

FUELPHORIA Webinar

Catalytic and biological processes for biofuel production from sustainable feedstock

4 December 2025, 10.00 – 11.30 CET

Link for registration:

https://us06web.zoom.us/webinar/register/WN_MOGeYcqFR3ek3tYerwIAcQ

The second FUELPHORIA webinar will showcase the different conversion processes that characterize the four FUELPHORIA demo sites. FUELPHORIA innovative solutions in the production of advanced biofuels and RFNBOs cover the entire spectrum from feedstock pre-treatment to the synthesis of valuable end-products.

FUELPHORIA partners will provide an overview of the conversion pathways foreseen in each demo, highlighting current activities, providing preliminary insights from laboratory scale results and discussing the challenges in the upscale of the different technologies.

10.00 – 10.05	Introduction and housekeeping <i>Piero Valmassoi, Greenovate! Europe</i>
10.05 – 10.15	Introduction to the FUELPHORIA project <i>Kostis Atsonios, CERTH</i>
10.15 – 10.30	Demo 1 (Belgium) – Production of advanced biofuels from biogenic CO₂ via a 2-stage fermentation process <i>Stefano Rebecchi, Bio Base Europe Pilot Plant (BBEPP)</i>
10.30 – 10.45	Demo 2 (Spain) – Production of methane from biogenic CO₂ and green hydrogen <i>Sergio Iglesias Vazquez, CIRCE</i>
10.45 – 11.05	Demo 3 (Greece) – Sustainable valorization of digestate for biodiesel production through microalgae <i>Petros Samaras, International Hellenic University</i>
11.05 – 11.20	Demo 4 (Spain) – Bioethanol and e-methanol production from organic urban waste <i>Marcos Latorre, PERSEO</i>
11.20 – 11.30	Questions from the audience
11.30	Closing <i>Kostis Atsonios, CERTH</i>