



## Workshop: Spotlight on Bioenergy and Water

April 20<sup>th</sup> – 21<sup>st</sup>, 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

10.30 – 12.30

**Setting the scene** - Welcome and introduction to the bioenergy & water nexus (*Session Chair: Martina Otto*)

- Welcome and opening remarks  
(*Martina Otto, UNEP and Uwe R. Fritsche, Oeko Institut*)
- Introduction of participants  
(*All participants*)
- Introduction to the topic:
  - Bioenergy & water nexus – a developing country perspective (*Graham Jewitt, University of Kwazulu Natal*)
  - Bioenergy & water nexus – a view from the IEA  
(*Göran Berndes, Chalmers University – to be confirmed!*)
- Introduction to the operating modalities of the workshop and working groups (*Session Chair*)

- 12.30 – 13.30 Lunch
- 13.30 – 15.00 **Analysing the bioenergy & water nexus** – Issues relevant to analysing the bioenergy and water nexus will be discussed in two working groups
- Working Group 1 - 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.  
*(WG Chair: Arnaldo Walter, UNICAMP Brazil; Rapporteur: Briana Sapp, PANGEA)*
    - *Upali Amarasinghe, IWMI India (coordinating 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)*
    - *Jippe Hoogeveen, FAO – to be confirmed! – 10min*
    - *Suhas Wani, ICRISAT - 10min*  
*or Ganesh Pangare, IUCN Thailand (zooming in on an area that requires further debate)*
    - Discussion – 60 min
  - Working Group 2 - system boundaries  
 This working group will focus on system boundaries of the analysis of bioenergy production and related impacts on water (relevant to both, the intensity/efficiency and water quality debate)  
*(WG Chair: Uwe Fritsche, Oeko-Institut; Rapporteur: Jerome Malavelle, UNEP)*
    - *Kevin Fingerman, Berkeley University (coordinating author) – 10 min*
    - *Shabbir Gheewala, JGSEE (Thailand) - 10min*
    - *Dorothea August, WWF – 10 min*
    - Discussion – 60 min
- 15.00 – 15.30 Report back to the plenum, discussion *(Session Chair: Nadine McCormick, IUCN)*
- 15.30 – 16.00 Coffee break

- 16.00 – 17.30      **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: Punjanit Leagnavar, UNEP*)
    - Márcia de Moraes, Universidade Federal de Pernambuco (Brazil) (coordinating author) -10 min
    - Water in the FAO BEFS Peru Country Study; Cayo Ramos (Peru) – 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, coordinating author) – 10 min
    - A bottom-up view: How to “measure” water indicators? NN, RSPO Malaysia/Indonesia – to be confirmed! - 10 min
    - NN, Winrock or NN, BSI – to be confirmed! – 10 min
    - Discussion – 60 min
- 17.30 – 18.00      Report back to the plenum, discussion (*Session Chair: NN, NN*)
- 18.00 – 18.15      Closure of day II

## DAY II

- 9.00 – 10.00      **Identifying open issues that need to be addressed**, and intro to the day’s WGs (*Session Chair: NN, NN*)
- 10.00 – 10.15      Coffee break
- 10.15 – 11.45      Working session (in two working groups) 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
  - ...
- 11.45 – 12.30 Report back to the plenum, discussion (*Session Chair*)
- 12.30 – 13.30 Lunch break
- 13.30 – 14.30 **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)*
- 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
  - ...
- 14.30 – 15.00 Coffee break
- 15.00 – 16.00 The Way Ahead – defining milestones for each of the drafting teams (*Coordinating authors to Session Chair*)
- 16.00 - 16.30 Closure of the workshop – summarising the outcomes and next steps (*Session Chair*)