

Collaboration with Industry, Academic and Governmental Partners

Basic Policy

Based on Mitsubishi Chemical Holdings Corporation's medium-term management plan, we are working to effectively use internal and external technological resources to expand and deepen our existing technologies, accelerate the development of current and new technologies, and thus contribute to the creation of highly profitable new businesses. To achieve this, we are implementing measures in the following three areas.

1. Open Innovation through Collaboration with Industry, Academic and Government Partners

By strategically collaborating with external research institutions, we are strengthening and expanding our organizational research capabilities, thereby increasing our odds of success in R&D and shortening R&D lead times. We are also striving toward disruptive innovation, which is difficult to achieve through internal R&D alone. Furthermore, by using external R&D resources with untapped potential, we are working to identify and create research themes that will lead to new businesses.

2. Integration with Our Technology Platform

By integrating the proprietary technologies (our technology platform) that we have developed through our wide-ranging and diverse businesses and research with technologies and expertise secured through external collaboration, we are creating differentiated products and services.

3. Globalizing Research and Development

By closely collaborating with institutions in and outside Japan that boast cutting-edge technologies and innovative potential, we are maintaining and enhancing the international competitiveness of our R&D and thus continuously developing world-leading products. To this end, we are promoting and expanding joint research and personnel exchange, principally in Japan, the United States, Asia and Europe, working to build a global R&D network. At the same time, we are recruiting and developing globally oriented leaders with the ability to take a broad, global perspective, provide KAITEKI Value and effectively communicate information in an ever-changing, diverse society.

Collaboration in Fiscal 2017

1. United States

- Comprehensive partnership with the University of California, Santa Barbara (UCSB), to develop advanced functional materials
- Partnership with Georgia Institute of Technology to develop photoelectric materials

2. China

- Comprehensive partnership with Dalian University of Technology for organic synthesis and process development

3. Europe

- Partnership with the Swiss Federal Institute of Technology in Lausanne for polymer development

4. Japan

- Summer internship program for students of the University of Tokyo Graduate School of Engineering Department of Chemical System Engineering ("Todai Practice School")
- Partnership with the National Research and Development Institute for Materials Science (NIMS) for functional inorganic materials development and materials informatics
- Evaluation of organic devices as a member of Chemical materials Evaluation and REsearch BAse (CEREBA)