



INFRES – Innovative and effective technology and logistics for forest residual biomass supply in the EU (311881)

Workshop “Adaptation of forestry practices and business innovations for Bioenergy supply”

Introduction

INFRES is the acronym for the project entitled “Innovative and effective technology and logistics for forest residual biomass supply in the EU”. The 3-year research project is funded from the EU’s 7th framework programme (FP7) and coordinated by Finnish Forest Research Institute (Metla). The project consortium involves 23 partners from across Europe, including 9 leading forest energy research organizations and 14 small and medium scale enterprises (SMEs) along the biomass supply chain. Partner SMEs include manufacturers of harvesting technology, chippers, feedstock supply enterprises, forest harvesting and transport enterprises, truck technology and IT service providers.

INFRES aims

INFRES aims to accelerate the technological development opening new paths to Europe’s renewable energy targets by producing research based knowledge, technological solutions and service innovations for forest residue feedstock supply. It aims at high efficiency and precise deliveries of woody feedstock to heat, power and biorefining industries by:

- Producing technological and logistic innovations for developing new harvesting, transport and storage technology for forest fuel procurement.
- Demonstrating new solutions in full supply chains from harvesting to transport and storage in real operational environment.
- Identifying technological, economic, regulatory and other bottlenecks in the innovation structures for the forest energy sector and sketching pathways for improvements
- Assessing the environmental, economic and social sustainability for the developed logistics including scenarios for different fuel sources, methods, technologies and transport distances
- Disseminating the outcomes of research and demonstrations to the practices.

Workshop “Adaptation of forestry practices and business innovations for Bioenergy supply”

In the frame of FEC-FORMEC 2014, INFRES organises a workshop on “**Adaptation of forestry practices and business innovations for Bioenergy supply**”.

The INFRES workshop is targeting academic and all actors in the forestry sector, as well as other stakeholders that are actively involved, or have an interest, in the field of forest biomass and forest fuel supply. It will be held as a special pre-conference event on **Tuesday 23 September from 16:00 to 18:00 hours**, just before the FEC-FORMEC-2014 ice-breaking reception.

Workshop presentations

INFRES consortium partners will give the following oral presentations:

- INFRES – Competitiveness for forest energy through technology, logistics, fuel quality and energy product portfolio. Antti Asikainen & Johanna Routa (METLA, Finland)
- Forest management systems for increased harvest of small trees for energy purposes. Johan Sonesson, Staffan Jacobson, Lars Eliasson, Lars Wilhelmsson, & John Arlinger (Skogforsk, Sweden).
- BioGas Woodchip Drying Innovation for Reduced Bioenergy Production Cost. Juliana Walkiewicz, Eric Jessup & Matthias Dees (Albert-Ludwigs-University Freiburg, Germany)
- Improved BioMass Market Efficiency and Price Discovery from Online Auctions. Taner Turkmengil, Eric Jessup & Matthias Dees (Albert-Ludwigs-University Freiburg, Germany)
- Feasibility of Adapting Existing Forestry Practices for Improved Biomass Production. Matthias Dees & Eric Jessup (Albert-Ludwigs-University Freiburg, Germany)
- TCS – An operational system for control and optimization of forest biomass logistics. Teemu Mustonen & Matti Tuukkanen (ECOMOND, Finland)

Workshop date and venue

Tuesday **23 September 2014**, 16:00 - 18:00 hr (just before the FEC-FORMEC-2014 ice-breaking reception)
Centre des Congrès - Espace L.A.C. , 17 Faubourg de Ramberchamp, Gérardmer, France 37.

Workshop registration

Participation in the INFRES workshop is **free of charge and open to all** (including those not participating in FEC-FORMEC-2014), but your prior registration is highly appreciated. To register, please send an email with the subject title **INFRES workshop registration** and detailing your name, organisation, job title, and email address to: Mr. John Vos, BTG Biomass Technology Group BV, Email: workshop@infres.eu

Workshop organisers

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