



INVITATION

03 JUNE 2022 – University of Luxembourg – Belval Campus – MSA, room 4.520

Eco-Construction for Sustainable Development The closing workshop of ECON4SD

Dear Madam/Sir,

The University of Luxembourg has the pleasure to invite you to the closing workshop of the European project **ECON4SD: “Eco-Construction for Sustainable Development”**. Initiated in 2017, ECON4SD aims to strengthen R&D capacities in sustainable construction by developing components and design models for resource and energy efficient buildings. The closing workshop will be a great opportunity to show final results of the project ECON4SD and to discuss the subject with invited expert speakers.

PROGRAMME

- 14:00** Registration of participants
- 14:15** Welcome by the University of Luxembourg
Prof. Danièle Waldmann, University of Luxembourg
- 14:30** Innovation in construction and twin transition
Dr. Laurence Tock, Ministry of Economy, Luxembourg
- 15:00** Models for reuse and recycling of architecture
Ms. Marielle Ferreira Silva, University of Luxembourg
Prof. Florian Hertweck

- 15:15 Development of the new structural composite flooring systems based on the construction materials concrete and steel**
Mr. Jovan Fodor, University of Luxembourg
Prof. Markus Schäfer, University of Luxembourg
- 15:30 Reusable composite flooring system timber-concrete**
Mr. Hooman Eslami, University of Luxembourg
Prof. Danièle Waldmann, University of Luxembourg
- 15:45 Coffee break**
- 16:00 Predictive modelling and integrated simulation of 3D concrete degradation**
Dr. Michal Habera, University of Luxembourg
Prof. Andreas Zilian
- 16:15 Energy efficiency and life cycle optimization of building elements in reusable modular building architecture**
Mr. Michael Rakotonjanahary, University of Luxembourg
Prof. Frank Scholzen, University of Luxembourg
- 16:30 Digital technologies and information models for the end-of-lifecycle of built assets**
Ms. Arghavan Akbarieh, University of Luxembourg
Prof. Felix Norman Teferle, University of Luxembourg
- 16:45 A new strategy towards a sustainable construction industry – Concept of a material and component bank**
Dr. Bhagya Jayasinghe, University of Luxembourg
Prof. Danièle Waldmann, University of Luxembourg
- 17:00 FEDER program for investments in employment and growth 2021-2027**
Mr. Pierre Colbach, Ministry of Economy, Luxembourg
- 17:30 Conclusion of the project and closure of the workshop**
Prof. Danièle Waldmann, University of Luxembourg

PRACTICAL INFORMATION

Date: 03 June 2022

Time: 14:00-18:00

Place: University of Luxembourg, Belval Campus, Maison du Savoir, 4.520 room
2, avenue de l'Université, L-4365 Esch-sur-Alzette

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