In the winter of 2015-2016, the strategic platform Brussels Retrofit XL organises its “Retrofitting Thursdays”, a series of events related to retrofitting activities in the Brussels Region. The sessions are organised according to different themes and aim to guide building professionals through innovative renovation practices relevant in an urban context.

SESSION TOPIC

Whereas sustainable energy is often associated with large off-shore wind farms or hydro-electric power stations, cities have the potential to generate, capture and store a part of their energy needs on-site. Both wind and solar energy can be exploited at rooftops, the ground beneath the city can be used for geothermal installations and energy can be stored in buildings to bridge peak moments.

This knowledge session discusses the potential of different technologies for energy generation in an urban environment, through cutting-edge research results and practical case studies. There will be ample opportunity for discussion and networking.

PROGRAM
Thursday 4 February 2016

14:00 Welcome and introduction
Sebastian Serrano and Jérémy Levin (Innoviris)

14:10 Mapping the city’s energy potential
Aránzazu Galán González (ULB)

14:30 Urban wind turbines
Mark Runacres (VUB)

14:50 Micro Energy Storage with Renewables
Guilherme Oliveira e Silva and Patrick Hendrick (ULB)

15:10 Shallow geothermal potential in Brussels
Gust Van Lysebetten (BBRI-CSTC-WTCB)

15:30 Coffee break

15:50 Case study 1: Sustainable energy in large office buildings
Katrien Depoorter (ENGIE)

16:10 Case study 2: Brussels Greenbizz: how to use solar energy to reach the NZEB level
Anne-Laure Maerckx (Cenergie)

16:30 Panel discussion

17:00 Networking drink

INTENDED AUDIENCE
Building industry (design, calculation, execution) and government

VENUE
Brussels Meeting Center CSTC-WTCB
Poincarélaan 79, 1060 Brussels

REGISTRATION
Participation to the event is free, but registration is required. Please register online before 28 January 2016 at www.BrusselsRetrofitXL.be (Events).

For more information, please visit the website or contact the platform coordinator at Lisa.Wastiels@bbri.be

This event is organised in the context of the Brussels Retrofit XL “Retrofitting Thursdays” with additional