



**03.12.2015**  
BRUSSELS RETROFIT XL  
RETROFITTING THURSDAYS



# KNOWLEDGE SESSION INDUSTRIALISATION AND PREFABRICATION OF BUILDING SYSTEMS

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

In an era where speed, accuracy, health, flexibility, ease of use and automatization are getting more important every day, new building methods focusing on industrialisation and prefabrication gain interest. Systems that are predominantly manufactured and assembled in a factory can speed up the renovation process and reduce nuisances, lightweight systems can improve the workability during the renovation phase and components conceived to be assembled and disassembled on site can increase the flexibility during the re-design and use of existing buildings.

This knowledge session discusses the potential of industrialisation and prefabrication techniques in renovation, through cutting-edge research results and practical case studies. There will be ample opportunity for discussion and networking.

## PROGRAM

Thursday 3 December 2015

- 14:00 Welcome and Introduction  
Sebastian Serrano and Jérémy Levin (Innoviris)
- 14:10 **Dynamic walls: towards reusable partition systems**  
Anne Paduart and Stijn Elsen (VUB)
- 14:30 **Lightweight, modular and prefab formwork for renovating floors**  
Svetlana Verbruggen and Sven De Sutter (VUB)
- 14:50 **Prefabrication: Challenges and opportunities**  
Benoit Parmentier (CSTC-WTCB)
- 15:10 **Industrialising façade retrofitting systems**  
Samuel Dubois and Michael de Bouw (WTCB-CSTC)
- 15:30 Coffee break
- 15:50 **Case study 1 : Lusambo 76: Sustainable renovation up to passive standard**  
Tecnibo (to be confirmed)
- 16:10 **Case study 2: Use of prefabricated facades in a social housing project**  
Le Foyer Bruxellois – De Brusselse Haard (T.B.C.)
- 16:30 **Panel discussion**
- 17:00 Networking drink, poster and demo session

## INTENDED AUDIENCE

Building industry (design, calculation, execution), government and public building owners.

## 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 27 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)

