

The Nancy 2008 International Scientific Conference

Why? During its presidency of the European Union (second semester 2008), France wishes to contribute to the debate on the roles of forests and their products in a post-2012 climate regime.

What? The roles of the forest-based sector and perspectives for the future will be discussed under three main headings:

- (i) forests as carbon sinks
- (ii) wood-based products: carbon pools and energy conservation
- (iii) the forest-based sector: source of renewable energy.

How? Invited speakers in plenary sessions, other contributions in parallel and poster sessions.

Where? Nancy (Palais des congrès/Congress House), city in the East of France (1 1/2 hour from Paris by TGV/High Speed Train).

Who? Scientists from public or private research centres and universities, Professionals from the forest-based sector, Delegates from the European Union and its Member States, Delegates from other national or international organisations, Members of NGOs involved in the forest-based sector, students and journalists.

How to register? The registration and hotel reservation can be managed on the website of the Congress House at <http://www.nancy-congres.com> Normal fees are 132 € (free for students, journalists and official guests). Recommended before September 2008, 30th.

Where is further information?

On the conference website <http://www.gip-ecofor.org/nancy2008/>

but also by Viviane Appora ecofor@gip-ecofor.org

and Jean-Luc Peyron peyron@gip-ecofor.org

Partners

Lorraine Region, Nancy City and Urban Community, ECOFOR, AgroParisTech, INRA, ONF, ENSTIB, IISD, French Forest Review

European Forest Week, IUFRO, COST, Forest-Based Sector Technology Platform, EFI



International Conference

« The European Forest-Based Sector: Bio-Responses to Address New Climate and Energy Challenges? »

Organized under the auspices of the

French Presidency of the Council of the European Union

6-8 November 2008, Nancy, France



Thursday 6 November 2008 (preliminary programme)

8h00-9h00: Registration

9h00-9h30: Opening and Welcome addresses on behalf of:

- Nancy: **André Rossinot***, Major, President of the Urban Community
- Lorraine: **Jean-Pierre Masseret***, President of the Regional Council
- France: **Brice Lalonde***, French Ambassador for Climate Change
- MCPFE GCC: **Lars Peder Brekk***, Norwegian Minister of Agriculture and Food
- EU Commissioners **Stavros Dimas*** (Environment) & **Andris Piebalgs*** (Energy)

9h30-10h30: Keynote addresses:

- Forest and climate change at the interface between science and decision-making. **Risto Seppälä**, (IUFRO, CPF Initiative on Forest Science and Technology).
- Research to address climate and energy challenges: the Forest-Based Sector Technology Platform approach. **Johan Elvnert** (FTP management).
- Forestry: a major tool towards mitigation of climate change. **Gert-Jan Nabuurs** (IPCC author).
- Brief statement from the **UNFCCC Secretariat**

10h30-11h00: Coffee break

11h00-12h30: Plenary session “Forests as carbon sinks”

- Forest carbon sinks and Kyoto Protocol: from present commitments to future ones. **Peter Aarup Iversen** (Ministry for Climate and Energy, Denmark).
- Forests and carbon cycle: an overall assessment. **Philippe Ciais** (LSCE, France).
- The carbon balance of European forests: which management, drivers and future? **Sebastian Luysaert** (University of Antwerp, Belgium).
- Reporting LULUCF emissions and removals: from current challenges to possible solutions in a more comprehensive accounting regime. **Giacomo Grassi** (JRC).

12h30-14h00 : lunch

14h00-15h45: Parallel sessions “Forests as carbon sink”

15h45-16h15: Coffee break

16h15-17h45: Plenary session “Wood-based products: carbon pools & energy conservation”

- Why harvested wood products are not accounted for in Kyoto Protocol and why they should be? **Eugene Hendrick** (Coford, Ireland).
- Life cycle analyses: a major tool to compare wood and its alternatives as regards carbon. **Arno Frühwald***, University of Hambourg, Germany.
- Wood processing by gluing and preservation: is this a problem under the Framework Convention on Climate Change? **Antonio Pizzi**, (Enstib, France).
- Measures and policies to increase the role of forest products in climate change mitigation. **Christopher Prins & Sebastian Hetsch** (Unece, Geneva).

17h45-18h30: Poster session

19h00-22h00: Official dinner (City Hall)

* invited. Presence to be confirmed.

Friday 7 November 2008 (preliminary programme)

8h00-8h30: Registration

8h30-10h00: Parallel sessions “Wood-based products: carbon pools and energy conservation”

10h00-10h30: Coffee break

10h30-12h00: Plenary session “The forest-based sector: source of renewable energy”

- Bio-energy and Kyoto Protocol: from present commitments to future ones. **Paolo Canaveira** (Celpa, Portugal).
- Forest based bioenergy potential in Europe to power, transportation fuels and heat. **Kai Sipilä et al.** (VTT & Metla, Finland).
- Second generation biofuel production within the forest market. **Johannes Schmidt et al.** (Boku & IIASA, Austria, and Mälardalen University, Sweden).
- Strategies, policies and measures to make full use of the potential of wood as source of bio-energy whilst contributing to climate mitigation. **Markku Karlsson**, (UPM-Kymene Oyj, Finland).

12h00-13h30: Lunch

13h30-15h15: Parallel sessions “The forest-based sector: source of renewable energy”

15h15-15h45: Coffee break

15h45-17h30: Plenary session “Integration, synthesis, and closing”

- Greenhouse gas dynamics of different forest management and wood use scenarios **Frank Werner, Rüdi Taverna & Peter Hofer** (GEO Partner, Switzerland).
- EFORWOOD: an integrated tool to analyse the mitigation capabilities of the forest-based sector. **Kaj Rosen** (Project coordinator, Skogforsk, Sweden).
- Which science to address new climate and energy challenges? **Yves Birot** (Scientific Committee of the Conference).
- Which bio-responses to address new climate and energy challenges? **Jim Penman*** (Defra, UK).
- **Janusz Zalewski**, Deputy Secretary of State at the Polish Ministry of Agriculture and Rural Development on behalf of the Presidency of Poznan Conference.
- **Michel Barnier**, Minister of Agriculture and Fisheries.

Saturday 8 November 2008 (preliminary programme)

Parallel visits:

- **8h30-13h00:** Short East Route (A') Nancy-Champenoux **Research Centre**
- **8h30-17h30:** East Route (A): Nancy-Champenoux Research Centre and Hesse forest: Research facilities to monitor and understand **ecosystem functioning**.
- **8h30-17h30:** South (B) or West (C) Route: Epinal (B) or Vitry-le-François (C): **Wood for building, paper and energy**.

* invited. Presence to be confirmed.

Parallel sessions “Forests as carbon sinks” (Thursday 6 November, 14h00-15h45)

- Soil warming in a mountain forest increases GHG emissions. **Robert Jandl**, **Andi Schindlbacher**, **Barbara Kitzler**, **Sophie Zechmeister-Boltenstern**, BFW Austria.
- Modelling interactions between forest management and climate at the global scale **Valentin Bellassen *et al.***, LSCE, CIRAD & ONF France.
- The Kyoto Protocol mechanisms and Carbon Markets: opportunities and challenges for forestry. **Maria Nijnik** The Macaulay Institute, UK.
- The Global Carbon Market and its implications on post-2012 agreements in Annexe 1 countries. **Franck Lecocq**, AgroParistech, Engref & INRA, France.
- Forests : carbon sinks? **Laurent Saint-André *et al.***, Cirad Montpellier & Inra/Engref Nancy, France.
- Increasing carbon sinks by forest management? Conflicts and synergies. **Esther Thüring & Edgar Kaufmann**, WSL, Switzerland.
- Potential recovery of industrial wood, energy wood raw material and the consequent development of carbon in growing stock in different cutting and climate scenarios for Finland. **Tuula Nuutinen**, **Leena Kärkkäinen** & **Juho Matala**, Metla, Finland.
- Impact of tree felling and drought in carbon fixation over a Portuguese Eucalyptus site. **Gabriel Pita *et al.***, Portugal.

Parallel sessions “Wood-based products: carbon pools & energy conservation (Friday 7 November, 8h30-10h00)

- The accounting of CO₂ emissions from biomass in an LCA of wood products. **Claire Cornillier & Estelle Vial**, FCBA, France.
- Which forest management, wood production and use could reduce greenhouse gases emissions ? **Nicolas Robert *et al.***, Lerfob/Inra/Engref/ONF/CNPPF, France.
- Analysis of an additional project of carbon sequestration in wood products: the case of the maritime pine forest of the Landes of Gascogne. **Jean Jacques Malfait**, University of Bordeaux 4, France & **Guillaume Pajot**, Macaulay Institute, Scotland.
- How to consider Harvested Wood Products in a future climate regime? A German case study. **Sebastian Rueter**, von Thünen Institut, Germany.
- Policies and measures of carbon sequestration in the voluntary market: which equilibrium between transaction costs and shared rules of good practices? **Davide Petenella**, TESAF, University of Padova, Italy.
- The European pulp and paper industry, part of the solution to climate change. **Bernard de Galembert**, CEPI, Bruxelles.
- Consequences of alternative accounting approaches for wood-based products. **Kim Pingoud**, VTT, Finland.

Parallel sessions “The forest-based sector: source of renewable energy” (Friday 7 November, 13h30-15h00)

- Thermochemical conversions of biomass: applications and current processes. **Anthony Dufour *et al.***, Vertbilor - CNRS, France.
- France-Brazil integrated research for bio-energy **José Otavio Brito *et al.***, University of Sao Paulo, Brazil & Lermab, France.
- Disponibilité en bois-énergie dans la ressource forestière française. **Patrick Vallet *et al.***, Cemagref, France.
- **Peter Lohmander**, **Swedish Univ. of Agricultural Sciences, Sweden**: Optimal dynamic control of the forest resource with changing energy demand functions and valuation of CO₂ storage.
- Ensuring Forest Sustainability in the Development of Wood Bioenergy. **V. Alaric Sample**, Pinchot Institute USA.
- Forest energy resources, certification of supply and markets for energy technology. **Timo Karjalainen**, Metla, **Arvo Leinonen**, VTT & **Lassi Linnanen**, Lappeenranta University Technology, Finland.
- Policy changes and their effects on sustainable forest resource utilization in Europe. **Marcus Lindner & Hans Verkerk**, EFI, Joensuu.
- Utilization of “Integrated Environmental Assessments” (IEAs) to compare the contribution of various scenarios related with forest management and use of wood in order to maximize, during the next 50 years, net GHG emission reductions. **Arthur Riedacker**, Inra, France.
- Sustainability as regards wood and wood residues for energy generation; an overview. **Piotr Paschalis Jakubowicz**, Faculty of Forestry, Warsaw, Poland.