

# Seventh Aisin Consolidated Environmental Action Plan (results) GRI 103-3, 308-2, 413-1

Category	Initiative	FY2022 results	Evaluation
Establishment of a zero carbon society	1 Reduction of CO <sub>2</sub> emissions across product life cycles	<ul style="list-style-type: none"> <li>Obtained approval related to the Scope 3 calculation definition and results, as well as how to proceed with the necessary measures in the future.</li> <li>Considered changing the 2030 SDGs target values. Obtained approval for changing the baseline year for the 25% reduction from 2013 to 2019.</li> </ul>	○
	2 Reduction of CO <sub>2</sub> emissions from product design	<ul style="list-style-type: none"> <li>Shiroki, ADVICS, and Art Metal Mfg.: Listed the relevant products, calculated the product LCA- CO<sub>2</sub> for the baseline year, and prepared a reduction plan.</li> </ul>	○
	3 Reduction of CO <sub>2</sub> emissions from production	<ul style="list-style-type: none"> <li>Made efforts to gain understanding of the medium- to long-term CO<sub>2</sub> targets throughout the Group and among affiliated companies, and concluded agreements with individual companies on their emission reduction targets.</li> <li>Clarified 222 energy-saving items at all the operating bases in the consolidated Group and 394 themes for production engineering, with our eyes toward 2025.</li> </ul>	○
	4 Introduction of renewable energy for production	<ul style="list-style-type: none"> <li>Standardized how to introduce renewable energy, and rolled out procurement activities through cooperation throughout the Group based on our renewable energy introduction policy.</li> <li>Established a CO<sub>2</sub> emission reduction target for each operating site to achieve by introducing renewable energy.</li> <li>Reduced CO<sub>2</sub> emissions by introducing the certification and credit systems through cooperation throughout the Group.</li> </ul>	○
	5 Reduction of CO <sub>2</sub> emissions from distribution	<ul style="list-style-type: none"> <li>Completed the expansion of joint delivery in Shizuoka and Toyota.</li> <li>Introduced full trailers for Honda Sayama.</li> <li>Kira Plant: Introduced AT delivery semi trailers for transportation to the Nagoya Port.</li> <li>Established a framework together with related departments for introducing many more biomass trucks by conducting trouble analysis and taking the necessary measures.</li> </ul>	○
Establishment of a recycling-oriented society	6 Product design and technology development for contributing to the enhancement of resource efficiency	<ul style="list-style-type: none"> <li>Newly formulated a product design method using recycled resin materials, and provided related information for group companies.</li> <li>Explained the technical standards to design departments that used resin materials heavily, and exchanged views with them. Also, organized an in-house exhibition (technology forum) to raise employees' awareness of using recycled resin materials.</li> </ul>	○
	7 Reduction of the resource use and waste emission in production	<ul style="list-style-type: none"> <li>Shared the practices presented by 12 production companies of the Group for reducing waste and turning waste into valuables. (Shared the practices adopted to reduce waste by a total of 170 t throughout the Group.)</li> <li>Conducted waste breakdown surveys in seven overseas operating regions, and identified the waste generated in large amounts.</li> </ul>	○
	8 Contribution to the establishment of a resource recycling framework for the entire society	<ul style="list-style-type: none"> <li>Organized study sessions and conducted waste plastic surveys among the relevant companies, and then concluded a mixed-cargo transportation contract through cooperation of the six operating bases of the three group companies in Mikawa, thereby maximizing the cargo efficiency and turning 6 t of waste plastic into valuables.</li> <li>Introduced returnable palettes for AT finished products for overseas markets, and reduced the use of packaging materials by improving the packaging style.</li> <li>Launched in-house consideration of how to respond to a circular economy.</li> </ul>	○
	9 Enhancement of water resource efficiency for production	<ul style="list-style-type: none"> <li>Shared the measurement guidelines and a collection of best practices for reducing the use of water (151 practices) among all the 140 group companies throughout the world.</li> </ul>	○

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Establishment of a recycling-oriented society	10 Contribution to conservation of local water resources	<ul style="list-style-type: none"> <li>Performed an annual survey of the Chosen River, where factory wastewater flows.</li> <li>Analyzed wastewater samples at an inhouse analysis department and continued compliance with our standards.</li> </ul>	○
	11 Improvement of the water resource environment through cooperation with suppliers	<ul style="list-style-type: none"> <li>Organized an annual seminar for suppliers (including the 111 members of the Aisin Suppliers Network) regarding water risks, in line with the revision of the Green Procurement Guidelines.</li> <li>Conducted a water risk survey for all the 111 members of the Aisin Suppliers Network, and completed preparation for identifying operating sites with high risks</li> </ul>	○
	12 Reduction of the impact on biodiversity	<ul style="list-style-type: none"> <li>Postponed revising the AISIN Group Biodiversity Guidelines in line with the postponement of the establishment of the Post-Aichi Targets. Will examine the need for the revision of the Guidelines after the establishment of the targets.</li> </ul>	—
Establishment of a recycling-oriented society	13 Conservation of biodiversity at our operating sites	<ul style="list-style-type: none"> <li>Aisin Handa Plant, Aisin Keikinzoku Ariso Plant, and Aisin Sin'ei Kouta Plant: Set their own definitions of a "plant that coexists with nature." Shared the standards</li> <li>The above three plants: Appointed experts for their initiative, selected index species, and launched a habitat environment preservation initiative.</li> </ul>	○
	14 Contribution to conservation and enhancement of local biodiversity	<ul style="list-style-type: none"> <li>The above three plants striving to coexist with nature: Established the FY2023 action plan for environmental communication with the local communities.</li> </ul>	○
Fundamental activities related to all the themes	15 Reduction of substances with environmental impact in production	<ul style="list-style-type: none"> <li>Reduced the use of chemical substances and continued efforts for ensuring that the reduction was maintained.</li> <li>AISIN: Introduced a new framework for ensuring legal compliance.</li> </ul>	○
	16 Continuation of globally consolidated environmental management and consolidation of the foundation for environmental initiatives	<ul style="list-style-type: none"> <li>4 environmentally abnormal cases</li> <li>Analyzed factors causing the past abnormal cases and planned AGES training.</li> <li>Offered training on environmental management data. Confirmed an increase in the data accuracy.</li> <li>Identified the current situations of overseas operating regions toward organizing an energy-saving program.</li> <li>Distributed a globally common checking sheet for EMS assessment.</li> </ul>	×
	17 Supply chain management	<ul style="list-style-type: none"> <li>Organized an annual seminar for suppliers (including the 111 members of the Aisin Suppliers Network) on water risks, in line with the revision of the Green Procurement Guidelines</li> <li>Conducted a survey on water risks for all 111 companies of the Aisin Suppliers Network. Completed preparations to identify high-risk sites.</li> <li>Inspected suppliers to reduce the risk of production suspension due to environmental problems. Conducted on-site and online inspections for 47 suppliers in the Chugoku region.</li> </ul>	○
	18 Environmental communication and stakeholder engagement	<ul style="list-style-type: none"> <li>Carried out biodiversity activities in five places in Japan while taking account of the COVID-19 pandemic.</li> <li>Listed by the CDP in group B (climate change) and group A (water security)</li> </ul>	○