

IEA Bioenergy

DEVELOPING SUSTAINABLE TRADE IN BIONERGY

ExCo 65, Nara, Japan
12 May 2010

*Facilitating commercialisation and
market deployment of environmentally
sound, sustainable and cost-competitive
bioenergy technologies.....*

IEA Bioenergy.....

- Provides an international forum for sharing information and developing best practice on
 - Technology development
 - Non-technical barriers and issues
 - Regulatory and legislative issues
- Produces authoritative information on key strategic issues affecting deployment
- Currently 22 Member Countries plus the EC
- 12 Tasks covering aspects of production and conversion of bioenergy, plus socioeconomic, environment and trade issues

IEA Bioenergy Workshop Series.....

- *ExCo53, May 2004: Strategic Workshop*
- *ExCo54, October 2004: Liquid Biofuels from Black Liquor Gasification*
- *ExCo55, May 2005: Co-utilisation of Biomass with Fossil Fuels.*
- *ExCo56, October 2005: Integrated Waste Management and Utilisation of the Products.*
- *ExCo57, May 2006: Planning for the New Triennium.*
- *ExCo58, October 2006: Availability of Biomass Resources.*
- *ExCo59, April 2007: The Biorefinery Concept.*
- *ExCo60, October 2007: Innovation in the Field of Bioenergy Business Development.*
- *ExCo61, May 2008: Biofuels for Transport – Part of a Sustainable Future?*
- *ExCo62, October 2008: Planning for the New Triennium.*
- *ExCo63, May 2009: Bioenergy – The Impact of Indirect Land Use Change.*
- *ExCo64, October 2009: Algae – the Future for Bioenergy*
- **ExCo 65 May 2010; Developing Sustainable Trade in Bioenergy**

Workshop Programme

Session 1 – Overview and Scene Setting

Session 2 – Trade in Solid Biofuels

Session 3 – Trade in Liquid Biofuels

Session 4 – Sustainability and Trade

Session 5 – Discussion and Conclusions

Questions to be Answered

- What are regional supply potentials, particularly for Asia Pacific Region?
- What are current trade flows?
- What is the long term prospect for traded biomass (or will indigenous markets for the fuels develop)?
- Are supplies sustainable?
- Are there significant barriers holding back market development?
- What role can IEA Bioenergy best play?

Workshop– Session 1 (0900-1030)

Overview and Scene Setting

Facilitator – Yves Schenkel

1. Overview of World Bioenergy Trade and Work of Task 40 – Kees Kwant
2. Overview of Market Developments in Asia – Mr Shigeru Kimura, Institute of Energy Economics, Japan
3. Panel Discussion

Workshop Session 2 (1100-1230)

Trade in Solid Biofuels

Facilitator – Steve Schuck

1. International Supply of Solid Biomass – Mr David Smith, Willmott Forests, Australia
2. Solid Biomass in Japan, Mr Ken'ichiro Kojima, Pellet Club, Japan.
3. Panel Discussion

Workshop Session 3 (1330-1500)

Trade in Liquid Biofuels

Facilitator – Sandra Hermle

1. Overview of ethanol Trade in Asia – Mr Shigeru Takemura, Ginga Petroleum
2. Palm Oil as a Feedstock for Biodiesel: Production and Exports from Malaysia, Dr Puah Chiew Wei, MPOB, Malaysia
3. Panel Discussion

Workshop Session 4 (1530-1700)

Sustainability Developments and Trade

Facilitator – Tat Smith

- 1.Sustainable Biomass Utilisation in East Asia - Dr Tomoko Konishi, AIST, Japan
- 2.Sustainability and Other Issues Influencing Trade – Dr Andre Faaij, Task Leader Task 40, NL
- 3.Panel Discussion

Workshop Session 5 (1700-1730)

Discussion and Conclusions

Session 1 – Yves Schenkel

Session 2 – Steve Schuck

Session 3 – Sandra Hermle

Session 4 – Tat Smith