

## Program

### ENHR 2018 Workshop 4: Energy Efficiency and Environmental Sustainability of Housing

Ekonomikum, Room A122

Wednesday, 27 June 11.15 – 12.45	Workshop Session 1
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No papers are scheduled for this workshop session.

Wednesday, 27 June 13.45 – 15.15	Workshop Session 2
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**Introduction to the workshop** – Ebru Ergöz Karahan (Ozyegin University, Turkey), Henk Visscher (Delft University of Technology, the Netherlands) and Catalina Turcu (University College London, UK)

**The financing of renovation in the social housing sector: A comparative study in six European countries** – Martin De Bettignies (Union Pour L'habitat, France)

**Cities as energy producers: The European framework toward a decentralised production of energy** – Valerio Lubello (Universita' Bocconi, Italy)

**Negative factors impact the investment of residents for energy-saving retrofit in China** – Ce Huang (Tianjin University, China)

**Life span assessment of dwellings** – André Thomsen (Delft University of Technology, the Netherlands)

Thursday, 28 June 11.00 – 12.30	Workshop Session 3
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**Becoming a prosumer: Increasing participation in energy transitions through co-operative social housing in Australia** – Ellis Judson (Swinburne University of Technology, Australia)

**Low-impact luxury: How Swiss cooperative housing effectively reduces footprint** – Lidewij Tummers (Delft University of Technology, the Netherlands)

Friday, 29 June 11.00 – 12.30	Workshop Session 4
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**How do customer journeys regarding energy investments look like?** – Nico Nieboer (Delft University of Technology, the Netherlands)

Friday, 29 June

13.30 – 15.00

Workshop Session 5

**Cognitive biases in homeowner’s decision-making process in energy renovation of residential buildings** – Jiefang Ma (Delft University of Technology, the Netherlands)

**An investigation on domestic energy use, lifestyles and occupancy behaviour for vernacular and contemporary rural houses** – Ebru Ergoz Karahan (Ozyegin University, Turkey)

**Indoor thermal comfort assessment of residential building stock in Quetta, Pakistan** – Waqas Ahmed Mahar (University of Liège, Belgium)

Friday, 29 June

15.30 – 17.00

Workshop Session 6

**Held jointly with Workshop 12, “Housing Law”, and Workshop 26, “Towards Sustainable Communities and Housing” – Room A114**

**Chair:** Maria Olinda Garcia (Coimbra University, Portugal) and Susan Bright (Oxford University, UK)

**Energy-efficient renovation in apartment blocks: The key role of “energy leaders”** – Sylvaine Le Garrec (Paris Est University, France)

**The politics of domestic thermal insulation after Grenfell** – Helen Carr (University of Kent, UK)

**A case study of deep retrofit in mixed tenure (rented and owned) English social apartment blocks** – Susan Bright (University of Oxford, UK)