

8th Stockholm Trio – UTokyo Workshop

Thematic Parallel Session

Urban Circularity in Action: Strategies for Decarbonising Cities

Purpose

This session advances the dialogue between the University of Tokyo (UTokyo) and the Stockholm Trio (KTH, Stockholm University, Karolinska Institutet). We focus on urban circularity and decarbonisation—linking material–energy integration, district-heating optimisation, heat-pump deployment, and waste-to-energy systems. Cities are key arenas for climate action; Sweden’s large-scale heat-pump adoption and Japan’s technological innovation provide rich ground for exchange.

Objectives

- Exchange cutting-edge research on urban circularity and decarbonisation.
- Build networks among senior and early-career researchers to spark new collaborations.
- Foster understanding of the EU Horizon system and develop a mock-up proposal for future collaboration.

Registration

Please email [masahiro\(at\)ifi.u-tokyo.ac.jp](mailto:masahiro@ifi.u-tokyo.ac.jp) to register. (replace (at) with @).

Agenda

Date: 29–30 September 2025

Format: Hybrid (In-person and Zoom)

Venue: University of Tokyo, Hongo Campus, 2nd Administrative Building, Room 419 (same building as Hongo Health Service Centre; <https://maps.app.goo.gl/tqaPhhta8rCc2WfH7>)

Zoom link will be sent to registered participants.

The in-person meeting venue opens at 13:00 on the 29th.

Monday, 29 September 2025

Research Exchanges (research presentations plus ideas for Horizon & collaboration)

13:20–13:30 Masa Sugiyama & Maryna Henrysson: Opening remarks

13:30–13:45 Per Lundqvist

13:45–14:00 Tao Cao

14:00–14:15 Joint Q&A (15 minutes)

14:15–14:30 Francisco Beltran Vasquez Varela

14:30–14:50 Joint Q&A (20 minutes)

14:50–15:30 Coffee break

15:30–15:45 Shoma Fujii

15:45–16:00 Naho Yamashita

16:00–16:15 Joint Q&A (15 minutes)

16:15–17:30 Discussion

17:30–18:00 Break

18:00–20:00 Banquet (invitation only)

Tuesday, 30 September 2025

Brainstorming & Discussion for Possible Horizon Collaborations and Beyond

09:30–10:00 Anna Raask and Ken Fukushi (presentations on Horizon)

Ken Fukushi: Introduction to the project 'Enhancing Urban Resilience to Disasters and Conflicts through Nature-Based Infrastructure' under the 'Driving Urban Transitions Partnership (DUT)' programme

10:00–11:45 Discussion (with possible breakout groups)

11:45–12:15 Break

12:15–13:15 Horizon Europe Luncheon – informal joint session with boxed lunches; attendance optional

13:15–13:45 Break

13:45–16:20 Continuation of discussion (with possible breakout groups)

16:20–16:30 Maryna Henrysson and Masa Sugiyama: Closing remarks

~17:00 Group dinner