



In collaboration with



International Seminar on Energy and the Forest Products Industry

Rome, 30 – 31 October 2006

Objectives

The seminar aims to:

- assess the energy challenges facing the forest product industry globally in an integrated way;
- examine the impact of new energy policies and future energy scenarios on the competitiveness of forest products;
- focus on the potential of bio-energy and bio-refinery and the potential for further energy and material-efficiency within the sector;
- discuss the possible response and contribution of forest products industry to changing energy scenarios;
- formulate a vision on the role of governments and institutions to develop requirements for well integrated and carefully balanced policies at global, regional and national levels.

Participants

Decision makers and experts from forest products industry, energy industry and service sector, government officers, members of international governmental and non-governmental organizations.

The meeting

The meeting will be subdivided in three thematic blocks addressing issues related to energy policies and trends, wood as energy source, and energy efficiency issues.

The seminar will benefit from the technical workshop on energy efficiency organized by IEA on 9 October 2006 in Paris. Under each block, the subject matter will be briefly presented by invited experts, followed by panel discussions and /or roundtables. The issues will be discussed in plenary. Proceedings will be published.

Thematic blocks

1. Energy policies and trends

Setting the scene regarding the overall energy scenarios and trends, highlighting the importance of renewable energy policies, impacts of subsidies, and trends for energy costs:

- Overall review of global energy scenarios (including renewable energy);
- New energy policies- How they affect forest industries;
- Roundtable discussion with all speakers, including questions from the audience.

2. Role of wood as energy source

The increased utilisation of woody biomass as renewable energy source will likely create competition between fuels and forest products. This session will present and discuss key related topics such as:

- Overall review of global bioenergy scenarios;
- Economic and environmental implications of woodfuel production and competition with other uses;
- Forest products policies, prices, subsidies, incentives and implications for future wood energy scenarios;
- The sector's response to the challenges ahead;
- Roundtable discussion with all speakers with questions from the audience.

3. Energy and material efficiency in the forest products industry

The response of the forest products industry as a producer and consumer of energy to the changing energy scenarios will be discussed, including the roles of cogeneration and other technological options, investment decisions, positioning of forest products industry in the international dialogue, interchange with energy sector and governments. Issues to be discussed will be:

- Overview of energy efficiency technologies;
- Economics and energy saving potential in pulp & paper industry;
- Forest industries in the light of the Kyoto Protocol: Potential for CO₂ emission reduction in industry;
- Benchmarking energy use and GHG emissions;
- Energy production including cogeneration by industry;
- Bio-refinery as part of the solution;
- Roundtable discussion with questions from audience.

Monday, 30 October

08h00 Registration

Theme 1: Energy Policies and Trends

09:00 Opening and the G 8 – Programme

09:15 Overall review of global energy scenarios including renewable energy

09:45 Coffee break

10:15 Overview of existing and emerging energy policies: how they affect forest industries

11:15 Energy policies as a global investment factor

11:45 Round-table discussion with questions from the audience

12:30 Lunch

Theme 2: Role of Wood as Energy Source

14:00 Overall review of global bioenergy scenarios

14.30 Sustainable forest products industry, carbon and climate

14:40 Forest products policies, prices, subsidies and incentives, and implications for future wood energy scenarios

15:10 Coffee break

15:30 Lessons learnt from tropical regions

15:50 Economic and environmental implications of woodfuel production and competition with other uses

16:40 Round-table discussion with questions from the audience

19:30 Dinner

Tuesday, 31 October

Theme 3: Energy & Material Efficiency in the FP industry

08:30 Overview of worldwide energy efficiency today: Summary report of the IEA/IETS workshop on technologies to improve energy efficiency and reduce CO₂ emission

09:00 Economics of energy saving potential in the global pulp and paper industry

09:20 Material efficiency

09:40 Energy efficiency developments initiatives in the pulp and paper industry

10:00 Transition to a low-carbon economy

- 10:30 Coffee break.**
- 10:50 Benchmarking energy use and GHG emissions**
- 11:10 Energy production incl. cogeneration by industries**
- 11:40 Round-table discussion with questions from the audience**
- 12:30 Lunch.**
- 14:00 A company perspective on energy efficiency and emission reduction**
- 14:20 Round-table discussion of forest industries**

Topics:

- R&D needs;
- Achieving efficiency and CO2 reduction;
- Benchmarking and other approaches;
- Indicators;
- ETS;
- How to include developing countries

- 16:00 Coffee break**
- 16:15 Wrap-up discussion**
- 16:45 Closing remarks**

AF&PA	American Forest and Paper Association
CEPI	Confederation of European Paper Industries
COGEN Europe	European Association for the Promotion of Cogeneration
EFFE	Evaluating Financial Instruments in Forestry in Europe
EFI	European Forest Institute
ETS	European Trading System
EU	European Union
FAO	Food and Agriculture Organization of the United Nations
FPAC	Forest Products Association of Canada
FRAM	Future Resource Adapted pulp Mill
ICFPA	International Council of Forest and Paper Associations
IEA	International Energy Agency
IIASA	International Institute for Applied System Analysis
ITTO	International Tropical Timber Organization
IUCN	World Conservation Union
JPA	Japan Paper Association
KAM	Ecocyclic Pulp Mill (closed cycle pulp mill)
TAPPI	Technical Association for the Pulp & Paper Industry
UBC	University of British Columbia
UNECE	United Nations Economic Commission for Europe
USDoE	United States Department of Energy
USFS	United States Forest Service
WBCSD	World Business Council for Sustainable Development