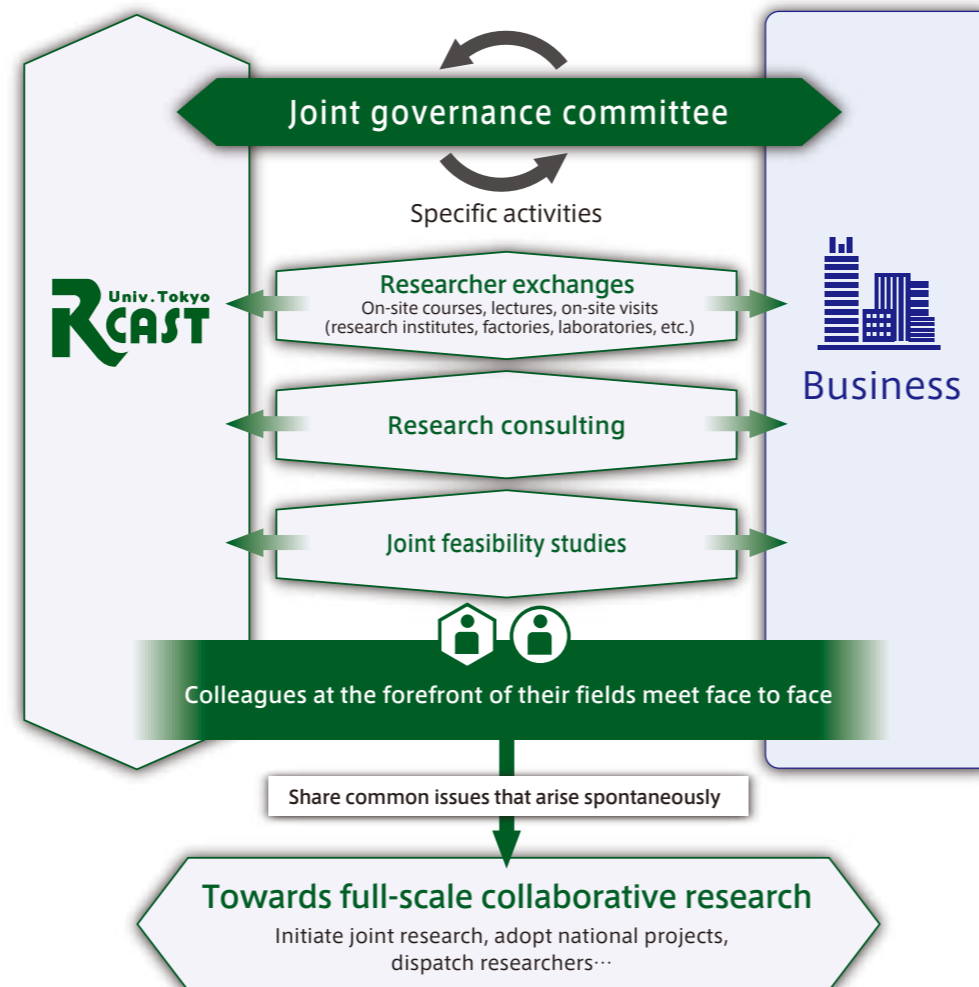


New university-industry collaboration approach Trial Collaboration / Tri-sector Collaboration

Activities through trial collaboration (fiscal 2005-2008)

Fiscal year	2005	2006	2007	2008	Total
Consulting		8	41	41	90
On-site consulting			3		3
On-site courses	1	8	13	4	26
On-site lectures	3	3	11	5	22
Corporate researchers accepted at RCAST		2	2	6	10
FS studies		3	11	8	22
Joint research			2	5	7
Adoption of national projects		1	2	2	5
Yearly totals	4	25	85	71	185

※Figures updated as of December, 2008



Mobilization of intelligence and technology Collaborations with three companies

RCAST reviewed the past disproportionate emphasis on academia-industry collaboration through intellectual property and since fiscal 2005 has been moving forward with "trial collaboration" (organized collaboration), a new type of academia-industry collaboration oriented towards cooperation with businesses from the initial stages of research and development. This partnership not only responds quickly to the diverse needs of business through the adoption of an extremely flexible system but also contributes to the vitalization of university research activities in order to allow for the discovery of new challenges and set forth new topics of study for researchers.

RCAST has previously signed collaborative agreements with three companies, Nippon Oil Co., Ltd. (October, 2005), Fuji Electric Systems Co., Ltd. (now Fuji Electric Holdings Co., Ltd.) (June, 2006) and Denso Corporation (December, 2006), to engage in various forms of mutual human exchange, such as consulting, lectures and on-site courses for each company, as well as accepting corporate researchers at RCAST. These activities not only lead to the initiation of cooperative research and composition of large-scale national projects but also have a significant effect on each company's business strategy in terms of their R&D investments in new fields and so forth.

Company ⇄ AIST / RCAST

Promoting collaborations amongst three sectors

In addition to collaborating with businesses, in fiscal 2008 RCAST signed an agreement for comprehensive collaboration (tri-sector collaboration) with the National Industrial Research Institute (NIRI). As a platform for cooperation between RCAST and NIRI, the agreement promotes collaboration between three different sectors through the participation of business. With a central focus on NIRI and RCAST, this project attempts to provide a stage for collaboration between laboratories throughout the University of Tokyo in a host of fields to respond to the diverse needs of business and other entities.



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Track record of trial collaborations

University of Tokyo Fuji Electric Laboratory

HAGIWARA, Kenichi
Lab Producer

This research laboratory was established in April, 2009 based on an agreement for organizational collaboration made between RCAST and Fuji Electric Holdings Co., Ltd. This laboratory is the expansion of "University of Tokyo FES Laboratory" established in 2006, and its organizational collaboration area covers all over Fuji Electric group.

Taking advantage of RCAST's diverse fields of research and personnel exchanges, which serve as a broad pipeline to the academic community, the resident lab producer is working towards building face-to-face relationships with a wide array of researchers. Furthermore, he is also making efforts towards matching the technical challenges taken up by Fuji Electric group with the technological seeds of RCAST.

The laboratory plans to broaden the vision of the Fuji Electric group research and development teams and build a network of researchers through hosting and participating in systematic lectures and workshops taken from various technical themes in the fields of energy, environment and social infrastructure. In addition, the University of Tokyo Fuji Electric Laboratory is actively seeking out themes for collaborative development that make practical use of RCAST's innovative technological seeds.



Lecture



Joint feasibility studies

For further details of University-Industry Collaboration at RCAST, please refer its website

■ For Industrial Partners www.rcast.u-tokyo.ac.jp/en/partners/