

Academic Development through bilateral peer-learning activities on mission-oriented innovation for Climate Neutral and Smart Cities

Programme PLA2 Workshop in Stavanger, January 24-25, 2023

Tuesday January 24 ([Room KE D-201](#)):

Time	Activity
09:30 – 10:00	Coffee and welcome
10:00 – 12:00	Challenge-based learning – Presentation by students in Ingenious and ECIU courses Mission-Oriented Research – Example from UiS
12:00 – 13:00	Lunch
13:00 – 14:00	Innovative teaching methods and approaches in higher education related to sustainable and smart cities. Presentations by academic staff of CTU Prague - Inputs for sourcebook 1
14:00 – 14:30	Coffee break
14:30 – 15:30	How to improve research activities towards the mission goals of the European Union related to climate change and smart cities Presentations by academic staff of CTU Prague and sourcebook 2
15:30 – 16:00	Wrapping up and preparing for tomorrow's work
16:00 -	Voluntary after work drink and dinner

Wednesday January 25 ([Room AR V-102](#)):

Time	Activity
09:30 – 11:30	Joint work in the preparation of sourcebook 1 and 2.
11:30 – 12:15	Quick lunch
12:15 – 14:00	Class observation Challenge-Based Learning in the course “business development and innovation”
14:00 – 16:00	Visit to Nordic Edge and Stavanger Municipality to discuss Challenge-based learning and EU missions

Specific topics of presentations:

- How project learning leads to students research activities – presented by Vaclav Jirovsky, FTS CTU.
- Innovative teaching/research related to sustainable and smart traffic flow – presented by Vladimir Faltus, FTS CTU.
- Challenge-based learning (cbl) in the course smart city design - presented by Jana Kuklova, FTS CTU.
- Exploring the potential of reward-based systems for pro-environmental behaviour in the context of climate-neutral smart cities – presented by Cristian Tosa, FST, UiS.

- Enhancing synergies between higher education and research for climate change and smart cities – a practical experience – presented by Ticiano Costa Jordao, FTS CTU
- Strategies of implementation challenge-based learning – presented by Masoumeh Shahverdi, Division for Education, UIS.
- Smart cities and communities – climate change and environmental social and governance – presented by Miroslav Svitek, FTS CTU.
- Teaching smart mobility through challenge-based learning – presented by Tetiana Reznichenko, FTS CTU.