Fire Safety for Green Façades

Workshop 9th November 2017, Task Group Meetings 10th Nov, Barcelona, Spain.

FACADES WORKSHOP

Fire Safe Use of Bio-Based Building Products for Façades - Challenges and Limitations, Detailing and Testing

The COST Action FP1404 “Fire Safe Use of Bio-Based Building Products” www.costFP1404.com will hold a workshop to discuss requirements, challenges and recent developments of Façades made from and with combustible products. The event is intended for fire safety engineers, structural engineers, material scientists, fire service, authorities and industry representatives.

### Workshop 9th November:

The workshop will focus on the recent developments and approaches of façade design to ensure the fire safe use of bio-based building products. The workshop will provide a platform to discuss the following topics:

- Testing in the past and in the future
- Certification: good to know
- Experience in different countries
- Durability of Fire Retardant treatments
- Building Regulations
- Firefighting experiences and methods for combustible façades
- Best practice

### Presentations at the Workshop

Presentation cover the new European testing and classification method for facades and how the use of bio-based building products is covered today in building regulations. Some of these rules origin from large project of Switzerland, Germany, Austria and Austria. Exemplary rules in countries with limited and long experience with bio-based building products will be presented to allow a comparison and a development of a common understanding. Limitations and possibilities of fire stops and fire retardants used on/in facades will be presented to improve the fire safety for modern and tall timber buildings.

Coffee breaks, lunches and dinner will be organized by the host. A book of abstract will be provided for participants.

### Participation fee: 50€ (cash at registration)

### Registration, hotel list and agenda with list of presentations at [www.costFP1404.com](http://www.costFP1404.com).

Reimbursement of travel expenses will be provided for presenters and active members of the COST Action.

### COST Action Task Group meetings 10th November:

To disseminate common understanding, comparison of regulations and provide best practice detailing, the following TGs will meet:

- WG2/TG4 “Claddings” (TG leader Alar Just, TUT Estonia).
- WG1/TG4 “Contribution” and WG2/TG6 "nat. fire" (TG leader Tuula Hakkarainen, VTT Finland).
- Joint TG meetings "Fassades" WG2/TG7 and WG3 TG 1,2 and 3 (Leader: Yves Martin, BBRI).

### ORGANIZERS:

The workshop is jointly organized by ETH Zurich, Research Institute of Sweden, Polytechnic University of Catalonia UPC, Forest Sciences Center of Catalonia CTFC and the Catalan Institute of Wood INCAFUST.

### VENUE:

School of Building Construction of Barcelona
EscolaPolitécnica Superior d'Edificació de Barcelona
EPSEB – UPC.
URL: [http://epseb.upc.edu/en](http://epseb.upc.edu/en)

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