



UPLIFT, upPE-T and PRESERVE to hold a joint online workshop on upcycling bio-plastic of food & drink packaging

- The session will count on the participation of three EU-funded initiatives working on bio-based packaging: UPLIFT, upPE-T, and PRESERVE.
- These projects are all working to upcycle food and drinks packaging through different technologies such as biological depolymerisation, enzymatic technologies and enzymes compounding.

Aalborg (Denmark), September 1st. – UPLIFT, upPE-T and, PRESERVE are organising an online joint workshop, *Upcycling bio-plastic of food & drink packaging*, to be held on 20 October 2021. The three initiatives are EU-funded projects under the European Union's Horizon 2020 Research and Innovation Programme. During the session, they will present their work to transform food and drink packaging into new materials or products of better quality or for better environmental value, ensuring that micro-plastics are avoided.

The aim of this event is to build a high-level meeting point for stakeholders across Europe to showcase initiatives and solutions for the food industry packaging that cannot be recycled. The workshop will be divided into three parts: during the first one, the workshop will count on different short talks to frame the European bio-plastic sector, while the second block will showcase the objectives, methodologies, impacts, and expected results of each project. Finally, an open discussion will be conducted regarding the importance of clustering.

Plastics used in food and drink packaging applications are made from a range of polymers and are highly combined with specific additives to meet each manufacturer's functional and design requirements. This diversity can complicate the recycling process, make it more costly, and affect the quality and value of recycled plastic. Given this, there is a need to develop technological improvements in the sense of better manufacturing and processing practices for these plastic materials to facilitate proper waste management. Developing upcycling technologies will allow

sustainable recycling or biological degradation in accordance with existing and novel technologies, standards, and certification schemes.

About UPLIFT

UPLIFT has received €7,5 million funding from European Union's Horizon 2020 Research and Innovation Programme under grant agreement No. 953073.

Led by Aalborg University, UPLIFT is formed by Forschungszentrum Julich, Austrian Centre of Industrial Biotechnology, Technical University of Denmark, Lunds Universitet, TECNARO, Bio-Mi, Bio Base Europe Pilot Plant, Leibniz-Institut fuer Naturstoff-Forschung und Infektionsbiologie - Hans Knoell Institut, Plastics Technology Centre AIMPLAS, University College Dublin, Bioplastech, Sustainable Innovations, RWTH Aachen and I/S Vestforbrænding

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About upPE-T

upPE-T has received €7.8 million funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 953214.

Led by CETEC Plastic Tecnology Centre (Spain), upPE-T involves a total of 20 European partners from 10 countries -Enzymicals AG, Eco Plastics, Footwear Technology Centre of La Rioja (CTCR), Tecnoalimenti S.C.P.A, Institute for development and innovation, Digiotouch, Unione Nazionale Consumatori Umbria, Municipality of Nea Smyrni, Durukan Confectionery INC, The Spanish Association for Standardization (UNE), Cetec Biotechnology, BIO-MI Ltd., Villani Salumi S.P.A, Moses Productos, Universität für Bodenkultur Wien, Tampere University, Lappeenranta-Lahti University of Technology, University of Alicante, and University of Greifswald

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About PRESERVE

Preserve has received €7,9 million funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 952983.

Led by IRIS Technology Solutions, PRESERVE has 26 partners: Fraunhofer IVV, Fachhochschule Albstadt-Sigmaringen, Centexbel, Almplas, Fraunhofer IVV, ITENE, Next Technology Tecnotessile, Alma Mater Studiorum - Università di Bologna, Biopolis, Planet Bioplastics, Bostik, Carbiolice, Südpack, Graphic Packaging International, Sibio, Beiersdorf, OWS, Pla.to, Romei, DenimX, Silon, Kneia, Crowdhelix, European Bioplastics, Danone, Ferrero.

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