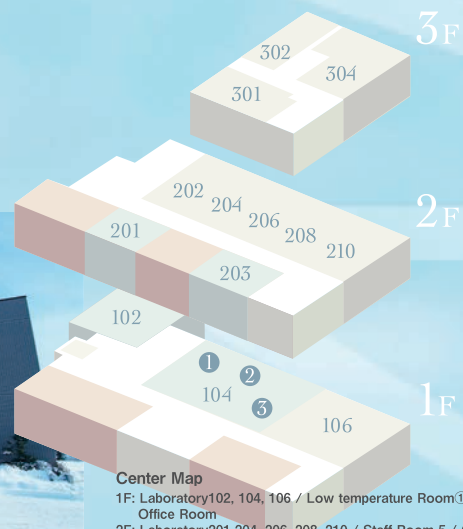


Center for Regional Community
Organization for Society Cooperation
National University Corporation Kitami Institute of Technology
Outline Information

well

Connect ?



Center Map
1F: Laboratory102, 104, 106 / Low temperature Room①-③ / Staff Room1-4 / Director Room / Office Room
2F: Laboratory201-204, 206, 208, 210 / Staff Room 5 / Conference Room / Clean Room1
3F: Laboratory301, 302, 304 / Thermo-hygrostat Laboratory / Clean Room2

Access : The closest airport is Memanbetsu Airport.

From Haneda Airport - Memanbetsu Airport Several round-trip operations per day(1hour 40minutes)

From Kansai Airport, Chubu Centrair Airport One round-trip operation per day(around 2 hours)

※ Airport shuttle buses meet all flights (45minutes to "KIT" bus stop).

From Kitami station

Bus There is a Palabo Building next to the Kitami train station. The bus stop is across from the Palabo Building.

Take "Miwa-Koizumi" bus(every 10 minutes). Get off at "Kitami Institute of Technology" bus stop and walk for 10 minutes.

Taxi There is a taxi stand at Kitami station(10 minutes)

Center for Regional Community
Organization for Society Cooperation, National University Corporation Kitami Institute of Technology

603-2 Hakuyo-cho, Kitami, Hokkaido 090-0013 TEL: 81-157-26-4161 FAX: 81-157-26-4171 E-mail: center@crc.kitami-it.ac.jp

Our goal is industry, academia and government cooperating together in joint promotion of wide and open collaboration.

Center for Regional Community, Kitami Institute of Technology

KIT has been promoting industry-academia-government collaboration in order to improve "Community Collaboration & Community Service" and "Promoting Joint Research & Supporting Research" by cooperating in many ways with other institutes outside of the university. Our center was founded in 1992 and has the goal of contributing to the community through our industry-academia-government collaboration work. Please use our center for improving your technologies by collaborating with us.

Incubating Business

We have a role to play in business incubation by promoting enterprise, helping to start new businesses, and supporting businesses in their creation of new work projects.

Tenant Companies

- Business union Kitami Industry-Technology and Medical Collaboration Center (KITaMeC) (One of the university-originated ventures by Kitami Institute of Technology)

Buckup for organizations supporting industry-academia-government collaboration

Municipal organizations and institutions are operated by government at this center.

Tenant Organizations

- Okhotsk Industry-Academia-Government Integration Center

This service center integrates every effort in Okhotsk region for supporting small and medium enterprises and entrepreneurs in local area.

- Organization for Small & Medium Enterprises and Regional Innovation- Hokkaido branch

We produce new projects and offer the services of professional consultants for small and medium-sized agencies in the Okhotsk area.

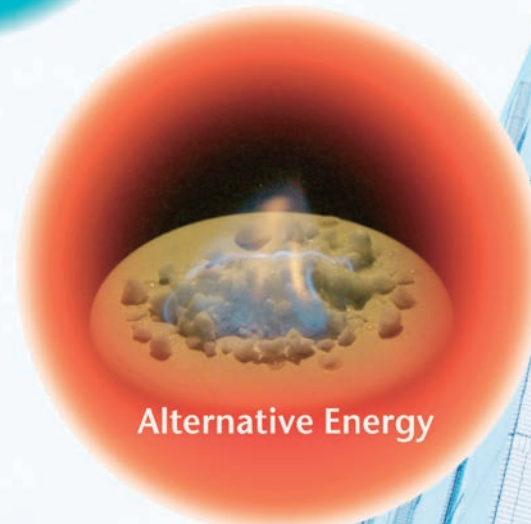
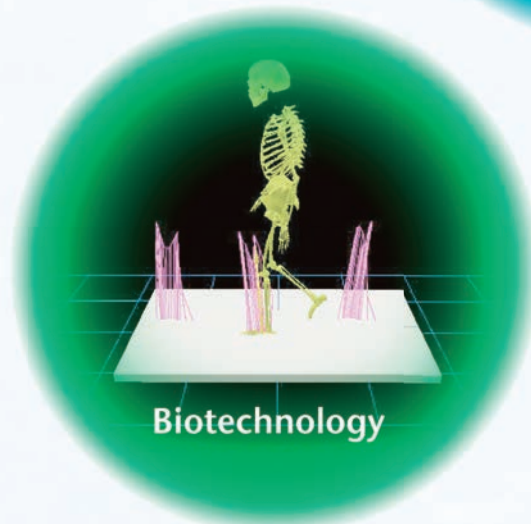
- Hokkaido Intellectual Property Information Center - Kitami Satellite

Here you can receive free counseling about intellectual property by the Hokkaido Bureau of METI (Ministry of Economy, Trade and Industry) and seven other institutions. We have a teleconference system for that purpose.

Organization for promoting collaborative research

Each researcher has more than **0.5** collaborative researches per year

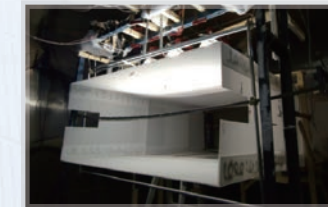
We invest more than 90 collaborative research projects every year. We develop and promote collaborative research projects actively and always have a high average rate of collaborative research projects in Japan.



We have the most advanced cold district engineering technologies and more----

We try to develop technologies to harmonize with nature by using eco-friendly engineering methods for effective use of resources that have not been utilized yet in the local area. Our research field includes a very wide range from nano-level to global views. We aim at contributing to the local community and also to the world by using and promoting our advanced technologies.

We have the largest research plants in Japan.



Low-temperature materials · Structural experiment system---- This experimental system is the symbol of cold district engineering at KIT and we have the goal of being the top of our field. Our structural experiment system can produce a minus 50°C environment. This experimental system is used for conducting research on the natural environment itself and developing technologies for structures to be used in this cold district.

Promoting system for industry-academia-government collaboration

We have a free consultation service. Feel free to contact us. center@crc.kitami-it.ac.jp

Collaborative research system and services



How can we design effective collaborative research programs?

Collaborative partners bear the expenses of research funds, and do research together with researchers or engineers who are KIT partners.



Partnership with collaborative research

Researchers and research institutions can join our collaborative research projects in any location.

Other systems and services

Entrusted research system

Collaborative partners bear the expenses of research funds. KIT conducts the research by itself and report the result.

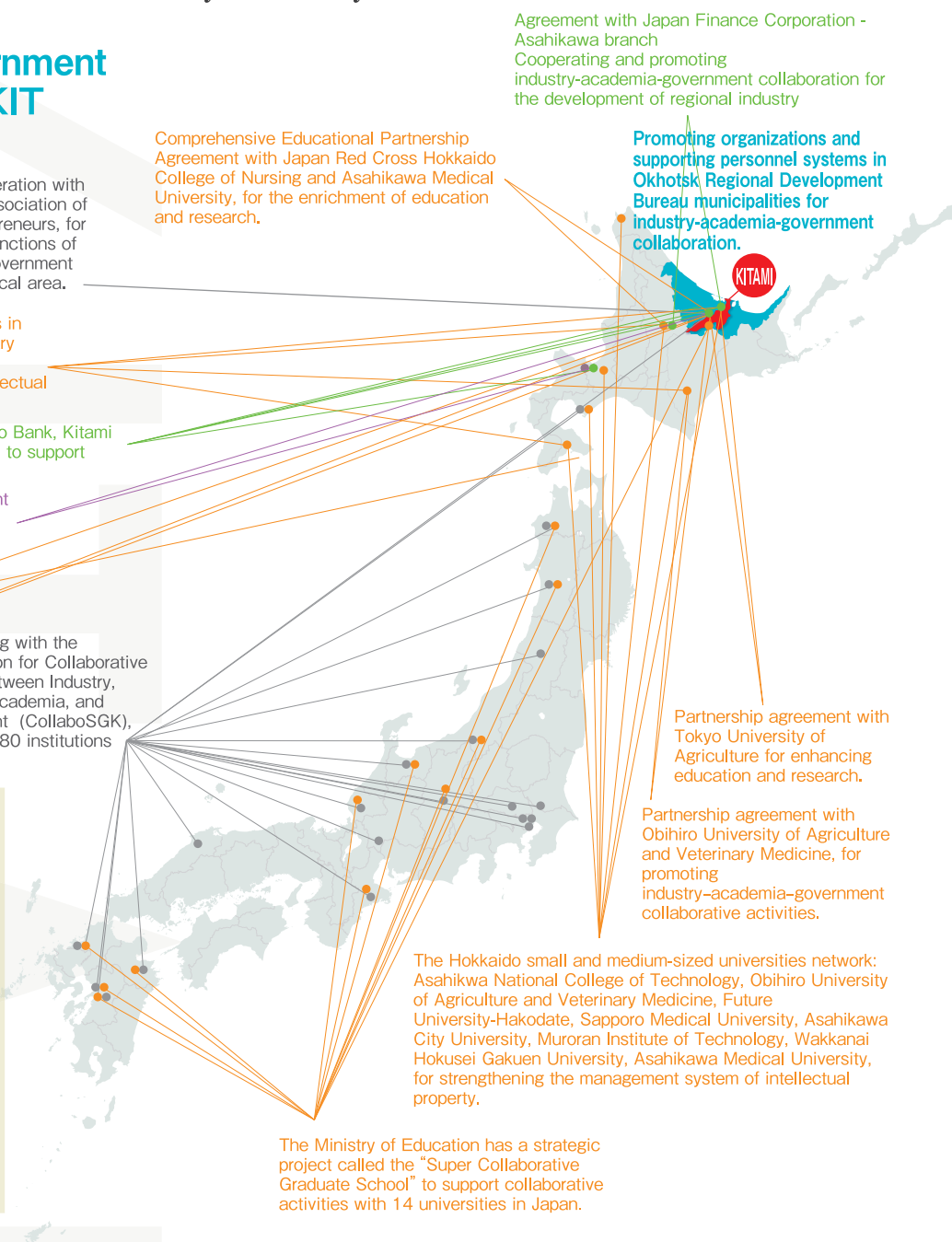
Scholarship donation system

We ask for donations for grants and scholarships in order to help with research expenses and educational subsidies.

Our Center goal is to contribute to society.

We encourage and support collaboration among industry, academia and government, and proceed with the research projects that are needed in community and society.

Industry-Academia-Government collaboration system at KIT



Agreement with Japan Finance Corporation - Asahikawa branch
Cooperating and promoting industry-academia-government collaboration for the development of regional industry

Promoting organizations and supporting personnel systems in Okhotsk Regional Development Bureau municipalities for industry-academia-government collaboration.

Comprehensive Educational Partnership Agreement with Japan Red Cross Hokkaido College of Nursing and Asahikawa Medical University, for the enrichment of education and research.

Comprehensive cooperation with Hokkaido Okhotsk Association of small business entrepreneurs, for the improvement of functions of industry-academia-government collaboration in the local area.

Meetings concerning intellectual property at institutions in Hokkaido (Obihiro University of Agriculture and Veterinary Medicine, Asahikawa Medical University, Future University-Hakodate) for the promotion of utilizing intellectual property.

Partnership agreement with financial institutions (Hokuyo Bank, Kitami Union Bank, Abashiri Union Bank, Engaru Union Bank), to support efforts putting developed technologies to practical use.

Comprehensive cooperation with Northern Advancement Center for Science & Technology, to help promote research and industrialization by industry-academia collaboration.

Cooperating with Muroran Institute of Technology as a head office of intellectual property, to strengthen intellectual property activities.

Agreement with Hokkaido University for promoting industry-academia-government collaboration activities.

Cooperating with the Organization for Collaborative Activity between Industry, Banking, Academia, and Government (CollaboSGK), which has 80 institutions in Japan.

Partnership agreement with Tokyo University of Agriculture for enhancing education and research.

Partnership agreement with Obihiro University of Agriculture and Veterinary Medicine, for promoting industry-academia-government collaborative activities.

The Hokkaido small and medium-sized universities network: Asahikawa National College of Technology, Obihiro University of Agriculture and Veterinary Medicine, Future University-Hakodate, Sapporo Medical University, Asahikawa City University, Muroran Institute of Technology, Wakkanai Hokusei Gakuen University, Asahikawa Medical University, for strengthening the management system of intellectual property.

The Ministry of Education has a strategic project called the "Super Collaborative Graduate School" to support collaborative activities with 14 universities in Japan.

Regional development committee

We have various activities for managing regional committee promoting collaboration in the local community.

Advertising technologies

We display and advertise our KIT technologies at exhibitions for supporting technology transfer.

Lectures · Panel discussions

We introduce our projects and technologies at industry-academia-government collaboration events all over Japan. We also give lectures in order to promote industry-academia-government collaboration.

Collaboration between Kitami city and Kitami Institute of Technology

Council of Kitami Promoting Industry-Academia-Government Collaboration

Kitami city, economic organizations and universities established this promoting organization together in order to create local enterprise or extend the market in the Kitami area.

Council of Kitami Institute of Technology for Promoting Cooperation with the Society

Kitami city established the supporting organization for the cooperation with the society in order to promote collaborative research with private-sector institutions, research interaction or train-educate-develop technologies in the Okhotsk area.

We have one of the best low temperature rooms in Japan.

There is a large-sized low temperature room to simulate neighboring cold regions, polar zones and arctic weather environment.



Low temperature room 3
It is 60 square meters in area and can simulate a minus 30°C environment.

Developing an excavator for deep ice sheet in the Antarctic Pole (low temperature room 3)

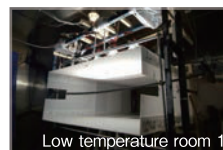
We have developed excavator drilling technology for drilling the core of the ice sheet in order to investigate the climate change. It was used at Dome Fuji, a large-sized multifunctional institutional station in Antarctica. A 2.5m depth pit, Loading devices and cranes are on site as well.

Research on the construction of bridges designed for use in cold areas (low temperature room 3)

Research on rubber materials sustaining bridges in cold area.

Research on anti-icing coating for transmission lines (low temperature room 1・2)

Researches are carried out on anti-icing coating and ice-removal technologies for transmission lines and detecting methods for insulation breakdown.



Low temperature room 1

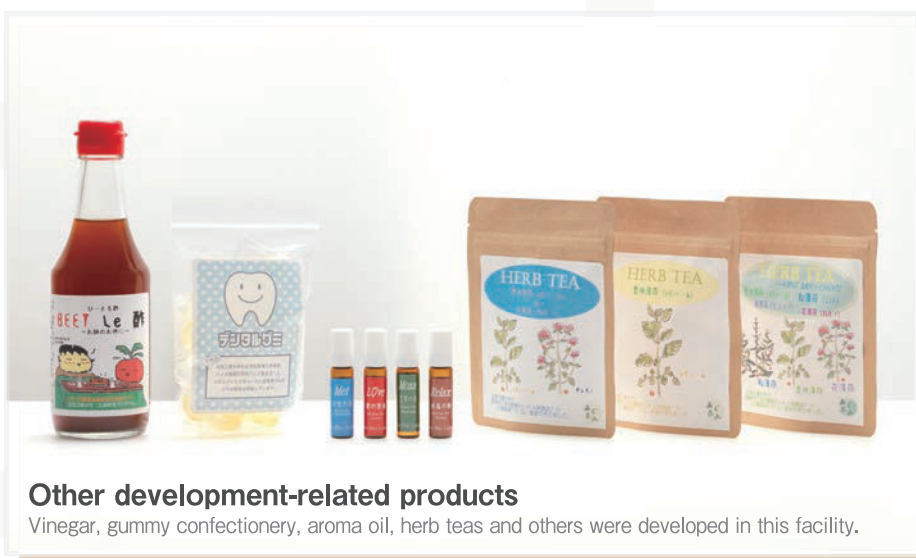


Low temperature room 2

Both rooms can simulate a minus 50°C environment.

Raw Material Processing, Products and Packaging

We have various processors and packaging devices to put high added value on primary products.



Other development-related products

Vinegar, gummy confectionery, aroma oil, herb teas and others were developed in this facility.

Freeze Drying Machine

This machine can vaporize and dry frozen foods quickly.



Automatic Labeling Machine

This machine labels columned bottles or containers efficiently.



Spray Dryer Machine

This machine is used for making fine powder by spraying and drying liquid foods instantaneously.



Primary processing autoclaving machine, rotary cutter, etc. **High-order processing** centrifugal separator, soup finisher, pulverizer, stirring granulator, etc.

Packaging Vacuum-packaging machine, automatic weight measuring apparatus, etc.

Collaboration Research System



Research Expenses

Collaboration Research Expenses

This expense should include travelling expenses, equipment, supplies, labor costs at KIT. We discuss our plan with research partners to decide the total expense.

Expenses for Specially-Sent Researchers or Engineers

It costs 420,000yen per person for one year to have special researchers or engineers from private institutions. We discuss plans with research partners to make decisions.

- We sometimes bear part of the research expenses.
- A research contract could be for more than one year, in which case expense payments are required every year.
- Management expenses comprise approximately 30% of the research expense. In addition to research expenses, management expenses are required. We discuss management expense plans with research partners to make decisions.