



In cooperation with



IEA Bioenergy



Workshop: Spotlight on Bioenergy and Water

July 5th – 6th, 2010 in Paris

Objectives:

- Shed further light on the bioenergy and water nexus by discussing status quo, exchanging experiences and identifying needs for further research
- Develop a detailed outline and milestones for a report on bioenergy and water to which participants to the workshop would make a contribution in the follow up to the workshop

Draft Agenda

DAY I

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| 10:00 – 10:30 | Registration and welcoming coffee |
| 10:30 – 12:30 | Setting the scene - Welcome and introduction to the bioenergy & water nexus (<i>Session Chair: Martina Otto</i>) <ul style="list-style-type: none">o Welcome and opening remarks (<i>Martina Otto, UNEP and Uwe R. Fritsche, Oeko Institut</i>)o Introduction of participants (<i>All participants</i>)o Introduction to the topic:<ul style="list-style-type: none">• Bioenergy & water nexus – a developing country perspective (<i>Graham Jewitt, University of Kwazulu Natal</i>)• Bioenergy & water nexus – a view from the IEA Bioenergy Task 43 (<i>Göran Berndes, Chalmers University</i>)o Introduction to the operating modalities of the workshop and working groups (<i>Session Chair</i>) |
| 12:30 – 13:30 | Lunch break (<i>light snacks will be available</i>) |

- 13:30 – 14:30 **Setting the system boundaries** - System boundaries of the analysis of bioenergy production and related positive and negative impacts on water (relevant to both, the intensity/efficiency and water quality debate)
(Session chair: Uwe Fritsche, Oeko-Institut; Rapporteur: Anselm Eisentraut, IEA)
Kevin Fingerman, University of California Berkeley (lead author) – 10 min (spelling out ideas/thoughts as to what should be covered in the relevant report chapter and highlighting issues that require additional discussion/research)
- Shabbir Gheewala, JGSEE Thailand - 10min
 - Pim Vugteveen, IUCN Netherlands – 10 min
 - Discussion – 30 min
- 14:30 – 15:15 Working session (in two parallel working groups – 1 & 2) on system boundaries related issues
 WG 1 *(Session chair: Uwe Fritsche, Oeko-Institut; Rapporteur: Anselm Eisentraut, IEA)*
 WG 2 *(WG Chair: Kevin Fingerman, University of California; Rapporteur: Pim Vugteveen, IUCN)*
- 15:15 – 15:45 Report back to the plenum, discussion *(Session Chair)*
- 15:45 – 16:15 Coffee break
- 16:15 – 17:45 **Good management of bioenergy related water impacts** – Means to achieving good management of bioenergy related water impacts will be discussed in two working groups
- Working group 3: The role of policy formulation and instruments for the management of bioenergy related water impacts
(WG Chair: Martina Otto, UNEP; Rapporteur: Rocio Diaz-Chavez, Imperial College UK)
Márcia Moraes, Universidade Federal de Pernambuco (lead author) -10 min (spelling out ideas/thoughts as to what should be covered in the relevant report chapter and highlighting issues that require additional discussion/research)
- Water in the FAO BEFS Peru Country Study; Cayo Ramos, Universidad Nacional Agraria La Molina – 10 min
 - Bioenergy and Water in South Africa: The Biofuel Policy Paper; Graham Jewitt, University of Kwazulu Natal – 10 min
 - Discussion – 60 min
- Working group 4: The role of water in sustainability criteria, indicators and certification schemes for bioenergy
(WG Chair: Sebastian Haye, RSB; Rapporteur: Klaus Hennenberg, Oeko-Institut)

- Water in the GBEP Criteria and Indicator process; [Horst Fehrenbach, IFEU \(lead author\) \(presented by Jerome Malavelle, UNEP\)](#) – 10 min
(spelling out ideas/thoughts as to what should be covered in the relevant report chapter and highlighting issues that require additional discussion/research)
 - A bottom-up view: How to “measure” water indicators? [Shah Yacob, AARSB Malaysia](#) - 10 min
 - [Richard Perkins, WWF UK \(presented by Stuart Orr, WWF International\)](#) – 10 min
 - Discussion – 60 min
- 17:45 – 18:15 Report back to the plenum, discussion (*Session Chair: Martina Otto, UNEP*)
- 18:15 – 18:30 Closure of day I
- 20:00 Joint dinner at the typical Parisian restaurant “A la Pomponnette”

DAY II

- 9:00 – 10:30 **Analysing the bioenergy & water nexus** – Issues related to analysing the bioenergy & water nexus will be discussed in two parallel working groups

Working Group 5: Water use intensity/efficiency

This working group will discuss issues relevant to the analysis of water use intensity/efficiency along the bioenergy supply chain, taking into account the variability between different types of crops, agriculture management systems and conversion technologies as well as related positive and negative impacts.

(WG Chair: Arnaldo Walter, UNICAMP; Rapporteur: Briana Sapp, PANGEA)

- [Sonia Yeh, University of California Davis \(lead author\)](#) - 10min
(spelling out ideas/thoughts as to what should be covered in the relevant report chapter and highlighting issues that require additional discussion/research)
- [Jean-Francois Bonnet, Université de Bordeaux](#) – 10min
- [Suhas Wani, ICRISAT India](#) - 10min
(zooming in on an area that requires further debate)
- Discussion – 60 min

Working group 6: Bioenergy related impacts on water availability and quality

- [Jürgen Unfried, University of the Philippines/Kasla](#) – 10min

- (zooming in on an area that requires further debate)
 - Rocio Diaz-Chavez, Imperial College/Winrock (lead author) – 10min
 - Chrystelle Verhoest, Laborelec – 10min
 - Discussion – 60 min
- 10:30 – 11:00 Report back to the plenum, discussion (*Session Chair: Ignacio Gavilan, BP*)
- 11:00 – 11:30 Coffee break
- 11:30 – 12:00 **Identifying open issues that need to be addressed**, and intro to the day's WGs (*Session Chair: Göran Berndes, Chalmers University*)
- 12:00 – 13:00 Working session (in two parallel working groups – 7 & 8) on outstanding issues as defined by the group. Possible topics may be:
 - The role of analytical and policy tools in achieving sustainable bioenergy development with regard to water
 - Lessons learned and best practices from country/region experiences towards sustainable bioenergy and water
 - Key lessons from the bioenergy and water policy discussions
- 13:00 – 13:30 Report back to the plenum, discussion (*Session Chair*)
- 13:30 – 14:30 Lunch break (*light snacks will be available*)
- 14:30 – 16:00 **The Way Ahead - Steps towards a report that serves as a reference document on the bioenergy and water nexus?**
(*Session Chair: Martina Otto, UNEP and Uwe Fritsche, Oeko-Institute*)

Defining milestones for each of the drafting teams & development of recommendations - collection, summary and further elaborations on the intermediary recommendations and conclusions for each of the chapters
 - Preserving and sharing the resource: informed planning and effective monitoring
 - Better agricultural and conversion practices for water conservation
 - The least water intensive pathways the greater development benefits
 - Lessons learned and best practices from country/region experiences towards sustainable bioenergy and water
 - Key lessons from the bioenergy and water policy discussions
- 16:00 – 16:30 Closure of the workshop – summarising the outcomes and next steps (*Session Chair*)
- 16:30 Coffee