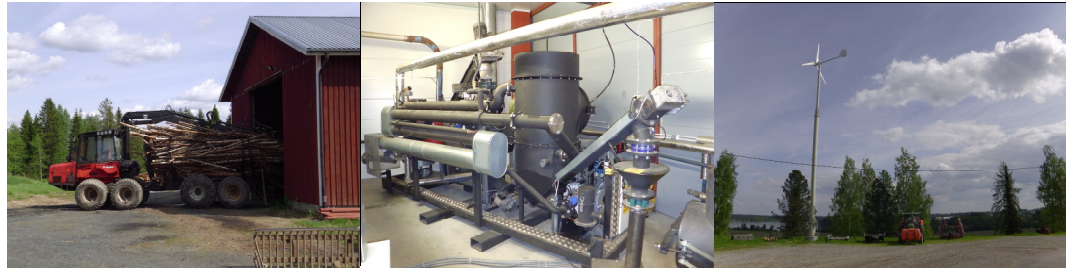


GREBE & IEA Bioenergy Task 43

Outline: project meetings & joint seminar



GREBE & IEA Bioenergy Task 43

Project/Business meetings
06.-10.02.2017 Joensuu, Finland
&

Joint seminar
„From resource to sustainable business“

09.02.2017 Joensuu, Finland

The goal of this seminar is to discuss the topics and aims of the “GREBE – Generating Renewable Energy Business Enterprise” and “IEA Bioenergy Task 43”.

Key aspects from GREBE and IEA Bioenergy Task will be presented and the opportunities from the resource to a sustainable business for sustainable energy will be elaborated.

The seminar includes discussions around the topics:

- 1. Biomass Feedstocks for Energy Markets**
- 2. Generating Renewable Energy business**
- 3. Mentoring & support for RE business**
- 4. Global energy markets & opportunities for sustainable business**

IEA Bioenergy



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GREBE & IEA Bioenergy Task 43

Monday, 6th February 2017

arrival from NPA partner countries

Tuesday, 7th February 2017

GREBE partner meeting (for GREBE partners only):

the meeting will take place at Luononvarakeskus, Metla-talo, room „Käpy“, Yliopistokatu 6, Joensuu.

- 09:00 – 10:30 **GREBE partner meeting outlined by the project coordinator**
GREBE: Pauline Leonard, Western Development Commission, Ireland
- 10:30 – 11:00 **Coffee break**
- 11:00 – 12:30 **GREBE project partner meeting**
- 12:30 - 13:30 **Lunch (Metla-house aula)**
- 13:30 - 17:00 **GREBE project partner meeting**
- 19:00 **GREBE project partner dinner at restaurant Local Bistro**

arrival from IEA partner countries

Wednesday, 8th February 2017

The meetings will take place at Metla-talo, Luke, Yliopistokatu 6, Joensuu.

Rooms: GREBE: „Käpy“, IEA T43: „Kerkkä“ (third floor).

- 09:00 – 10:30 **Parallel: GREBE partner meeting & IEA T43 business meeting**
- GREBE partner meeting: Pauline Leonard, WDC, Ireland
- IEA T43 business meeting: Göran Berndes, Chalmers University of Technology, Sweden
- 10:30 – 11:00 **Coffee break**
- 11:00 – 12:30 **Parallel: GREBE partner meeting & IEA T43 business meeting**
- 12:30 - 13:30 **Lunch (Metla-house aula)**
- 13:30 - 17:00 **Parallel: GREBE partner meeting & IEA T43 business meeting**
- 19:00 **IEA T43 business dinner at Restaurant Kielo**

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Thursday, 9th February 2017

The public seminar will take place at Metla-talo, Luke, Yliopistokatu 6, Joensuu.

Joint seminar: "From resource to sustainable business"

Session Chair: Lasse Okkonen

- 08:30 – 09:00 **Registration**
- 09:00 - 09:45 **Welcome & outline seminar**
Robert Prinz, Luke, Finland
Key Note
Antti Asikainen, Luke, Finland
Key Note discussion
- 09:45 – 10.00 **GREBE: introduction, aims & objectives**
Pauline Leonard, Western Development Commission, Ireland
- 10:00 – 10.15 **IEA Bioenergy Task 43: introduction, aims & objectives**
Göran Berndes, Chalmers University of Technology, Sweden (tbc)
- 10:15 - 10:30 **The role of growth strategies in renewable energy business**
Mika Pasanen, Karelia UAS, Finland
- 10:30 – 10:45 **Mobilizing sustainable bioenergy supply chains: insights from a 3-year inter-Task program within IEA bioenergy**
tbd
- 10:45 – 11:15 **Coffee break (Metla-house aula)**

Session Chair: Antti Asikainen
- 11:15 - 11:30 **RE tailored, expert guidance and mentoring (GREBE Entrepreneur Enabler Scheme)**
Una Porteous, Fermanagh and Omagh District Council, Northern Ireland
- 11:30 – 11:45 **Forest biomass supply for bioenergy, biofuels and bioproducts: Challenges and opportunities**
Mark Brown, USC, Australia & Evelyne Thiffault, U. Laval, Canada
- 11:45 – 12:00 **Transnational sharing of knowledge: Renewable Business Portal**
Robert Prinz, Luke, Finland
- 12:00 – 12:15 **Bioenergy and land use change: state of science and debate**
Hans Langeveld, Biomass Research, The Netherlands (tbc)
- 12:15 – 12:45 **Discussion**
- 13:00 – 13.45 **Lunch at Restaurant Teatteriravintola**

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Excursion

Excursion leaders: Robert Prinz & Ville Kuittinen

- 14:00 - 15:00 **Kesla forest technology**
Kesla Oyj, Finland
- 15:15 – 16:30 **Sirkkala Energy Park (small-scale CHP, hybrid solutions)**
Ville Kuittinen, Karelia UAS, Finland
Michael Laho, Volter Oy, Finland
- return to hotel & Metla-talo**
- 19:30 **Joint seminar dinner at restaurant Fransmanni (within Hotel Kimmel)**

OR parallel

Parallel to Excursion: GREBE Policy workshop

Location: Regional Council

Workshop chair & moderator: Lauri Sikanen, Luke, Finland

- 14:00 - 15:00 **Introduction to GREBE policy aspects**
Michael Doran, Action Renewables, Northern Ireland
Implementation plan (roadmap) for North Karelia (tbd)
Anniina Kontiokorpi, Regional Council of North Karelia, Finland
Bioenergy projects as essential part of local development strategy (tbd)
Asko Saatsi, Mayor City of Nurmes, Finland
Energy policy and entrepreneurship
Mika Juvonen, Bio10 Ltd., Finland
- 15:00 – 17:00 **discussion**
- 17:00 – 17:15 **summary of policy workshop discussions**
- 19:30 **Joint seminar dinner at restaurant Fransmanni (within Hotel Kimmel)**

Departure to home country

OPTIONAL: additional activities on Friday 10.02.2017

- „Cross-country skiing experience (with instructor) in Finland“ or
- „Exploring Finnish winter by dog sledding (on own charge)“ or
- „Ice-fishing (if weather & ice situation allows)“

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Some other important practical information:

Participation:

The seminar participation is free of charge, but please use Official registration form:
https://www.lyyti.fi/reg/resource_to_sustainable/en

Venue:

The seminar & meeting venue is located at Luonnonvarakeskus, Metla-talo, Yliopistokatu 6, Joensuu, Finland. A map can be found [here](#).

Accommodation:

Please make your reservation directly to hotels as soon as possible. We have made pre-reservation with the reference "GREBE/IEA" to the following hotel: Original Sokos Hotel Kimmel: <http://www.sokoshotels.fi/en/>

94 €/night/person/single standard room; 57 €/night/person/double standard room; Extra bed 25 €/person/night; Superior supplement 25 €/night/room with kettles, bathrobes and slippers.

The rates includes buffet breakfast, evening sauna with swimming pool and wifi. Check in time is at 3 pm and check out time at 12 am. Rooms are reserved until 3 weeks before the event, after that reservations could be made with the same rates as long as available. e-mail: sales.joensuu@sokoshotels.fi, + 358 20 1234 660.

There are also other hotels available in Joensuu, for example [Hotel GreenStar](#), [Original Sokos Hotel Vaakuna](#) and [Cumulus Joensuu](#).

Arrival:

From Helsinki by train:

A train from Helsinki to Joensuu takes about 5 hours. For further information on the schedules and the prices, please click [here](#). A cost for one-way ticket is about 60 €.

From Helsinki by plane:

A flight from Helsinki to Joensuu takes about 1 hour. Schedules can be checked and flights booked through [Finnair](#). Costs for a single ticket for Helsinki - Joensuu - Helsinki from 80 - 400 € depending on the time of the day and how early you book your tickets. In case you would have to overnight in Helsinki, we would recommend using one of the Helsinki airport hotels.

Transportation Joensuu airport to/from Joensuu

Airport bus: A bus waits every plane arrival and it departs for the city immediately after the aircraft arrival. The last stop of the bus is at the main bus station (opposite Hotel Kimmel). The bus leaves from the main bus station opposite 50 minutes before the aircraft takes off ([route map](#)). Bus fares are about 5 € one-way. For more information, please click [here](#). NOTICE! There is no bus transportation available on the weekends. In that case we recommend to use the taxi service.

Taxi:

Taxi fares from the airport to the city cost about 25 € and the trip takes about 15 minutes. Some taxis are waiting upon arrival of planes. If there are no taxis available you can call the taxi dispatching office on the following number: +358 (0) 601 10100.

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About GREBE & IEA Bioenergy Task

GREBE

The overarching aim GREBE (Generating Renewable Energy Business Enterprise) project is to develop and share support for renewable energy as a viable business sector for SMEs /microbusiness as a response to the unique natural environment of the northern periphery regions of Europe.

GREBE seeks to enhance the social and economic vibrancy of peripheral areas and offer employment opportunities for local residents. The harsh climatic environment combined with a unique natural environment means that RE is an ideal business opportunity in the NPA region, with both strong supply and demand opportunities.

GREBE will provide improved models of business supports and methods to aid the development of small RE businesses by adopting an integrated multi-targeted approach incorporating a range of factors that collectively will establish the ideal supporting conditions for small scale renewable energy business to prosper.

www.grebeproject.eu



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IEA Bioenergy Task 43

IEA Bioenergy Task 43 seeks to promote sound bioenergy development that is driven by well-informed decisions in business, governments and elsewhere. This will be achieved by providing to relevant actors timely and topical analyses, syntheses and conclusions on all fields related to biomass feedstock, including biomass markets and the socioeconomic and environmental consequences of feedstock production.

The Task covers all aspects of feedstock, its markets and environmental as well as socio-economic impacts. It has a global scope and includes commercial, near-commercial and promising production systems in agriculture and forestry. The Task will be concerned with issues related to the linking of sustainable biomass feedstocks to energy markets, explicitly considering environmental and socioeconomic aspects. Systems analysis integrating several disciplines will be used to conduct analyses that allow evaluation of alternatives across sectors and explicit examination of issues related to tradeoffs, compatibility and synergies between food, fibre and energy production systems and related markets.

One central aim is to achieve strong outreach and impacts as a result of Task activities. The Task will have a strong international impact by producing and providing timely and policy-relevant science and technology syntheses to targeted audiences for policy analysis and bioenergy market development.

<http://www.ieabioenergytask43.org/>

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