



## JOINT SYMPOSIUM

### From Waste to Sustainable Fuels

*Comprehensive Sustainability Assessment & Product Standardisation in Next-Generation Biofuel Pathways: Integrating Waste-to-Fuel Innovations for Hard-to-Abate Sectors*

28-29 May 2026, Barcelona (ES)

[Hotel H10 ART GALLERY](#), Enric Granados, 62-64, 08008 - Eixample, Barcelona

THURSDAY 28 <sup>th</sup> OF MAY	
9 am	Registration & welcome coffee
9.30 – 9.45 am	Introduction: Clustering Activities: Towards a Joint Symposium
9.45 – 10.15 am	<b>Carbon, climate, and cost performance of Biofuels in the Nordic context</b> <i>Sennai Mesfun, Senior Researcher at RISE &amp; Emil Hed, Research and Development Engineer at RISE (Bio-MeGaFuel project)</i>
10.15 – 10.45 am	<b>Life Cycle Sustainability Assessment of the Early-Stage Biofuel System of FLEXBY</b> <i>Shravya Hebbur Murali, Sustainability Consultant and Researcher at GreenDelta (Flexby project)</i>
10.45 – 11.15 am	Coffee break & networking
11.15 – 11.45 am	<b>Applying Circular Economy Principles to BeBOP – From Qualitative Strategies to Quantitative Circularity Indicators</b> <i>Stephan Schmidt, Circular Economy, Environmental Assessment at ECODESIGN &amp; Giulio Guandalini (online) POLIMI, Project Scientific Coordinator (BeBOP project)</i>
11.45 – 12.15 pm	<b>Biofuel Production Value Chain: GHG Emissions and Techno-Economic Assessment of Potential Side Streams Valorisation Processes</b> <i>Konstantinos Stergiou, Chemical Engineer at AristEng (FUEL-UP project)</i>
12.15 – 12.45 pm	<b>The Global Sustainability Score</b> <i>Ana García Moral, Sustainability Reasercher at University of Burgos and Eduard Borràs, Area Manager at LEITAT &amp; Fuels-C Project Coordinator (Fuels-C project)</i>
12.45 – 1.45 pm	Lunch break
1.45 – 2.15 pm	<b>Using Artificial Intelligence to Assess Forest and Agricultural Biomass in Solar-Powered Biorefinery Plants</b> <i>Erico Kutchartt, Researcher Landscape Dynamics and Biodiversity at Center of Forest Science and Technology of Catalonia (PYSOLO project)</i>
2.15 – 2.45 pm	<b>Development of compost heat recovery systems (CHRSs) within the TEAPOTS project</b> <i>Anran Li, Postdoc researcher at Wageningen University (TEAPOTS project)</i>
2.45 – 3.15 pm	<b>From Specification Barriers to Qualified Fuels: Challenges and Strategies for Navigating ASTM Requirements in SAF Projects</b> <i>Uwe Bauder, group lead at The German Aerospace Center (DLR) (FUEL-UP project)</i>
3.15 – 3.45 pm	Coffee break
3.45 – 5.00 pm	<b>Panel discussion on “Aligning LCA Methodology for (Bio)Fuels: From Standards to Advanced Considerations”, moderated by Thomas Schaubroeck, Lead Researcher - Sustainability expert at Luxembourg Institute of Science and Technology (LIST) (FUEL-UP project)</b> <b>Keynote speaker:</b> <i>Jannick Schmidt, Professor at Aalborg University and CTO of 2-0 LCA</i> <b>Q&amp;A discussion:</b> Exchange of approaches and brainstorming session on the topics presented by Jannick and Thomas, in relation to the ongoing projects.
8 pm	<b>Networking dinner</b> <a href="#">MUSSOL ARAGÓ</a> , Carrer d'Aragó 261, 08007 Barcelona



## FRIDAY 29<sup>th</sup> OF MAY

9 am	<b>Welcome coffee</b>
9.30 – 10.00 am	<b>Performance Assessment of Solar-Driven Biomass Plants for Negative-Emission Biofuel Production</b> <i>Marco Binotti, Associate Professor at Politecnico di Milano &amp; Project Coordinator (PYSOLO project)</i>
10.00 – 10.30 am	<b>The recovery of Valuable Elements from the Solid Residues from the Thermal Conversion of Biomass</b> <i>Marcin Siedlecki, Head of RIC's Biomass and Waste Valorisation Laboratory, RIC (BeBOP project)</i>
10.30 – 11.00 am	<b>Exploring Intensified Systems for Biobased and E-Fuel Conversion Processes</b> <i>Fausto Gallucci, Senior Consultant at 1 CUBE (Bio-MeGaFuel project)</i>
11.00 – 11.30 am	<b>Process Simulation of Microwave Pyrolysis of Algae Residue and Oily Sludge for Advanced Fuel Production</b> <i>Francesco de Fusco, PhD Student in Industrial and Chemical Engineering at Politecnico di Milano (Flexby project)</i>
11.30 – 12.00 pm	<b>Coffee break</b>
12.00 – 12.30 pm	<b>Roundtable discussion and reflections on the Symposium, moderated by</b> <i>Prof. Fausto Gallucci (Senior Consultant at 1 CUBE), featuring insights from Marco Binotti (Associate Professor at Politecnico di Milano) and Marcin Siedlecki (Head of RIC's Biomass and Waste Valorisation Laboratory, RIC)</i>
12.30 – 1.30 pm	<b>Lunch</b>
1.30 pm	<b>End of the Symposium</b>



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