



# The Future of Forest Bioenergy

*Economical and political driving forces for increased bioenergy production in the forest products sector*

# International Symposium Arranged by The Royal Swedish Academy of Engineering Sciences (IVA) **Regarding the Future of Forest Bioenergy**

## **Economical and political driving forces for increased bioenergy production in the forest products sector**

Uncertainty over the future supply of fossil fuels makes bioenergy an increasingly attractive alternative. Although Brazil and the US are important actors in this development, in the last few years Sweden has taken decisive initiatives in a development towards renewable fuels. Today we are building the future energy system and it will be dependent on renewable resources like biomass. The role of the forest as a refined energy source is a burning question of great strategic value.

This symposium will give you a global overview of the bioenergy potential from a technical, economical and political point of view. It will debate the potential necessity for structural changes and development of the Swedish forest industry to meet the energy sector's requirements.

International climate politics and the ambitious EU goals for transport fuels are important driving forces for efficient production and the use of forest bioenergy. At this symposium Volvo, Shell and forest industry representatives will describe their strategic efforts in the bioenergy area.

**Date:** 6-7 February 2007

**Venue:** IVA's Conference Centre,  
Wallenberg Auditorium, Grev Turegatan 16, Stockholm

**Registration:** Please register at  
[www.iva.se/kalendarium](http://www.iva.se/kalendarium) no later than 1 February

### **Further information**

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or e-mail: [teresa.jonek@iva.se](mailto:teresa.jonek@iva.se)

***The symposium is free of charge***

## **Tuesday the 6th of February 2007**

- 18.00 **Welcome Gathering**
- 18.30 **Dinner in the Banquet Hall, IVA**  
Honorary Speaker – **George Weyerhaeuser Jr**, Sr Fellow,  
World Business Council for Sustainable Development, Geneva  
*A Business Perspective on Bioenergy Issues*

## **Wednesday the 7th of February 2007**

### **The Political Strategy:**

- 09.30 **Welcome**  
Prof. **Lena Treschow Torell**, President, IVA
- 09.35 **The US Approach to Alternative Energy**  
**Michael M. Wood**, United States Ambassador to Sweden
- 09.45 **Swedish Bioenergy Strategy – A Political Perspective**  
**Ola Alterå**, State Secretary, Swedish Ministry of Enterprise,  
Energy and Communications

### **A World Outlook:**

- 10.15 **The Jaakko Pöyry Bioenergy Perspective**  
**Petri Vasara**, Dr Tech, Jaakko Pöyry Consulting, Finland
- 10.35 **Comparing alternative technologies for motor fuels from wood – development status, potentials, yields**  
**Bengt Nippe Hylander**, Technical Director, ÅF-Process AB
- 10.55 **Coffee**
- 11.25 **A Brazilian Perspective on Bioenergy**  
Prof. **Donato Aranda**, Fed. Univ. of Rio de Janeiro, Brazil
- 11.45 **Bioenergy in the Swedish Energy System – Recent Work of The Royal Swedish Academy of Sciences (KVA)**  
Prof. **Sven Kullander**, Energy Committee Chairman, KVA

### **Technology and Production Outlook:**

- 12.05 **Forest Biomass Production in Sweden – Future Potentials**  
**Jan Fryk**, President, Skogforsk
- 12.25 **Swedish Initiatives for Biofuels – Some Reflections**  
**Christer Sjölin**, Director, IVA Div. IV
- 12.50 **Lunch in the Banquet Hall**

### **The Future of Biofuels:**

- 14.00 **Volvo as a Future Partner for the Development of the Forest Products Industry Bioenergy Strategy**  
**Anders Röj**, Fuels Coordinator, Volvo Technology
- 14.20 **The Shell View on the Future of Biofuels**  
**Carl Georgsson**, President, AB Swedish Shell
- 14.50 **Coffee**

### **Technology and Production Outlook:**

- 15.00 **The Södra Bioenergy Strategy**  
**Leif Brodén**, CEO Södra
- 15.30 **Is Bioenergy Production a Sustainable and Economically Viable Alternative for Sweden?**  
**Sverker Martin-Löf**, Chairman of the Board, SCA
- 15.50- **Conclusions**  
**Björn Hägglund**, Member of IVA's Executive Committee

*Chairman morning session: Prof. **Tom Lindström**, Royal Inst. of Technology*

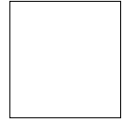
*Chairman afternoon session: **Björn Hägglund**, IVA's Executive Committee*



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Royal Swedish Academy of Engineering Sciences



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