



Research First

Open Doors

Practice-oriented
Research & Education

Tohoku University Vision 2030: Collaborate. Innovate. Activate.

Tohoku University's Mission: **Tohoku University fosters brilliant students and researchers and contributes to the scientific community through excellence in research and the general public through progressive innovations**

Main Aspects of Tohoku University Vision 2030:

- **Education:** Fostering creative talent and future leaders with a global perspective in times of rapid change
- **Research:** Creating innovations and pioneering in new academic fields based on academic excellence as befitting a top-thirty leading university
- **Community Co-Creation:** As a member of the community, it is the duty of a university to establish partnerships with diverse sectors, create new societal values and lead innovations toward the future.
- **Governance Reforms:** Governance Reforms for a virtuous cycle founded on excellence in education and research



Times of Global Change

- Globalization and Localization
- The 4th Industrial Revolution, Digital Innovation, etc.
- Knowledge-based Society

Issues and Objectives

- SDGs
- Sendai Framework for Disaster Risk Reduction
- Paris Agreement
- Aging and Population Decline

Tohoku University's Identity:

To be a Global University promoting Creativity and Innovation

- Creation of global cutting-edge knowledge
- Acceptance of a wide range of talents involved in the community
- Leading the development of Tohoku and Japan



Process 1: Advancement of International Collaborations

We will accumulate knowledge with a variety of external partners and advance effective international collaboration autonomously

Process 2: Comprehensive Internationalization

Through cross-border "Open Doors", we will develop a hub for diverse talents, resources, and networks from around the world



Target 1: Education with a Global Perspective

We will attract talented students and faculty members from home and abroad, and foster future leaders with a global perspective for the era of global change

Target 2: Cutting-Edge Research

We will create innovations and become pioneers in new academic fields through cutting-edge research and knowledge creation

Target 3: Cross-border University-Industry Collaboration

We will develop international university-industry collaborations through global innovation campuses and international networks

Target 4: Solving Worldwide Social Challenges

Through Community Collaboration, we will play a leading role in solving various global social challenges



Process 1. Advancement of International Collaborations

- We will develop international exchanges in a more open manner through the clear guidelines for international academic exchange agreements
- We will strategically strengthen partnership with overseas universities with whom Tohoku University can build mutually beneficial relationships
- We will stimulate international exchange through effective monitoring and assessment based on an integrated database on international exchange
- We will effectively use overseas bases and participate in inter-university consortia
- We will stimulate international exchanges tailored to each region and country using networks inside and outside the university
- We will enhance Tohoku University's overseas network beyond regions and generations by using organizations such as the overseas alumni associations
- We will improve of our international presence through the development of our international public relations



Process 2. Comprehensive Internationalization

- Based on the principle of “Open Doors”, we will create a university community that does not discriminate with regard to nationality, religion, race, gender, age, values, disability, sexual identity, sexual orientation, and so on, and we will establish an environment where members can demonstrate their diverse talents
- Moving away from internationalization through a separated specialized division, we will foster an organizational culture of comprehensive internationalization through a university-wide campaign and through networking to promote international perspectives on all activities
- We will realize a comprehensive Japanese-English bilingual system so that non-Japanese speakers can actively participate and contribute to all of the university’s activities
- We will aim to realize an internationally competitive remuneration system and attractive working environment
- Through the restructuring of international relations departments and committees, we will strengthen planning functions and accelerate decision-making



Target 1. Education with a Global Perspective

- We will strategically enroll excellent international students based on the expansion of international degree courses delivered through the medium of English
- We will reform undergraduate education programs to refocus on our main goal of fostering talented individuals who will lead the global society
- We will enhance the International Joint Graduate Programs which provide international collaborative education connected to world-leading research and professional education
- We will widen our international co-education to all undergraduate students and graduate students, and foster concrete understanding and action on global citizenship and diversity
- We will strengthen support for students' studying abroad and international careers through the improvement of foreign language skills
- We will accelerate campus internationalization throughout the university through the active use of University Houses (international mixed-residence dormitories), which boast the largest capacity among dormitories at national universities



Target 2. Cutting-Edge Research

- We will further develop the Core Research Cluster to include the fields of Materials Science and Spintronics, in which Tohoku University leads the world, and in fields in which we are expected to lead: Disaster Science and Next Generation Medicine
- In fields where Tohoku University has world-class potential and research resources, we will deepen collaborations with overseas partners and form an International Research Cluster which will lead the world
- We will develop research on a global scale through Joint Laboratories and cross appointments in cooperation with leading overseas universities and research institutes
- We will establish an open research environment by promoting diversity, and by supporting autonomous and vigorous research exchange and international joint research among diverse members
- We will improve our international presence by promoting strategic international joint research based on data and analyses of global research trends



Target 3. Cross-border University-Industry Collaboration

- We will accelerate large-scale university-industry collaborations with global enterprises based on the “Vision Co-Creation Partnership”
- We will expand the B-U-B (Business-University-Business) model, open innovations at Tohoku University, on a global scale.
- Through the active usage of the Aobayama Campus, as a global innovation campus, and the Next Generation Synchrotron Radiation Facility, we will further pursue innovations in science and technology
- We will foster and support globally competitive entrepreneurs through strategic partnerships with leading overseas universities
- We will facilitate international university-industry collaboration based on the appropriate protection of intellectual property and international contracts, and a system for security export control



Target 4. Solving Worldwide Social Challenges

- We will contribute to the improvement of the world's capacity to prevent disasters through cooperation with the UN via the Sendai Framework for Disaster Risk Reduction, and we will collect and archive information on disasters at the Global Center for Disaster Statistics
- We will contribute to solving worldwide social challenges through active participation and leadership in SDGs for the achieving of a sustainable world via multidisciplinary international joint research on global environmental change
- We will promote international joint research for social challenges which Japan and Tohoku face in advance of the rest of the world, such as the declining birth rate and super aged population, while collaborating with local communities using our core research bases such as that for Next Generation Medicine

