

INFORMATION

Our activities

Financial Assistance

We provide assistance for research development that covers all fields and stages from foundation to commercialization.

Regional Development Support

We aim to revitalize regions through measures such as supporting manufacturing that utilizes local resources and forming industrial clusters.

New Goods and Products Development Other Commercialization Support

We provide support in every aspect for the application and commercialization of research results and business ideas.

Lectures and Seminars

We hold lectures and seminars that deal with the social challenges of the region and respond to the needs of companies.

List of Subsidies and Grants

- Advanced research and development of young researchers
- Joint research and development of the university and companies
- New technology and product development by small & medium-sized enterprises
- New product development of each region in Hokkaido

Support Details

- Comprehensive support for the planning, manufacturing, and sales of products made in Hokkaido (HFOFO Project)
- Support the formation of food industry clusters

Support Details

- Creation and support of industry-academia collaboration projects
- Dispatching of experts for the development and commercialization of technology
- Market research aimed at commercialization

Actual Lecture and Seminar Examples

- Introduction of cutting-edge technology to save labor
- New entry of IT companies, etc. in the healthcare field
- The Healthy Do Innovation Academy

Formation of Industrial Promotion Infrastructure Network Building

We promote collaboration between industry-academia and companies, and form a co-creation platform to promote regional problem solving and the creation of startups.

Initiative Examples

- Hokkaido University Research & Business Park Promotion Council
- Challenge Field Hokkaido
- Hokkaido Startup Future Creation Development by Mutual Support Network
- Hokkaido Medical and Welfare Device Related Industry Network
- Hokkaido Digital Transformation Promotion Collaborative

Developing Sustainable Industries Creating Future Industries

We strive to create new industries in Hokkaido and develop those that contribute to the SDGs, with the aim to create a society where people can feel a sense of prosperity.

Areas of Focus

- Improve the earning power of Hokkaido's industries
- Improve productivity and support digital transformation in local industries
- Create and support startups
- Support the creation of industries aimed at a decarbonized society

Research Details

[Horonobe Research Institute for the Subsurface Environment] We promote the basic research regarding the Horonobe region's geosphere environment and its engineering application through three research themes (sedimentary rocks, groundwater, and microorganisms)

Move-in Requirements

- Implementation of research that contributes to Hokkaido's society and economy together with a testing and research institute such as a university

Rental Laboratory

- 100 m²: 3 rooms, 50 m²: 5 rooms, 25 m²: 1 room
- 2,589 yen/m² (utility costs not included)

Collabo Hokkaido

Pursue the prompt application and commercialization of research results through the promotion of industry-academia joint research.

Research Details

[Horonobe Research Institute for the Subsurface Environment] We promote the basic research regarding the Horonobe region's geosphere environment and its engineering application through three research themes (sedimentary rocks, groundwater, and microorganisms)

Move-in Requirements

- Implementation of research that contributes to Hokkaido's society and economy together with a testing and research institute such as a university

Rental Laboratory

- Product and technology development support
- Commercialization support
- Market development support
- Other kinds of support

Subterranean microorganisms that produce methane

*2023. Acquired from ZEB Ready

Organization & Contact Information

General Information

Directors and Others Councilors: 8, Directors: 14 (Full-time: 4), Auditors: 2

Basic Funds 4,122 billion yen (as of April 2023)

Staff 47 (as of April 2024)

Annual Budget 1,046 billion yen (2024 fiscal year budget)

Office

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    Office[Office] --> GAD[General Affairs and Planning Division]
    Office --> BSD[Business Strategy Division]
    Office --> RDSD[Research and Development Support Division]
    Office --> BSSD[Business Solutions Support Division]
    Office --> IACSD[Industry-Academia Collaboration Support Division]
    Office --> RCCSD[Regional Cluster Creation Support Division]
    GAD --> Horonobe[Horonobe Research Institute for the Subsurface Environment]
  
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General Affairs and Planning Division

TEL/011-708-6525
FAX/011-708-6529
E-mail/soumukikaku@noastec.jp

- Matters related to the foundation organization
- Matters related to Collabo Hokkaido
- General questions and consultation

Business Strategy Division

TEL/011-792-6150
FAX/011-747-1911
E-mail/toukatsu@noastec.jp

[Challenge Field Hokkaido]
TEL/011-792-6151 FAX/011-747-1911 E-mail/yugo@noastec.jp

- Matters related to business strategy planning
- Matters related to the Future Creation Project
- Matters related to creating mechanisms for industry-academia integration
- Matters related to the creation and development of startups

Research and Development Support Division

TEL/011-708-6392
FAX/011-747-1911
E-mail/kenkyu@noastec.jp

- Matters related to research and development support
- Matters related to supporting life science and healthcare industries

Business Solutions Support Division

TEL/011-792-6119
FAX/011-747-1911
E-mail/hcluster@noastec.jp

- Matters related to promoting application, commercialization, and market development
- Matters related to improving the technological capabilities and productivity of the manufacturing industry
- Matters related to promoting digital transformation in the industrial sector

Industry-Academia Collaboration Support Division

TEL/011-708-6536
FAX/011-708-6529
E-mail/sangaku@noastec.jp

- Matters related to industry-academia-government collaboration and exchange
- Matters related to the promotion of Hokkaido University Research & Business Park initiatives
- Matters related to the operation of the GAP Fund for creating startups

Horonobe Research Institute for the Subsurface Environment

5-3 Sakaemachi, Horonobe-cho, Teshio-gun, Hokkaido, 098-3221
TEL/01632-9-4112
FAX/01632-9-4113
E-mail/h-rise@h-rise.jp

- Matters related to basic research on deep geological formations (sedimentary rocks, groundwater, and microorganisms)

Regional Cluster Creation Support Division

TEL/011-708-6526
FAX/011-708-6529
E-mail/chiki@noastec.jp

- Matters related to creating regional clusters
- Matters related to adding high value to food and market development

Supporting Member System Information

The Supporting Member System was established in order to maintain a close relationship with companies, organizations, and individuals that agree with the goals of the project and contribute to the smooth operation of projects and promotion of Hokkaido's industries. We recommend its utilization upon agreeing and joining. Membership fees are eligible for tax breaks.

Annual Membership Fee
30,000 yen per share (for 1 or more shares)
(10,000 yen per share for individual membership)

Membership Benefits

- Hokkaido Research Organization
- Hokkaido University Business/Spring (Small & medium enterprises incubation facility)
- Institute for the Promotion of Business-Regional Collaboration
- Global Research Center for Food & Medical Innovation
- Creative Research Institution Building
- Hokkaido University Institute for Chemical Reaction Design and Discovery (ICReDD)
- Hokkaido Institute of Public Health
- Industrial Research Institute

Hokkaido University Northern Campus Area

NOASTEC

NOASTEC Foundation
Northern Advancement Center for Science & Technology
Collabo Hokkaido, Kita 21 jo Nishi 12 chome, Kita-Ku, Sapporo-shi, 001-0021

QR Code

Message from the Chairman

NOASTEC Foundation has worked on building the foundation of industry creation through industry-academia-government collaboration, supporting the application and commercialization of research results, and creation of new projects and new industries through individual projects since its establishment in 2001, in line with its guiding principles for activities to "provide comprehensive support from research development to commercialization" for "industry cluster creation" that will support the growth of Hokkaido's economy.



We are deeply grateful because our foundation was able to continue its activities for 20 years entirely through the support of local companies and supporting members, as well as the cooperation of concerned industry-academia-government-financial organizations.

Hokkaido's economy continues to face a particularly difficult situation with no clear future due to the long-term effects of the COVID-19 pandemic and rising prices, in addition to a host of challenges that it's already facing, such as a declining population, declining birthrate, and aging population.

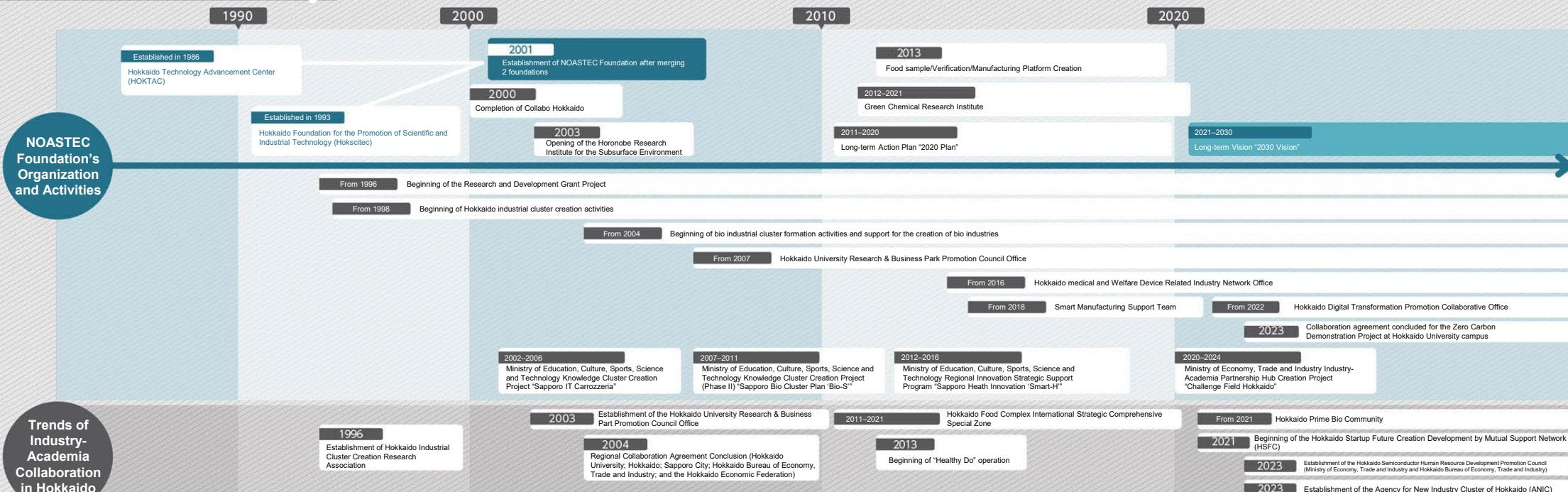
On the other hand, we must view major developments that will lead to Hokkaido's bright future, such as Zero Carbon Hokkaido, promoting digital transformation and green transformation, strengthening food security, and the establishment of a next-generation semiconductor base in Chitose, as once-in-a-lifetime opportunities and work with an All Hokkaido effort that brings together industry, academia, and government.

Our foundation is working to achieve the "2030 Vision," a long-term vision formulated in 2020 for how Hokkaido should be. In this vision, we determined that the foundation's duty is to "manage both problem resolution and economic growth to build a Hokkaido where prosperity can be found while continuing to create new values" as well as work on the creation and cultivation of industries that promote the improvement of human resource development and Hokkaido's profitability while contributing to achievement of SDGs (sustainable development goals).

Our foundation will make full use of the achievements, know-how, and network that we have cultivated so far while flexibly incorporating new technologies and ideas to carry on with activities based on the "2030 Vision." We would appreciate your continued support for our activities.

April 1, 2024 NOASTEC Foundation Chairman

藤井 裕
Yutaka Fujii

NOASTEC Foundation's History**2030 Vision ~Toward how Hokkaido should be in 2030~****Mission**

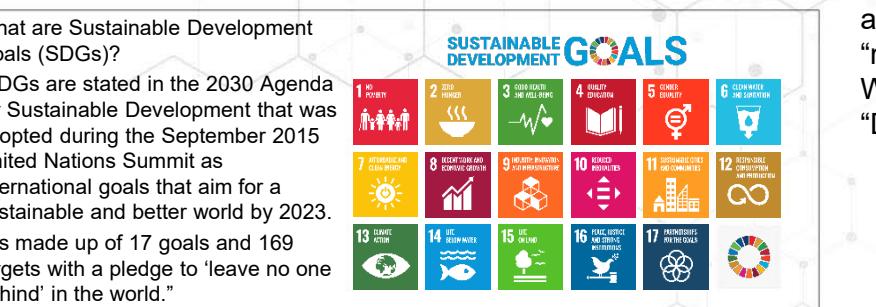
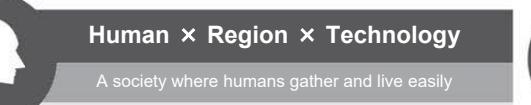
Continue creating new value in Hokkaido

Vision

Manage both problem resolution and economic growth to build a Hokkaido where prosperity can be found

3 Perspectives to Fulfill the Vision (focus themes committed to the SDGs)

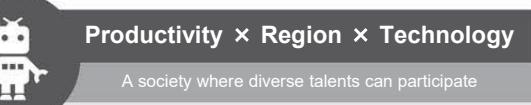
We will promote activities that create new value to realize the vision through combining and creatively amplifying the 3 perspectives of "humans," "productivity," and "sustainability" with "regions (regional charm and challenges)" and "technology (digital technology)." This effort will contribute to the fulfillment of the "SDGs (sustainable development goals)."

**Creation of new values through the creative amplification of 3 factors****Human x Region x Technology**

A society where humans gather and live easily

Utilize the results of the health science industry cluster to improve individual quality of life

- Support development of innovative medical technology
- Promotion of the digitalization of health and medical industries
- Fulfillment of self-health care and health longevity

**Productivity x Region x Technology**

A society where diverse talents can participate

Improvement of productivity that utilizes innovative digital technology and networks that go beyond fields and industries

- Digital innovation of each industry (support for deployment of AI, IoT, and robots)
- Improvement of Hokkaido's profitability

**Sustainability x Region x Technology**

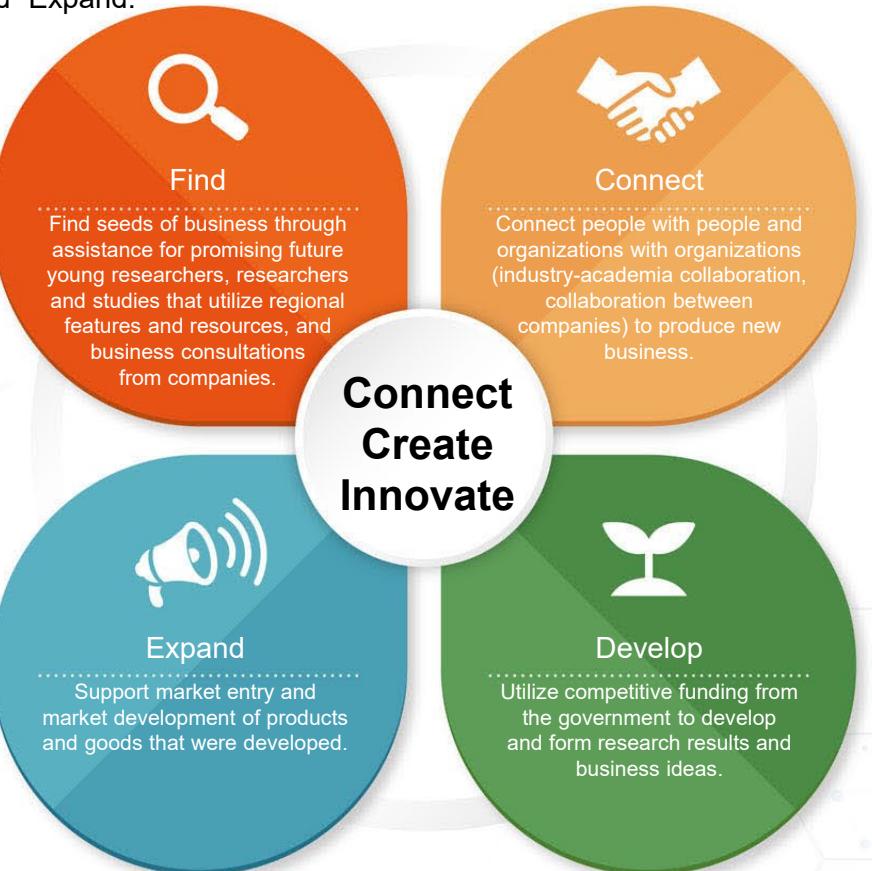
An independent society that utilizes the locality's charm

Sustainable society foundation formation

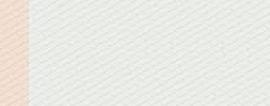
- Support for the application of innovative manufacturing technology that has a low environmental burden
- Fulfillment of a locally produced and consumed energy system
- Utilization of biomass and countermeasures for climate change/disasters

**4 Actions to Achieve the Vision**

We will make the most of the know-how, networks, and collaboration platforms that we have accumulated to promote creation activities for new forms of industry clusters that will lead to "resolution of societal problems" and "business creation (value creation)." We will carry out activities to realize the vision through the 4 actions of "Find," "Connect," "Develop," and "Expand."

**4 Actions and Support for Commercialization**

We continually provide support from research and development up to commercialization.

Basic Research**Expand****Develop****Find****Connect****Applied Research****Basic Research****Applied Research****Implementation****Commercialization**