

# WOTIM

Wood-based thermal insulation materials

## **Training module and final workshop** – Thermal insulation and acoustic materials based on the cellulose

30 November 2016  
Espoo, Finland



## Program

- 9.00 Opening
- 9.15 Insulation material markets and trends
- 9.45 Commercial cellulose based insulation materials and manufacturing processes
- 10.15 Coffee
- 10.45 Comparison of foam formed insulation materials against commercial wood-based insulation materials
- 11.15 Spray-on cellulose based thermal insulation foams
- 11.45 Sustainability, cost efficiency and performance of developed insulation material in building applications
- 12.30 Lunch
- 13.30 Acoustic material markets and commercial cellulose based acoustic materials and manufacturing processes
- 14.00 Comparison of foam formed acoustic materials against commercial acoustic materials
- 14.30 Coffee
- 15.00 Spray-on cellulose based acoustic materials
- 15.30 Design driven development of cellulose based materials
- 16.00 Closing
- 16.15

*Half of the presentations will be presented by innovative SMEs and designers.*

## Venue

The location of Training module is at VTT Technical Research Centre of Finland in Otaniemi, Espoo, in VTT Digitalo building with street address Vuorimiehentie 3, Espoo, Finland.

## Transportation

### **From Helsinki-Vantaa Airport by taxi:**

Take a taxi to Otaniemi, Espoo, Vuorimiehentie 3 (VTT Digitalo). It takes approximately 30-40 minutes. The Finnish taxis use taximeters, no tips needed, debit/credit cards are accepted.

### **From Helsinki downtown by bus:**

Take the bus no 102/102T (platform 41) or 103/103T (platform 42) from Kamppi Bus station to Otaniemi and step off at the bus stop "Alvar Aallon puisto" at the Aalto University Campus. Walk 100 m along Vuorimiehentie to no 3 (VTT Digitalo). The bus trip takes about 20 min. You need a region ticket (seutulippu in Finnish) that costs 5.50€. The ticket can be bought from ticket automates at the Kamppi Bus Station or from the bus driver (cash only, coins/small bills preferred).

## Registration and fee

### **Last day for registration is 18 November, 2016.**

For registration use the on-line form on [www.wotim.eu](http://www.wotim.eu).

Participation in the Training module is free of charge. The lunch, however, is self-financed for people who are not WOTIM partners.



WoodWisdom-Net

## 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)

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

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