



IEA Bioenergy
Technology Collaboration Programme

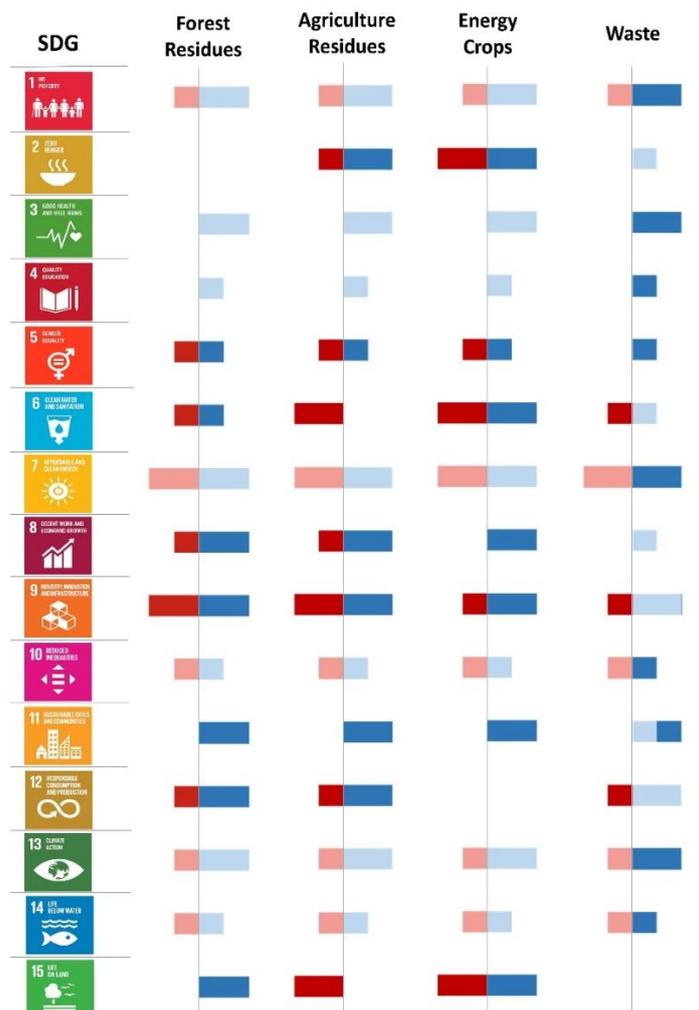


Workshop Announcement

IEA Bioenergy, in collaboration with GBEP

How can biomass supply for bioenergy deliver multiple benefits and contribute to sustainable development goals?

Online, June 15-16, 2021 13:30-17:30 CEST (each day)



Interactions with SDGs from Blair et al. (2021): bioenergy use (light), biomass supply (dark)

PRACTICAL INFORMATION

Date & Timing: June 15th and 16th, 13:30 - 17:30 CEST each day

Meeting location: Online (Zoom)

Registration: on-invitation event / registration link sent directly to participants

More information: <https://www.ieabioenergy.com/blog/ieaevent/expert-workshop-how-can-biomass-supply-for-bioenergy-deliver-multiple-benefits-and-contribute-to-sustainable-development-goals/>

INTRODUCTION

Bioenergy is currently the largest source of renewable energy and is predicted to increase significantly as countries continue to look for low-carbon fuel alternatives. Increasing demand for bioenergy will necessitate a significant increase in the amount of biomass sustainably procured, which is expected to come from a variety of sources.

Meanwhile, the United Nations (UN) Sustainable Development Goals (SDGs) were adopted by all UN Member States in 2015 to achieve the UN's 2030 Agenda for Sustainable Development. They serve as a comprehensive framework to guide national and international development, embodying the importance of developing holistic policies that address environmental, social and economic priorities. Such an approach is of particular interest for the sustainable production of biomass for bioenergy or other bio-based products, as its growth, harvest, collection, storage, transport, processing and use can have positive or negative impacts on people, communities and ecosystems.

This workshop, hosted as part of the IEA Bioenergy strategic inter-task project on the role of bioenergy in a well-below two degrees (WB2) and SDG world, will examine how biomass supply for bioenergy can contribute to SDGs beyond renewable energy supply and provide multiple co-benefits. The workshop will focus on the relationships between the SDGs and different biomass supply chains and regions, while sharing best practice case studies from around the world. The workshop will also build on these case studies to situate discussions between participants on how governance can further contribute to ensuring the sustainability of biomass supply chains and contributions to the SDGs.

To facilitate remote attendance the online workshop will occur over two half-days:

Day 1: Relationship between biomass supply chains and the SDGs

Day 2: Best practices and governance to enhance co-benefits and contributions to the SDGs

OBJECTIVES

- Explore the relative importance of SDGs for biomass supply chains and how this can differ between geographies and biomass types.
- Share best practices where biomass supply for bioenergy have been shown to provide multiple benefits.
- Propose preliminary recommendations on how governance can further drive contribution of biomass supply chains to sustainable development goals.

Presentations, as well as the workshop report, will be made available on the IEA Bioenergy website. The workshop, including breakout sessions, will be recorded to facilitate the preparation of the workshop report.

PROGRAMME

Day 1 - June 15th 13:30-17:30 CEST

13:30 - 13:45	Introduction <ul style="list-style-type: none"> Opening remarks, objectives and program of the workshop: Biljana Kulišić, EIHP Overview of the IEA Bioenergy WB2/SDG inter-task project: Göran Berndes, IEA Bioenergy
13:45 - 15:00	SDGs and biomass supply chains <ul style="list-style-type: none"> Nature-based solutions, biomass supply and SDGs: Henry Neufeldt, UNEP DTU Partnership Bioeconomy development and biomass sustainability: Jim Philp, OECD Global Bioenergy Partnership (GBEP) Sustainability Indicators for Bioenergy: Constance Miller, GBEP Biofuture Platform principles: Andrea Rossi, Biofuture Platform Facilitation Team SDG implementation and biomass supply: Luisa Marelli, EC JRC Overview of contributions of biomass supply to SDGs: Jean Blair, NRCan
15:00 - 15:10	Health break
15:10 - 16:10	Work session in breakout groups Identification and prioritization of SDG interactions vis-à-vis biomass by supply chain
16:10 - 16:30	Summary from breakout groups in plenary
16:30 - 17:25	Panel discussion How do SDGs help sustainably expand biomass supply for bioenergy and the bioeconomy? Moderator: Uwe Fritsche, IEA Bioenergy
17:25 - 17:30	Closing remarks: Biljana Kulišić, EIHP

Day 2 - June 16th 13:30-17:30 CEST

13:30 - 13:40	Introduction <ul style="list-style-type: none"> Recap of day 1 and program for day 2: Biljana Kulišić, EIHP
13:40 - 14:50	Global and national case studies <ul style="list-style-type: none"> Beneficial land use change in Europe: Oskar Englund, Mid Sweden University Bioenergy and land degradation neutrality: Barron Joseph Orr, UNCCD Effects of the Southeastern USA woody pellet supply chain on SDGs: Keith Kline, Oak Ridge National Laboratory BiogasDoneRight: Guido Bezzi, CIB
14:50 - 15:00	Health break
15:00 - 16:10	Work session in breakout groups Group discussions on best practices and governance to enhance co-benefits from biomass supply preceded by local and regional case studies: <ul style="list-style-type: none"> Use of invasive species in South Africa for bioenergy: Floor van der Hilst, Utrecht University Disrupting highly contested intensive agriculture by changing to grass and legume production for biorefineries: Uffe Jörgensen, Aarhus University Biomass supply for bioheat in remote northern Indigenous communities: Cara Sanders, Askii Environmental Biogas and fertiliser production from agricultural waste: Christian Colindres, Grupo Central Agrícola Agro-forestry practices using Gliricidia in Sri Lanka: Lucky Dissanayake, Biomass Group / Biomass Supplies
16:10 - 16:30	Summary from breakout groups in plenary
16:30 - 17:20	Panel discussion How can bioenergy and bioeconomy governance frameworks support the implementation of the SDGs? Moderator: Martin Junginger, Utrecht University, SBP Standards Committee
17:20 - 17:30	Closing remarks: Biljana Kulišić, EIHP

