



4th Conference of the  
Forest-based Sector Technology Platform

## **FUTURE LEAD MARKETS OF THE FOREST-BASED SECTOR**

15-16 May 2007  
HANNOVER, GERMANY

at the  
**LIGNA+**  
Exhibition Grounds, Convention Center

# Future Lead-Markets of the Forest-Based Sector

15-16 May, 2007, Hannover, Germany

## PROGRAMME

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### Monday, 14 May

14:00 – 18:00 Registration Convention Center, LIGNA+ Exhibition Grounds

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### Tuesday, 15 May

09:00 Registration and Coffee Foyer

**Opening Session** Room 1A

Chairperson Wolfgang Pfarl, Chairman FTP High Level Group

10:00 **Welcome Notes**

Frieder Meyer-Krahmer, State Secretary, German Federal Ministry of Education and Research  
Gert Lindemann, State Secretary, German Federal Ministry of Food, Agriculture and Consumer Protection

10:45 **The Knowledge-based Bio-economy and the Lead-Market Initiative of the European Commission**

José Manuel Silva Rodriguez, Director General for Research, European Commission (invited)

11:15 **Keynote Address: Creating an Innovative Europe**

Esko Aho, Chairman of the Aho Group on Innovation Policy, President of SITRA, the Finnish Innovation Fund

12:00 Lunch Foyer

**Plenary Session**

Room 1A

13:30 **Implementation of the Lead-Market Initiative and the Seventh Framework Programme of the EU**

Christos Tokamanis, Head of Unit, European Commission, DG Research

14:00 **FTP's View on the Lead-Market Initiative**

Claes-Göran Beckeman, FTP Project Director

14:30 **Discussion**

14:45 Coffee Break

**Parallel Sessions**

15:30 **FTP and the "Lead-Market Initiative" concept**

1.1 Sustainable construction

1.2 Bio-based products

1.3 Recycling technologies

1.4 The role of paper in future information society

1.5 Forests as resources for dynamic markets

Please look next page to see programmes of each session.

**18:30 Dinner Banquet**

Pavillon 34, Exporoof

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### Wednesday, 16 May

**Parallel Sessions**

10:00 **FTP and Mega-Trends**

2.1 The socio-economic challenges of the sector - How can FTP contribute?

2.2 Adaptation and mitigation to climate change

2.3 Scarce raw materials and circular flow economy

2.4 Human skills and global competitiveness: the role of the European Institute of Technology (EIT)

Please look last page to see programmes of each session.

**Closing Session**

Room 1A

Chairperson Konstantin von Teuffel, Forest Research Institute of Baden-Württemberg

12:00 **Conclusions and Future Action**

Christian Patermann, Director, European Commission, DG Research

Wilhelm Vorher, FTP Project Director

13:00 Farewell Lunch

Foyer

14:00 End of the conference

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### FTP-Display, 14 -18 May

**LIGNA+ Exhibition Grounds, Hall 17, Stand 53**

The German National Support Group of the Forest-based Sector Technology Platform presents at the LIGNA+ in Hall 17 (Stand 53) a prototype of an accelerated skidder as result of a two-year co-operative research project under the Sixth Framework Programme with 15 European partners from industry and science ("forstINNO").

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## PARALLEL SESSIONS

### Tuesday, 15 May

#### 1.1 Sustainable Construction Room 13

Chairperson Pekka Peura, UPM-Kymmene, Wood Products Division, Finland

- 15:30 **Need for sustainability in construction – Why sustainability is important?**  
Antonio Paparella, European Commission, DG Enterprise and Industry
- 15:50 **Environmental performance standardisation as a tool to speed up development and create business in construction**  
Juha Miettinen, UPM, Finland
- 16:20 **Sustainability in steel construction sector**  
Veikko Heikkinen, Ruukki Corporation, Finland
- 16:40 **Novel approaches to durability in creating new business for wood products**  
Jöran Jermer, SP Trätek, Sweden
- 17:10 **Building with Wood Process (BWW) - supporting sustainability**  
Erich Wiesner, Wiegag Corporation, Austria
- 17:30 End of Session

#### 1.2 Bio-based Products Room 14

Chairperson Markku Karlsson, UPM-Kymmene, Finland

- 15:30 **Introduction**
- 15:40 **Bio-based products as a lead-market**  
Camille Burel, EuropaBio, Belgium
- 16:00 **Bio-based products from lignocellulose sources**  
Prof. Birgit Kamm, BioPos Teltow, Germany
- 16:20 **Bio-based products in the chemical industry**  
Camille Burel, SusChem, European Technology Platform for Sustainable Chemistry
- 16:40 **Bio-based products and biofuels**  
N.N., European Biofuels Technology Platform
- 17:00 **Discussion**
- 17:30 End of Session

#### 1.3 Recycling Technologies Room 17

Chairperson Francois Julien-Saint-Amand, Centre Technique du Papier, France

- 15:30 **Recycling, a key element in the context of the Lead Market Initiative ?**  
Ewald Pertlik, European Commission, DG Research
- 15:50 **Stock Preparation Processes for Paper Recycling - State of the Art and Challenges**  
Harald Hess, Voith Paper Fiber Systems, Germany
- 16:20 **Focus on wood recycling technology in panel production**  
Fabio Chiara, PAL S.r.l, Italy
- 16:40 **Wood recycling technologies in Poland – current status and prospects**  
Wojciech Cichy, Instytut Technologii Drewna, Poland
- 17:00 **Discussion**
- 17:30 End of Session

#### 1.4 The role of paper in future information society Room 18

Chairperson Math Jennekens, SAPPI Europe, The Netherlands

- 15:30 **The Big Picture - Paper in the New Media World**  
André M. Helbling, GEMS Europe GmbH, Switzerland
- 16:00 **European Forest Industry Foresight: critical change forces on the horizon**  
Ainomaija Haarla, ProConsilium Ltd., Finland
- 16:30 **Innovation and research for success in the new media landscape**  
Pia Wågberg, STFI, Sweden
- 17:00 **Discussion**
- 17:30 End of Session

#### 1.5 Forests as resources for dynamic markets Room 1A

Chairperson Wilhelm Vorher, THOSCA HOLZ, Germany

- 15:30 **Future forestry – sustainable strategies in an unpredictable world**  
Olof Olsson, Mistra, Sweden
- 16:00 **The excellence of Eucalyptus Globulus fibres for the production of office papers**  
Hermano Mendonca, Portucel Soporcel, Portugal
- 16:20 **Forest resources in Russia**  
Natalia Lukina, Centre for Forest Ecology and Productivity, Russia
- 16:40 **Forest tree plantations and agroforestry: production technologies, environmental opportunities and research needs**  
Guiseppe Scarascia-Mugnozza, University of Viterbo, Italy
- 17:00 **Discussion**
- 17:30 End of Session

Lunch and coffee breaks  
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## PARALLEL SESSIONS

### Wednesday, 16 May

#### 2.1 The socio-economic challenges of the sector - How can FTP contribute? Room 17

Chairperson Birger Solberg, Norwegian University of Life Sciences, Norway

10:00 **Socio-economic sciences and the humanities in FP7 - how can FTP contribute?**

Pia Laurila, European Commission, DG Research

10:25 **Multifunctionality and socio-economic importance of forests: some trends and pressures**

Niels Strange, Centre for Forest, Landscape and Planning, University of Copenhagen, Denmark

10:50 **Recreation and tourism in forestry: benefits and opportunities**

Cecil Konijnendijk, woodScape consult, The Netherlands

11:15 **Discussion**

11:45 End of Session

#### 2.2 Adaptation and mitigation to Climate Change Room 1A

Chairperson Risto Päivinen, European Forest Institute, Finland

10:00 **Innovative and sustainable Forest-based Industries in the framework of climate change policy**

María Gafo Gómez-Zamalloa, European Commission, DG Enterprise and Industry

10:20 **European forests in climate change – implications for adaptation and mitigation**

Seppo Kellomäki, University of Joensuu, Finland

10:40 **The role of industries in tackling climate change**

Filip De Jaeger, CEI-Bois, Belgium

11:00 **Bioenergy from European forests - potentials and constraints to mitigate climate change**

Joerg Schweinle, Federal Research Centre for Forestry and Forest Products, Germany

11:20 **Discussion**

11:45 End of Session

#### 2.3 Scarce raw materials and circular flow economy Room 13

Chairperson Udo Mantau, Federal Research Centre for Forestry and Forest Products, Germany

10:00 **Introduction**

10:15 **Limits of paper recycling governed by markets, legislation and sustainability**

Arie Hooimeijer, KCPK, The Netherlands

10:35 **Management of wood recovery**

Joris van Acker, Ghent University, Department of forest and water management, Belgium

10:55 **How to bring together sustainability and increased harvesting intensity for wood mobilisation?**

Klaus v. Wilpert, Forest Research Institute of Baden-Württemberg, Germany

11:15 **Discussion**

11:45 End of Session

#### 2.4 Human skills and global competitiveness: the role of the European Institute of Technology (EIT) Room 18

Chairperson Claes-Göran Beckeman, FTP Project Director, Sweden

10:00 **How to secure human skills - education and training in pulp and paper industry**

Pirkko Molkentin-Matilainen, Finnish Paper Engineers' Association, Finland

10:25 **The European Institute of Technology - EIT**

Timothy Hall, Head of Unit, European Commission, DG Research

10:50 **The EIT concept in the European Research Area**

Horst Soboll, European Research Advisory Board (EURAB), Germany

11:15 **Discussion**

11:45 End of Session

## Organisers

Forest-based Sector Technology Platform (FTP), German National Support Group (GNSG)

Federal Ministry of Education and Research

Federal Ministry of Food, Agriculture and Consumer Protection

Federal Ministry of Economics and Technology

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