

Technical Development Group

Anticipating the upcoming changes in society and technological trends, the Technical Development Group operates three elemental technology laboratories, three collaborative technology centers, and R&D supporting sections. To work toward the realization of the Technical Development Group's VISION 2030, we will create elemental technologies that will form the basis of our business activities, operate with an awareness of co-creation between elemental technologies and external technologies, and engage in the creation of technological innovations.



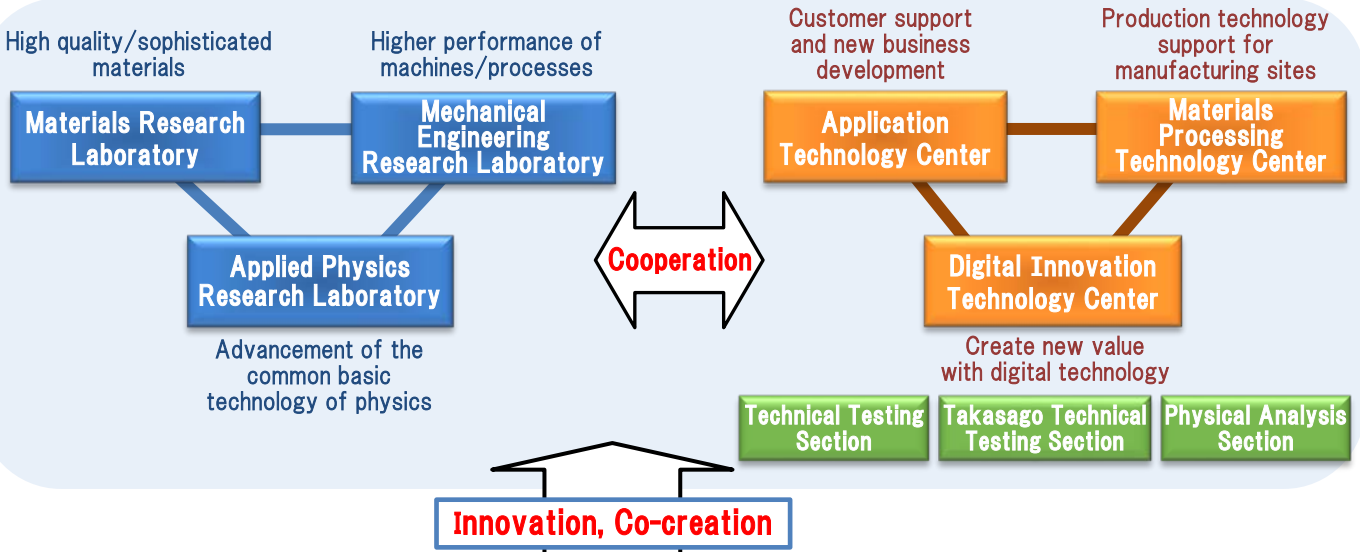
Elemental Technology Laboratories

Create new elemental technologies for the future.
Create new value through collaboration between laboratories and outside organizations.



Collaborative Technology Centers

Take on functions common to business activities, and link customers and products with technology through cooperation between centers.



External Collaboration

- Universities
- Public Research Institutes
- Academic Societies and Associations, Consortiums
- Partner Companies
- Vendors, Consultants

Relevant Head Office Departments

Business Development Department

Company-wide technology management, Creating new business

Intellectual Property Department

Intellectual property

Technical Development Group's VISION 2030

Our View of the Future

We envision a world in which people, now and in the future, can fulfill their hopes and dreams while enjoying safe, secure and prosperous lives.

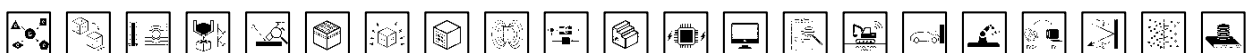
Value areas addressed by Technical Development Group

- Challenges facing the environment, resources, energy
- Innovation in manufacturing through value streams
- Creating a safe and secure society
- Improving productivity by reforming our work-style



Our Mission

Our mission is to provide great value to the world with our diverse ideas and promising technologies.



The 21 core technologies at the heart of the Technical Development Group