

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



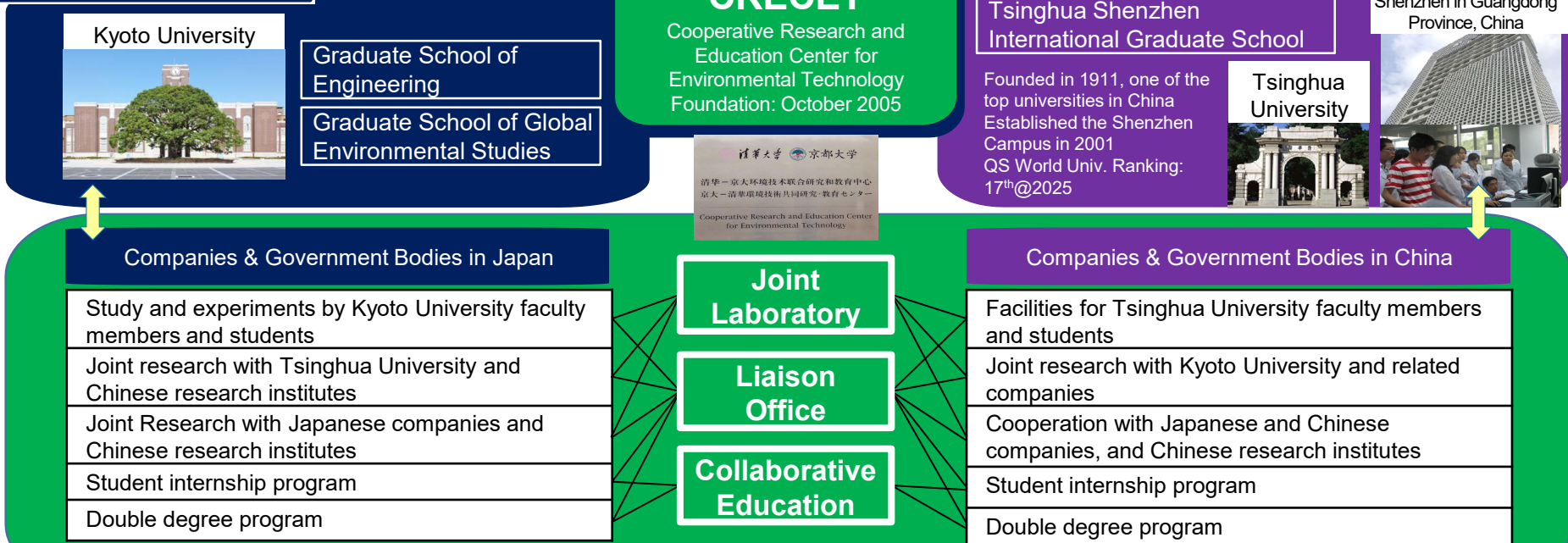
## General Information

- ◆ 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 2025】**
- We held symposiums commemorating the 20th anniversary of the Center's establishment at Kyoto University and Tsinghua University, and restructured our network.
  - Japanese students were dispatched to Tsinghua University and we hosted students from Tsinghua University as part of the Master's DD program. International training programs were conducted to attract talented students and to cultivate the international mindset of Kyoto University students.

## Activity Overview



The on-site laboratory will facilitate interaction with various fields other than environmental engineering.

## Main Activities in FY 2025

### ① The 20th Anniversary Ceremony and Symposium on the Establishment of the Center

- In July 2025, the Center's 20th Anniversary Ceremony and Symposium were held at Kyoto University. A total of 170 participants gathered for the event, which began with a 20th-anniversary ceremony, followed by a presentation on the Center's 20-year history, an introduction to the master's double-degree (DD) program, and academic lectures by researchers from both universities. Prior to the symposium, student exchange activities were organized, including group work at the Katsura Campus and a visit to the Osaka-Kansai Expo.
- In November 2025, the 20th Anniversary Ceremony and Symposium were held at Tsinghua University's Shenzhen Campus. A total of 144 participants gathered, and the network of Kyoto University alumni residing in China was reconstructed.
- Regarding international joint research and the presentation of results, two papers were published in international journals, and international joint research continues.

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

- In March 2026, one Kyoto University student from the first cohort of the Master's DD Program completed the program. One student from the second cohort returned to China in August 2025. A thesis defense was held for one Tsinghua University student. Two Tsinghua University DD students were admitted.
- From October 26 to November 2, 2025, the Global Environmental Human Resources Development Program, "The Spirit of Shimatsu: Learning the Circular Economy in Kyoto," was held as an initiative to enhance students' international perspectives and foster young researchers. 12 students from Tsinghua University (China), 2 from the University of Malaya (Malaysia), and 36 from Kyoto University participated in the exchange.
- From March 15 to 21, 2026, as part of a short-term international training program, 9 Kyoto University students were dispatched to visit state-of-the-art environmental facilities and engage in group work with students from Tsinghua University, thereby fostering their international perspective.
- Online seminars for supporting companies were held in August 2025 and February 2026.



Group photo from the 20th Anniversary Ceremony and Symposium (Top: Kyoto Univ.; Bottom: Tsinghua Univ.)



Group photo from Global Environmental Human Resource Development Program