

Leading Sustainable
Auto Parts

Sustainability Report 2026

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This report is available for download on the Seoyon E-Hwa website. If you have any questions regarding the content, please contact the department listed above.

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Tel. +82 31 420 3200
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Environmental Management Policy

Seoyon E-Hwa has established an Environmental Management Policy to strengthen its sustainable management framework through environmentally focused management innovation. As a leading company in the automotive interior components industry, the Company proactively manages environmental risks throughout the entire product life cycle, from design and production to sales and distribution. Through its four key environmental management principles, Seoyon E-Hwa actively responds to global climate challenges while reinforcing its commitment to environmental stewardship. The Company has developed systematic management approaches for key environmental impact factors, including energy, greenhouse gas emissions, and water resources, with the objective of minimizing environmental burdens arising from its business activities. By integrating environmental considerations into its operations, Seoyon E-Hwa strives to create long-term sustainable value while contributing to a more sustainable future.

4 Core Environmental Management Guiding Principles

- 1



Establish core strategies to achieve carbon neutrality and continuously manage performance to meet our targets.
- 2



Practice resource recycling and energy reduction activities by developing eco-friendly materials, introducing eco-friendly processes, and improving process efficiency through automation.
- 3



Strictly comply with domestic and international environmental laws and conventions to fulfill the company's legal and social responsibilities for the environment.
- 4



Ensure all executives and employees recognize the seriousness of environmental issues and faithfully fulfill their responsibilities and duties regarding environmental improvement activities.

 [Environmental Management Policy](#)

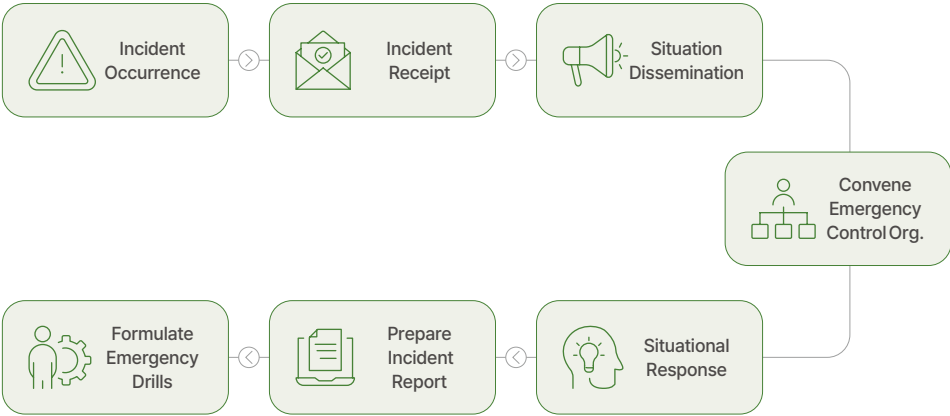
Compliance with Environmental Regulations

In response to evolving global environmental regulations, Seoyon E-Hwa continuously monitors domestic and international regulatory developments and manages compliance across all business sites. The Occupational Safety & Health Support Department closely tracks amendments to major environmental legislation, including the Clean Air Conservation Act and the Chemicals Control Act, as well as other applicable environmental regulations. Updates to environmental regulations are promptly reflected in our legal compliance registers and communicated to relevant business sites, enabling timely and effective responses to regulatory changes. Additional annual compliance assessments are conducted to proactively identify and mitigate potential compliance risks. Through systematic monitoring and site-level implementation, Seoyon E-Hwa has maintained a record of zero environmental law violations to date.

Environmental Incident & Emergency Response

Seoyon E-Hwa operates a structured emergency response process to effectively manage environmental risks arising from industrial incidents and natural disasters. To ensure timely reporting and communication in the event of an environmental incident, the Company has created clearly defined roles and responsibilities (R&R) for each relevant department. Following incident recovery, enhanced post-incident monitoring is conducted until pollutant concentrations are stabilized below the Company's internal standards. Furthermore, comprehensive root-cause analyses are performed to identify contributing factors and establish effective corrective and preventive actions. The lessons learned and preventive measures are subsequently incorporated into regular emergency response training programs, thereby strengthening the effectiveness and resilience of the Company's Environmental Management System (EMS).

Environmental Incident Management Process



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Environmental Management

Action & Performance

Environmental Management System Certification (ISO 14001)

Seoyon E-Hwa applies the basic PDCA (Plan-Do-Check-Act) cycle model to environmental management systems across all domestic and international business sites to implement overall environmental management and manage performance. Based on this, we have obtained the international standard ISO 14001 certification to operate our environmental management framework, and we are expanding the scope of management so that all business sites can achieve certification. Moving forward, Seoyon E-Hwa will comply with environmental laws across global operations and strive to minimize the environmental footprint in our operational processes based on the established environmental management system.

ISO 14001 Certification Status^{1*}

International Standard(ISO 14001)		Certified	Certification Rate	Expiration Date
Domestic	Ulsan Plant	●	100%	2027.08
	Asan Plant	●		2027.08
	Headquarters (Pyeongchon)	●		2027.08
China	Jiangsu Seoyon E-Hwa	●		2028.06
	Beijing Seoyon E-Hwa	●		2027.03
Europe	Assan Hanil (Site 1/2/3/4)	●		2027.07
	Seoyon E-Hwa Slovakia (Plant1/2)	●		2028.05
	Seoyon E-Hwa Poland	●		2027.03
India/Asia	Seoyon Summit India (Plant1/2/5)	●		2028.04
	Seoyon Summit Krishna Giri	●		2027.10
	Seoyon Summit Chennai	●		2027.04
	Seoyon Summit Pune	-		-
	Seoyon Summit Anantapur	●		2028.03
Overseas	Summit Seoyon Indonesia	●	85%	2027.07
	Seoyon E-Hwa Alabama (Plant1/2)	●		2027.10
	Seoyon E-Hwa Georgia	●		2027.03
	Seoyon E-Hwa Auburn	●		2027.09
	Seoyon E-Hwa Savannah	●		2028.12
	Seoyon E-Hwa Brazil	●		2027.05
	Seoyon E-Hwa Mexico	-		-
	Seoyon North America	-		-
	Seoyon E-Hwa Texas	-		-
		-		-

¹Only corporations established as of the end of 2025 that have obtained certification are listed.

Raising Employee Environmental Awareness

Seoyon E-Hwa provides a variety of environmental education programs for employees to support the continuous practice of eco-friendly management. We share global ESG management trends and our response status to help employees maintain a high level of understanding of the latest ESG issues. We disseminate knowledge for the safe handling and management of chemicals and the improvement of the working environment through hazardous substance safety management and MSDS education. In-depth education on Life Cycle Assessment (LCA) concepts and practical applications fosters comprehensive understanding and execution capabilities among employees, enhancing the professionalism of general environmental technology management. Seoyon E-Hwa plans to build a more diversified environmental management education system in the future to expand employee capabilities so that all executives and employees can fully recognize the value of carbon neutrality and realize carbon neutrality in their daily work.

Environmental Management Education Status (2025)

Course Name	Date	Content	Host	No. of Participant(s)	Training Method
Understanding ESG Management	4/25	ESG corporate introduction, disclosure trends, and our response status	Seoyon E-Hwa	9	In-house Group Training(Asan)
	9/19			21	In-house Group Training(Ulsan)
MSDS	8/13	Hazardous substance safety management & MSDS (HQ)		260	In-house Group Training
	9/22	Hazardous substances & MSDS education (Asan)		201	
		Understanding MSDS (Ulsan)		410	
Advanced Course for Training ESG Specialists	7/21~23	Education on calculating GHG emissions	Korea Environmental Industry & Technology Institute	1	In-house Group Training
Training Experts for Internal Practice of Carbon Neutrality	10/13~15	Establishing and practicing GHG reduction roadmaps		1	In-house Group Training
	11/28	Supply chain carbon management		1	
ESG & Carbon Neutrality Capability Measurement Course	4/15	Constructing site inventories and calculating GHG emissions	K-Mobility Bridge Foundation	1	In-house Group Training
	7/2	Understanding parts Life Cycle Assessment (LCA) calculation methods		1	
	8/13	Global carbon regulations and responses		1	
	11/20	Methods for establishing carbon reduction roadmaps		1	
ESG Business Practices	11/20~21	ESG understanding and field practice	Korea Standards Association	1	In-house Group Training
Environmental Technology	11/11	Environmental technology education for Air Environment Engineers (Facility Exemption)	Korea Environmental Preservation Institute	1	Remote
Environmental Technology	10/21~27	Environmental technology education for waste generators		1	

Environmental Impact Assessment of Suppliers

To respond to growing global expectations for carbon neutrality, Seoyon E-Hwa conducts environmental impact assessments of its suppliers to strengthen environmental risk management across its supply chain. In 2025, the Company carried out both document-based assessments and on-site audits for selected Tier 1 suppliers, focusing on key environmental performance indicators, including greenhouse gas emissions, hazardous chemical management, air emissions, water quality management, and waste management. The assessments were designed to quantitatively evaluate environmental impacts throughout the supply chain and identify practical improvement measures to minimize environmental risks. Particular emphasis was placed on analyzing environmental impacts across the supply chain and developing actionable risk mitigation strategies. Going forward, Seoyon E-Hwa will leverage the assessment data obtained to support suppliers in enhancing their environmental management capabilities and advancing their environmental management systems. Through these efforts, the Company aims to foster a more sustainable and responsible supply chain while reinforcing its commitment to environmental stewardship.



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Environmental Management

Environmental Management Strategic Framework

Seoyon E-Hwa recognizes environmental management as the foundation for sustainable growth. To minimize the environmental impacts arising from our business operations, we have systematically established our vision, mid-to long-term strategies, implementation methods, and detailed targets.

Vision

Mid-to Long-term Strategy

Implementation Method

Goals

Establishing a Sustainable Environmental Management System through Climate Action and Eco-centric Management

~2026
Establishing & Strengthening the Environmental Management Response System

- Strengthening compliance with environmental laws and employee training
- Formulating core strategies to achieve carbon neutrality
- Establishing an environmental management operational framework and expanding it horizontally



2027~2030
Advancing the Environmental Management Response System

- Advancing the carbon neutrality roadmap
- Building and utilizing ESG data systems
- Practicing resource recycling and energy reduction activities



2031~2035
Building a Sustainable Environmental Management System

- Responding to carbon neutrality through the introduction of renewable energy facilities
- Establishing a circular economy system through eco-friendly products
- Continuous monitoring of domestic and international environmental laws and regulations



1 Waste Management Activities

- Improving waste recycling rates
- Conducting waste management awareness education



2 Water Management Activities

- Promoting water-use efficiency
- Public relations activities for conservation and recycling practices



3 Electricity Consumption Management Activities

- Managing peak electricity demand
- Establishing an integrated energy monitoring system



4 Biodiversity Assessment

- Conducting impact and risk assessments
- Mitigating and improving major risks



Management Target	Detailed Action Plan	Unit	-2026	2027-2030	2031-2035
Waste Generation	Reducing waste generation through separate collection of waste and recyclables, and improving defect rates	Ton / KRW 100M	0.017	0.015	0.013
Water Consumption	Reducing consumption through conservation and recycling practices		3.14	2.78	2.39
Energy Consumption	Saving energy by managing electricity consumption at peak times and establishing an integrated monitoring system	TJ / KRW 100M	0.0078	0.0075	0.0072
Biodiversity Assessment*	Identifying impacts of business activities on biodiversity	%	50	75	100

* Management Scope: Domestic and international corporate business sites

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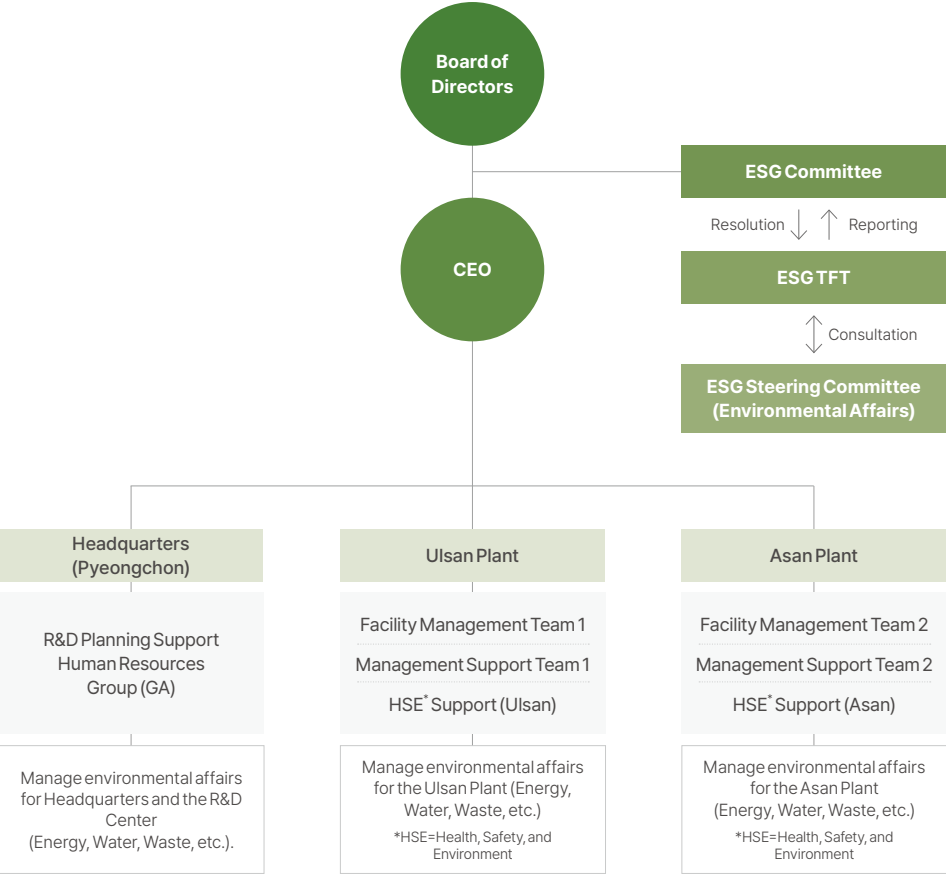
Climate Change

Governance

Climate Change Response Governance

Seoyon E-Hwa operates a company-wide climate change governance framework to strengthen the execution of its environmental management initiatives. Through this governance structure, the Company has established the foundation necessary to measure, monitor, and manage the performance of its climate change response activities. Seoyon E-Hwa continuously enhances its response processes to address emerging global sustainability issues and evolving domestic and international regulatory requirements.

Environmental Management Promotion Organizational System



Board of Directors & ESG Committee

The ESG Committee, operating under the Board of Directors as the Company's highest decision-making body, oversees and supervises sustainability-related matters, including environmental management and climate change response. The ESG Committee regularly reviews key climate and environmental agenda items and incorporates its findings into the establishment of company-wide policies, strategies, and objectives related to sustainability and climate action.

Chief Executive Officer(CEO)

The Chief Executive Officer (CEO), as the ultimate executive responsible for environmental management, oversees the Company's environmental management framework and climate-related initiatives. To enhance the transparency and effectiveness of strategic decision-making, the CEO has been delegated authority by the ESG Committee to establish environmental and climate-related goals and oversee their implementation. In this capacity, the CEO leads the execution of the Company's climate change response strategy and monitors progress toward achieving related objectives.

ESG Steering Committee & Working-level Organization

The ESG Steering Committee and the operational organizations responsible for environmental management implement annual environmental management strategies and related action plans and regularly report their performance and progress to the CEO. These organizations provide the operational foundation necessary to ensure the effective implementation and continuous monitoring of company-wide environmental management and climate change response activities. They also execute specific initiatives aimed at mitigating climate-related risks and strengthening the Company's environmental resilience.

ESG-related Board Agendas

Date	Category	Agenda Details
2024.05.14	Resolution (Approved)	Approval of budget usage based on the 2024 ESG Management Action Plan
	Reporting	Report on the results of 2023 ESG Management Consulting
	Reporting	Report on the 2024 ESG Management Action Plan
2024.08.13	Reporting	Report on the publication results of the 2024 Sustainability Report
	Reporting	Report on the roles and responsibilities of the ESG Committee
2024.11.12	Reporting	Report on ESG evaluation results (Supplier Supply Chain, KCGS, CDP S.C.)
	Reporting	Report on major ESG issues (2024 Training Plan for Outside Directors)
	Reporting	Report on the implementation results of the 2024 ESG Management Action Plan
2025.03.07	Reporting	Report on the 2025 ESG Management Action Plan (Including Budget)
	Reporting	Report on major ESG issues (2025 Training Plan for Outside Directors)
	Reporting	Report on the 2025 Double Materiality Assessment Results and Review to approve them.
2025.05.09	Resolution (Approved)	Report on the 2025 Double Materiality Assessment Results and Review to approve them.
	Reporting	Report on Key ESG Issues (Update on Greenhouse Gas Emissions Inventory and Calculation Status)
	Reporting	Report on Key ESG Issues (2025 Environmental Management Performance, Plans, and Target Setting)
2025.08.13	Reporting	Report on the Publication of the 2025 Sustainability Report
	Reporting	Mid-Year Progress Report on ESG Management Implementation in 2025 (Plan vs. Performance)
2025.12.12	Reporting	Report on ESG Assessment Results (Supplier Supply Chain, KCGS, and CDP S.C.)
	Reporting	Report on Key ESG Issues (Major Environmental Management Performance Results)

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Climate Change

Strategy

Climate Change Risks & Opportunities

Seoyon E-Hwa identifies risk and opportunity factors arising from climate change and analyzes their potential impacts. In accordance with the TCFD recommendations, we have classified climate-related risks into Transition Risks and Physical Risks. Furthermore, by linking global industry trends with those of our major customer companies, we have conducted scenario analyses on key risk and opportunity factors to evaluate their business and financial impacts and formulate corresponding response strategies.

* Short-term: 1 year, Medium-term: 1–5 years, Long-term: 5 years or more
** Expected level of impact: Low (L), Medium (M), High (H)

Category		Risk and Opportunity Factors	Potential Impacts on Seoyon E-Hwa	Short-term		Medium-term		Long-term	
				Likelihood	Impact	Likelihood	Impact	Likelihood	Impact
Transition Risks	Policy & Legal	Introduction of regulations on product lifecycle GHG emissions	• Increased costs for calculating and reducing product lifecycle emissions	L	M	H	M	H	M
		Mandatory sustainability disclosures related to climate change	• Increased operating costs due to GHG emission calculations and verification	L	M	H	M	H	M
	Technology	Costs of transitioning to low-carbon technologies	• Increased costs from introducing new low-carbon technologies or equipment • Increased R&D costs for low-carbon technology and product development	M	M	M	M	H	H
	Market	Shifts in customer behavior and perceptions	• Increased operating costs due to customer demands for low-carbon/recycled materials or renewable energy • Incurrence of renewable energy purchase costs to meet RE100 requirements	M	M	M	H	H	H
		Increased power and energy procurement costs	• Increased operating costs driven by rising electricity prices due to stricter GHG regulations • Incurrence of renewable energy purchase costs to meet RE100 requirements • Energy supply disruptions and cost spikes for gas and related resources due to global trends	M/H	M	H	M	H	H
	Reputation	Negative feedback from customers and stakeholders	• Decline in capital procurement capabilities and increased financing costs due to damaged corporate reputation	L	M	M	M	M	M
Physical Risks	Acute	Typhoons / Cyclones	• Asset damage and increased operating costs due to typhoons, flooding, etc.	L	M/H	L	M/H	M	M/H
		Flooding	• Shutdown of business sites (operational disruptions) or revenue declines due to supply chain bottlenecks caused by more frequent and intense climate disasters	M	M	M	M	H	M
		Heavy rain / Heavy snow	• Additional expenditure for disaster prevention activities and facility repairs	L	L	M	M/H	M	M/H
		Wildfires	• Additional expenditure for disaster prevention activities and facility repairs	L	M/H	M	M/H	M	M/H
	Chronic	Rising average temperatures	• Decline in productivity caused by rising average temperatures • Increased cooling and heating costs to protect worker safety and health	L	L	M	L	H	M
		Water scarcity	• Increased operating costs and revenue declines due to diminished production capacity caused by water shortages	L	L	M	L	M	M
Opportunities	Resource Efficiency	Introduction of highly efficient facilities	• Operational cost savings through the use of low-carbon/high-efficiency products and the deployment of advanced equipment	M	L	H	M	M	M
	Energy Source	Use of low-carbon energy sources	• Mitigation of fossil fuel price volatility risks and enhanced energy supply stability through solar power facility construction and PPAs	L	L	M	M	M	H
	Products/ Services	Development/expansion of low-carbon products and services	• Revenue growth driven by rising demand for low-carbon products • Preemptively occupy eco-friendly market niches through low-carbon product/technology development	M	M	H	M	H	H
	Market	Entering new markets	• Expanding market presence and business portfolios through low-carbon/eco-friendly technology and product foundations	L	L	M	M	M	M

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Climate Change

Transition Risk Management

Seoyon E-Hwa identifies transition risks and formulates corresponding strategies by identifying changes in policies, technologies, and market trends driven by climate change. To specify the potential impacts of transition risks, we apply the climate change scenarios of the International Energy Agency (IEA) and the Network for Greening the Financial System (NGFS) to our analysis. Based on the NGFS scenarios, we analyze future fuel and energy price volatilities. We evaluate the financial impact of increased power and energy procurement costs, selecting this as a core managed risk and monitoring it closely.

Introduction of Regulations on Product Lifecycle GHG Emissions

Seoyon E-Hwa identifies product GHG emission regulations in major countries—such as the EU Carbon Border Adjustment Mechanism (CBAM) and the US Clean Competition Act (CCA)—as major transition risks. Currently, some overseas subsidiaries fall under the scope of these regulations. In the case of EU CBAM, expanding the scope from intermediate goods like steel and aluminum to downstream products such as automotive parts is being considered, indicating a potential expansion of applicable corporate entities in the future. If the scope of regulatory application expands, operating cost increases are expected due to the establishment of Life Cycle Assessment (LCA) emission calculation systems and mitigation activities across all product stages. Consequently, the Company regularly monitors relevant laws and regulatory trends to identify potential target products. Furthermore, to prepare for potential regulatory inclusion, we are advancing our internal GHG emission calculation systems and establishing internal response foundations to formulate mitigation strategies.

Increased Power & Energy Procurement Costs

We have identified the rising costs of electricity and energy procurement—driven by stricter GHG regulations and eco-friendly energy transition trends—as a major transition risk. If regulations tighten, increased electricity unit prices are anticipated alongside additional operating costs for renewable energy procurement to achieve RE100. In response, the Company applies the NGFS climate change scenarios to analyze power cost growth rates and potential financial impacts in key operating countries (South Korea, the EU, the U.S., etc.). Based on these analysis results, we are reviewing company-wide energy efficiency improvements and renewable energy sourcing options. We also operate an energy procurement unit price volatility monitoring system to manage this risk.

Mandatory Climate-related Disclosures

Regulations on climate change disclosures, including domestic sustainability disclosure standards, are continuously expanding. Currently, the Company does not fall under the initial mandatory application size for domestic and international disclosures. However, considering the high likelihood of scope expansion in the future, we are closely monitoring disclosure-related regulatory trends. Furthermore, we are reinforcing our internal disclosure response foundations to proactively prepare for mandatory disclosure requirements.

Physical Risk Management

Seoyon E-Hwa utilizes objective scenarios and analytical tools to evaluate the impacts of climate-driven physical environmental changes on the Company. We apply the SSP (Shared Socioeconomic Pathways) scenarios of the Intergovernmental Panel on Climate Change (IPCC) to predict risks associated with future climate change. Additionally, we utilize tools like Aqueduct Floods from the World Resources Institute (WRI) and wildfire vulnerability maps to analyze the environmental vulnerabilities of our domestic and international business sites and identify physical risks.

Rising Average Temperatures

Seoyon E-Hwa has identified rising average temperatures as a major physical risk and analyzed its impact on business sites. By applying the IPCC SSP5-8.5 scenario provided by the Korea Meteorological Administration to calculate the expected number of heatwave days for the headquarters and major domestic sites (Anyang, Gyeonggi-do; Buk-gu, Ulsan; Asan, Chungcheongnam-do), it is predicted that the number of heatwave days after 2036 will increase compared to the past three years. compared to recent years. Accordingly, direct cost increases for heatwave responses, such as cooling electricity consumption, are anticipated. The Company evaluates the increased operating costs from rising temperatures as a potential financial impact and plans to establish financial plans and risk management measures reflecting this in the future.

Flooding Risks

Seoyon E-Hwa utilized WRI Aqueduct data to complete flood risk and impact analyses for all domestic and international business sites based on the year 2050. The analysis identified the potential for operational disruptions due to flooding at certain sites, as well as physical risks of materializing asset damage. Based on the derived impact analysis results for each site, we plan to construct monitoring systems and emergency response manuals for potential flood-prone areas. Furthermore, we intend to phase in a physical risk management framework by reviewing measures to protect major facilities and diversify operational risks across sites.

Wildfire Probabilities

Seoyon E-Hwa evaluated wildfire hazards for domestic and international subsidiaries and business sites using country-specific wildfire risk analysis tools. The analysis identified that some business sites are exposed to high-risk wildfire zones. Consequently, the Company monitors the environmental vulnerabilities of these sites and surrounding infrastructure, while operating emergency response systems to minimize damage. In addition to these efforts, we are strengthening physical risk management activities against wildfires by conducting fire prevention education for internal and external personnel, performing regular inspections, and establishing emergency communication networks.

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Climate Change

Climate Action Strategic Framework

Vision

Realization of an eco-friendly green company that responds proactively to climate change

Purpose

Advancement into a global auto parts company leading the creation of a sustainable environment

Mission

Achieving Carbon Neutrality by 2050 for Seoyon E-Hwa

Plan

Energy Reduction	Policy Activities	Supplier Support
Introduction of intelligent equipment Enhancement of process efficiency Application of eco-friendly processing methods	Management of emissions by process Reflection and improvement of key KPIs Expansion of green products	Sharing of our carbon neutrality vision Joint support for our suppliers Collaboration on reduction activities

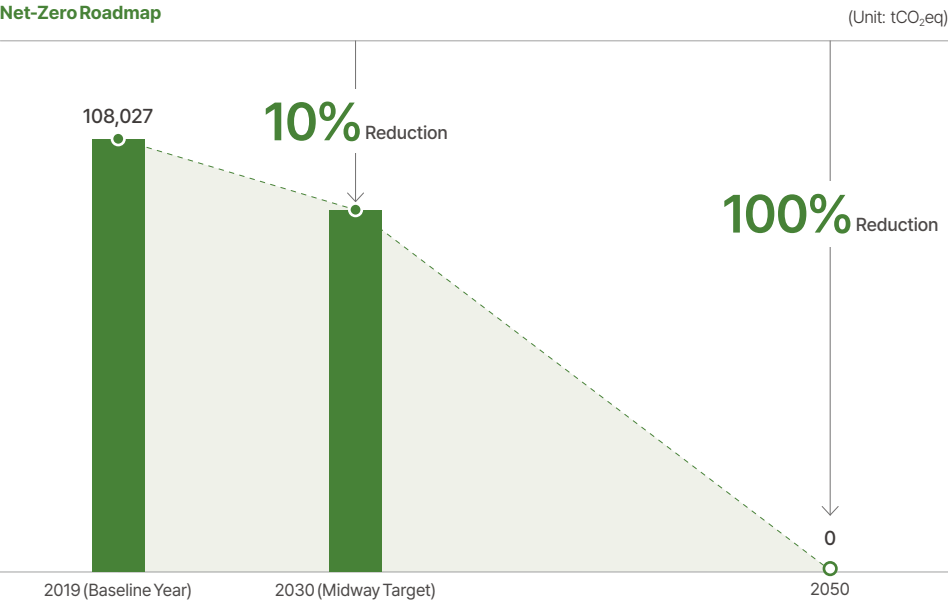
Net-Zero Road Map

	2024~2030(Phase 1)	2031~2040(Phase 2)	2041~2050(Phase 3)
Stage	Expansion of GREEN PRODUCTS and Establishment of a Foundation for Emission Reduction	Management of Emission Reduction Performance for All Business Sites	Achievement of Company-Wide Carbon Neutrality
Imple- ment- ation objec- tives	• Expansion of GREEN PRODUCTS • Establishment of carbon neutrality measures and mid- to long-term roadmap	• Advancement of carbon neutrality response system for all business sites • Practical performance management for achieving carbon neutrality	• Achievement of carbon neutrality for domestic and overseas affiliates • Carbon reduction response throughout the supply chain
Imple- men- tation strategy	Operation of a dedicated carbon neutrality department for climate change response Establishment of greenhouse gas inventory for all business sites	Expansion of management scope for the dedicated carbon neutrality department (all business sites) Advancement of the greenhouse gas inventory system (compliance with GHG PROTOCOL)	Strengthening of management scope for the carbon neutrality department (all business sites and suppliers) Management of the greenhouse gas inventory system

Goals	Management Target	Detailed Action Plan	Unit	-2026	-2030	-2035
Greenhouse Gas Emissions (Domestic)	Improving management processes, enhancing facility efficiency, and transitioning to eco-friendly vehicles	tCO ₂ eq/ KRW 100M		0.35	0.33	0.32
				2.8	2.2	2.0

2050 Net-Zero Roadmap

Seoyon E-Hwa has established a greenhouse gas (Scope 1 and Scope 2) reduction roadmap and detailed implementation strategies with the goal of achieving carbon neutrality (Net Zero) by 2050. In developing the roadmap, the Company comprehensively analyzed the characteristics of its greenhouse gas-emitting facilities, relevant regulatory trends, and economic feasibility to identify appropriate mitigation measures and implementation time-lines. Using 2019 as the baseline year, Seoyon E-Hwa has set mid- to long-term targets of reducing greenhouse gas emissions by 10% by 2030 and achieving Net Zero emissions by 2050. As part of its implementation strategy, the Company is advancing the electrification of fossil fuel-based equipment and transitioning its business vehicle fleet to low-carbon vehicles to reduce direct emissions (Scope 1). To address indirect emissions (Scope 2), Seoyon E-Hwa is reviewing various renewable electricity procurement mechanisms, including the Green Premium Program, Renewable Energy Certificates (RECs), and Power Purchase Agreements (PPAs). Going forward, the Company will continuously monitor the implementation status of its greenhouse gas reduction initiatives by aligning corporate and site-specific business plans with evolving regulatory requirements and external market developments. Through these efforts, Seoyon E-Hwa aims to systematically advance its decarbonization strategy and strengthen its contribution to the global transition toward a low-carbon economy.



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Climate Change

Net-Zero Implementation Measures

To preemptively respond to the global climate crisis and contribute to national net-zero targets, Seoyon E-Hwa has established the 2050 Net-Zero Roadmap and is reviewing the introduction of measures for substantive mitigation. We aim to minimize direct emissions (Scope 1) through energy efficiency and transitioning to low-carbon processes across our business sites, while systematically phasing indirect emissions (Scope 2) down to zero by expanding the introduction of renewable energy. Furthermore, for residual emissions that are challenging to reduce through internal mitigation alone, we will actively utilize multi-faceted reduction methods—such as replacing high-efficiency facilities and participating in external carbon offset projects—focusing our company-wide capabilities on achieving Net Zero by 2050.

Detailed Carbon Reduction Measures

	Reduction Measures	Detailed Carbon Reduction Measures
Direct Mitigation	Electrification	• Converting final energy consumption to electricity (e.g., replacing with electric boilers)
	EV Transition	• Replacing corporate fleets (internal combustion engine vehicles) with low-carbon vehicles (electric vehicles)
Indirect Mitigation	Green Premium	• Securing renewable energy use through additional Green Premium payments
	REC Purchase	• Purchasing Renewable Energy Certificates (RECs) to recognize renewable energy consumption
	PPA Contracts	• Procuring renewable electricity at long-term fixed prices by entering into agreements with renewable energy power plants
Offsets	Carbon Offset Credit Purchase	• Purchasing carbon offset credits exclusively for emissions activities where electrification faces technological limitations

Climate Change Mitigation Activities

Seoyon E-Hwa has established and is currently managing a mid-to long-term roadmap to achieve a 10% reduction in greenhouse gas emissions by 2030 and reach Net Zero by 2050 to address the climate crisis. We foster awareness in our employees to internalize the mid-to long-term roadmap so that it can be fully executed while expanding the foundation for net-zero achievement by systematically promoting feasible GHG mitigation initiatives. Moving forward, we will drive a structured transition toward net-zero realization by continuously reviewing renewable energy utilization plans, including the direct introduction of Power Purchase Agreements (PPAs).

Energy Saving Campaigns

We regularly carry out energy-saving campaigns utilizing various channels such as promotional posters and digital bulletin boards within our business sites to encourage the internalization of a voluntary energy conservation culture among employees. Additionally, we are realizing company-wide energy efficiency improvements across our business sites by executing targeted power peak demand management during the summer and winter seasons in tandem with ongoing energy-saving initiatives.

Investments in Energy Efficiency

As a practical execution method to achieve our carbon reduction targets, we are continually pursuing the introduction of high-efficiency facilities and multi-faceted reviews of system optimization investments. In 2025, we completed the replacement of aging air compressors to maximize electrical efficiency at our business sites, and optimized energy consumption by transitioning to high-efficiency LED lighting and installing centralized HVAC (heating, ventilation, and air conditioning) control systems. Seoyon E-Hwa plans to build a solid foundation for greenhouse gas mitigation across our entire business operations. This will be achieved not only through process-level facility efficiency improvements but also by systematically reducing transport-sector carbon emissions through initiatives like promoting EV transitions for logistics and delivery fleets.

Eco-Friendly Vehicle Infrastructure Improvement Activities

We are continuously improving EV charging infrastructure within our business sites to enhance the convenience of operating eco-friendly vehicles. In 2025, we effectively separated incoming and outgoing traffic flows at the rear parking lot of the Ulsan Plant by securing a dedicated exit lane for the EV charging station through new road occupation permits. This improvement has mitigated exhaust gas emissions caused by idling, ensuring smooth traffic flow during peak commute hours in high-congestion zones. Furthermore, it has eliminated vehicle collision risks within the business site proactively, creating a safer and more pleasant eco-friendly working environment.

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Department Seoyon E-Hwa ESG TFT
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Climate Change

Risk Management

Climate Change Risk Monitoring System

Seoyon E-Hwa establishes and operates a 4-step integrated climate risk management process consisting of ▲ Risk Identification & Analysis, ▲ Strategy Formulation, ▲ Response Activities, and ▲ Monitoring to manage climate change risks on a company-wide level. We proactively identify potential climate risks that may affect the Company by analyzing global climate disclosure regulations and peer industry trends.

The ESG TFT conducts regular monitoring across all business sites to identify and manage risk factors in advance. Environmental management personnel at each business site constantly check current operational status and performance against GHG mitigation targets while assessing environmental impacts and implementing response frameworks at the site level.

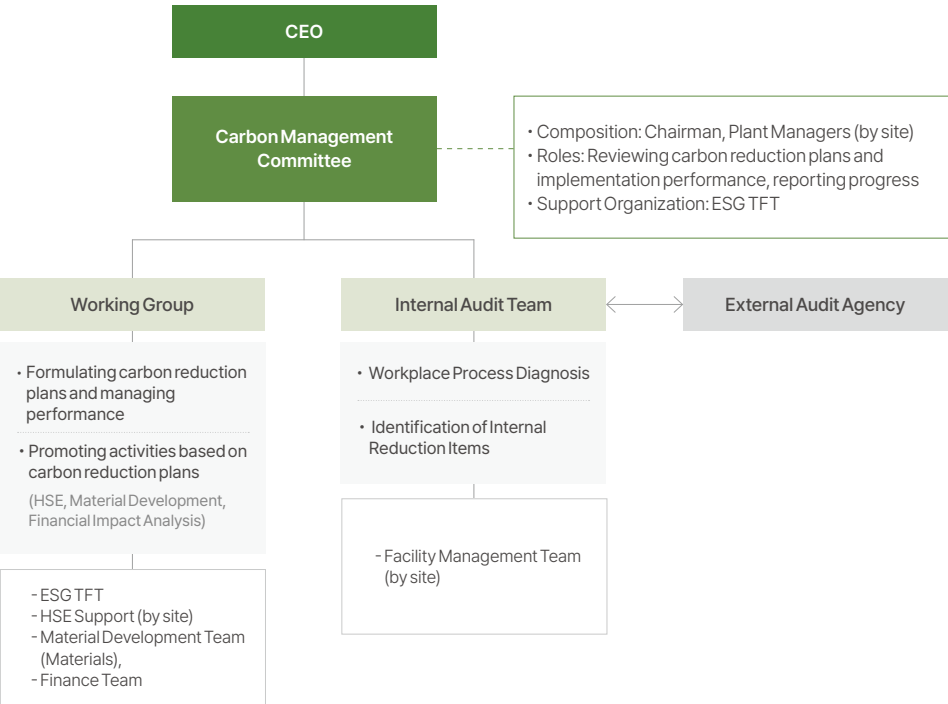
Climate Change Risk Management Process



Metrics & Targets

Carbon Reduction Implementation Organization

To systematically implement climate change responses and net-zero targets, Seoyon E-Hwa operates the Carbon Management Implementation Organization centered around the CEO and consisting of the Carbon Management Committee, Working Groups, and Internal Audit Teams. This organization performs tasks such as setting GHG mitigation targets, reviewing implementation progress, discovering reduction projects, managing implementation status by business site, and conducting internal diagnostics. Moving forward, we will strive to continuously achieve our net-zero targets by strengthening company-wide execution capabilities.



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Climate Change

Greenhouse Gas (GHG) Emissions

To systematically manage performance according to the 2050 Net-Zero Roadmap, Seoyon E-Hwa has established a GHG inventory based on the international standard ISO 14064-1:2018. Direct emission sources (production facilities, corporate vehicles, etc.) within the organizational boundaries of the headquarters and each business site are classified as Scope 1, while indirect emission sources from electricity consumption are classified and calculated as Scope 2.

Starting in 2023, we expanded our calculation scope to include overseas business sites, calculating company-wide direct and indirect emissions. Furthermore, we are promoting carbon emission reductions based on highly reliable data by conducting third-party verification on our GHG emissions.

Scope 1, 2 Emissions

Category		Unit	2023	2024	2025
Domestic	Direct GHG Emissions (Scope 1)	tCO ₂ eq	710	687	763
	Indirect GHG Emissions (Scope 2)		6,474	6,342	6,052
	Total		7,184	7,029	6,814
Overseas*	Direct GHG Emissions (Scope 1)		6,226	6,362	12,789
	Indirect GHG Emissions (Scope 2)		87,362	86,651	110,241
	Total		93,588	93,013	123,030

* Number of target business sites: 16 sites in 2023, 16 sites in 2024, 22 sites in 2025

Scope 3 Emissions*

Seoyon E-Hwa calculates greenhouse gas emissions occurring across the entire value chain. Starting in 2023, we began calculating Scope 3 (Other Indirect Emissions), currently measuring emissions for 4 out of the 15 categories presented by the GHG Protocol. We will continue to make efforts to expand the calculation scope by encouraging the participation of our suppliers in the future.

Category	Description	Unit	Emissions
C3. Fuel- and Energy-related Activities	Emissions related to the production, transportation, and delivery of purchased fuels and energy	tCO ₂ eq	816
C5. Waste Generated in Operations	Emissions from the treatment and disposal of waste generated during business operations		834
C6. Business Travel	Emissions from airplanes, railways, and rental cars used by employees for business travel		2,396
C7. Employee Commuting	Emissions occurring during employee commutes to and from work		4

* Limited to domestic business sites

Energy Consumption*

Seoyon E-Hwa quantitatively calculates the energy consumption of our business sites to analyze usage status based on data. Guided by this data, we formulate detailed implementation plans to improve energy efficiency and reduce GHG emissions. To counter future increases in energy and electricity rates, we are pushing for a transition to high-efficiency specifications for aging facilities, while reviewing energy source diversification strategies that include the introduction of renewable energy.

Category		Unit	2023	2024	2025
Energy Intensity		TJ / KRW 100M	0.0092	0.0080	0.0079
Non-renewable Energy Consumption**	Electricity	TJ	135.3	132.5	139.2
	Fuel		7.8	7.8	8.7
	Other		4.3	3.5	4.3
Total Energy Consumption			147.4	143.8	152.2

*Limited to domestic business sites
**Data for 2023 and 2024 have been restated due to changes in calculation criteria

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Pollution

Strategy & Management

Environmental Impact Mitigation Management

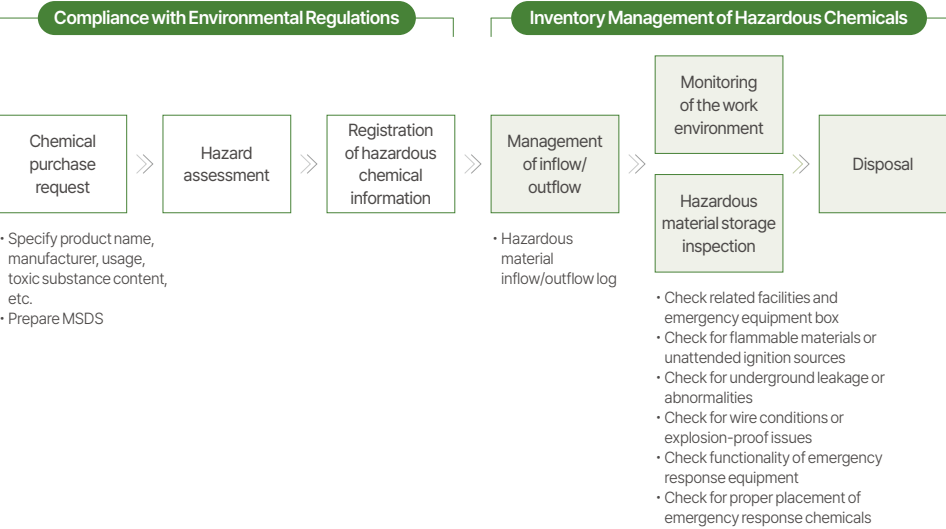
Air & Water Pollution Management

Seoyon E-Hwa strives to minimize the environmental impacts resulting from business activities through structured air and water pollution management procedures. By operating a company-wide environmental management system, we perform regular inspections and monitoring of pollutant emission sources. Additionally, we strictly manage pollutant emissions through ongoing investment in and maintenance of wastewater and air treatment facilities.

Hazardous Chemicals Management

To ensure compliance with relevant laws and regulations, such as the Occupational Safety and Health Act and the Chemical Substances Control Act, Seoyon E-Hwa has established and operates the Hazardous Chemicals Management Guidelines. We proactively manage chemical accident risks through regular inspections based on these guidelines. When introducing new substances, adoption is determined only after going through hazard reviews and documentation processes in accordance with internal guidelines. We systematically manage history through warehousing and shipping record logs for all handled substances. Furthermore, we conduct work environment measurements through an external specialized agency twice a year and inspect hazardous substance storage areas semi-annually to create a safe working environment and ensure the occupational safety and health of our workers.

Hazardous Chemical Substance Management Process



Action & Performance

Water Pollutant Management Activities

Water Tank Hygiene Management

Seoyon E-Hwa conducts water tank hygiene management twice a year to minimize pollution caused by water used at our business sites. Through regular cleaning and inspections, we eliminate pollution risk factors such as microbial proliferation and suspended solids accumulation, thereby maintaining the sanitary conditions of stored water to minimize environmental pollution and health risks associated with water use.

Water Quality Monitoring

Seoyon E-Hwa enhances the professionalism of water management by conducting water quality monitoring through external specialized agencies. Signs of contamination inside water tanks are detected early, and upon discovery of any abnormalities, root cause analysis and prompt corrective actions are taken to preemptively prevent environmental impacts from water use. These activities provide safe and clean water to our employees, contributing to health protection and strengthening site hygiene and safety.

Hazardous Chemicals Management Activities

Material Safety Data Sheets (MSDS) Management

Seoyon E-Hwa provides and displays Material Safety Data Sheets (MSDS) at all business sites handling hazardous chemicals so that workers can handle and manage substances safely. Site managers receive quarterly training on key MSDS items, handling precautions, and response procedures in the event of an accident. In this way, we continuously emphasize the importance of MSDS management.

International Material Data System (IMDS) Management

Seoyon E-Hwa registers the material compositions of components for all vehicle models produced domestically and internationally into the International Material Data System (IMDS) to strictly manage compliance with legal regulations, material composition information, and ingredient safety. IMDS entries are executed immediately upon new vehicle development, customer requests, or changes in suppliers. For outsourced parts, we meticulously review the ingredient data provided by suppliers before obtaining final approval from the customer company. Once approved, the completed report is shared with the quality control department to finalize the data entry process.

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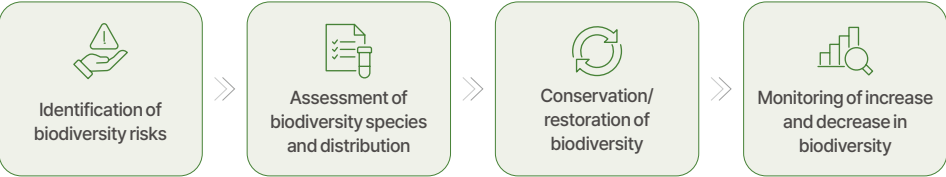
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Biodiversity

Strategy & Management

Biodiversity Protection Policy

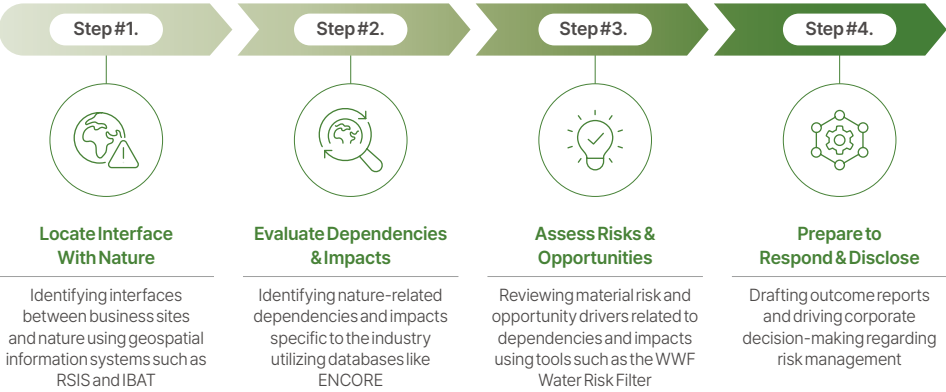
Seoyon E-Hwa deeply recognizes the importance of biodiversity conservation and forest protection. To systematically manage factors that undermine biodiversity across our entire business cycle—from product design to production and logistics—we have explicitly stipulated protection clauses in our Environmental Management Policy. Furthermore, we strictly comply with international biodiversity conventions and national laws to minimize negative impacts on ecosystems near our business sites.



Biodiversity Impact Assessment

To systematically diagnose and preemptively manage the impacts of our business activities on natural ecosystems and biodiversity, Seoyon E-Hwa conducted a biodiversity impact assessment covering 17 domestic and international business sites. We comprehensively reviewed nature-related dependencies and impacts that could potentially arise across the automotive parts manufacturing value chain. This assessment was carried out using the Rapid Impact Assessment method based on the LEAP approach recommended by the Taskforce on Nature-related Financial Disclosures (TNFD). Through this, we integrally analyzed each business site's interface with ecologically sensitive areas, the presence of material negative impacts, and the potential to contribute to species extinction risk mitigation.

Biodiversity Impact Assessment Process



Biodiversity Impact Assessment Results

Using geographic information systems such as RSIS and IBAT, we measured the proximity between our business sites and protected areas—specifically the World Database on Protected Areas (WDPA) and Key Biodiversity Areas (KBA). We derived key nature-related impact factors for the automotive parts manufacturing industry through the ENCORE database. Furthermore, by utilizing the STAR (Species Threat Abatement and Restoration) metric, we quantitatively evaluated the distribution of endangered species and the importance of habitats where our sites are located to determine final risk levels. The assessment results indicated that no material negative impacts related to biodiversity were identified across any of Seoyon E-Hwa's 17 evaluated domestic and international business sites, and no sites were evaluated at a risk level of 'Moderate' or higher. At the current juncture, no business sites requiring aggressive mitigation actions or the formulation of improvement plans were identified. However, since some domestic business sites are located near small-scale protected areas, they have been classified as potential risk factors. We plan to continue regular monitoring and impact assessments for these areas moving forward.

Risk Level	Number of Sites	Remarks
Moderate or Higher	0	Not Applicable
Slightly Low	7	41.2% of assessed sites
Low	6	35.3% of assessed sites
Very Low	4	23.5% of assessed sites
Total	17*	

*Based on 2026, 17 sites (58.6%) out of a total of 29 business sites were assessed, and we plan to expand the scope of the assessment in the future.

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Biodiversity

Action & Performance

Local Community Nature Conservation Activities

The 'Muryongsan Guardians', an in-house volunteer club consisting of employees and their families from Seoyon E-Hwa's Ulsan Plant, takes the lead in improving the local environment by conducting environmental cleanup activities in cooperation with residents of Buk-gu, Ulsan. In 2025, regular monthly volunteer activities were carried out from January to September. Over a total of 9 sessions, a cumulative total of 381 participants took part in these initiatives. We continue to carry out community-integrated, lifestyle-aligned environmental protection activities through village alley maintenance and nature conservation campaigns, including picking up cigarette butts and waste.

Muryongsan Guardians Implementation Status

Date	Unit	No. of Participants	Details
2025.01.19	Participants	46	
2025.02.23		40	
2025.03.23		42	
2025.04.27		39	- Regular volunteer activities
2025.05.25		41	- Village alley maintenance and nature conservation campaigns
2025.06.22		33	- Environmental cleanup activities (picking up cigarette butts and litter)
2025.07.20		30	
2025.08.24		55	
2025.09.27		55	

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Resource Circulation

Strategy & Management

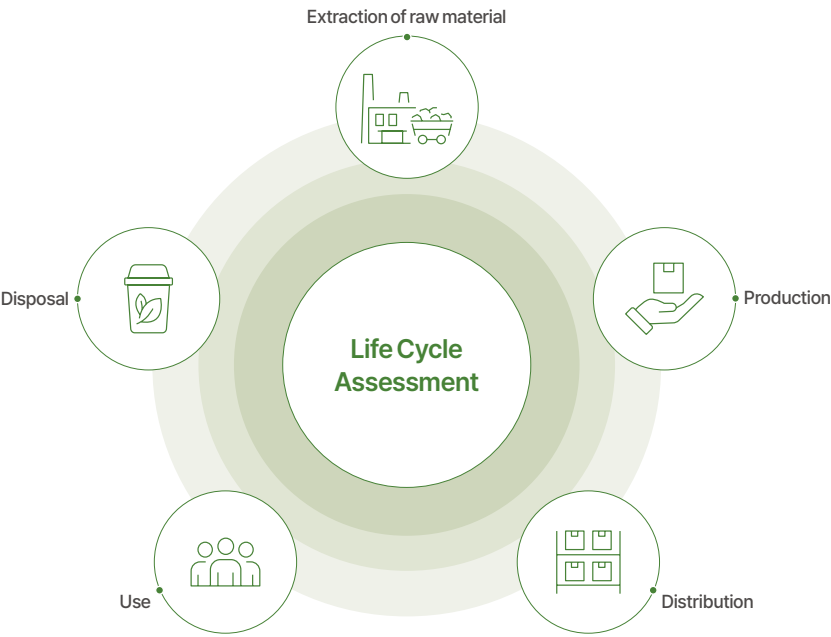
Waste Management Regulations

Seoyon E-Hwa has established structured management regulations and procedures to minimize waste generation and create a pleasant working environment. Centered around our dedicated environmental management department, we record all generated waste in management logs and maintain a rigorous monitoring system. We register discharged waste into the Korea Environment Corporation's Allbaro System to monitor disposal and recycling status in real time. By converting this status into structured data, we are continuously improving our waste management processes.

Waste Circular System

Seoyon E-Hwa operates a circular waste management system to contribute to building a circular economy through waste reduction and recycling revitalization. Polypropylene (PP) resins generated during the injection molding process are recycled into raw materials through the collection, grinding, and reprocessing stages. Generated waste is subdivided by property and type to apply optimal recycling methods. Moving forward, we will continue our efforts to minimize waste generation and realize resource circulation and eco-friendly values by strictly adhering to the Reuse-Reduce-Recycle (3R) principles.

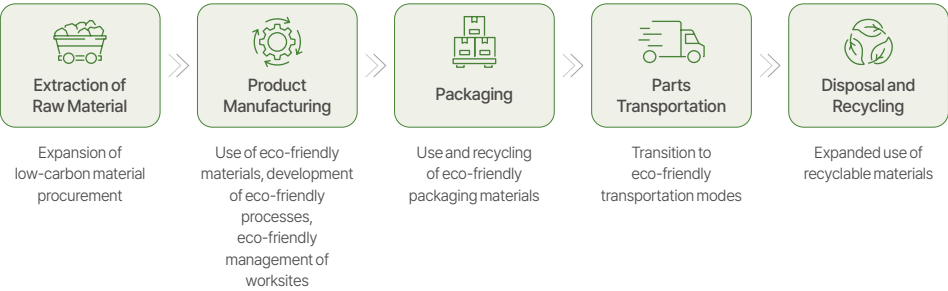
Scope of LCA (Life Cycle Assessment)



LCA(Life Cycle Assessment)

Seoyon E-Hwa proactively responds to international environmental regulations and is continuously expanding its Life Cycle Assessment (LCA) framework to advance resource circulation and carbon emission management systems. We introduced LCA analysis in 2022 and have since phased in an expanded evaluation scope to systematically manage carbon emissions at each major component level. We closely analyze the flow of resources across all life cycle stages—from the initial raw material phase through production, transportation, use, and disposal—while concurrently driving optimization activities that account for transportation distances and logistics efficiency. Furthermore, we have built a quantitative, data-driven management system encompassing energy, packaging materials, and waste generation used during the manufacturing process. This LCA-based management framework goes beyond simple environmental impact assessments. It serves as essential baseline data that is reflected back into product design and process improvements. Seoyon E-Hwa plans to further strengthen its data-driven carbon management capabilities to flexibly address global environmental regulations and customer requirements by continuously expanding the target products for evaluation in the future.

Stage-by-Stage Response Strategies Based on LCA Implementation



LCA Implementation History by Year

Category	2023	2024	2025
Target Components	Door Trim	Door Trim Covering Shelf, Bumper	Door Trim
Remarks	1 domestic vehicle component	3 domestic vehicle components, 2 overseas vehicle components	2 domestic vehicle components

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Resource Circulation

Action & Performance

Eco-Friendly Material Development

Seoyon E-Hwa is collaborating with various peer companies and industry leaders to develop eco-friendly materials and components, including recycled and bio-based resins, fabrics, natural fiber composites, and lightweight composites. To achieve our goals of lightweighting, eco-friendliness, and functionality, we are reviewing the feasibility of utilizing new materials and evaluating various material specifications that can be applied to automotive interior and exterior components. As a result of our active engagement in eco-friendly material development, we have successfully commercialized eco-friendly materials in a stable manner and are mass-producing a wide range of products, such as recycled ABS, recycled PA6 materials, and composite PP materials utilized for end-of-life vehicles (ELVs). The Seoyon E-Hwa R&D Center is also focusing on manufacturing process research to combine new technologies and innovative methods with automotive component structures and manufacturing processes.

Eco-Friendly Materials



Recycled ABS
Development of ABS resin for automotive interior Using waste appliances
Composed of approximately 20% recycled material
Applied to passenger vehicle consoles



Composite PP Materials Utilizing End-of-Life Vehicles
Developed PP resin for door trims by utilizing waste bumpers.
Consist of approximately 50% recycled material.
Mass-produced for Electric vehicle armrests

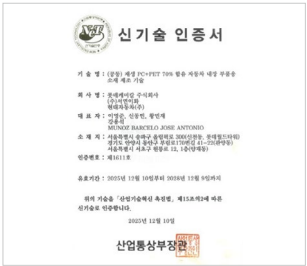


Recycled PA6
Obtaining PA6 by separating and crushing waste fishing nets
Composed of approximately 20% recycled material
Comparable physical properties as conventional PA6

NET (New Excellent Technology) Certification*







*What is NET (New Excellent Technology) Certification?
A national certification system where the government officially certifies excellent technologies developed for the first time in South Korea or for innovative improvements made to existing technologies.

Eco-Friendly Materials Under Development

Paint-free Recycled Material from Seaweed Farming Line Rollers
Applied recycled seaweed farming line roller materials to create paint-free PP materials
Paint-free PP materials

Chemically Recycled PC Material
Created PC material with virgin-grade quality through chemical recycling.

BIO+PCR Composite Resin
Injection-type material using eco-friendly BIO + PCR recycled material

Eco-Friendly PC+PET
Utilize waste plastics
Achieve a carbon reduction effect of approximately 65% compared to virgin plastics.

Water Purifier Filter PP Material
High-purity recycled PP material from water purifier filters

NFPF Recycled PP Material
Injection-type PP composite with natural fiber fillers

PAFS-Free Dry Lubricant
Dry lubricant as an alternative to perfluorinated compounds

Recycled PE Fiber from Waste Battery Separators
Fiber fabric from recycled vehicle battery separators

Vegan Leather
Plant-based vegan leather using agricultural waste

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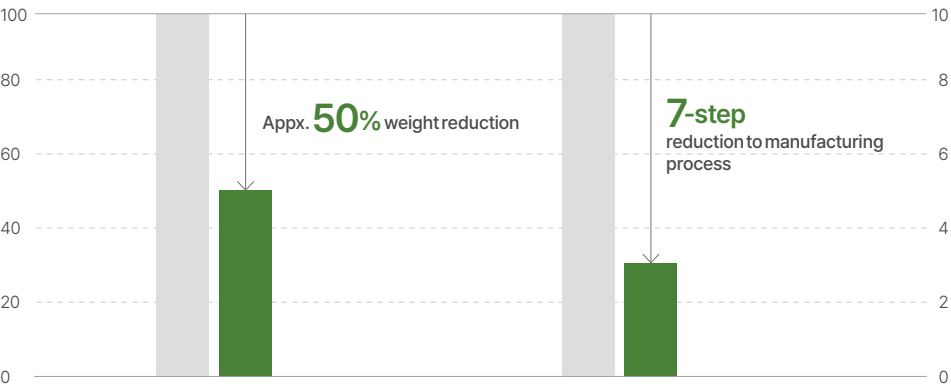
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Resource Circulation

Eco-friendly Product Development

Development of Engineering Plastic (PC) Glazing Technology

Vehicle lightweighting has emerged as a key priority for future mobility as the automotive industry responds to global carbon neutrality policies and increasingly stringent environmental regulations. In line with this trend, Seoyon E-Hwa has developed an engineering plastic (PC) glazing technology designed to replace conventional tempered glass and reduce vehicle weight. This innovative technology maintains a level of transparency comparable to that of glass while achieving approximately 50% weight reduction, thereby contributing to improved vehicle energy efficiency through lightweight design. The technology has been successfully applied to the quarter glass of an electric SUV produced by a global OEM in India, demonstrating its competitiveness as an environmentally friendly automotive component. Additionally, the PC glazing solution offers superior impact resistance, minimizing the dispersion of fragments in the event of breakage. This feature helps reduce the risk of secondary injuries to ve-



hicle occupants and enhances overall vehicle safety. Seoyon E-Hwa has also improved manufacturing efficiency by adopting a proprietary one-step production process that integrates multiple stages—from injection molding to weatherstrip bonding—into a single streamlined operation. Compared with conventional glass manufacturing processes, this approach reduces the overall production sequence by approximately seven steps, resulting in enhanced operational efficiency and productivity. Furthermore, the technology provides greater design flexibility, enabling the realization of complex three-dimensional shapes that are difficult to achieve using conventional glass materials. In recognition of its technological excellence and innovation, Seoyon E-Hwa received the Minister of Trade, Industry and Energy Award at the 2025 Korea Technology Awards.



Awarded the Minister of Trade, Industry and Energy Award at the 2025 Korea Technology Awards



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Resource Circulation

Waste Management Environmental Impact Assessment

Seoyon E-Hwa manages waste across all its operations without sending waste to landfill and continues to expand resource circularity through recycling initiatives. In 2025, approximately 30.7% of the total waste generated was recycled, contributing to the reduction of environmental impacts associated with waste treatment and disposal. The Company operates waste segregation and recycling management systems tailored to the characteristics of waste generated at each business site. Through the efficient recovery and utilization of recyclable resources, Seoyon E-Hwa continues to improve the effectiveness of its waste management practices and promote the responsible use of resources. Going forward, the Company plans to further increase its waste recycling rate and continuously enhance its waste management framework. Through these efforts, Seoyon E-Hwa aims to strengthen resource circulation, minimize environmental impacts arising from waste generation, and support the transition toward a more sustainable and circular economy.

Waste Generation Amount*

Category		Unit	2023	2024	2025
Waste Discharge Intensity		Ton/KRW 100 million	0.024	0.018	0.018
Waste Disposal (General)	Incineration	Tons	243.6	218.6	234.6
	Landfill		-	-	-
	Recycling		121.2	100.3	104.2
	Total		364.8	318.9	338.8
Waste Disposal (Designated)	Incineration**	Tons	0.1	1.2	0.3
	Landfill**		-	-	-
	Recycling		11.6	6.0	-
	Total		11.7	7.2	0.3

* Limited to domestic sites
** Data correction for 2023 and 2024 due to changes in calculation standards

Waste Management Activities

Seoyon E-Hwa practices resource circulation management through a dedicated Waste Reduction Task Force (TFT), which closely analyzes the root causes of waste generation and develops effective waste reduction measures. By adopting a proactive and systematic approach to waste management, the Company strives to improve resource efficiency and minimize environmental impacts throughout its operations. To prevent waste generation at its source, Seoyon E-Hwa implements defect reduction plans across production lines and strengthens the "Three Actuals" (genba, genbutsu, genjitsu) in its auditing and inspection practices. This means focusing on the actual workplace, actual products, and actual conditions. Based on these activities, the Company operates vehicle model-specific waste management solutions designed to address the unique characteristics of each manufacturing process. Seoyon E-Hwa has further enhanced the efficiency of its product testing processes by utilizing overseas local testing facilities and external testing services, thereby reducing unnecessary waste generation. The Company also operates a dedicated sorting system to maximize the recycling and recovery of construction waste materials generated during facility projects and renovation activities. Going forward, Seoyon E-Hwa plans to further strengthen its waste management practices by enhancing standards for the processing and treatment of externally sourced waste materials and production remnants. Through these continuous improvement efforts, the Company aims to maximize waste management efficiency, expand resource circularity, and contribute to a more sustainable manufacturing environment.

Waste Reduction Action Plan

Category	Key Issue	Improvement Measures
Product Waste	Waste generated due to product defects	- Establish defect reduction plans for each production line - Reduce defects through enhanced inspection processes and implementation of the Three Actuals (genba, genbutsu, genjitsu) audit program
	Disposal of products after testing	- Utilize external testing facilities and outsourced testing services - Conduct testing locally in overseas markets where samples are supplied
General Waste	Waste generated from construction and facility projects	Sort construction debris and recover recyclable materials for reuse

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ESG Performance Data

Environmental

Greenhouse Gas Emissions

Classification		Unit	2023	2024	2025
Greenhouse Gas Direct Emissions (Scope 1)	Total		6,936	7,049*	13,551
	SEOYON E-Hwa (Domestic site)		710	687	763
	Jiangsu SEOYON E-Hwa		870	896	954
	Beijing SEOYON E-Hwa		449	413	515
	SEOYON Summit India		1,807	1,870	1,766
	SEOYON Summit Krishnagiri		-	-	27
	SEOYON E-Hwa Chennai		31	28	66
	PINSTAR		55	62	75
	SEOYON Summit Anantapur		333	494	536
	Summit SEOYON Indonesia		-	-	216
	ASSAN HANIL		-	-	4,349
	SEOYON E-Hwa Slovakia	tCO ₂ eq	137	144	152
	APIS Plastic		496	585	470
	SEOYON E-Hwa Poland		123	90	553
	BEST AUTOTECH		783	522	382
	SEOYON E-Hwa Alabama		11	124	132
	SEOYON E-Hwa Georgia		199	164	346
	SEOYON E-Hwa Auburn		260	456	468
	SEOYON E-Hwa Savannah		-	-	1,114
	SEOYON E-Hwa Texas		-	-	2
	SEOYON E-Hwa Mexico		97	115	89
	M-AUTOTECH		469	323	468
	SEOYON North America		-	-	41
	SEOYON E-Hwa Brazil		107	77	68

Classification		Unit	2023	2024	2025
Greenhouse Gas Indirect Emissions (Scope 2)	Total		93,836	92,993	116,293
	SEOYON E-Hwa (Domestic site)		6,474	6,342	6,052
	Jiangsu SEOYON E-Hwa		13,517	13,430	11,235
	Beijing SEOYON E-Hwa		1,765	1,237	1,709
	SEOYON Summit India		17,101	17,075	18,270
	SEOYON Summit Krishnagiri		-	-	229
	SEOYON E-Hwa Chennai		1,637	1,854	2,189
	PINSTAR		2,090	2,438	2,739
	SEOYON Summit Anantapur		11,596	10,696	11,388
	Summit SEOYON Indonesia		-	-	3,926
	ASSAN HANIL		-	-	13,928
	SEOYON E-Hwa Slovakia	tCO ₂ eq	1,941	1,897	1,636
	APIS Plastic		1,428	1,445	1,156
	SEOYON E-Hwa Poland		2,657	2,821	2,412
	BEST AUTOTECH		9,402	9,042	7,303
	SEOYON E-Hwa Alabama		6,176	6,195	5,417
	SEOYON E-Hwa Georgia		4,292	3,920	4,107
	SEOYON E-Hwa Auburn		8,129	8,323	7,837
	SEOYON E-Hwa Savannah		-	-	2,493
	SEOYON E-Hwa Texas		-	-	1,375
	SEOYON E-Hwa Mexico		2,668	3,112	3,936
	M-AUTOTECH		2,811	2,915	3,158
	SEOYON North America		-	-	3,282
	SEOYON E-Hwa Brazil		150	252	517
	Total GHG emissions (Scope 1, 2)		100,772	100,042	129,845
	GHG emissions intensity**	Scope 1 emissions intensity tCO ₂ eq/KRW	0.19	0.17	0.30
		Scope 2 emissions intensity 100 million	2.63	2.30	2.58

* 2024 data revised due to changes in calculation standards
** Consolidated basis

GHG Emissions Targets and Performance*

Classification		Unit	2023	2024	2025
GHG Reduction	Annual target (intensity)	tCO ₂ eq/KRW	0.53	0.45	0.39
	Annual emissions (intensity)	100 million	0.45	0.39	0.35
	Scope 1 emissions		710	687	763
	Scope 2 emissions		6,474	6,342	6,052
	Total	tCO ₂ eq	7,184	7,029	6,814
	Reduction amount		(567)	155	215

* Limited to domestic business sites

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ESG Performance Data

Energy Consumption (TJ)

Classification		Unit	2023	2024	2025
Annual target (intensity)		TJ/KRW100	0.0109	0.0091	0.0079
Annual consumption (intensity)		million	0.0092	0.0080	0.0079
Non-renewable Energy Consumption*	Electricity	TJ	135.3	132.5	139.2
	Fuel		8.2	7.7	8.7
	Other		3.9	4.0	4.3
Total energy consumption			147.4	143.8	152.2

* 2023 and 2024 data revised due to changes in calculation standards

Energy Consumption (MWh)

Classification		Unit	2023	2024	2025
Annual consumption (intensity)		MWh/KRW 100 million	2.5748	2.2276	2.1958
Non-renewable Energy Consumption	Electricity	MWh	37,583	36,806	38,667
	Fuel		2,274	2,125	2,417
	Other		1,094	1,100	1,194
Total energy consumption			40,951	40,030	42,278

Water Resource Consumption

Classification		Unit	2023	2024	2025
Annual target (intensity)		Ton/KRW 100	4.99	4.89	4.79
Annual consumption (intensity)		millions	3.4	3.7	3.8
Water withdrawal	Water supply	Ton	22,320	27,078	30,095
	Ulsan		8,992	12,168	12,405
	Asan		6,074	23,632	7,148
	Pyeongchon		7,254	8,109	10,542
	Groundwater		32,398	39,066	42,319
	Ulsan		18,778	15,434	13,457
	Asan		13,620	6,801	28,862
	Pyeongchon		-	-	-
	Total		54,718	66,144	72,414
	Water supply		22,320	27,078	30,095
Water consumption	Ulsan	Ton	8,992	12,168	12,405
	Asan		6,074	23,632	7,148
	Pyeongchon		7,254	8,109	10,542
	Groundwater		32,398	39,066	42,319
	Ulsan		18,778	15,434	13,457
	Asan		13,620	6,801	28,862
	Pyeongchon		-	-	-
	Total		54,718	66,144	72,414
Water discharge	Total		0	0	0
Water saving	Water supply	%	6,866	(4,758)	(3,017)
	Groundwater		(2,992)	(6,668)	(3,253)
	Water use reduction rate		0.071	(0.173)	(0.087)

Waste Generation

Classification		Unit	2023	2024	2025
Annual target (intensity)		Ton/KRW 100	0.0192	0.0230	0.0176
Annual consumption (intensity)		millions	0.0237	0.0181	0.0176
Waste Generated (General)	Incineration	Ton	243.6	218.6	234.6
	Landfill		-	-	-
	Recycling		121.2	100.3	104.2
	Total		364.8	318.9	338.8
Waste Generated (Designated)	Incineration*	Ton	0.1	1.2	0.3
	Landfill*		-	-	-
	Recycling		11.6	6.0	-
	Total		11.7	7.2	0.3

* 2023 and 2024 data revised due to changes in calculation standards

Classification		Unit	2023	2024	2025
Waste recycled		Ton	132.7	106.3	104.2
Waste recycling rate*		%	35.3	32.6	30.7

* Calculation method: Recycled waste generated ÷ Total waste generated

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ESG Performance Data

Discharge of Chemicals

Classification		Unit	2023	2024	2025
Chemicals	TCE	kg	-	-	-
	Chromium		-	-	-
	Manganese		-	-	-
	Tin		-	-	-
	Copper		-	-	-

Hazardous Chemicals

Classification		Unit	2023	2024	2025
Hazardous chemicals consumption		Ton	-	-	-
Hazardous chemicals consumption intensity		Ton/KRW 100 millions	-	-	-

Air Pollutants Emissions

Classification	Unit	2023	2024	2025
NOx Emissions	Ton	-	-	-
SOx Emissions		-	-	-
PM Emissions		-	-	-

Eco-friendly Sales*

Classification		Unit	2023	2024	2025
Sales of eco-friendly automotive parts		KRW 100 millions	412.1	278.0	425.6
Eco-friendly sales ratio**		%	2.6	1.6	2.2

* Calculation standard: EV, HEV, PHEV, FCEV
** Calculation method: Sales of eco-friendly automotive parts ÷ Total sales (domestic business sites basis)

Violation of Environmental Laws

Classification		Unit	2023	2024	2025
Number of violations of environmental laws		Cases	0	0	0

Environmental Training*

Classification	Unit	2023	2024	2025
Employees subject to environmental training	Persons	887	972	935
Participants in environmental training		836	902	911
Ratio of participants in environmental training	%	94	93	97

* 2024 data revised due to changes in calculation standards

Environmental Management System Certification

Classification		Unit	2023	2024	2025
Environmental Management System Certification (ISO 14001)	Business sites subject to obtainment	Sites	16	21	29
	Business sites that obtained the certification		14	17	25
	Obtainment rate	%	88	81	86

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