



# Contributing to the sustained development of science and industry

## Basic Ideas and Visions

To develop science and industry, advanced technology that supports them is essential. The Hitachi High-Tech Group supports the improvement of R&D and production sites productivity, as well as higher product quality by fully utilizing and advancing our “measurement and analysis technology”, “automation and control technology”, “manufacturing capabilities”, thereby contributing to the sustainable development of science and industry. In addition, we help develop the next generation by carrying out social contribution activities utilizing our products.

## [ Action Targets ]

### 1 Development of science and technology



By developing and providing electron microscopes that enable high-precision observation and analysis, we will contribute to materials and device engineering and the advancement of testing and research of scientific theory. In addition, through science education support activities using tabletop electron microscopes, we will stimulate children's interest in science and technology through the activity and will contribute to resolution of social issues such as the loss of interest in science and the advancement of science and technology.

### 2 Achieving resilience at production sites



Through core technologies related to observation, measurement, and analysis; digital technologies such as AI and IoT; and the analysis and utilization of data collected from each process, we will improve the efficiency of production sites and build a flexible and robust production system. We thus aim to contribute to the improvement of productivity and product quality of manufacturing companies.