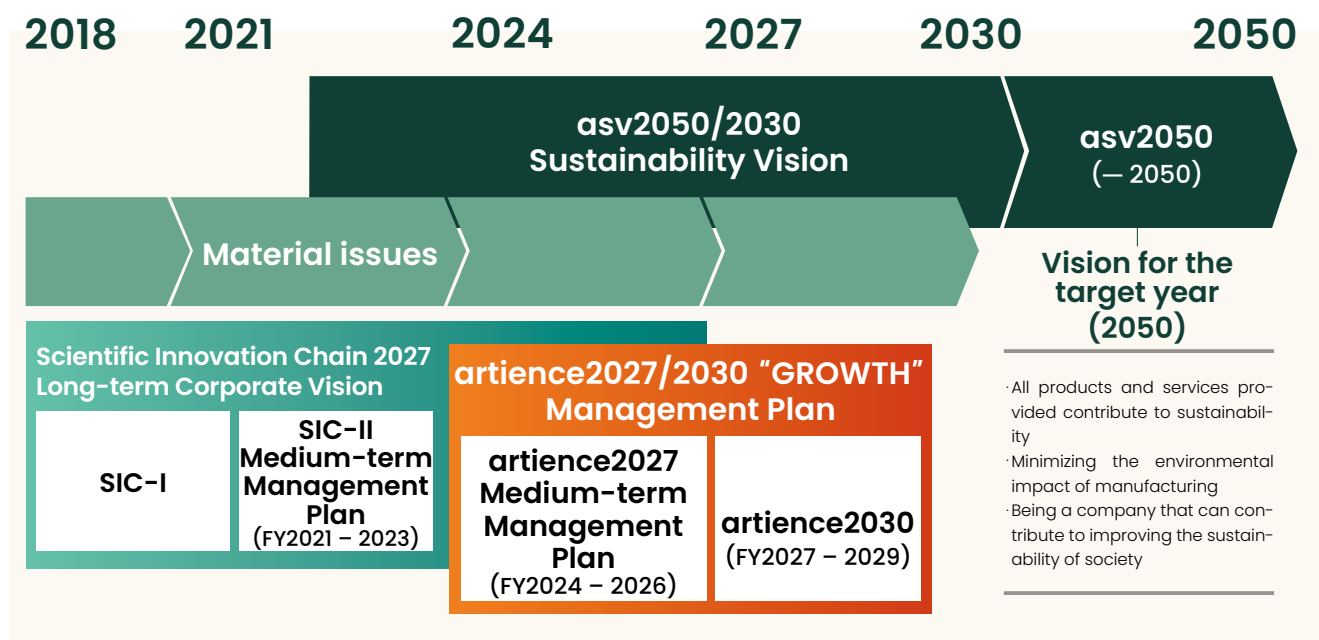


Sustainability Vision asv2050/2030

Our asv2050/2030 Sustainability Vision consists of a vision for the Group in 2050, and practical long-term targets to be achieved, set by backcasting toward 2030 as a milestone year. With this vision as an in-

dicator, we will continue to engage in sustainability activities linked to our new management plan: artience2027/2030 "GROWTH."



Sustainability Vision asv2050/2030

| asv2030 | asv2050 | Vision for the target year (2050) |
|--|--|--|
| Intermediate targets at milestone towards 2050 Corporate contributions to achieving the SDGs | Direction leading to vision for 2050 Achievement of carbon neutrality | |
| 1. Providing products and services that realize a sustainable society | | |
| <ul style="list-style-type: none"> Sales ratio of sustainability-enhancing products will be 80% Increasing the number of products able to contribute to the reduction of CO₂ emissions throughout their lifecycle | <ul style="list-style-type: none"> Making all products sustainability enhancing products Helping customers achieve decarbonization | All products and services provided contribute to sustainability |
| 2. Reducing the environmental impact of manufacturing | | |
| <ul style="list-style-type: none"> CO₂ emissions: 35% reduction in Japan (from the FY2020 level) : 35% reduction overseas (compared to the FY2030 BAU) Amount of waste treated off-site (Japan): 50% reduction (from the FY2020 level) Harmful chemical substance emissions (Japan): 30% reduction (from the FY2020 level) | <ul style="list-style-type: none"> Achieving net zero CO₂ emissions from production activities and minimizing their environmental impact Minimizing waste generation Realizing sustainable water use | Minimizing the environmental impact of manufacturing |
| 3. Building a foundation for trust | | |
| <ul style="list-style-type: none"> Sourcing raw materials in ways that are friendly to the environment and good for society Respecting the diversity of employees and co-existing in harmony with the natural environment and local communities Continually restructuring our governance system | <ul style="list-style-type: none"> Continuing to reform and transform our supply chain, human resources, regional activities, and governance from the perspective of environmental and social contribution | Being a company that can contribute to improving the sustainability of society |

* Formulated as the TSV2050/2030 Sustainability Vision in January 2022 and renamed in January 2024.

[WEB](#) Details of the Sustainability Vision are posted on our website.

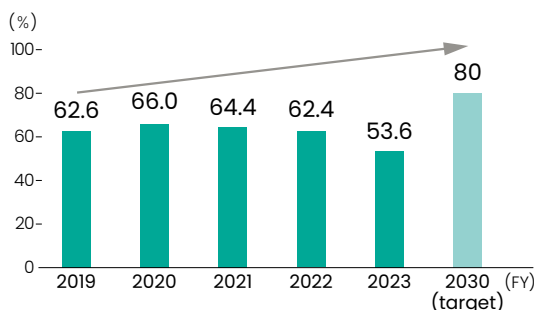
Sustainability Vision asv2050/2030

Making all products sustainability enhancing products

The artience Group is driving the development and launch of products and services that cater to the needs of society and customers, and is working to enhance and expand its range of sustainability-enhancing products, with “environmental value” as the value provided by environmentally friendly products, and “lifestyle value” as the value provided by products that contribute to comfort in people’s lives, their health and welfare, and safety and reliability.

In our asv2050/2030 Sustainability Vision, we have set a target of achieving a sales ratio of 80% of total sales for sustainability-enhancing products by 2030, and that all products be sustainability-enhancing products by 2050.

Changes in sales ratio of sustainability-enhancing products* and its targets



* In FY2023, a new definition of sustainability-enhancing products was introduced under asv 2050/2030 and the scope of calculation was expanded to include overseas sales. The figures up to an including FY2022 are sales composition ratio of conventional environmentally friendly products.

Values provided by sustainability-enhanced products and their direction

| Provided value | Direction | Keywords | Examples of measures and products |
|--|--|---|---|
| Environmental Value Building a society that co-exists in harmony with the environment | Decarbonization | Clean energy / new energy Energy reduction / Shift to EV-based transportation | Proposal and advanced development of materials and technologies that contribute to the acceleration of the shift to EVs (LiB materials, thermal control materials and components) Contributing to reducing CO ₂ emissions during use (shift to UV / EB) Developing environmentally friendly new power generation systems and proposing materials for these systems |
| | Resource circulation | Reduce Reuse Recycle Replace | Reducing the percentage of petroleum raw materials and replacing them (shift to bio-mass, water-based materials) Simplification of product components, replacement with paper (biodegradable materials, functional coatings) Materials and systems that support the recycling of plastics (materials and systems supporting horizontal recycling) |
| | Coexisting with nature | Environmental harmony, coexistence, and purification Reduction of substances with environmental impact | Heat shielding paint, thermal insulation Soil improvement, wastewater purification, and utilization of renewable energy |
| | Carbon recycling | | Developing Carbon Capture, Usage and Storage (CCUS) technologies, utilizing CO ₂ -derived raw materials |
| Lifestyle Value Realizing a comfortable, healthy and safe society | Medical / healthcare area | Prevention / diagnosis | Development of diagnostic materials and systems which lead to the early detection and prevention of diseases and the reduction of risk of being affected by diseases |
| | | Medical treatment | Development of pharmaceutical and medical materials which contribute to advanced therapies and self-care |
| | | Safety / security | Provision of safe, reliable products which do not affect living bodies (do not contain harmful substances) |
| | Communication / electronics / digital area | High-speed, large-capacity communication | Development of next-generation materials which support photonics, high-speed, large-capacity transmission, and high-speed computing |
| | | Advanced sensing | Provision of key materials aimed at the development of a sensor society and a society connected via IoT |
| | | Big data | Developing technologies which lead to a convenient society based on the utilization of data |

Program for certification of sustainability-enhancing products



The Group’s products are examined based on specific sustainability evaluation items. They include orientation to the environmental value and the lifestyle value, definition and GHG emissions intensity. Any product that is evaluated as fulfilling the certification criteria is certified as a sustainability-enhancing product. The Sustainability-Enhancing Products Certification Office

conducts the examination for certification. The Chief Sustainability Officer, who also chair the Office, grants approval for examination results and authorizes certification. The certification criteria are reviewed regularly in accordance with changes in sustainability requirements in the market and in society.