





[Action Plan]

Development of science and
technologyAchieving resilience at
production sitesHealthcare
SolutionsNano-Technology
SolutionsValue Chain
SolutionsCore Technology
SolutionsCommon
initiativesOutside four business
segments

	Content of Initiative	Social and Environmental Value	FY2022 Results	FY2023 Results	FY2024 Plan
1	<p>Provide material development solutions that accelerate development speed and contribute to the development and provision of new materials</p> 	<ul style="list-style-type: none"> ● Contribute to the verification of new knowledge and experiments to create new materials ● Realization of a smart society on a global scale through the utilization of new materials ● Raising the technical and production capabilities of small and medium-sized manufacturing companies 	<ul style="list-style-type: none"> ● Commenced provision of material development solutions to companies facing material development issues 	<ul style="list-style-type: none"> ● Provided material development solutions to companies engaged in material development in Japan and overseas ● Commenced co-creation with the Industrial Technology Research Institute in Taiwan 	<ul style="list-style-type: none"> ● Expand and provide solutions resolving a wider range of customer issues by increasing use of analyzers and other equipment to automate customer experimental data analysis
2	<p>Activities to support science education using tabletop microscopes</p> 	<ul style="list-style-type: none"> ● Contribution to the development of next-generation researchers that will lead to the development of science, medical technology, etc. 	<ul style="list-style-type: none"> ● Promoted online classes to areas and children in Japan that have been difficult to reach up to now ● Posted YouTube videos featuring a collaboration between Group products and science artist Ichioka Genki, and held online experimental events ● Supported the revitalization of local science education in cooperation with disaster prevention centers and high schools in various regions ● Conducted activities in Singapore, Malaysia, and Indonesia. Expanded Group global collaborative activities ● Conducted remote science classes as part of the Japan-Azerbaijan Friendship Year exchange program 	<ul style="list-style-type: none"> ● Provided learning opportunities globally through online classes reaching a wider range of students, and held first-ever on-site lecture at a local school in Malaysia ● Produced over 100 YouTube videos in collaboration with Ichioka Genki, and held an event featuring medical equipment ● The results of research conducted using electron microscopes loaned to high schools related to fuel cells and microplastics was published on our website ● In collaboration with the Nagoya Port Disaster Prevention Center, we held the first science outreach classes on disaster prevention 	<ul style="list-style-type: none"> ● Provide opportunities and maintain efforts supporting students, student research, and the presentation of results and papers
3	<p>Provide manufacturing and inspection solutions that enable highly efficient semiconductor production</p> 	<ul style="list-style-type: none"> ● Contribute to the advancement of the digital society by improving and stabilizing industry productivity 	<ul style="list-style-type: none"> ● Began developing digital service solutions for customer device development and greater efficiency at the US Co-Creation Center 	<ul style="list-style-type: none"> ● Developed "digital service solutions" to resolve customer issues that integrate and link customer data collected at each stage of the semiconductor manufacturing process ● Construction of digital service infrastructure at Co-Creation Centers in Taiwan and South Korea has been completed and operations have commenced 	<ul style="list-style-type: none"> ● Increase the sophistication of productivity improvement solutions, expanded the range of connected devices, and expanded the range of users ● Leverage data platform to enhance development efficiency ● Strengthen alliance with Global Logic
4	<p>Provide screening and inspection agency services contributing to operational efficiency and quality improvement through visualization of the entire supply chain</p> 	<ul style="list-style-type: none"> ● Contribute to improvement of production site efficiency and product quality ● Contribute to building a flexible and robust production system 	<ul style="list-style-type: none"> ● Contributed to the prevention of defective products and redelivery loss in transactions with provision of high-quality screening and inspection agency services within the Hitachi Group 	<ul style="list-style-type: none"> ● Expanded services to include new supplier quality control audits, chemical substance management audits, regular quality control audits for existing trading companies, and supplier quality improvement support. ● Verified the effectiveness of screening and inspection agency work within the Hitachi Group to provide services that meet needs 	<ul style="list-style-type: none"> ● Expand service provision within the Hitachi Group, and begin providing services to companies outside the Hitachi Group ● Begin considering the use of a quality data visualization tool to reduce management workload and quickly implement quality improvement measures