



Photo: Freemages.com/Bob Smith

Feedstock for sustainable biofuel production

- Feedstock potentials, climate change impact of forestry, realisation of forest biorefinery and more!

A co-arrangement by f3, SLU and Bio4Energy

February 6th 2017, 10:15 am – 6.30 pm

Venue: P-O Bäckströms sal/Aulan, SLU, Skogsmarksgränd, 907 36 Umeå

Registration: <https://www.eventbrite.com/e/feedstock-for-sustainable-biofuel-production-tickets-30026169080> (open until January 22nd)

Program

10:15 Registration and coffee

10:45 Welcome!

f3, SLU and Bio4Energy: A short introduction and presentation of current activities

Johanna Mossberg, f3; Erik Fahlbeck, SLU; Dan Boström, Bio4Energy

11:15 Feedstock for sustainable biofuel production, continued

Moderator: Johanna Mossberg, director f3

Forest resources from a future perspective – technology potentials, challenges and knowledge gaps

- *Tailor-made feedstock – more and better trees for biofuel production*
Magnus Hertzberg, CSO, SweTree Technologies AB
- *Addressing key challenges for the development of a bio-based economy – feedstock perspective*
Annika Nordin, Program Director, Future Forests, SLU

12.15 Lunch

13:15 Feedstock for sustainable biofuel production, continued

Moderator: Johanna Mossberg, director f3

Towards realization of the integrated forest-based biorefinery

- *Transportation fuels from black liquor lignin integrated in a pulp mill*
Anders Hultgren, Development Manager, Biofuels & Biochemicals, SCA
- *Systemic constraints and drivers for production of renewable transport fuels*
Philip Peck, Associate Professor, IIIIEE, Lund University

Evaluation of climate impact from forest resource utilization

- *The method's influence on climate impact assessment for biofuels and other forest biomass uses*
Diego Peñalosa, Researcher, RISE Research Institutes of Sweden
- *Bio-energy or carbon sink? – How large is the biomass potential and what should it be used for?*
Jinggang Guo, Centre for Environmental and Resource Economics, Department of Forest Economics, SLU

15:15 Coffee and cake on the go towards buses for study visit

15.30-18:30 Study visits

Limited number of participants, registration mandatory, members of f3, SLU and Bio4Energy have priority.

- *Biomass Technology Centre (BTC) – tailor-made feedstock in practice*
- *The torrefaction demonstration plant in Holmsund (IDU) – an entrepreneurial journey from idea to industrial-scale demonstration*

19:00 Dinner, location to be decided

Exclusively for members of f3, Bio4Energy and SLU and project participants within the joint research program *Förnybara drivmedel och system*.

f3 – fossil free fuels: The aim of the networking organization f3 is to contribute, through scientifically based knowledge, to the development of environmentally, economically and socially sustainable renewable fuels, as part of a future sustainable society. <http://www.f3centre.se/>

SLU – Swedish University of Agricultural Sciences: The vision of SLU is to be a world-class university in the fields of life and environmental sciences. <https://www.slu.se/en/>

Bio4Energy: The research environment Bio4Energy aims to create highly efficient and environmentally-sound biorefinery processes—including methods and tools for making products such as biofuels, "green" chemicals and new bio-based materials—which draw on biomass sourced from forests or organic waste as a raw material. <http://www.bio4energy.se/>

THE SWEDISH KNOWLEDGE CENTRE
FOR RENEWABLE TRANSPORTATION FUELS

