

Cooperation with Industry

Joint Research Projects with Industry

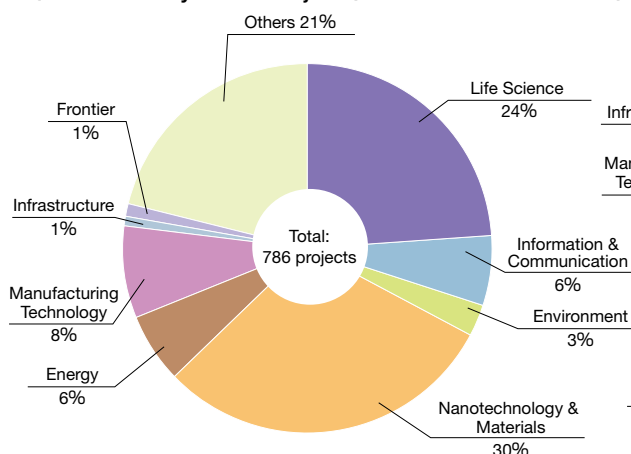
Fiscal Year	No. of Projects	Amount of Money (Unit: million yen)
2003	284	1,129
2004	392	1,675
2005	479	1,827
2006	519	2,028
2007	698	2,086
2008	786	2,459

Commissioned Research

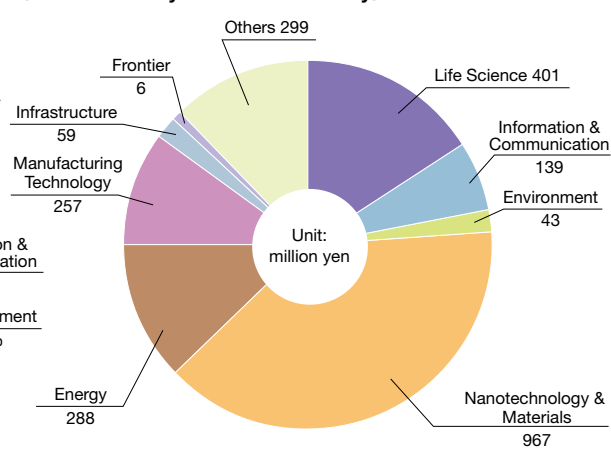
Fiscal Year	No. of Projects	Amount of Money (Unit: million yen)
2003	373	3,450
2004	456	6,149
2005	483	7,358
2006	591	7,927
2007	554	9,101
2008	596	9,131

Joint Research Projects with Industry (FY 2008)

<Breakdown by No. of Projects>



<Breakdown by Amount of Money>



Organizational Cooperation

Tohoku University's Organizational cooperation works together whenever possible with private companies and institutes in all areas of mutual cooperation. It promotes practical and systematic cooperation such as in the field of research and development, in human resource management, and taking on the responsibilities towards society.

Agreement Concluded	Private Company/ Institute	Objective
January 19, 2006	Hitachi, Ltd	Collaborative research and mutual exchange in the field of electricity, information, materials and mechanics
January 31, 2006	National Institute of Advanced Industrial Science and Technology (AIST)	Collaborative research in the field of environment, materials, information and telecommunication, and electronics, etc
February 21, 2006	National Institute of Radiological Sciences	Training professionals in advanced specialties of molecule imaging research PET (positron emission tomography)
July 27, 2006	Seiko Epson Corporation	Promotion of collaborative research, mutual exchange of researchers, education, and development of human resources, and international student assistance for the advancement of international exchange
December 26, 2006	Kahoku Shimpo Publishing Co.	Both parties, the educational and research functions of Tohoku University and the news coverage and information service functions of Kahoku Shimpo join effectively and efficiently in the areas of research and investigation, event co-sponsorship and collaboration, human resource development, etc.
January 31, 2007	77 Bank, Ltd	Support and perform informative exchange of Tohoku University Based Start-up, matching coordinates between Tohoku University's seeds and regional companies, technical advice, and human exchange
March 6, 2007	DOWA Holdings Co., Ltd.	Promotes of joint research, mutual exchange of researchers, foster young researchers, and establishes mutual use of research institutes and facilities
August 3, 2007	Japan Aerospace Exploration Agency (JAXA)	Develop collaborative research and to promote education of scientists through interdisciplinary studies of cosmic and aeronautic science to include various fields such as bioscience
July 25, 2008	Central Institute for Experimental Animals	Collaborative research in the field of life science, biological science, material science, psychology and social science, and the cultivation and interreaction of human resources
July, 28, 2008	NTT	Expansion of the cooperation of information and communication field as well as expansion and activation of education and research activities and promotion of interdisciplinary research
February, 19, 2009	High Energy Accelerator Research Organization (KEK)	Promotion of cooperative research in the field of elementary particle/nuclear physics, physics/life science and accelerator science and strengthening cooperative research systems
March 9, 2009	National Institute of Natural Science, National Institute for Fusion Science	Promotion of research of fusion reactors and promoting cultivation and interreaction of human resources

Cooperation with Industry

Tohoku University, Industry-University-Government Cooperation Policy

Tohoku University has been committed to the "Research First", the "Open-Door" and the "Practice-Oriented-Research and Education" policies since its date of foundation, and has been internationally recognised for its outstanding standards in the field of education and research. The university contributes to the peace and prosperity of human society by devoting itself to research useful in the solutions of societal problems and for the education of human resources in the capacities of leadership.

The university aims to become a "World-class university" which contributes to human society by applying the knowledge it has been accumulated over the past century, and by devoting itself to continuous research and education for the next century.

Under the plan of "Being an open university to the world and region," the university contributes to the development of human society through its collective strength, and its human and intellectual resources, and by collaborating with our region and international society. The Industry-University-Government cooperation is our core to social contribution; it is the third mission of the university followed by education and research, and is one important means of delivering the benefits of knowledge to society. The university is actively committed to Industry-University-Government cooperation on the basis of the "Industry-University-Government Cooperation Policy" and is as follows:

1. Increases the added social value of University research and education by actively transferring their scientific and technological achievements to industry and to other sectors, steadfast upon the University's founding principles of the "Practical-Oriented Research and Education".
2. Promotes technology transfer and collaborative research, as well as research generating world-leading technological innovation, as an international Industry-University-Government cooperative activity.
3. Aims to be a driving force for regional innovation by promoting continuous Industry-University-Government cooperation to solve regional problems, and contributing to development of Japanese economy and society
4. Conducts an Industry-University-Government cooperative activity with international perspectives by establishing an organization within the University for promoting Industry-University-Government cooperation and by collaborating with related international and domestic organizations on the basis for orchestrating our university's resources
5. As fundamentals for the promotion of Industry-University-Government cooperation, achieves social accountability through ensuring transparency and compliance with international and domestic statutes, and international treaties and arrangements

Cooperation with Community

The Science Café

The Science Café provides an opportunity for everyone, the high school students and others, to chat over a cup of coffee with the scientists; listen to them carry on about their studies, enjoy the fun in science and understand how it contributes to society.

Tohoku University Innovation Fair 2008 in Sendai

Date	Program Content	Venue
September 30, 2008	Introduction and presentations were made of innovative and extraordinary research by the young researchers in the fields of robotics, biomedical cooperation/ life science, nanotechnology/materials, information communication and environment/energy etc.	Sendai International Center



The Science Café

Extension Courses

Tohoku University is constantly making efforts to play the leading roles in educational and academic activities in the Tohoku District. Meeting the community's needs, it provides extension courses and public lectures for lifelong learning of citizens. In FY 2008, the University organized 77 extension courses including on-demand high school classes and 2 public lectures which gained a high reputation from various academic fields. Tohoku University has continued these educational activities made understandable for the public to strengthen cooperation with community and for the purpose of disseminating information. As a result of these highly motivated activities, Tohoku University secures its position as a highly appraised university in society.