

Workshop at the 24th European Biomass Conference and Exhibition

Sustainability of forest bioenergy: Technological, climate and economic perspectives of the bioeconomy transition

Phasing off fossil fuels is mandatory to achieve ambitious climate change mitigation. Forest resources can be managed to enhance the transition to a bioeconomy.

The workshop present and discuss research in the field of technology improvements, integrated value chain analysis, climate change impacts and policy instruments for enabling a sustainable and cost-efficient bioeconomy.

Date: 7 June 2016 at Amsterdam RAI, room G 105

13:30 Welcome to the workshop organised by the National R&D-team on Bioenergy
Øystein Johnsen, Norwegian University of Life Sciences – NMBU

13:40 Session 1: Technology and Value Chains

Status and perspectives of technological advances in the forest bioenergy value chain
Øyvind Skreiberg, SINTEF Energy Research

Environmental impact analysis of the Norwegian bioenergy industry sector
Anders Arvesen, Norwegian University of Science and Technology – NTNU

Key note: Bioenergy pilot plants in Sweden

Anders Hjörnhede, SP Technical Research Institute of Sweden

The winner of the Bioenergy Innovation Award

Trond Værnes, Research Council of Norway

15:00 Break

15:15 Session 2: Climate and Policy

Not only carbon: climate regulation services of forest ecosystems and responses to management
Francesco Cherubini, Norwegian University of Science and Technology – NTNU

Forest Bioenergy in EU: Current status, policy outlook and technology perspective
Jacopo Giuntoli, European Commission, Joint Research Centre

Key note: Productivity, increment and forest ecosystem services

Pekka Kauppi, University of Helsinki

16:20 Panel debate

Increasing the supply of forest bioenergy and climate change mitigation - lessons learnt and win-win situations

Panel participants:

- Anders Hjörnhede, SP Technical Research Institute of Sweden
- Jacopo Giuntoli, European Commission, Joint Research Centre
- Pekka Kauppi, University of Helsinki
- Morten Fossum, Statkraft, Norway
- Eilif Due, Norwegian Forest Association
- Francesco Cherubini, Norwegian University of Science and Technology - NTNU

16:45 Closing words - Marie Bysveen, SINTEF Energy Research

The workshop is hosted by CenBio – the Norwegian Bioenergy Innovation Centre. The research centre is one of eleven Norwegian Research Centres for Environmentally friendly Energy, and aims at enabling sustainable and cost-efficient bioenergy industry in Norway. In CenBio, researchers address the entire value chains of virgin biomass and biodegradable waste fractions, including production, harvesting and transportation, conversion to heat and power, and upgrading residues to valuable products.

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