



EFORWOOD

Sustainability Impact Assessment of the Forestry-Wood Chain

UPPSALA 23–24 SEPTEMBER 2009

SHAPE YOUR SUSTAINABILITY TOOLS

– and let your tools shape you

Programme (Preliminary)

WEDNESDAY SEPTEMBER 23th, 2009

08:30-09:15 REGISTRATION & COFFEE

09:15-10:20 **PLENARY**

Welcome *Jan Fryk, Managing Director, Skogforsk*

Introduction *Kaj Rosén, Skogforsk*

Concepts of and Challenges to Sustainability Assessment
Roger Sedjo, Resources for the Future

The Forest-based Sector in the 21st Century
Andreas Kleinschmit von Lengsfelt, Forest-based Sector Technology Platform

10:20-10:40 BREAK

10:40-11:40 **THEME 1:**
**Sustainability Impact Assessment
in a Knowledge-based Bio-economy**

SIAT – A Tool to Explore the
Sustainability of Policy Options
Peter Verweij

Sustainability Indicator Development
– Science or Political Negotiation?
Helga Pölzl

Concepts for a Common
Implementation of Cost-Benefit
Analysis and Multi-Criteria Analysis
in Sustainability Impact Assessment
Bernhard Wolfslehner

THEME 2:
**Methods for Evaluation of Sustainability
Impact from Process to Sector Level**

Agri-Environmental Footprint Index
(AFI), Time Series and Participants vs
Non-Participants in Agri-Environment
Schemes *Jens Peter Vesterager*

A Delphi Approach to Assess the Impacts
of Forest Management on the Recreational
Value of European Forests *David Edwards*

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11:50-12:30	<p>THEME 1: Sustainability Impact Assessment in a Knowledge-based Bio-economy</p> <p>Natura 2000 and the Sustainability of the European Forest Sector <i>Maarit A. Kallio</i></p> <p>Comparison of Spanish and Swedish Pulp Industries from an Environmental Perspective <i>Sara González García</i></p>	<p>THEME 2: Methods for Evaluation of Sustainability Impact from Process to Sector Level</p> <p>Forest Resource Databases with Properties of wood and Potential Products for Improved Raw Material Allocation and Sustainability <i>Sven-Olof Lundqvist</i></p> <p>Systems Analysis and Sustainability Impact Assessment – A Dynamic and Flexible Method <i>Diana Vötter</i></p>
12:30-14:00	LUNCH	
14:00-15:10	<p>PLENARY</p> <p>EFORWOOD – An Approach to Sustainability Impact Analysis for the Entire Forest-based Sector <i>Risto Päävinen, European Forest Institute</i></p> <p>A Tool for Sustainability Impact Assessment (ToSIA) of Forest-Wood Chains Linked with a Database of Sustainability Indicators Collected within the EFORWOOD Project <i>Marcus Lindner, European Forest Institute</i></p>	
15:20-15:50	<p>PLENARY</p> <p>ToSIA – A Tool for Sustainability Impact Assessment of Forest-Wood Chains <i>Tommi Suominen, European Forest Institute</i></p>	
15:50-16:20	COFFEE BREAK	
16:20-17:00	<p>THEME 1: Sustainability Impact Assessment in a Knowledge-based Bio-economy</p> <p>Indisputable Key – Industrial Breakthrough of New Methods and Technologies in the Wood Industry <i>Gunnar Niblaeus</i></p> <p>Analysis of Consumers, Wood-based Products and Substitutes in the Context of the Forestry-Wood Chain Sustainability Concept, including the Identification of Hot Spots <i>Beatrix Szirmay</i></p>	<p>THEME 3: Case Study Applications in Sustainability Impact Assessment</p> <p>Baden-Württemberg's Forest and Timber Industries – Sustainability Impact Assessment for the Present and the Future <i>Franka Brüchert</i></p> <p>Scandinavian Case Study – A Technology-driven Utilisation of the Forests <i>Erik Valinger</i></p>
17:00-18:00	POSTER SESSION	
19:00	CONFERENCE DINNER	

THURSDAY SEPTEMBER 24th, 2009

09:00-10:00 PLENARY

Criteria and Indicators to Assess the Sustainability of the Forestry-Wood Chain
Christopher Prins, UNECE/FAO Timber Committee

The Policy Framework of SIA – The Contribution of Research
Maria Gafo Gomez-Zamalloa, DG Enterprise and Industry, European Commission

10:00-10:30 COFFEE BREAK

10:30-11:30 THEME 3:

Case Study Applications in Sustainability Impact Assessment

An Application of Cost-Benefit Analysis for Sustainability Impact Assessment of Forest-Wood Chains: An Example Employing The Baden-Württemberg FWC *Irina Prokofieva*

Optimising Resource Efficiency and Carbon Intensity in the Wood Processing Sector in Austria
Alfred Teischinger

Allocation Effects on Sustainability within a Solid Wood Chain – A Case Study in South Scotland
Barry Gardiner

THEME 4:

Scenario Analysis of the Forest-based Sector and Parts thereof

Climate Implications of Increased Wood Use in the Construction Sector – Towards an Integrated Modelling Framework
Ljusk Ola Eriksson

Modelling Carbon Accumulation in Wood Products *Ana Cláudia Dias*

Scenario Analysis of Fuel-Pellet Production – The Influence of Torrefaction on Material Flows and Energy Balances *Margareta Wihersaari*

11:40-12:20 THEME 3:

Case Study Applications in Sustainability Impact Assessment

SIMPLOT: The Regional Simulator for Eucalyptus Forests in Portugal
Susana Barreiro

Zoning as an Instrument for Sustainable Development and Exploitation of Mountainous Areas
Vasileios C. Drosos

THEME 4:

Scenario Analysis of the Forest-based Sector and Parts thereof

Impacts of Different Natura 2000 Implementation Levels on European Forest Resources *Mart-Jan Schelhaas*

The EU Wood Chain in a Globalised World – The Impact of Trade and Policy Factors on the Sustainability of Wood Chains between the EU and Developing Countries *Eric Arets*

12:30-13:00 PLENARY

The Future of EFORWOOD *Kaj Rosén*

Closing remarks *Astrid Kaemena, DG Research European Commission*

13:00-14:00 LUNCH

14:00 END OF CONFERENCE