

## Sustainability of Bioenergy Supply Chains – Workshop program

Radisson Blu Scandinavia Hotel Södra Hamngatan 59, Gothenburg, Sweden

Thursday 18 May 2017		
	<b>Moderator: Göran Berndes Room: Västerhavet C</b>	
09.00-09.15	General workshop & project introduction. Presenter: Martin Junginger	
09.15-09.30	Introduction to Objective 1. Presenter: Annette Cowie	
09.30-09.45	Introduction to Objective 2. Presenter: Inge Stupak	
09.45-10.00	Introduction to Objective 3. Presenter: Uwe Fritsche	
10.00-10.15	Adam Brown: Summary of the outcome so the Paris IEA Bioenergy roadmap workshop	
10.15-10.45	General discussion on approaches	
10.45-11.00	Coffee	
<b>Objective 1: Measuring sustainability Room: Marstrand AB (1st floor)</b>		<b>Obj. 2&amp;3: Governance and stakeholder involvement Room: Västerhavet C</b>
	<b>Moderator: Annette Cowie Rapporteur: Thuy Mai-Moulin (11:00-14:45)</b>	<b>Moderator: Tat Smith Rapporteur: Daniela Thrän (11:00-14:45)</b>
11.00-11.30	Comparison of tools for assessing greenhouse gas emissions savings of biofuels. Presenter: Helena Chum (confirmed)	Trust and legitimacy in sustainability governance of bioenergy supply chains. Presenter: Maha Mansoor
11.30-11.55	How to analyse ecosystem services in landscapes. Presenter: Oskar Englund	Drivers and effectiveness of sustainability governance of agricultural crop production at EU level. Presenter: Niclas Scott Bentsen
11.55-12.20	Relating ecosystem Services to indicators of progress toward a sustainable bioeconomy Presenters: Virginia Dale and Keith Kline	Sustainability governance of agriculture-based bioeconomy in Canada. Presenter: Tat Smith for Charles Lalonde/Maria Wellisch
12.20-12.45	Delphi survey approach for the identification of sustainability indicators and environmental impacts of forest biomass harvesting for a biorefinery: Case study in Québec. Presenter: Ichrak Lakhthar	Incorporating policy, market and technology in sustainability governance of agriculture-based biofuel and bioeconomic development in the US. Presenter: Jian Gan
12.45-13.45	Lunch	
13.45-14.45	Discussion: possibilities and limitations of a global harmonized framework to assess sustainability of biobased production. <b>Commenter: Horst Fehrenbach</b>	Discussion: governance of sustainability of agri-based bioenergy and the bioeconomy. <b>Commenter: Patrick Lamers</b>
	<b>Moderator: Uwe Fritsche Rapporteur: Annette Cowie</b>	<b>Moderator: Hans Langeveld Rapporteur: Inge Stupak</b>
14.45-15.15	Assessing the climate effects of forest bioenergy systems: Swedish case study. Presenter: Olivia Cintas	Bridging ecosystem services and sustainable bioenergy indicators in agricultural landscape with stakeholders Presenters: Keith Kline and Virginia Dale
15.15-15.45	Assessing climate effects of forest bioenergy systems: A Canadian case study of unloved wood. Presenter: Evelyn Thiffault	Modeling improvements in sustainability of corn stove removal and through energy crop integration into agricultural landscapes. Presenter: Shyam Nair
15.45-16.15	Coffee	
16.15-17.00	Discussion: Results and methodology approaches in the Swedish and Canadian case studies. <b>Commenters: Jeffrey Skeer &amp; Helena Chum</b>	Discussion on documentation and perceptions of sustainability of agri-based bioenergy in the US. <b>Commenter: To be announced</b>
17.00-18.00	Report back from sessions and discussion of findings <b>Room: Västerhavet C Moderator: Martin Junginger Rapporteur: Luc Pelkmans</b>	
19:00	Dinner at the Radisson (at own expense)	

## Friday 19 May 2017

Objective 1: Measuring sustainability		Obj. 2&3: Governance and stakeholder involvement	
08.15-09.00	<b>Room: Marstrand AB</b>  General discussion on methodologies to assess the climate effects of bioenergy systems.  <b>Moderator: Göran Berndes</b> <b>Rapporteur: Uwe Fritsche</b>	<b>Room: Trubaduren</b>  Sustainability governance and role of stakeholders in the different market phases of biogas development in Germany with a view to other countries. Presenters: Kay Schaubach and Daniela Thrän.  <b>Moderator: Inge Stupak</b> <b>Rapporteur: Thuy Mai-Moulin</b>	<b>Room: Västerhavet C</b>  Role of stakeholders' perceptions for bioenergy sustainability: Case of forest biorefinery in La Tuque, Quebec. Presenters: Evelyne Thiffault, Léonard Nkuzimana, Biljana Kulišić and Patrice Mangin.  <b>Moderator: Martin Junginger</b> <b>Rapporteur: Maha Mansour</b>
09.00-09.30	<b>Commenter: Richard Peberdy</b>	Discussion of governance and perceptions of sustainability of biogas. <b>Commenters: Heinz Stichnote and Hans Langeveld</b>	<b>Commenter: Ioannis Dimitriou</b>
09.30-10.00	Coffee		
	<b>Room: Västerhavet C</b> <b>Moderator: Kees Kwant, Rapporteur: Ioannis Dimitriou</b>		
10.00-10.30	Linking measurement and governance: wood pellets from the southeastern United States. Presenters: Virginia Dale, Keith Kline, Don Hodges, & Neelam Poudyal		
10.30-11.00	Measuring, Documenting, and Communicating the Sustainability of Supply Chains within the Wood Pellet Industry of the Southeast U.S. Presenter: Brian Kittler		
11.00-11.30	Governance of sustainable forest management and bioenergy in Ontario. Presenter: Tat Smith		
11.30-11.45	Coffee		
11.45-12.30	Discussion of governance and perceptions of sustainability of forest-based bioenergy. <b>Commenters: Kristen Johnson &amp; James Griffith</b>		
12.30-13.30	Lunch		
13.30-14.30	Positions of supranational stakeholders from agricultural, forestry and biogas sectors. <b>Presenter: Thuy Mai Moulin. Moderator: Martin Junginger.</b> <b>Rapporteur: Keith Kline Commenter: Catharina Ringborg</b>		
14.30-15.30	Roundtable. participants: Kristen Johnson (US DOE); Kees Kwant (IEA Bioenergy), Richard Peberdy (Drax), Patrice Mangin (La Tuque Biorefinery), James Griffiths (independent expert). <b>Moderator: Uwe Fritsche; Rapporteur: Inge Stupak</b>		
15.30-16.00	Workshop conclusions and closing. <b>Presenter: Martin Junginger</b>		