

# Agilyx delivers **innovative solutions** for plastic waste



Collaboration is key to helping solve the plastic waste problem and our flexible approach allows us to tailor solutions for our customers' specific needs.



## **Cyclyx: Industry leading, post-use plastic-to-feedstock innovator**

Through its Cyclyx Circularity Centers, the company custom formulates feedstock to meet the unique specifications of mechanical and advanced recyclers. Additionally, Cyclyx's holistic collection channels and partnerships can capture a wide range of plastics, including films and flexibles that are typically excluded from curbside recycling. Cyclyx is a joint venture of Agilyx (50%), ExxonMobil (25%), and LyondellBasell (25%).



## **Plastyx: European-sourced feedstock supplier to the advanced recycling industry**

European-sourced feedstock supplier to the advanced recycling industry. Plastyx is a collaboration between Agilyx (60%) and Circular Resources SARL (40%).



## **Styrenyx: 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.



## **The Agilyx Research Center (ARC): Driving innovation**

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



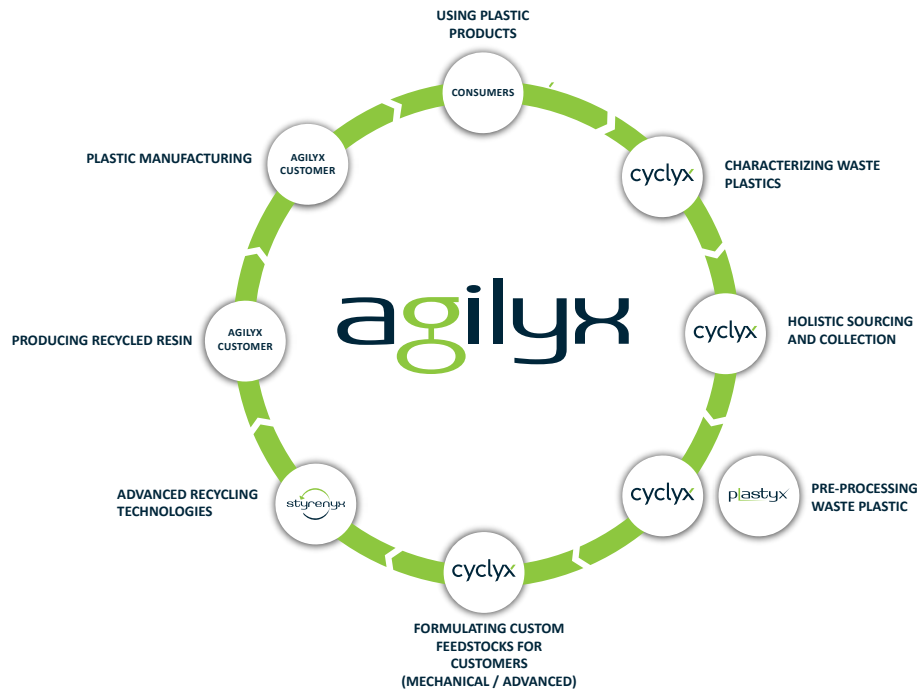
## **TruStyrenyx: Fully integrated technology platform for polystyrene waste**

Combining Styrenyx depolymerization technology and Technip Energies' purification process, we produce a recycled styrene monomer of exceptionally high purity. This styrene monomer can be reused in any styrene monomer end-market.

TURNING PLASTIC WASTE INTO VALUE

# 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.

## Committed to **helping solve the plastic waste problem** and move towards a lower-carbon future.

### cyclyx

**Cyclyx, our joint venture with ExxonMobil and LyondellBasell:**

is building processing facilities and implementing innovative plastic waste management technologies that divert post-use plastics from landfills and the environment onto recycling pathways, **all while adhering to ISCC PLUS certification standards.**

### styrenyx

**Styrenyx, Agilyx's advanced recycling technology:**

can reduce carbon equivalent emissions for styrene production by **up to 86% compared to fossil-based production.** The Product Carbon Footprint report was conducted by Sphera solutions, reviewed by a third-party and compliant with ISO 14067:2018 standards.

BECOME A PART OF THE SOLUTION: [INFO@AGILYX.COM](mailto:INFO@AGILYX.COM)