



**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 Skjevraak (*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