



Venue: NMBU, Urbygningen, 1430 Ås

Monday 13 March

11:30 – Lunch and registration

12:30 WELCOME SESSION

Welcome – Mari Sundli Tveit (*Rector NMBU*)

Greetings from Norwegian government

Winner of the Bioenergy Innovation Award

CenBio highlights – Marie Bysveen and Odd Jarle Skjelhaugen (*CenBio Centre leaders*)

13:25 USER PARTNERS' EXPERIENCE

More profitable forest biomass logistics – Eilif Due (*Norwegian Forest Owners Association*)

Improved district heating profitability – Morten Fossum (*Statkraft AS*)

Corrosion and emission reduction in CHP plants – Håkan Kassman (*Vattenfall AB*)

New feedstocks for biogas production – Pål Jahre Nilsen (*Cambi AS*)

14:45 – Break

15:15 CENBIO RESULTS

Optimal biomass supply – Simen Gjølsjø (*NIBIO*)

CenBio ASHistory – Michael Becidan (*SINTEF*)

The ultimate wood stove – Øyvind Skreiberg (*SINTEF*)

Carbon leakage through trade impacts of increased harvest in Norway – Birger Solberg (*NMBU*)

Three unique bioenergy value chains – Francesco Cherubini (*NTNU*)

17:00 – End of Day 1

19:00 **Dinner**

(*Odd Fellow, Idrettsveien 28, 1400 Ski*)



Tuesday 14 March

08:30 INTERNATIONAL TRENDS

Forest bioenergy and climate change mitigation – Francesco Cherubini (*NTNU*)

Forest bioenergy in Sweden; policy and technology perspective – Anders Hjørnhede (*RISE, Sweden*)

Bioenergy in EU; Status, policy and technology perspective – Jacopo Giuntoli (*EC, JRC, Netherlands*)

Waste-to-Energy – European policy, strategies and promising value chains – Pat Howes (*Ricardo, UK*)

11:00 – Lunch

12:00 STUDENTS AND INNOVATIONS

Next generation of bioenergy research and innovations – Terese Løvås (*NTNU*)

PhD Works:

- **Biogas production – microbial teamwork and enzymology** – Live H. Hagen (*NMBU, 2016*)
- **Small-scale bioenergy plants – from PhD to business** – Geir Skjevrek (*NTNU, 2013*)

Innovations:

- **Spreadsheet tool for forest biomass supply chain configuration** – Helmer Belbo (*NIBIO*)
- **Bottom ash in Portland Cement** – Bjarte A. Øye (*SINTEF*)

13:30 – Break

14:00 CENBIO'S SPINOFF PROJECTS

Flexible interplay between power and bioenergy – Erik Trømborg (*NMBU*)

Biomass upgrading for improved combustion processes – Øyvind Skreiberg (*SINTEF*)

14:40 CENBIO'S ROLE IN THE GREEN TRANSITION

Panel discussion with Kåre Gunnar Fløystad (*ZERO*), Eilif Due (*Nor. Forest Owners Association*), Morten Fossum (*Statkraft AS*) and Johnny Stuen (*EGE Oslo*)

15:30 – End of Day 2

CenBio

Bioenergy Innovation Centre

Registration and regular updates on www.CenBio.no

Contact: Odd Jarle Skjelhaugen (Odd.Jarle.Skjelhaugen@nmbu.no)