooling system inspections, optimal temperature operation, heat-related illness prevention measures	MID	MID	HIGH
Physical Risk	Heavy Rainfall/Heavy Snowfall	Potential operational disruption, facility damage, and logistics delays due to extreme weather	Increased recovery costs, delivery delays, losses from operational disruption	Drainage facility inspections, emergency response system operation, emergency generator/UPS management	MID	MID	HIGH
Physical Risk	Water Supply Instability	Potential water supply disruption for water-intensive processes such as cleaning and DI equipment	Production disruption, quality risk, increased water treatment costs	Expanded water reuse, wastewater treatment stabilization, water quality monitoring	LOW	MID	HIGH
Transition Risk	Increased Electricity Cost and GHG Management Burden	High sensitivity to electricity rates and emission factor changes due to high electricity usage and Scope 2 share	Increased energy costs, increased reduction investment costs	Energy efficiency improvement, solar power expansion, optimized equipment operation	MID	HIGH	HIGH
Transition Risk	Stricter Client Supply Chain Carbon Management Requirements	Expanding client requirements such as CDP, RBA, RE100, SBTi, and emissions submission	Increased response costs, risk to order/transaction continuity	GHG verification, management of reduction targets, response to client data requests	MID	HIGH	HIGH
Transition Risk	Increasing Need for Supply Chain ESG Management	Need to advance partners' environmental and climate data management	Increased partner management costs, burden of responding to client evaluations	Data collection focused on key partners, improvement of evaluation criteria, training support	LOW	MID	HIGH
Opportunity	Expansion of Renewable Energy	Progressive solar power installation and plans for future additional installation	Mitigation of electricity cost volatility risk, strengthened foundation for Scope 2 reduction	Review of additional 1,000kW solar power installation in 2027-2029	MID	MID	HIGH
Opportunity	Resource Efficiency and Water Reuse	Pursuing reuse and water treatment efficiency improvement in water-intensive processes	Potential savings in water and wastewater treatment costs, strengthened business continuity	Expanded water reuse, wastewater treatment automation, water quality monitoring	MID	MID	HIGH

Note: Impact levels are relative assessments based on qualitative/semi-quantitative criteria rather than quantitative monetary amounts and are categorized as LOW/MID/HIGH considering business impact and likelihood.

Key Analysis by Scenario

Category	Key Assumptions and Risks	Analysis
Low-Carbon Transition Scenario	Stricter GHG regulations, expansion of renewable energy, stricter client supply chain carbon management requirements	Due to a Scope 2-centered emission structure and increasing electricity usage, energy efficiency improvement and renewable energy expansion were identified as key response priorities
High-Carbon/Climate Deterioration Scenario	Expansion of physical risks such as heat waves, heavy rainfall, heavy snowfall, and water supply instability	Given the nature of cleaning, coating, and DI equipment processes, stable water supply and wastewater treatment reliability are critical, requiring maintenance of an extreme weather response system
Supply Chain Perspective	Growing client requirements for RE100, SBTi, and carbon emissions submission, and increasing need for partner data management	It is necessary to enhance the Company's ability to respond to client requirements by strengthening GHG verification, self-directed reduction targets, and key partners' environmental/ESG management systems

Future Plans

- Update the climate change scenario analysis annually and improve the analysis scope and data quality progressively.
- Quantify the reduction effects of solar power generation, self-consumption, and energy-saving activities to advance the GHG reduction performance management system.
- Progressively review physical risk and financial impact estimation by business site.
- Pursue improvements in partners' environmental and ESG data collection and evaluation systems to respond to client supply chain carbon management requirements.

Limitations of the Analysis

This analysis is a simplified assessment based on internal operational data for the Anseong entity and publicly available global scenarios. Quantified financial impact by risk, physical risk modeling based on business site coordinates, and product-level carbon footprint and full supply chain emissions analysis are managed as future improvement tasks.

Key Scenarios and Frameworks as References

- TCFD Recommendations and Climate Scenario Analysis Guidance
- IPCC SSP1-2.6 and SSP5-8.5
- IEA Net Zero Emissions by 2050 Scenario
- NGFS Net Zero 2050 and Current Policies Scenarios

KoMiCo