

# Online Webinar

Monday 27 February 2023, 9:30 AM (CET)

## Prospects for Microbial Oil and lipid-based SAF in the evolving EU policy framework



# THE MUSIC PROJECT

**Intermediate Bioenergy Carriers (IBCs)** are densified biomass ‘energy’ – similar to coal and oil. IBCs are easier to store, transport and use than regular biomass.

In the **MUSIC project** ([www.music-h2020.eu/](http://www.music-h2020.eu/)) the market uptake of IBCs is facilitated, by developing feedstock mobilisation strategies, improved cost-effective logistics and trade centres.

Duration: Sep 2019 – Feb 2023 (42 months)

Budget: ca. 3M €

Pyrolysis oil



Torrefied biomass



Microbial oil



## PROJECT CONCEPT

**Accelerate the deployment of Aviation Biofuels, enabling commercial production. Supporting the accomplishment of pre-commercial plant(s) for advanced biofuels for aviation based on sustainable biomass feedstock.**

## PROJECT OBJECTIVES

- 1) To bring HEFA to full commercial scale in new plant using residual lipids (Used Cooking Oil - UCO);
- 2) To investigate alternative supply of sustainable feedstocks recovering EU MED marginal land for drought resistant crop production;
- 3) To test the entire chain and logistic at industrial scale and assess environmental performances.
- 4) Positive GHG and energy balance expected

### Project Partners



# WEBINAR SPEAKERS

- **Eng. Matteo Prussi, Ph.D.** Senior researcher, DENERG, POLITO  
*«The expected role of SAF in decarbonising international civil aviation»*
- **Eng. Giacomo Talluri**, Researcher, DENERG, POLITO & RE-CORD  
*«MUSIC: the Italian Strategic case study»*
- **Dr. Marco Masiero**, Biofuel and Next Generation Downstream, ENI  
*«ENI Ecofining™: turning low-ILUC agri-feedstock and organic waste into biofuels»*
- **Dr. Tommaso Barsali**, Senior agronomist, Agro-bio BU, RE-CORD  
*«BIO4A: Low-ILUC lipidic feedstock for HEFA process»*
- **Dr. Damiano Stefanucci**, biotechnologist, Agro-bio BU, RE-CORD  
*«BIO4A: Lipid waste feedstock for sustainable fuels: a market review»*



# WEBINAR PRACTICALITIES



- All attending participants should be muted



- The webinar will be recorded



- Questions can be raised through the chat; we will try to answer them after each presentation



- Presentation slides will be made available online through MUSIC website ([www.music-h2020.eu](http://www.music-h2020.eu))

