

Agilyx supporting innovative solutions to solve the problem of plastic waste



Collaboration is key to help solve the plastic waste problem. That is why we are investing in solutions across the value chain, from feedstock supply derived from post-use plastics for the recycling industry, to innovative advanced recycling technology.



Pioneer in advanced recycling

Styrenyx is Agilyx's proprietary polystyrene advanced recycling technology for licensing and equipment sourcing. Through depolymerization, polystyrene waste is broken down into its virgin-equivalent building blocks for reuse in high-quality products. Styrenyx can reduce carbon equivalent emissions for styrene production by up to 86% compared to fossil-based production.



Driving innovation

arcLABS provide a range of services including characterization and identification of plastic streams that can be turned into feedstock sources matched to mechanical or advanced recycling processes.

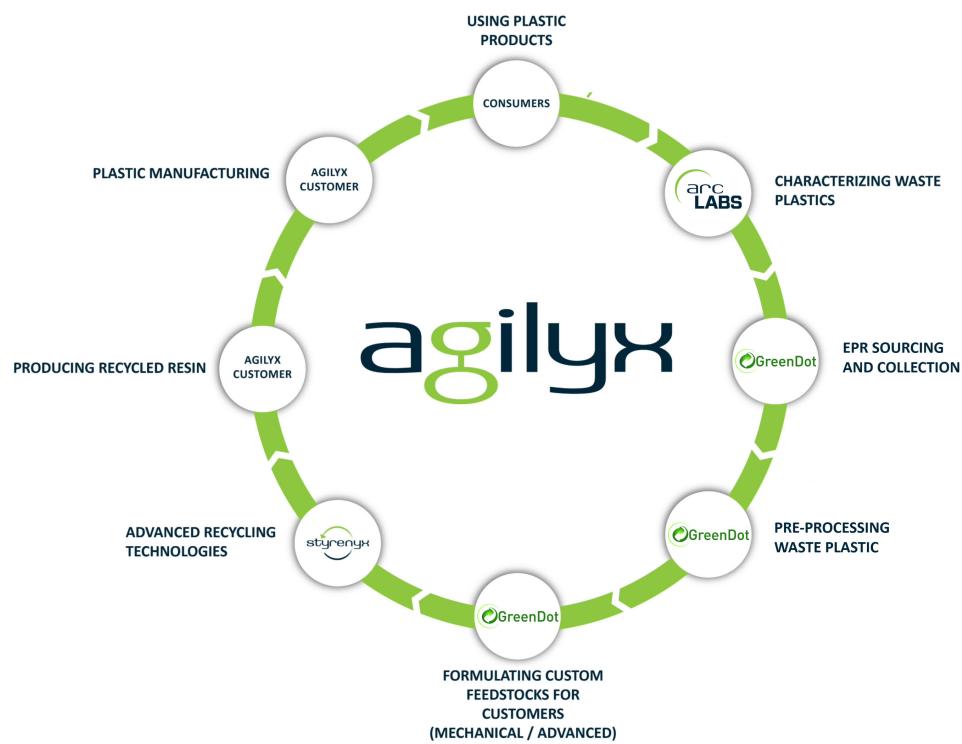


Fully integrated technology platform for polystyrene waste

TruStyrenyx combines Styrenyx depolymerization technology with a purification process to produce a recycled styrene monomer of exceptionally high purity. This styrene monomer can be reused in any styrene monomer end-market.

Increasing the recyclability of post-use plastics

Offering solutions for plastic waste across the value chain



This infographic is for illustrative purposes only and does not represent a fixed or continuous process. While Agilyx provides solutions across the plastic value chain, these solutions do not always interact directly or result in a specific end product. The pathways illustrated here showcase potential applications of our technologies and partnerships in enabling plastic circularity.

TURNING PLASTIC WASTE INTO VALUE