



DEMOWOOD CONFERENCE ANNOUNCEMENT

6 May 2014 – IFAT – Munich

Optimisation of material recycling and energy recovery from waste and demolition wood in different value chains.

The final conference of the DEMOWOOD project will take place at IFAT, Munich, on the 6th of May 2014.

It has been estimated that waste wood coming from end of life of products (furniture, construction products and packaging) and industrial waste wood represent a potential resource of 40 million tons per year at European scale. Because a significant part of this resource is not recovered or not used at its best value, a consortium of 15 partners from research and industry sectors in Finland, France and Germany, have joined their efforts, with the help of the WoodWisdomNet funding scheme, to look at the possibilities to recover the maximum value of this resource.

The general aim of the project has been to investigate valorisation concepts for maximising the added value of waste wood in value chains such as pulp production for paper products, particle board production and large scale energy recovery systems: combustion plants and liquid biofuels production. The foreseen benefits are to gain savings on the forest resource, reduce the environmental impact of waste wood management, while contributing to the objectives of increasing the use of a renewable resource and reducing the greenhouse gases emissions in the materials and energy sectors.

Important progresses have been made during the three years of the DEMOWOOD project on the knowledge of the waste wood resource and its present management in the participating countries, on the prospects for applying modern detection and sorting technologies to produce qualified recovered wood, on the possibilities to recycle wood into thermo-mechanical pulp and to use it for ethanol production. The potential for increasing recycling into panel boards or developing further energy production through combustion has also been explored. The technical, economical and environmental aspects of these different pathways have also been assessed.

PTS as local host, FCBA as coordinator of the programme and all the partners of the project¹ are inviting you to attend the DEMOWOOD Final conference, as a unique occasion to get in one day the results of this important 3 years research project.

¹ DEMOWOOD partners :

- Germany : Institutes : PTS, WKI; Industry : Entsorgungstechnik Bavaria, Schumann-Analytics, Pfeleiderer Holzwerkstoffe, TiTech, RTT Steinert
- France : Institutes : FCBA, CTP; Industry : SITA, Veolia, Norske Skog Golbey
- Finland : Institute : VTT; Industry : Lassila & Tikanoja, Finnish Wood Research



Provisional programme of the conference:

9.00 – The DEMOWOOD project - From used wood to secondary wood products, an important resource and a large potential for improvement of its management - Gerard Deroubaix, FCBA

9.30 – Waste wood sorting: the challenge of adapting recovered wood to the user's requirements - Laurence Lafosse, VEOLIA

10.00 - Modern sorting techniques for waste wood - Peter Meinlschmidt, WKI

10.30 – *Coffee break*

11.00 – Are recovered woods a potential resource for the production of Thermo-Mechanical Pulp ? - Michel Petit-Conil, CTP

11.30 - Particleboard production from cleaned waste wood - Peter Meinlschmidt, WKI

12.00 – Lunch break

13.30 – Classification of waste wood for combustion based on ISO 17225 –standard - Eija Alakangas, VTT

13.50 - Waste and demolition wood as raw material for ethanol and other fermentation products - Matti Siika-aho, VTT

14.10 – Sorting platforms and logistics: economical and environmental assessment - Estelle Vial, FCBA

14.30 - Economic analysis of concepts utilizing secondary wood products – Methodology and results; Example case ethanol production: Juha Hakala, VTT

15.00 – Environmental assessment of different recycling pathways – Tifenn Guennec, FCBA

15.30 – Prospects for the development of waste wood recycling and energy recovery: round table with all experts

16.00 - Closure of the conference.