



UPLIFT

sustainable PLastics
for Food & drinks packaging industry

The overall idea of UPLIFT is to biologically depolymerize bio- and fossil-based plastic packaging waste and convert it into more renewable and easily upcyclable polymers, following a biorefinery and a circular economy approach.

OBJECTIVES

1) to combine bio-depolymerization of plastics and bio-based building blocks to obtain smarter and renewable plastic materials, which will enable the effective up-cycling of plastic packaging waste streams;

2) to fully integrate the bio-chemical upcycling technologies within already existing and more mature recycling processes and fermentation processes. All these prototype materials and processes will be tested in a relevant operational scale close to expected performance (TRL 6).

PROJECT PARTNERS

