

COORDINATION
HAW Hamburg

DURATION
Oct. 2019 – Sept. 2023

BUDGET
8.5 M €

FUNDING
EU HORIZON 2020

PARTNERS
22

BIO-PLASTICS EUROPE

DEVELOPING AND IMPLEMENTING SUSTAINABILITY-BASED SOLUTIONS FOR BIO-BASED PLASTIC PRODUCTION AND USE TO PRESERVE LAND AND SEA ENVIRONMENTAL QUALITY IN EUROPE

GOAL

Develop sustainable strategies and solutions for bio-based products by:

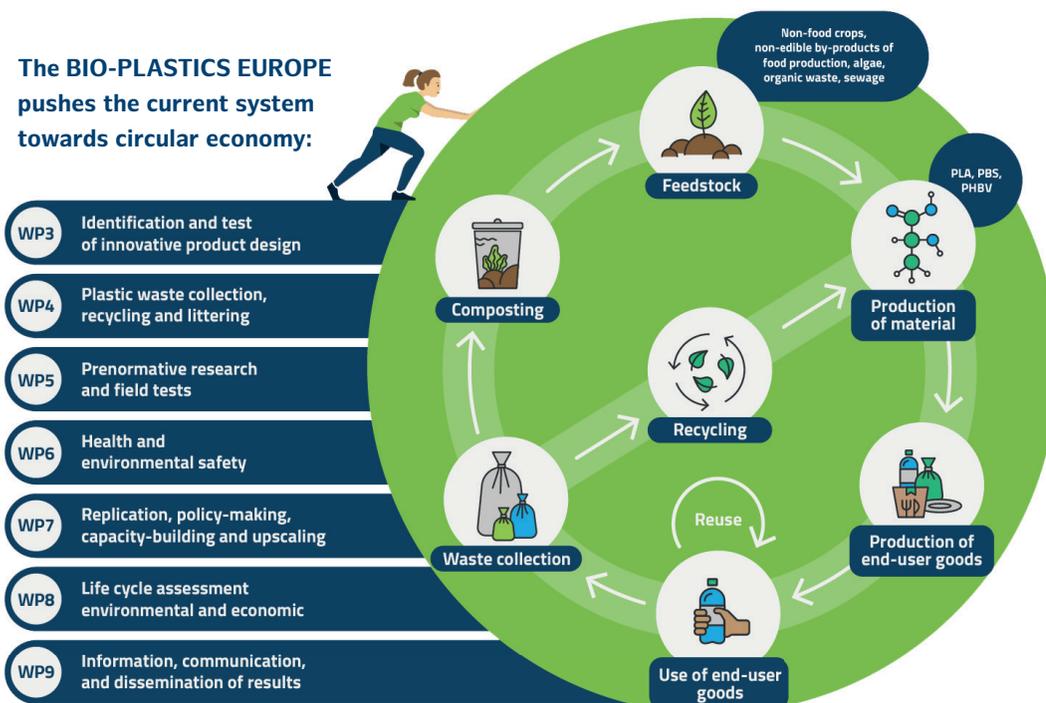
- Including innovative product design and business models facilitating efficient reuse and recycling strategies
- Ensuring the safety of recycled materials when used for toys or packaging food stuffs
- Developing approaches that focus on circular innovation for the whole bio-based and biodegradable system

VISION

Sustainable bio-based plastics for circular economy:

- Transferring knowledge into practice through technical, policy and business model innovations

The BIO-PLASTICS EUROPE pushes the current system towards circular economy:



Horizon 2020

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 860407

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EXPECTED RESULTS



FOCUS
 Cutlery, Soft and Rigid Packaging,
 Agricultural Mulch Film,
 Toys and Aquatic Materials

- INNOVATIVE MATERIALS**
to foster and encourage deployment of innovative bio-based and biodegradable materials
- STAKEHOLDERS ENGAGEMENT**
to ensure strong commitment of producers, politicians, industrial and private consumers
- BUSINESS MODELS**
to experiment with innovative business models by incorporating circularity and sustainability to maximize the value of materials along the entire value chain
- SAFETY PROTOCOLS**
to ensure the safe use and end-of-life management on innovative bio-based plastics

The project **BIO-PLASTICS EUROPE** aims to deliver strategic networking and research that will coordinate existing knowledge across Europe, catalysing new ideas and rapid solutions across the research and innovation landscape.

To encourage a holistic, collaborative approach towards bio-based plastics research and implementation, two networks have been set-up, with two major target audiences in mind: public authorities and research interested parties.

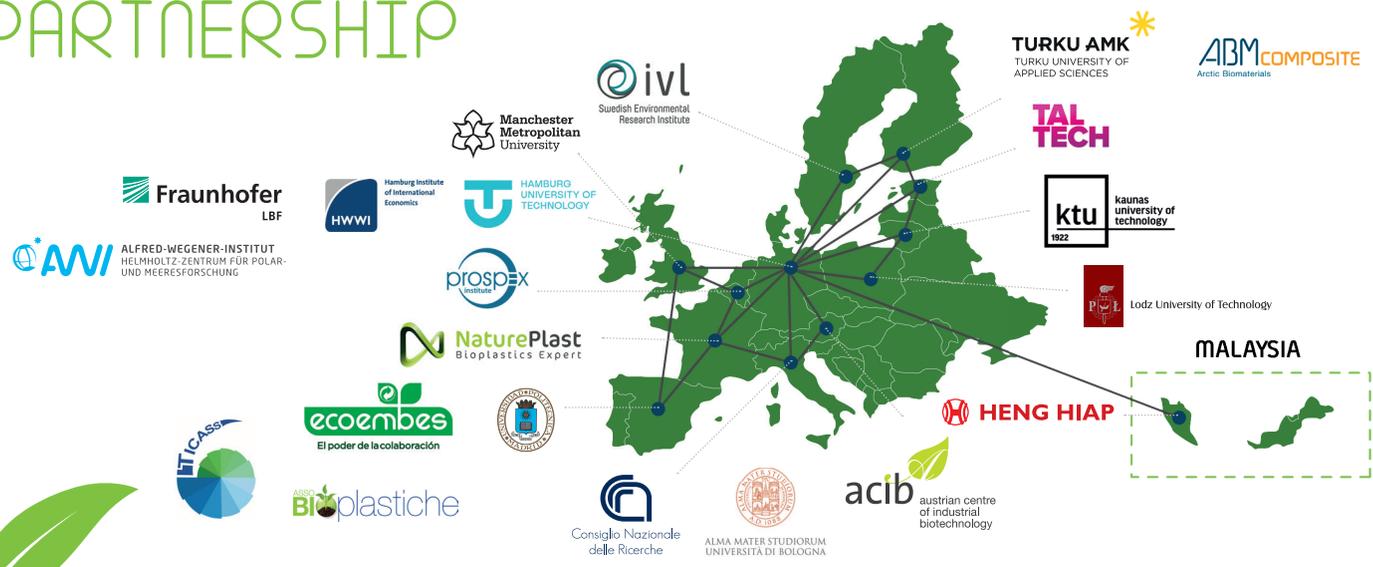
European Bioplastics Research Network
 aims to congregate experienced representatives from universities and enterprises in research about bio-based and biodegradable plastics.



Network of Historic Cities against Plastic Waste
 aims to congregate historical cities across Europe whose aged infrastructure makes them especially vulnerable to many problems caused by plastic pollution. The HISCAP was established to facilitate the uptake of project results from civil society and public authorities for know-how transfer.



PARTNERSHIP



CONTACT INFO

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