



## **ENERWOODS International Conference**

At the premises of The Royal Swedish Academy of Agriculture and Forestry, Stockholm, 27<sup>th</sup> August, 2015

### **Wood based energy systems from Nordic and Baltic Forests**

**- how to increase forest productivity and adaptation in tandem with more efficient use of the wood**

#### **Welcome**

The Nordic countries have ambitious goals to almost eliminate the fossil fuel from their energy supply and to show global leadership in the transition towards sustainable and renewable energy systems.

The prime objective of the ENERWOODS project is to provide scientifically based knowledge about the role of Nordic forestry in the development of Nordic renewable energy systems. ENERWOODS ([www.enerwoods.dk](http://www.enerwoods.dk)) is funded by Nordic Energy Research (<http://www.nordicenergy.org/>) under the Nordic Council of Ministers.

What are the strengths and weaknesses of the Nordic way? - and what can we learn from forestry elsewhere and the global forest landscape restoration efforts to support and increase forest adaptation and mitigation?

The conference is free of charge and includes two sessions:

**1. Morning Session I - ENERWOODS results**

- selected results will be presented and we welcome discussions of the implications and perspectives for forests, forestry and the energy and resource supply systems in a renewable Nordic energy system.

**2. Afternoon Session II - ENERWOODS in practise and perspectives for the future and the global outlook.**

- invited speakers provide overview and inspiration for next generation Nordic – Baltic forestry and for future and better uses of wood and woody biomass.



## Morning session I - ENERWOODS results

08.30-09.00 Registration and morning coffee

Moderator: Vivian Kvist Johannsen

09.00-09.10 Objectives of the ENERWOODS project and  
10 min overview of today's conference

Head of Section Vivian Kvist  
Johannsen, Skov & Landskab, IGN,  
Københavns Universitet

09.10-09.20 What is the profile of the research Nordic  
10 min Energy Research support and what  
differences does it make for the Nordic  
and Baltic region?

Director, Hans J. Koch,  
Nordic Energy Research,

09.20-09.40 The potential of forests and  
20 min forestry to support a sustainable development of  
our Nordic and Baltic regions?  
– what are the main challenges?

Professor Palle Madsen  
Skovskolen, IGN, Københavns Universitet  
IUFRO Task Force on Forest Adaptation  
and Restoration under Global Change

09.40-09.55 Status and potentials of tree breeding  
15 min for improving forest productivity and  
adaptation

Senior Researcher, Lars-Göran Stener,  
Skogforsk

09.55-10.10 Land areas and biomass available  
15 min for bioenergy purposes in the  
Nordic and Baltic countries

Senior Researcher, Lars Rytter,  
Skogforsk

10.10-10.25 Forest management in northern Europe  
15 min - and important tool to mitigate climate change

Professor, Johan Bergh, Linnéuniversitetet

10.25-10.45 Break

10.45-11.05 The demand of forest biomass is increasing  
20 min – how can we develop supply chains?

Senior Researcher, Perttu Anttila, LUKE

11.05-11.25 Optimizing the mitigation impact of forests  
20 min and forestry by using wood to substitute fossil  
energy and energy intensive materials

Professor, Leif Gustavsson,  
Linnéuniversitetet

11.25-11.40 Novel and high-productive forest  
15 min types to support forest adaptation  
and reach mitigation potentials

Professor Palle Madsen,  
Skovskolen, IGN, Københavns Universitet

11.40-12.00 Discussion and questions for the panel

Led by Scientific Editor Mats Hannerz,  
Silvinformation AB

12.00-12.50 Lunch



## Afternoon Session II

### ENERWOODS in practise and perspectives for the future and the global outlook

- invited speakers provide overview and inspiration for next generation Nordic – Baltic forestry and for future and better uses of wood and woody biomass.

Moderator: Palle Madsen

12.50-13.05 15 min	The most important measures to increase forest productivity in a major Swedish forest holding	Head of Research and Development, Erik Normark, Holmen Skog
13.05-13.20 15 min	Conifers the Pacific Northwest, poplar, and oak – all species are important for to maintain adaptation for the unknown future	Director, Esben Møller Madsen, Skåneskogens Utvecklings AB
13.20-13.35 15 min	Power plantings in Denmark - boosting forest biomass production with short notice	Business Developer, Rasmus Willumsen, HedeDanmark
13.35-13.50 15 min	Wood: Too good to burn!	Senior Vice President, Sourcing and Purchasing, Tuva Barnholt, Borregaard
13.50-14.05 15 min	Breakthrough for the liquid biofuels from next generation biorefineries?	Ordförande dr Wollmar Hintze VärmlandsMetanol AB
14.05-14.25 20 min	Massive Forest Pest Outbreaks in Western North America: Some Cautionary Lessons	Professor Philip J. Burton University of Northern British Columbia
14.25-14.45 20 min	Swedish renewable energy supply – present status and expected role of woody biomass in the future	Programme Manager Anna Lundborg, Energimyndigheten i Sverige
14.45-15.05	Discussions and conclusions with the panel	Led by Scientific Editor Mats Hannerz Silvinformation AB
15.05-15.25	Break	
15.25-15.40 15 min	Non-native species to spread the risk and increase the forest adaptation potential	Professor Urban Nilsson Sydsvensk Skogsforskning, SLU
15.40-16.00 20 min	New Generation Plantations – the WWF efforts to provide the wood and biomass needed without consuming more land than needed	Director of Forestry Programme Nikolay Shmatkov, WWF Russia
16.00-16.20 20. min	New Generation Plantations in practise - integrating high-productive forestry with forest restoration for biodiversity purposes	Forest Engineer Ana Paula Corrêa do Carmo, MSc Biodiversity Conservation and Management of Tropical Forests (CATIE), Brazil
16.20-17.00	Discussions and conclusions with the panel	Led by Scientific Editor Mats Hannerz Silvinformation AB



**ENERWOODS**

UNIVERSITY OF COPENHAGEN



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Nordic Energy Research

Registration before 22<sup>nd</sup> August at [link](#)

Number of participants is limited and participation is offered on a first come, first served basis.

**Conference venue**

**The Royal Swedish Academy of Agriculture and Forestry (KSLA)**

Drottninggatan 95 B, SE-113 86 STOCKHOLM, SWEDEN

Tel +46 8 5454 7700

<http://www.ksla.se/en/>

**Cancellation policy**

Delegates who are registered 15<sup>th</sup> of August and not attending the conference will be invoiced 1000 SEK. Otherwise the conference is free of charge.

**Further information:**

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