USABLE PACKAGING

Bioplastics for the Circular Economy

The development of biodegradable and bio-based plastics is key to implementing circular economy models in the plastics sector.

The USABLE PACKAGING project builds an entire value chain for high-performance bioplastic packaging that is both bio-based and biodegradable, being derived from food processing by-products and food waste feedstock.



www.usable-packaging.eu

Horizon 2020
European Union Funding
for Research & Innovation

BBI JU

Bio-based Industries
Consortium

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About the project

The USABLE PACKAGING project seeks to dramatically reduce the use of environmentally harmful fossil-fuel-based packaging by developing high-performance bio-alternatives derived from food industry by-products and food waste to cover packaging needs for food, drinks, pharmaceutical products and clothing.







Simultaneously these bio-based solutions will create a sustainable, circular value chain where the end-of-life processes for the products – either biodegradation, composting or recycling through anaerobic digestion – contribute towards the cycle that generates the feedstock and biogas needed to manufacture the next round of packaging materials, reducing further the impact of plastic waste on the environment.

The three-year project, which brings together a consortium of 25 partners from all over Europe led by CSIC, is funded by the Bio-Based Industries Joint Undertaking (BBI-JU), an EU body, as part of the EU Horizon 2020 programme. It opened on 1 June 2019 and will close on 31 May 2022.

CONSORTIUM

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"USABLE PACKAGING, no leak to the environment, no leak to food waste, just the right packaging"

Prof. José Maria Lagaron, Project Co-ordinator, CSIC

Find out more: **www.usable-packaging.eu**

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