





**26.11.2015**  
**BRUSSELS RETROFIT XL**  
**RETROFITTING THURSDAYS**



# KNOWLEDGE SESSION SUSTAINABLE ENERGY IN THE CITY

In the autumn of 2015, 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 26 November 2015**

- 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, poster and demo session

## INTENDED AUDIENCE

Building industry (design, calculation, execution) and government.

## VENUE

**Brussels Meeting Center CSTC-WTCB**  
Poincarélaan 79, 1060 Brussel

## REGISTRATION

Participation to the event is free, but registration is required. Please register online before 20 November 2015 at [www.BrusselsRetrofitXL.be](http://www.BrusselsRetrofitXL.be) (Events).

For more information, please visit the website or contact the platform coordinator at [Lisa.Wastiels@bbri.be](mailto:Lisa.Wastiels@bbri.be)

