

Building bilateral research network towards resilient, smart and sustainable cities and regions

Applicant: Faculty of Transportation Sciences, Czech Technical University, Prague

Partner organization: Faculty of Science and Technology, University of Stavanger

Grant Amount EUR (CZK): 11.703,98 EUR (304.303,39 CZK)

The bilateral initiative focused on building research network the field of resilient, smart and sustainable cities and regions. As the part of the initiative two workshops were held. 1st workshop took place at Faculty of Science and Technology, University of Stavanger. Main objectives of the workshop were: the exchange and broadening of the knowledge about planning in the context of smart, sustainable and resilient cities. Opportunities for cooperation within the framework of European grants were aswell presented. The researchers from the University of Stavanger addressed circular economy in the Norwegian building sector, wireless communication using 5G for the future smart cities, and the use of high-endurance drones for risk management and emergency response.

2nd workshop was held in Prague at Faculty of Transportation Sciences, Czech Technical University in Prague, the researchers shared their expertise related to wireless infrastructure and technologies, co-creation approach among citizens for the protection of urban environment, the applications of 5G wireless and its relation to the environment, smart and carbon-neutral urban mobility and green infrastructure or sustainable cities. The consultants, mayors, enterpreneurs and even Ambassador of Norway in the Czech Republic provided additional valuable contribution to the workshop.

„On behalf of the Faculty of Transportation Sciences of CTU Prague I would like to express my gratefulness for your valuable support to our project undertaken by Norway Grants through Trolltunga call. Thanks to this project we were able to build mutual trust and acknowledgment with our Norwegian partner university (University of Stavanger) and extend that cooperation to other projects that are being funded by other European grants .“ (Ing. Ticiano Costa Jordao, Ph.D., project manager, researcher , Czech Technical University)

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