

Call for Posters on Biomass Logistics

Held within the **World Sustainable Energy Days 2015 in Wels / Austria**
Thursday, February 26, 2015

Stadthalle Wels, Pollheimerstrasse 1, 4600 Wels, Austria

Chairs: Gabriel Kronberger, Erik Pitzer (University of Applied Sciences Upper Austria, Campus Hagenberg)
Gerald Schönwetter (University of Applied Sciences Upper Austria, Logistikum Steyr)

Scope:

Logistics are becoming an increasingly important factor for exploiting existing biomass potentials in economically viable ways. We need more sustainable concepts for energy provisioning with respect to emission reduction and avoidance of fossil fuels. Biomass transport and handling require tailor-made logistics. Biogenic feedstock (e.g., straw, forestry residues or biodegradable waste from households) and derived energy carriers are very diverse with respect to their transport and handling requirements. In particular, de-central availability, the low energy content, and the ensuing collection and transportation efforts (last-mile problem) need increased attention and innovation. Additionally, the storage of biomass poses new challenges compared to classical logistics for example to avoid biological degradation of the material. Sophisticated and innovative concepts and devices are often required to cope with these special needs. In addition to physical means for improved biomass logistics, novel and more powerful planning tools, such as computer algorithms for modelling, simulation, and optimization of de-central logistics, are also required.

In this poster session we invite you to join the discussion and present innovative ideas, results and prototypes for biomass logistics or novel findings in its planning and optimization.

Topics:

Suggested topics for posters include but are not limited to:

- Technical solutions for
 - biomass collection
 - biomass handling and transport
 - biomass storage
 - biomass-based intermediates
- Modelling, planning and optimization of biomass logistics
- Requirements for biomass logistics
- Risk analysis of biomass logistics
- Economic models for biomass usage
- Best-practice examples
- Biomass value chain analysis



Submission of posters:

Please send your poster proposals in **PDF** format in **English** by **January 15, 2015** to the e-mail address:
logistikum@fh-steyr.at.

The maximum poster size should be 90 x 200 cm, upright format.

Posters will be reviewed and acceptance notifications will be sent by January 23, 2015. Accepted authors are invited to prepare a poster for the conference on February 26, 2015 in Wels (please print your poster and take it with you to the conference). Registration through the web page of the World Sustainable Energy Days 2015 (www.wsed.at) is required.

Important Dates:

- Submission Deadline (Abstract): January 15, 2015
- Acceptance Notification: January 23, 2015
- Paper session: February 26, 2015