

Kyoto University On-site Laboratory: Kyoto University-Tsinghua University Cooperative Research and Education Center for Environmental Technology



General Information

- ◆ Approved in FY 2018
- ◆ Established in December 2018
- ◆ Established by the Graduate School of Engineering and Graduate School of Global Environmental Studies (GSGES)
- ◆ Partner institution: Tsinghua Shenzhen International Graduate School, Shenzhen, China
- ◆ Type: Outbound
- ◆ Location: Tsinghua Shenzhen International Graduate School, Shenzhen, China
- ◆ Purposes: Promotion of joint research and education
- ◆ Functions: Research and education in environmental engineering fields, and international double degree program

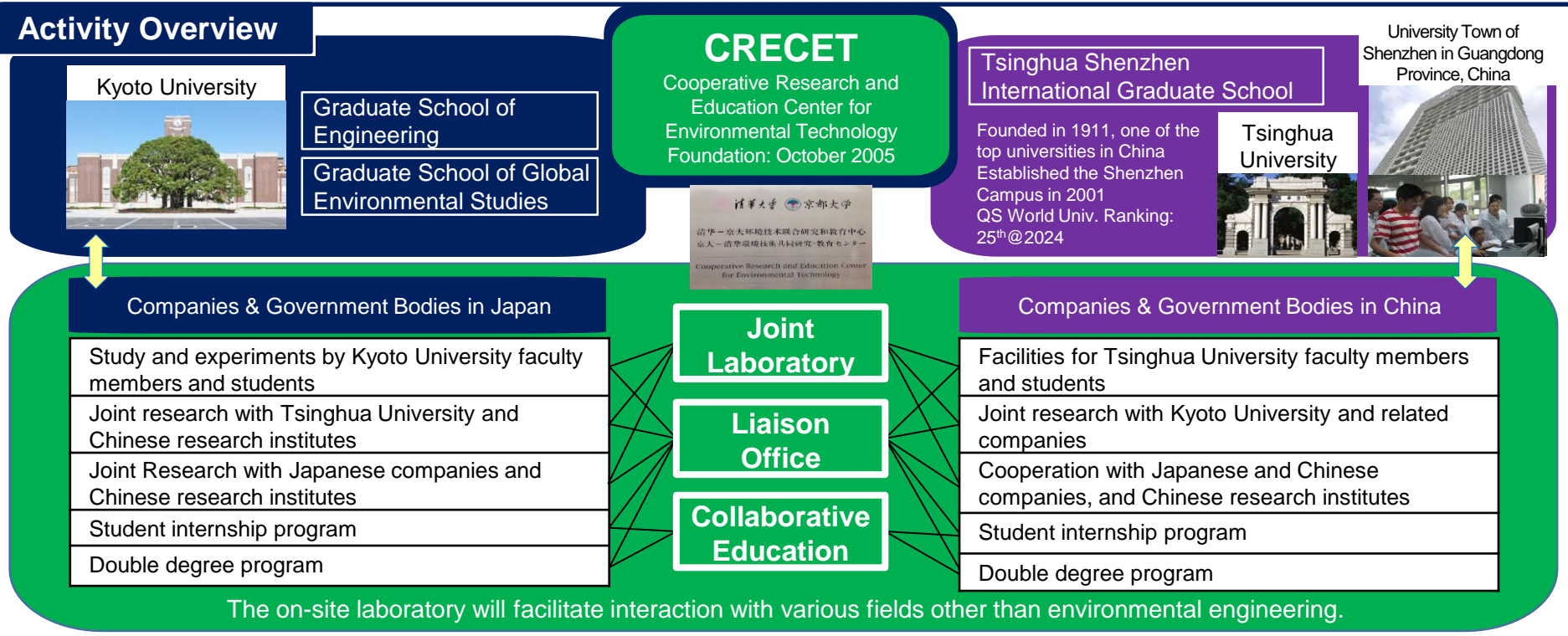
Positive ripple effects to the university's activities

- Recruitment of talented international students in environment-related fields.
- Expansion of internship education to fields other than environmental engineering.
- Expansion of international double degree programs to other fields, and implementation of diverse degree programs.
- Development of international industry-government-academia collaboration in other fields and in collaboration with other universities, local governments, and companies in Japan and China, building on the research collaboration in environmental engineering between Kyoto University and Tsinghua University.

【FY 2024】

- A Japanese student was dispatched as part of the Master's DD program continuously. Conducting international training programs to attract talented students from Tsinghua University and to cultivate the international mindset of Kyoto University students.
- Symposiums and seminars were held to develop ongoing international joint research.

Activity Overview



Main Activities in FY 2024

① Kyoto University-Tsinghua University Symposium 2024 on Research and Education of Environmental Engineering

- The Kyoto University-Tsinghua University Symposium 2024 on Research and Education of Environmental Engineering (hereinafter “the symposium”) was held in person in December 2024.
- Prior to the symposium, the MOU for the establishment of the center was renewed (the renewal period was extended from 3 years to 5 years). The symposium featured lively discussions among 88 participants including students, faculty, and staff members of the two universities, and delegates from private companies in Japan and China.
- The symposium included a report on the situation regarding education and international exchange, research presentations by researchers from the two universities, overviews of the latest technologies by environment-related companies in Japan and China, and reports by students from the two universities about their outputs on JST Sakura Science Exchange Program.
- As a result on collaborative research, 3 papers have been published in international journals. The Agro’2025 Pre-Workshop was held in Kyoto University in Sept., 2024.

② Implementation of the Master's DD program and Global Environmental Human Resource Development Programs

- Two Japanese students joined the Master's DD program and a Tsinghua University student started the DD program in the Graduate School of Engineering.
- The JST Sakura Science Exchange Program “Learn cutting-edge environmental technology aimed at creating a sustainable society in Kyoto” was implemented from Nov. 3 –Nov.9, 2024. Seven students from Tsinghua University (China), 2 students from the University of Malaya (Malaysia), and 6 students from Kyoto University participated in the program.
- The short internship program was implemented in Shenzhen from Mar. 9–15, 2025. Ten students from Kyoto University interacted with TSIGS students in the program including group works, lecture, cultural exchange event facility tour and workshop.
- Online seminars for supporting companies were held in July 2024 and January 2025.



Symposium group photo at Tsinghua Shenzhen International Graduate School (TSIGS)



Cultural Exchange in JST Sakura Science Exchange Program