

WOTIM

Wood-based thermal insulation materials

Training module WOTIM 1

“Wood fibres and their suitability for thermal insulation materials”

23 April, 2015
Grenoble, France



Program

- 9:00 Registration and coffee
- 9:30 Welcome and WOTIM project presentation
- 9:45 Basics of thermal insulation
- 10:30 The different types of insulation materials – Introduction
 - 1. Markets
 - 2. Advantages
- 11:15 Coffee break
- 11:45 Wood and wood fibres
 - 1. Fibre sources and fibre components
 - 2. Different pulping methods and fibre properties
 - 3. Nanocelluloses (types, main production methods, properties)
- 12:30 Lunch
- 13:30 Focus on fibre based insulation materials
 - 1. Fluffed
 - 2. Rigid boards
 - 3. Semi rigid boards
 - 4. Production data
- 14:15 Comparison of properties of fibre based insulation materials against the other materials
 - 1. Mechanical resistance
 - 2. Fungi resistance
 - 3. Water impact
 - 4. Fire resistance
 - 5. Main advantages, challenges and development areas
- 15:00 Exhibition, discussions and coffee.
In the exhibition, different kinds of commercial insulation and WOTIM materials are presented as well as different kinds of wood fibres.
- 16:00 End of the training module

Venue

The location of Training module WOTIM1 is at FCBA InTechFibres in Grenoble, France at 341 Rue de la Papeterie, 38400 Saint-Martin-d-Hères.

For further information, see www.wotim.eu

Transportation

By air to Grenoble from Lyon Saint-Exupery

- Grenoble by train: SNCF
- Grenoble by bus shuttle: Departure every hour (1 hour)
- Grenoble by car: 1 hour driving

By air to Grenoble from Geneva

- Grenoble by train: Possible
- Grenoble by bus shuttle: 2 hour 15 minutes
- Grenoble by car: 2 hours driving

Registration

For registration use the on-line form at www.wotim.eu/trainingmodule1

Last day for registration is 10 April, 2015.
For further information, see website or contact Michael Lecourt, FCBA, michael.lecourt@fcba.fr

About WOTIM

WOTIM is a three-year project within the WoodWisdom-Net programme funded by the EU. WOTIM aims to develop superior cellulose based insulation materials. The insulation properties are enhanced by creating air pockets to the cellulose material matrix by foam or foam-like structures. The target is that the performance of the novel cellulosic insulation materials is at comparable level with the materials made of polyurethane foams.

Partners

VTT (RTD-Finland): Coordinator
Innventia (RTD-Sweden)
FCBA (RTD-France)
Holmen (Large-Sweden)
Soprema (Large-France)

Co-funding companies

Stora Enso (Large-Finland)
Ekovilla (SME-Finland)
Neovo Solutions (SME-Finland)
Interenergy (SME-Finland)

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