

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE & TECHNOLOGY



● General inquiries

https://www.aist.go.jp/aist_e/inquiry_e/form/inquiry_form.html



● AIST Solutions

<https://www.aist-solutions.co.jp/english/>



● Research achievement

https://www.aist.go.jp/aist_e/list/us_latest_research.html



● Facility tours

• AIST-Cube • Geological Museum • Life Technology Studio
https://www.aist.go.jp/aist_e/guidemap/#exhibition



● Employment

https://www.aist.go.jp/aist_e/humanres/

Making an invisible future visible. AIST is here next to you.

You are on the endless road of research and development.

AIST knows how long and rough it is.

Nevertheless, you do not give up getting to the undiscovered top.

We are aware of your determination.

That is why we do everything possible for you.

We draw maps to uncharted areas.

We form the best team with experts from various backgrounds.

We generously provide the world's best technologies and intellectual properties.

We will keep trying for commercialization together with you.

What cannot be seen now will someday become visible in the future.

We will walk along with you to that future that will change society.

Taking the industry of Japan to the highest peak in the world—

We are AIST,

the National Institute of Advanced Industrial Science and Technology.



The National Institute of Advanced Industrial Science and Technology (AIST), whose history started with the Geological Survey of Japan, Ministry of Agriculture and Commerce established in 1882, has since been conducting research and development for over 140 years to contribute to the country's development and the improvement of people's lives.

Energy and resource security, global climate change and environmental issues, response to low birthrates and aging populations in developed countries, resilience of society as a whole against intensifying natural disasters and large-scale infectious diseases—these are some of the various social challenges being faced today, not only in Japan, but also throughout the rest of the world. Our mission at AIST is to solve these social problems through science and technology, and to contribute to strengthening Japan's industrial competitiveness.

To fulfill this mission, we must position ourselves as the core participant of Japan's innovation ecosystem. We aim to build a ecosystem in which AIST drives the cycle from

setting the research agenda to social implementation, working closely with universities, public institutions, and industry to continuously create innovation.

Within this framework, it is crucial not only to produce innovative research results, but also to ensure social implementation of the technologies as products and services through business operations. The profits generated thereby support subsequent research and development, allowing the ecosystem to operate sustainably.

AIST has built the functions and institutional frameworks necessary to serve as the core of the innovation ecosystem. One example is the seven "Integrated Research Centers" established in FY2025. These centers are designed to facilitate the timely and efficient implementation of technologies, by backcasting from the three social problems identified as

the ones which AIST should address, and leveraging our comprehensive capabilities.

As "a national research institute that continues to grow," we, AIST, will sustainably create new value for society. Our vision is, "Create the Future, Collaborate Together." As such, we will continue to take on the challenge of shaping a better future together with our stakeholders.

We look forward to your continued support.

A handwritten signature in black ink, reading "K. Ishii".

President and CEO
National Institute of Advanced Industrial Science and Technology (AIST)

RESEARCH PROMOTION BODIES

At AIST, as research promotion bodies, we have established seven research departments and one special organization, set up research institutes and research centers, and conduct research and development to respond to industrial and social needs. At research institutes, we sustainably promote research and development of basic research to research that leads to practical application, and at research centers, we promote research and development of advanced technology, policy-based missions, and emerging technology. Moreover, to strengthen integrated research that takes advantage of AIST's collective strengths, in April 2025, we established Integrated Research Centers.



Integrated Research Center

Integrated Research Center for CCUS Implementation

Integrated Research Center for Circular Technology

Integrated Research Center for Nature Positive Technology

Integrated Research Center for Advanced Manufacturing

Integrated Research Center for Wellbeing

Integrated Research Center for Self-Care Technology

Integrated Research Center for Resilient Infrastructure

Seven research departments and one special organization



Department of Energy and Environment

- Research Institute of Science for Safety and Sustainability
- Energy Process Research Institute
- Environmental Management Research Institute
- Research Institute for Energy Efficient Technologies
- Research Institute of Electrochemical Energy
- Renewable Energy Advanced Research Center
- Global Zero Emission Research Center



Department of Life Science and Biotechnology

- Health and Medical Research Institute
- Cellular and Molecular Biotechnology Research Institute
- Molecular Biosystems Research Institute
- Biomanufacturing Process Research Center



Department of Information Technology and Human Factors

- Intelligent Systems Research Institute
- Intelligent Platforms Research Institute
- Cyber Physical Security Research Institute
- Research Institute on Human and Societal Augmentation
- Human Informatics and Interaction Research Institute
- Artificial Intelligence Research Center



Department of Materials and Chemistry

- Research Institute for Chemical Process Technology
- Research Institute for Sustainable Chemistry
- Research Institute of Core Technology for Materials Innovation
- Catalytic Chemistry Research Institute
- Nanocarbon Material Research Institute
- Multi-Material Research Institute
- Materials DX Research Center



Department of Electronics and Manufacturing

- Core Electronics Technology Research Institute
- Core Manufacturing Technology Research Institute
- Sensing Technology Research Institute
- Research Institute for Hybrid Functional Integration
- Advanced Power Electronics Research Center
- Semiconductor Frontier Research Center
- Photonics-Electronics Integration Research Center



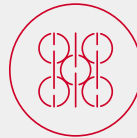
Geological Survey of Japan

- Research Institute of Earthquake and Volcano Geology
- Research Institute for Geo-Resources and Environment
- Research Institute of Geology and Geoinformation
- Geoinformation Service Center



National Metrology Institute of Japan

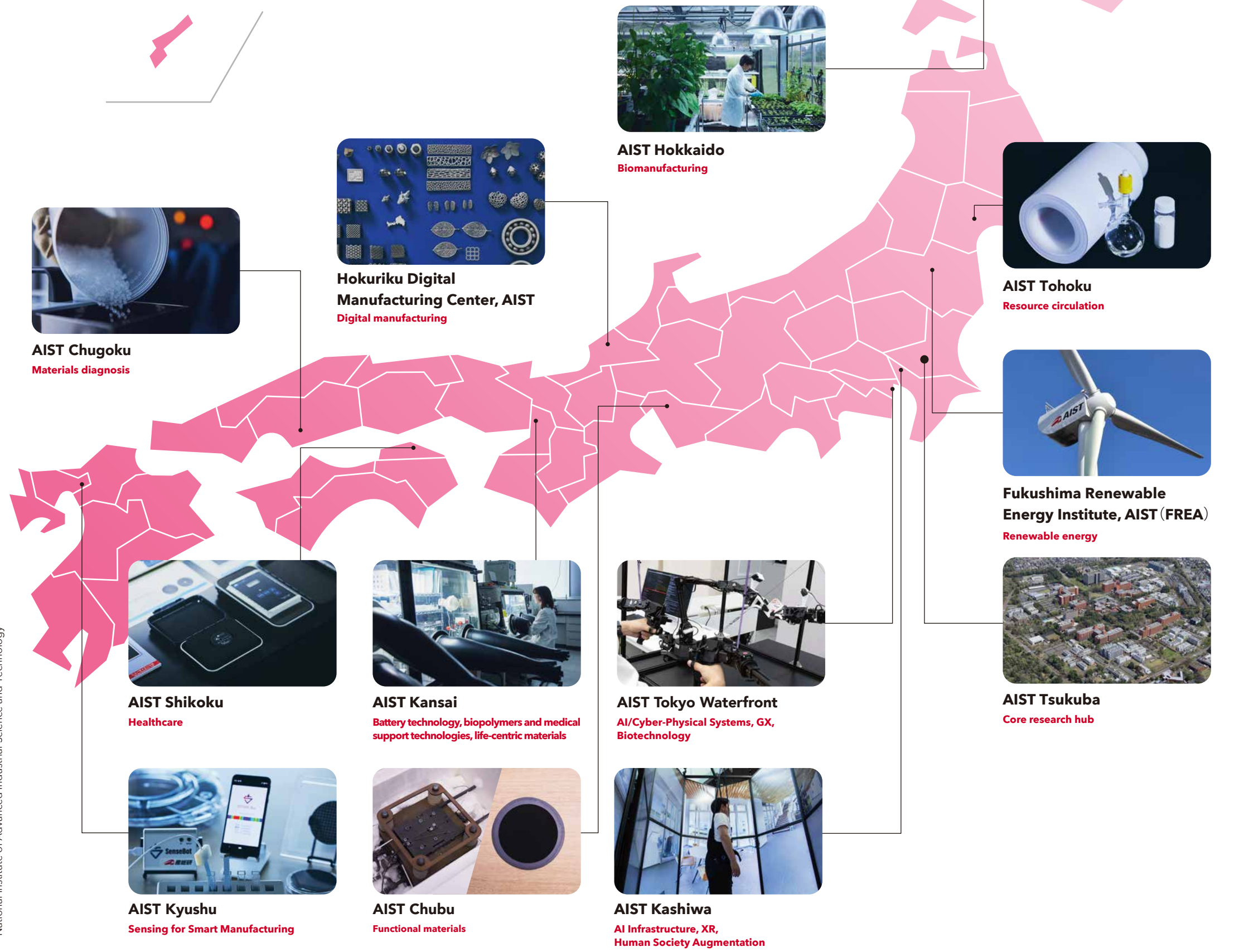
- Research Institute for Engineering Measurement
- Research Institute for Physical Measurement
- Research Institute for Material and Chemical Measurement
- Research Institute for Measurement and Analytical Instrumentation
- Center for Quality Management of Metrology



Global Research and Development Center for Business by Quantum-AI technology

RESEARCH BASES

AIST has regional research bases with unique strengths located throughout the country. They respond to needs of regional companies, and contribute to regional vitalization by collaboration with companies and research organizations such as universities in the region.



Personnel

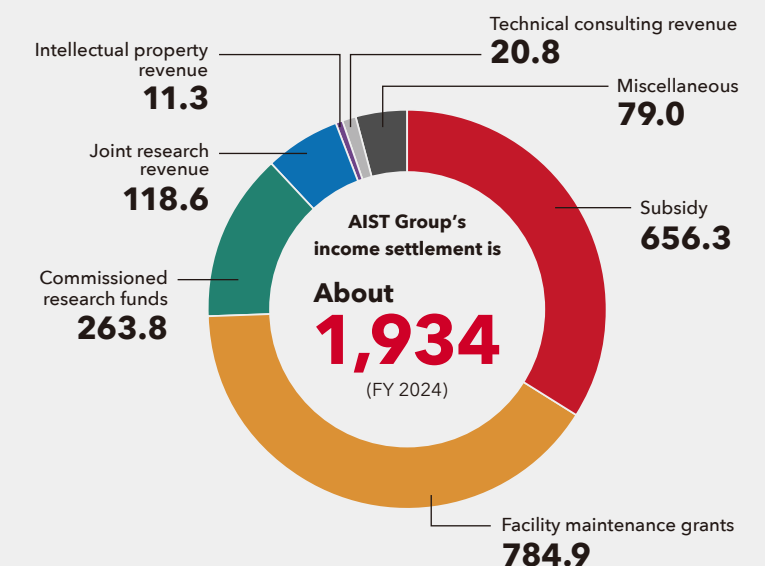
12,322

(Total number of personnel working at AIST)

* As of the end of March 2025. However, visitor data from companies and universities are based on the 2024 fiscal year results.

Researchers	2,287
Administrative employees	691
Technical employees	45
Contract employees (Including postdoc)	3,217
Executives	10
Emeritas advisor and emeritas councilor	17
Visiting researchers/employees from companies, universities, etc.	5,869
AIST Solutions employees	186

Revenue (unit : 100 million yen)



* The total revenue and breakdown of the AIST Group are calculated for convenience to represent the scale of the AIST Group's business.
 ** As the figures less than 10 million yen are rounded off, the sum of the figures of each category may not match the total sum.

AIST Group

AIST, together with its wholly owned subsidiary AIST Solutions Co.(AISol), is working to implement research results in society as the AIST Group. AISol links companies with AIST and contributes to new business value creation through marketing.



2023.4 Corporate Organization for Outcome Implementation Support