



UPPSALA 23–24 SEPTEMBER 2009

## SHAPE YOUR SUSTAINABILITY TOOLS

– and let your tools shape you

Programme (Preliminary)

**WEDNESDAY SEPTEMBER 23<sup>th</sup>, 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 Lengefeld, 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 Pülzl*

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*

11:50-12:30	<p><b>THEME 1:</b>  <b>Sustainability Impact Assessment in a Knowledge-based Bio-economy</b></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><b>THEME 2:</b>  <b>Methods for Evaluation of Sustainability Impact from Process to Sector Level</b></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><b>PLENARY</b></p> <p>EFORWOOD – An Approach to Sustainability Impact Analysis for the Entire Forest-based Sector <i>Risto Päivinen, 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><b>PLENARY</b></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><b>THEME 1:</b>  <b>Sustainability Impact Assessment in a Knowledge-based Bio-economy</b></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><b>THEME 3:</b>  <b>Case Study Applications in Sustainability Impact Assessment</b></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	<b>POSTER SESSION</b>	
19:00	CONFERENCE DINNER	

## THURSDAY SEPTEMBER 24<sup>th</sup>, 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 Gafó 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*
- 10:30-11:30 **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*
- 11:40-12:20 **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