



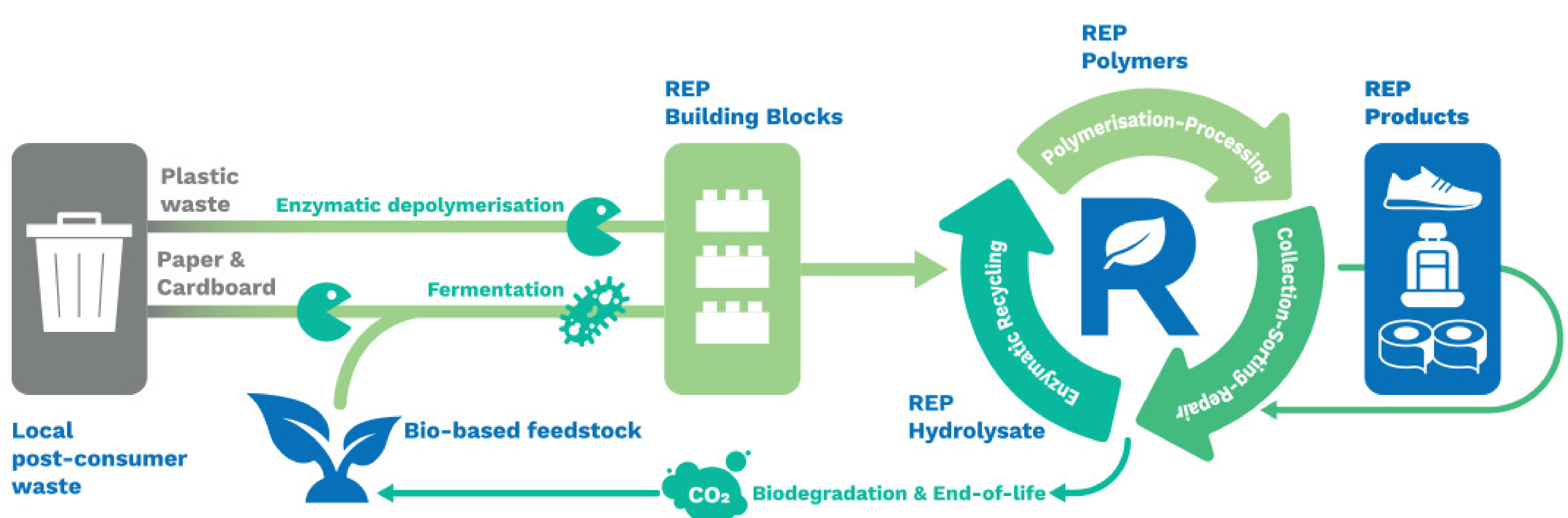
# REPURPOSE

## Repurposing post-consumer waste into recycling rubbery plastics

The first biodegradable and Recyclable Elastomeric Polymers in the world

In the **REPurpose** project, local post-consumer waste is upcycled to new functional **REP polymers** targeting the high-value market of thermoplastic elastomers, with applications in the consumer goods, automotive and building industry. The unique features of **REP polymers** will be:

- Tuneable elastomeric properties avoiding the need for additives;
- production, processing and recycling on existing equipment;
- controllable degradation in different habitats;
- unprecedented indefinite recycling.



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## PARTNERS



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