[Action Plan]

Realize a decarbonized society / Realize a recycling oriented society / Realize a society in harmony with nature / Healthcare Solutions / Nano-Technology Solutions / Value Chain Solutions / Core Technology Solutions / Common initiatives / Outside four business segments

	Content of Initiative	Social and Environmental Value	FY2022 Results	FY2023 Results	FY2024 Plan
6	Develop and provide solutions to increase corporate value for customers in the value chain, including lithium-ion battery reuse/recycling and manufacturing for commercial EV fleet management operators and similar companies*1	● Promote the transition to EVs ● Extend the life of lithium-ion battery resources ● Make effective use of valuable metals ● Reduce the environmental impact of production and recycling processes	● Developed remote degradation diagnostic services for on-board automotive lithium-ion batteries, incorporated customer PoC and PoV ● Continued to develop EV transition simulation app facilitating the quantification of CO_2 emission reductions and other effects associated with the transition to EVs	● Incorporated customer PoC and PoV into remote degradation diagnostic services for on-board automotive lithium-ion batteries in preparation for commercialization ● Used the app simulating the transition to EVs, incorporate PoV into the creation of proposals for the new introduction of EVs and switched from internal combustion engine vehicles (gasoline and diesel-powered vehicles, etc.)	● Together with partners on a global basis, provide these solutions to the value chain of EVs and lithium-ion batteries, including recycling and energy storage companies as well as car leasing companies and other fleet operators
7	Develop and provide new manufacturing methods that enable the production of aluminum products using recycled materials	● Contribute to the realization of aluminum recycling in manufacturing	● Commercialized aluminum sheet process method (aluminum hot stamping) using 100% recycled materials, commenced collaborations with partners toward mass production ● In addition to applying 100% recycled aluminum sheets to chairs and snow shovels, we developed bicycle frames in cooperation with a domestic bicycle manufacturer that were exhibited at festivals ● Participated in the research and development of an industrial robot prototype	● Committed to mass production and sales of bicycles using frames made from 100% recycled aluminum ● Conducted consider on application of industrial robots with companies	● Mass production and sale of bicycles with frames made from 100% recycled aluminum ● Continue considering proposals with companies for industrial robots
8	Initiatives to improve resource and water use efficiency at domestic Group companies	● Resource conservation, waste reduction, and effective use of water resources	● Waste generation: Improved 38.1% per unit*2 ● Water usage: Improved 49.5% per unit*2	● Waste generation: Improved by 38.0% per unit*2 ● Water usage: Improved by 67.9% per unit*2	● Waste generation: Improve by 38.1% or higher per unit*2 ● Water usage: Improve by 49.5% or higher per unit*2
9	Biodiversity Conservation Initiatives	● Contribute to realizing a society in harmony with nature ● Raise employee awareness and implement activities to revise operations and business from the perspective of global environmental conservation	Conducted biodiversity conservation activities, and provided employees with opportunities to participate ● Began involvement with Takao Forest Nature School activities ● Expanded and maintained insect hotels at the Hitachi High-Tech Science Forest ● Planted and monitored local native species at the Hitachi High-Tech Yasato Forest ● Conducted hybrid biodiversity conservation activities that can be done at home	Continued conducting biodiversity conservation activities, and providing employees with opportunities to participate ● Expanded Takao Forest Nature School activity content and participants ● Pruned branches, and maintain and monitor birdhouses at the Hitachi High-Tech Yasato Forest ● Conducted biodiversity conservation activities that can be done at home ● Ministry of the Environment certification of our biodiversity website	Promote activities aimed at expanding areas and species for inclusion in biodiversity conservation ● Register OECM*3 certification for the Hitachi High-Tech Science Forest ● Expand the area of mixed needle and broadleaf forest in the Hitachi High-Tech Yasato Forest

*1 Transportation, bus, taxi, rental car, and leasing companies as well as and other businesses that operate a large number of vehicles for the purpose of moving people and goods.
*2 Base year: FY2010
*3 Natural environment conservation in cooperation with the private sector in areas other than national parks or other protected areas where biodiversity can be conserved.