

6. 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 age of global change

Actions:

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

Actions:

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

Actions:

- 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

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

Actions:

- 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