

# 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: a pioneer and key enabler for the recycling industry**

Utilizing proprietary technology to convert post-use plastic waste into high-quality feedstock for both mechanical and advanced recycling applications, Cyclyx delivers scalable, customized solutions for even the most complex plastic waste streams. Cyclyx is a joint venture of Agilyx (50%), ExxonMobil (25%), and LyondellBasell (25%)



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

Plastyx delivers consistent, high-quality, and efficiently prepared feedstock to support the growth and sustainability contribution of advanced recyclers. 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.



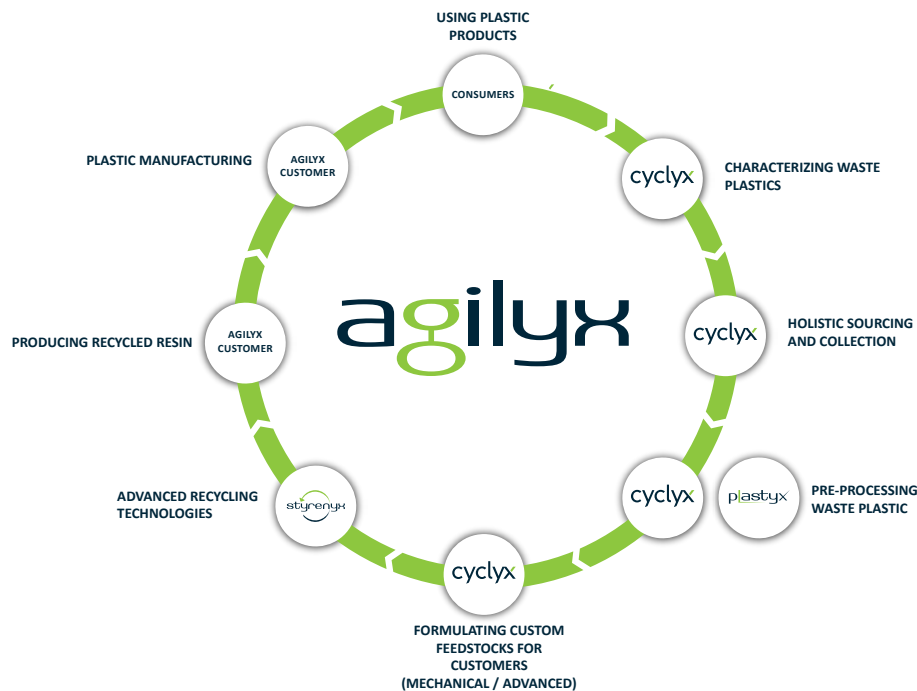
## **TruStyrenyx: Fully integrated technology platform for polystyrene waste**

Combining Styrenyx depolymerization technology with a 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 **help solve the plastic waste problem** and move towards a lower-carbon future

### cyclyx

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

Developing 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, was reviewed by a third-party and is compliant with ISO 14067:2018 standards.

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