

Workshop No.4 - Energy Efficiency and Environmental Sustainability of Housing

Working Group Coordinators

Dr. Ebru Ergöz Karahan, Dr. Henk Visscher, Prof. Catalina Turcu

Wednesday, 28 August 2019

13.30 – 15.30 Workshop Session I

Classroom B1 Level -1 Main Building

Research on Energy-saving Reconstruction Mode of Existing Brick-concrete Structure Residential Buildings Based on the Suitability Target

Mrs. Yi Chang

Ensuring Healthy Environments in Thermally Efficient Social Housing– A Case Study

Ms. Rosalie Menon

Is the energy performance aimed today in buildings compatible with summer comfort? What type of construction is most suitable?

Dr. Isabelle Vervisch-Fortuné

Do homeowners' perception of energy efficiency affect their willingness to pay in residential retrofit?

Mr. Ce Huang

16.00 – 17.30 Workshop Session II

Classroom B1 Level -1 Main Building

Integrating Climate Resilience and Environmental Justice in Housing Policy – Lessons learnt from a municipal and a regional case study in Germany

Dr. Anja Szypulski

The housing complex as a field for sustainable architectural design

Mr. Michael Lauring

Energy poverty among elderly women in the Hungarian countryside

Ms. Anna Zsofia Bajomi

18.00 – 19.30 Workshop Session III

Classroom B1 Level -1 Main Building

Resident-led Microgrids Energy transition made accessible?

Dr. Lidewij Tummers

Low carbon housing retrofit in Australia: A just transition?

Prof. Ralph Horne

Design Elements in Apartments Adapting to Climate: A Comparison Between Korea and Singapore

Dr. Jeong Eun Oh

Thursday, 29 August 2019

11.00 – 12.30 Workshop Session IV

Classroom B1 Level -1 Main Building

The Thermal And Visual Comfort Of The Energy Efficient Building: 10 Case Studies Of Certified Collective Social Housing In Lyon City, France

Ms. Noura Arab

Individual Metering and Charging - A theoretical study about hot water consumption, overcrowding and fuel poverty

Dr. Simon Siggelsten

Coordinating climate and social housing policies to alleviate energy poverty: An analysis of targets and instruments in Austria

Mrs. Kristina Eisfeld

13.30 – 15.30 Workshop Session V

Classroom B1 Level -1 Main Building

Utilising monitored data to tackle the energy performance gap in domestic dwellings

Dr. Felicity Taylor

Energy Efficiency effects on Household Energy Consumption and Energy Poverty Rates in Europe

Mr. Edo Omic

A Policy Framework for Quality Control in Energy Saving Renovations in Northern China

Ms. Yuting Qi

Analysis on the operation problem of green residential area and research on design optimization

Ms. Lu Yuan

Friday, 30 August 2019

14.00 – 16.00 Workshop Session VI

Classroom B1 Level -1 Main Building

Occupant Energy Saving Behaviour as a Collective: A Case Study in a Turkish University Accommodation

Dr. Ebru Ergöz Karahan

Improving homeowners' participation in energy efficiency renovation in China's northern heating region

Ms. Jiefang Ma