



ETIP *Bioenergy*
European Technology and Innovation Platform

**The indispensable role of bioenergy and
renewable fuels in the Green Transition**

10th Stakeholder Plenary Meeting

**16-17-18 November 2021
online**

10th Stakeholder Plenary Meeting, ETIP Bioenergy

16-18 November 2021 | online

The ETIP Bioenergy will be holding its 10th Stakeholder Plenary Meeting from 16-18 November 2021 online.

The event will start on 16 November with a session on “**Renewable Fuels and their market readiness**” that will focus on the **aviation** and **maritime** sectors. The aim is to address the market perspective from the point of view of technological readiness and capacity expansion potential of both sectors.

As part of session 2 on 17 November, the **latest trends in advanced bioenergy technologies** will be demonstrated. This will cover topics such as new products from **lignocellulosic sugars**, upgrading of biocrude from hydrothermal liquefaction and biomass to liquid processing via Fischer-Tropsch synthesis.

Challenges and possible solutions for broadening the **sustainable biomass feedstock** base for Europe will be addressed during session 3 on 18 November. Among others, this will include discussions on the impacts of the REDIII on the provision of biomass for energy use from agriculture and the forestry sector. The conference will be closed by a panel discussion in the afternoon on 18 November, which will take a look at the contribution that bioenergy in Europe should make in view of the Fit for 55 package and the Green Deal.

Registration

The event will take place as an online event via Webex from 16-18 November 2021.

[Register here](#)

After completing the online registration, we will provide you with the dial-in data via e-mail in due time at the beginning of November.

Participation is free of charge.

The Agency of Renewable Resources e.V. (FNR) is responsible for the coordination of the event. If you have any questions, please contact Mr Thies Fellenberg (Tel.: +49 3843 6930-177, t.fellenberg@fnr.de).

DAY 1 | 16 NOVEMBER 2021

 10:00 - 12:00

Welcome & Introduction

10:00 - 10:10

Patrik Klintbom

Chair Steering Committee ETIP Bioenergy

EU Research & Innovation Policy on Renewable Fuels and Bioenergy

10:10 - 10:30

Maria Georgiadou

EC DG RTD

MODERATION

Philippe Marchand

Biofuels expert

Session 1 – Renewable Fuels and their market readiness

10:30 - 12:00

The focus will be on the aviation and maritime sectors. The market perspective from the point of view of technological readiness and capacity building potential of both sectors will be addressed.

MODERATION

Karlijn Arts

SkyNRG

Aviation

1. Proposed regulation and volume expectations, following the ReFuelEU Aviation activities

Grégoire Le Comte

EC DG MOVE

2. Market demand and competitiveness

Ruben Alblas

KLM

3. SAFRAN: An OEM vision of the deployment of SAF (sustainable aviation fuels) and low carbon fuels

Nicolas Jeuland

Safran

DAY 1 | 16 NOVEMBER 2021

 10:00 - 12:00

MODERATION

Philippe Marchand
Biofuels expert

Shipping

1. Proposed regulation and volume expectations, following the FuelEU Maritime activities
Torsten Klimke
EC DG MOVE
 2. Maersk's roadmap towards decarbonization and future marine fuels
Berit Hinnemann
Maersk
 3. Technological, Operational and Energy Pathways for Maritime Transport to Reduce Emissions Towards 2050
Tim Scarbrough
Ricardo
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Closing remarks

12:00

DAY 2 | 17 NOVEMBER 2021

 10:00 - 12:00

Session 2 – Overview on technology innovations

10:00 - 12:00

MODERATION

Dina Bacovsky

BEST – Bioenergy and Sustainable Technologies GmbH

Biorefinery Solutions for Conversion of lignocellulosic residues into Sugar, Lignin and Ethanol

Monica Normark

SEKAB

Upgrading of biocrude from hydrothermal liquefaction

Steven Gust

Consultant – Advanced Biofuels and Sustainability

Current state of co-processing with virgins oils and waste oils & fats (with challenges and solutions) and what it will take to co-process biocrudes

Sylvain Verdier

Haldor Topsoe

Biomass to liquid via FT – a brief review of recent developments

Sennai Mesfun

RISE

20-30 minutes panel discussion

Closing remarks

12:00

DAY 3 | 18 NOVEMBER 2021

 14:00 - 15:30

Session 3

Sustainable biomass feedstock base in Europe – Opportunities and challenges

MODERATION

Calliope Panoutsou
Imperial College London

Increasing crop productivity and cultivating crops in unused/marginal land: state of play and options to grow low ILUC risk feedstocks for biofuels

Calliope Panoutsou
Imperial College London

Perennial biomass crops for energy and for climate positive regenerative agriculture

Emiliano Maletta
Bioenergy Crops Ltd.

Cultivation and use of *Brassica carinata* for the production of biofuels
(experiences of UPM)

Marko Janhunen
UPM

Results from five years food and energy crop rotations: feedstock quantity and quality for advanced biofuels value chains.

Andrea Parenti
University of Bologna

30 minutes panel discussion

Coffee break

15:30 - 15:45

DAY 3 | 18 NOVEMBER 2021

 15:45 - 17:00

Session 4 – Panel Discussion The fast way forward & implementation barriers

MODERATION

Patrik Klintbom
Chair Steering Committee ETIP Bioenergy

PANELISTS

Maria Georgiadou
EC DG RTD

Eric Fee
EC DG ENER

Timo Ritonummi
Ministry of Economic Affairs and Employment of Finland, SET Plan IWG8

Christian Küchen
Wirtschaftsverband Fuels und Energie e.V. (en2x)

5 minutes short introductory statements and subsequent panel discussion

Closing remarks
17:00