

Seventh Aisin Consolidated Environmental Action Plan (targeting 2025)

GRI 103-2

Aiming to build an environmentally sustainable future and a society where everyone can live with peace of mind in harmony with nature, the AISIN Group formulated the Seventh Aisin Consolidated Environmental Action Plan in 2020 as our environmental action guidelines and plan for fiscal years 2022 to 2026, and it has started working under the Plan from fiscal 2022. We are conscious of our responsibility for the targets and initiatives in the plan and will work steadily to achieve our targets and play our part in building an environmentally sustainable future.

Establishment of a zero carbon society

2050 Vision Aim to realize carbon neutrality

Initiatives	Implementation items and targets										
1 Reduction of CO ₂ emissions across product life cycles	<ul style="list-style-type: none"> Building of the foundation to reduce life cycle CO₂ emissions, from purchasing materials to disposal <ul style="list-style-type: none"> Setting of concrete measures for reduction of CO₂ emissions throughout the entire supply chains 										
2 Reduction of CO ₂ emissions from product design	<ul style="list-style-type: none"> Reduction of CO₂ emissions with life cycle assessment through products <ul style="list-style-type: none"> Development of auto parts for clean energy vehicles (PHEVs, BEVs, FCEVs) Development of higher performance powertrains and technologies to increase fuel efficiency by making car bodies lighter, etc. Development of next-generation energy system products (use of fuel cells and biofuels) <table border="1"> <thead> <tr> <th>Subject area</th> <th>Scope</th> <th>Item</th> <th>Base year</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>Product</td> <td>Global</td> <td>Total amount</td> <td>FY2014</td> <td>18% reduction</td> </tr> </tbody> </table>	Subject area	Scope	Item	Base year	Target	Product	Global	Total amount	FY2014	18% reduction
Subject area	Scope	Item	Base year	Target							
Product	Global	Total amount	FY2014	18% reduction							
3 Reduction of CO ₂ emissions from production	<ul style="list-style-type: none"> Further promotion of daily kaizen activities Active introduction of the latest energy saving technologies when a plant is newly built and equipment is updated Establishment of a mechanism to share information of energy saving know-how globally <table border="1"> <thead> <tr> <th>Subject area</th> <th>Scope</th> <th>Item</th> <th>Base year</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>CO₂ emissions from production</td> <td>Global</td> <td>Total amount</td> <td>FY2014</td> <td>25% reduction</td> </tr> </tbody> </table>	Subject area	Scope	Item	Base year	Target	CO ₂ emissions from production	Global	Total amount	FY2014	25% reduction
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CO ₂ emissions from production	Global	Total amount	FY2014	25% reduction							
4 Introduction of renewable energy for production	<ul style="list-style-type: none"> Active use of renewable energy in response to regional characteristics Development of a roadmap for applying the use of renewable energy to overseas plants Use of renewable energy at model plants <table border="1"> <thead> <tr> <th>Subject area</th> <th>Scope</th> <th>Item</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>Renewable energy</td> <td>Global</td> <td>Introduction rate (power ratio)</td> <td>FY2026 15% or more</td> </tr> </tbody> </table>	Subject area	Scope	Item	Target	Renewable energy	Global	Introduction rate (power ratio)	FY2026 15% or more		
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Renewable energy	Global	Introduction rate (power ratio)	FY2026 15% or more								
5 Reduction of CO ₂ emissions from distribution	<ul style="list-style-type: none"> Transportation efficiency by further expanding joint transportation among Group companies <table border="1"> <thead> <tr> <th>Subject area</th> <th>Scope</th> <th>Item</th> <th>Base year</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>CO₂ emissions from distribution</td> <td>Consolidated subsidiaries in Japan</td> <td>Total amount</td> <td>FY2019</td> <td>7% reduction</td> </tr> </tbody> </table>	Subject area	Scope	Item	Base year	Target	CO ₂ emissions from distribution	Consolidated subsidiaries in Japan	Total amount	FY2019	7% reduction
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CO ₂ emissions from distribution	Consolidated subsidiaries in Japan	Total amount	FY2019	7% reduction							

Establishment of a recycling-oriented society

2050 Vision Aim to minimize environmental impact by maximizing resource efficiency

Initiatives	Implementation items and targets														
6 Product design and development of products and technologies that contribute to improvement of resource efficiency	<ul style="list-style-type: none"> Promotion of eco-friendly design aimed at reuse and recycling Promotion of product and technology development that contributes to natural resource input and reduction of waste 														
7 Reduction of resource input and waste emissions in production	<ul style="list-style-type: none"> Reduction of waste in all Group companies (effective use of waste plastic, introduction of new technologies, global sharing of domestic practices, etc.) <table border="1"> <thead> <tr> <th>Subject area</th> <th>Scope</th> <th>Item</th> <th>Base year</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Waste</td> <td>Consolidated subsidiaries in Japan</td> <td>Emissions per sales</td> <td>FY2014</td> <td>9% reduction</td> </tr> <tr> <td>Overseas companies</td> <td></td> <td>FY2020</td> <td>Actual result and under</td> </tr> </tbody> </table>	Subject area	Scope	Item	Base year	Target	Waste	Consolidated subsidiaries in Japan	Emissions per sales	FY2014	9% reduction	Overseas companies		FY2020	Actual result and under
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Waste	Consolidated subsidiaries in Japan	Emissions per sales	FY2014	9% reduction											
	Overseas companies		FY2020	Actual result and under											
8 Contribution to the establishment of a resource recycling system for the entire society	<ul style="list-style-type: none"> Collaboration with external partners regarding natural resource input and reduction of waste Reduction of use of packaging materials <ul style="list-style-type: none"> Weight reduction and simplification with material and specification change Reuse of returnable containers and pallets 														
9 Enhancement of water resource efficiency for production	<ul style="list-style-type: none"> Promotion of reduction of water resource input <table border="1"> <thead> <tr> <th>Subject area</th> <th>Scope</th> <th>Item</th> <th>Base year</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Water volume</td> <td>Global</td> <td>Water volume per sales</td> <td>FY2019</td> <td>2.1% reduction</td> </tr> <tr> <td>High-risk sites</td> <td>Water volume per production volume</td> <td>FY2020</td> <td>12.5% reduction</td> </tr> </tbody> </table>	Subject area	Scope	Item	Base year	Target	Water volume	Global	Water volume per sales	FY2019	2.1% reduction	High-risk sites	Water volume per production volume	FY2020	12.5% reduction
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Water volume	Global	Water volume per sales	FY2019	2.1% reduction											
	High-risk sites	Water volume per production volume	FY2020	12.5% reduction											
10 Contribution to conservation of local water resources	<ul style="list-style-type: none"> Continuation and expansion of biological research regarding water around plants and cleanup activities Continuation of observance of the self standard for drainage (to a higher level than the legal standards or water quality required by the region) 														
11 Improvement of the water resource environment by collaborating with suppliers	<ul style="list-style-type: none"> Reinforcement of collaboration with suppliers in the field of water 														

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Establishment of a society in which people coexist with nature

2050 Vision Aim to realize harmony with nature and the regional ecosystem globally

Initiatives	Implementation items and targets										
12 Reduction of the impact on biodiversity	<ul style="list-style-type: none"> Revision of the "AISIN Group Biodiversity Guideline" in accordance with the post Aichi Biodiversity Targets 										
13 Conservation of biodiversity at our operating sites	<ul style="list-style-type: none"> Implementation of activities for biodiversity by business base based on biodiversity research Maintenance of model plants based on the definition of a "plant where people coexist with nature" <table border="1"> <thead> <tr> <th>Subject area</th> <th>Scope</th> <th>Item</th> <th>Base year</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>Plants where people coexist with nature</td> <td>Global</td> <td>Number realized</td> <td>—</td> <td>3 plants</td> </tr> </tbody> </table>	Subject area	Scope	Item	Base year	Target	Plants where people coexist with nature	Global	Number realized	—	3 plants
Subject area	Scope	Item	Base year	Target							
Plants where people coexist with nature	Global	Number realized	—	3 plants							
14 Contribution to conservation and enhancement of local biodiversity	<ul style="list-style-type: none"> Enhancement of environmental communication through "plants where people coexist with nature" 										

Fundamental activities related to all themes

2050 Vision Aim to create a more advanced environmental management system

Initiatives	Implementation items and targets
15 Reduction of substances of concern in production	<ul style="list-style-type: none"> Reduction of chemical substances ahead of laws and regulations and environmental impact, and reinforcement of management of chemical substances
16 Continuance of global consolidated environmental management and consolidation of the foundation for environmental initiatives	<ul style="list-style-type: none"> Thorough observance of environmental compliance Advancement of environmental activities with information communication technology Continuation of training assuming the risk of environmental accidents Creation of the foundation for integrating consolidated environmental management globally Reinforcement of the development of global environmental human resources
17 Supply chain management	<ul style="list-style-type: none"> Sharing of the group environment vision and targets with suppliers, and support for the promotion of environmental actions Establishment of a system for gathering information of suppliers' environmental initiatives Evaluation of environmental risks of candidates for new suppliers and auditing of existing suppliers
18 Environmental communication and stakeholder engagement	<ul style="list-style-type: none"> Maintenance and expansion of environmental communication in response to various stakeholders Management of environmental activities in cooperation with local communities