



## 2nd International Conference



on Energy Efficiency and  
Comfort of Historic Buildings

Brussels  
19-21 Oct.2016

[www.eechb.eu](http://www.eechb.eu)



After a first edition organised by Fundación de Casas Históricas y Singulares and Ars Civilis in Madrid in 2014, the Belgian Building Research Institute, in collaboration with public institutes from Brussels, Flanders and Wallonia, will organise the second edition of the International Conference on Energy Efficiency and Comfort in Historic Buildings. This edition will take place in Brussels from the 19th until the 21st of October 2016. International experts and stakeholders will be invited to share the latest developments and experiences for improving the energy efficiency and comfort of historic buildings while preserving their historic character, inherent values and integrity.

During this second edition, the conference will concentrate on the following themes:

### 1. REGULATIONS AND HISTORIC BUILDINGS ...Legal boundaries

Are current regulations concerning energy efficiency, fire safety, accessibility, heritage protection, etc. adapted to historic buildings? How do they conflict?

How can interventions be tailored to meet legal requirements while preserving the building's value?

### 2. PRELIMINARY ASSESSMENT ...Identifying the boundaries

How are the opportunities and limits for interventions identified?

Which assessment methods can be used?

Which aspects should be taken into account before designing interventions for energy efficiency and comfort improvement in historic buildings?

### 3. SUSTAINABLE INTERVENTIONS ...Between tradition and innovation

How do technical interventions influence the global hygrothermal and material balance?

How can we simulate the real-life impact of different interventions?

How to promote the implementation of sustainable (life cycle circular economy) solutions?

How can traditional behaviours, materials and designs contribute to energy efficiency and comfort, and where do we need innovative techniques?

### 4. GOVERNANCE, MANAGEMENT AND PARTICIPATION ...From design to day-to-day use

How can interventions be designed to facilitate energy efficiency and reaching comfortable conditions in day-to-day use?

How can actual user behaviour be taken into account from the planning stage onwards?

How can governments and building managers develop policies to stimulate and support respectful energy efficiency and comfort improvements in historic buildings?

## 5. MONITORING AND EVALUATION ...Providing feedback

How can post-occupancy monitoring provide useful information on the impact of different interventions?

How can post-occupancy monitoring+simulation provide useful information on the actual thermal behaviour of a building?

Why are building performances not according to plan? Are some discrepancies particularly frequent?

## 6. PROMOTION, (E-)TRAINING, AND EDUCATION ...Transfer good practices

Which groups of stakeholders should be educated in order to optimise the process of energy-efficiency and comfort improvement in historic buildings, and how?

What are the existing methods and experiences?

The Organising Committee will launch the call for abstracts in June 2015 with a closing date on the 14<sup>th</sup> of September 2015. The notification of acceptance will be sent by the 2<sup>nd</sup> of November 2015. Full papers will be expected in February 2016.

