

**GBEP Working Group on Capacity Building
for Sustainable Bioenergy (WGCB)
Activity Group 6 - “Bioenergy and Water”**

Event on “Bioenergy, water and SDG implementation: experiences and linkages”

World Water Week 2017
Stockholm, 31 August 2017

AGENDA

The Global Bioenergy Partnership (GBEP) brings together public, private and civil society stakeholders in a joint commitment to promote bioenergy for sustainable development. GBEP Activity Group 6 (“Bioenergy and Water”) aims to identify and disseminate ways of integrating bioenergy systems into agricultural and forested landscapes for improving sustainable management of water resources, including waste water. This includes sharing knowledge and experiences on landscape identification and design, best management practices, as well as on policies and instruments supporting bioenergy implementation that contributes positively to the state of water. With the support of the IEA as a GBEP partner, IEA Bioenergy Task 43, assisted by Task 40, is co-chairing the Activity Group and contributing to the work defined in the workplan.

The event will include the dissemination and discussion of outcomes from an initiative to collect examples of positive bioenergy and water linkages. This collection showcases innovative examples of how bioenergy systems - in both the feedstock production and conversion phases - can produce positive impacts on the status of water. The examples that have been documented so far cover a wide range of geographic locations, feedstocks, bioenergy pathways and practices. They come from 11 countries across six continents: Argentina, Australia, Brazil, China, Egypt, Germany, Italy, Mexico, Paraguay, South Africa and the United States of America. Each example includes qualitative and/or quantitative data on the positive impacts on water quality and availability, biomass/bioenergy production as well as any possible co-benefits that were observed.

The event will build on an integrative understanding of bioenergy and water, aiming to contribute to SDG implementation. Selected positive examples will be presented together with learning from activities addressing linkages between SDGs and the GBEP Sustainability Indicators, which are intended to guide analysis undertaken of bioenergy at the domestic level with a view to informing decision making and facilitating the sustainable development of bioenergy in a manner consistent with multilateral trade.

In collaboration with:

31 August 2017, Thursday

- 09.00 – 09.10** **Introduction to the work of GBEP and the Sustainability Indicators -
Links between SDGs and GBEP Sustainability Indicators**
Uwe Fritsche, IEA Bioenergy
- 09.10 – 09.20** **Introduction to the work of Activity Group 6 on Bioenergy and Water and
Publication on “Examples of Positive Bioenergy and Water Relationships”**
Göran Berndes, IEA Bioenergy and Chalmers University of Technology
- 09.20 – 10:00** **Case studies on Positive Bioenergy and Water Relationships**
Ronald S. Zalesny Jr., USDA Forest Service
Ioannis Dimitriou, Swedish University of Agriculture Sciences
- 10.00 – 10.10** **The experience of the Stockholm Environment Institute (SEI)**
Louise Karlberg, Stockholm Environment Institute
- 10.10 – 10.30** **Interactive Discussion**
Moderator: *Uwe Fritsche, IEA Bioenergy*