

IEA Bioenergy

Bioenergy – The Impact of Indirect Land Use Change

Rotterdam, 12 May 2009

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

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IEA Bioenergy

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

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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.

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Workshop Programme

Session 1 – How Significant could the Environmental and Social Impacts of Indirect Land Use Change due to bioenergy feedstock production be?

Session 2 – What Tools and Methodologies are Available for Monitoring ILUC? What are the main technical uncertainties?

Session 3 – How do we assess the impacts of ILUC?

Session 4 – What policy approaches which take account of ILUC are being developed?

Session 5 – Discussion and Conclusions

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Workshop– Session 1 (0900-1030)

What Could be the Impacts of Indirect Land Use due to Bioenergy Production?

Facilitator – Neil Bird

1. Overview and IEA Bioenergy Projects – Neil Bird, Leader IEA Bioenergy Task 38, Austria
2. Physical Effects of ILUC - Jeremy Woods, Imperial College, London, UK
3. Effect of Land Use change on Biodiversity and Livelihoods - Danielle de Nie, IUCN , Netherlands
4. Panel Discussion

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Workshop Session 2 (1100-1230)

What Tools and Methodologies are Available for monitoring and evaluation of ILUC?

Facilitator – Yves Schenkel

1. Bioenergy and land use: background drivers, marginal effects and analytical options - Jan Erik Petersen, European Environment Agency, Denmark
2. Evaluating the Impacts of ILUC - Bas Eickhout Netherlands Environmental Assessment Agency (PBL), Netherlands
3. Comparison of Available Models - Peter Witzke, Eurocare, Germany
4. Panel Discussion

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Workshop Session 3 (1330-150)

How do we Assess the Impacts of ILUC?

Facilitator – Birger Kerckow

1. Assessing land uses and possible sustainable transition paths to biofuels development Richard Nelson, KSU College of Engineering, USA

2. The iLUC Factor: A Simplified Approach to Assess GHG Implications of Indirect Land Use Change from Bioenergy - Uwe R Fritsche, Coordinator, Energy & Climate Division, Oeko-Institut (Institute for Applied Ecology), Germany

3. ILUC in the Bioenergy Sector – a view from Brazil, Emmanuel Desplechin, UNICA Brazil

4. Panel Discussion

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Workshop Session 4 (1530-1700)

What Approaches to Legislation or Regulation which Take Account of ILUC are being developed?

Facilitator – Kees Kwant

1. Approaches to Dealing with Indirect Land Use Change - Charlotte Opal, Roundtable for Sustainable Biofuels, EPFL, Switzerland

2. An EU Perspective: Paul Hodson, European Commission, Belgium

3. The Californian Low Carbon Fuel Standard and ILUC - John Curtis, Air Resources Board, California, USA

4. Panel Discussion

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Workshop Session 5 (1700-1730)

Discussion and Conclusions

Session 1 – Neil Bird

Session 2 – Yves Schenkel

Session 3 – Birger Kerckow

Session 4 – Kees Kwant