



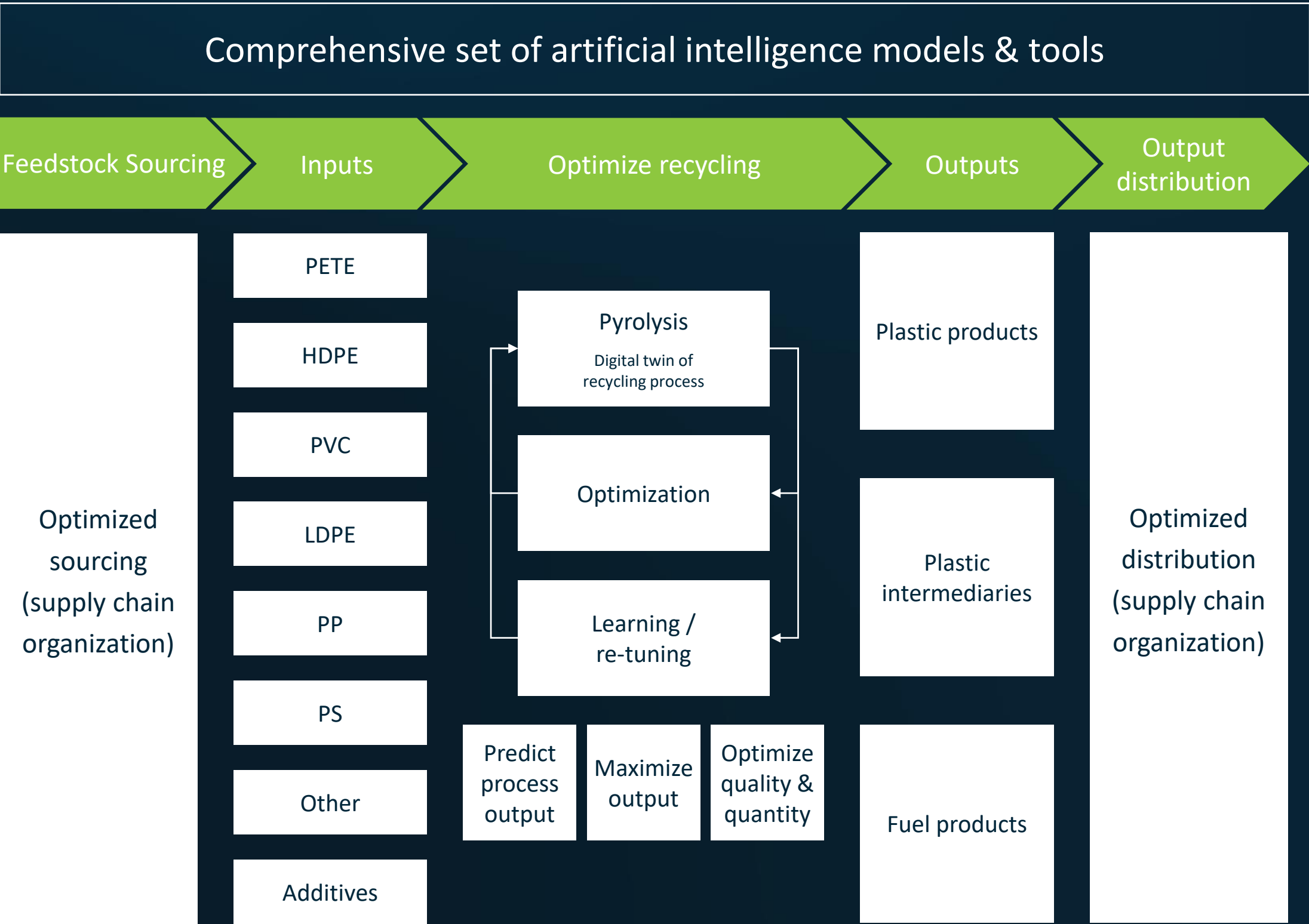
agilyx

Our technology powers the world's plastics recycling

We solve two of the main challenges: used plastics sourcing and the chemical recycling

Understanding characterization & applicability of feedstock...

Cyclyx Sophisticated Plastic management



...is a key competence to optimize plastic-to-plastic conversion

Agilyx Plastic-to-plastic conversion technology



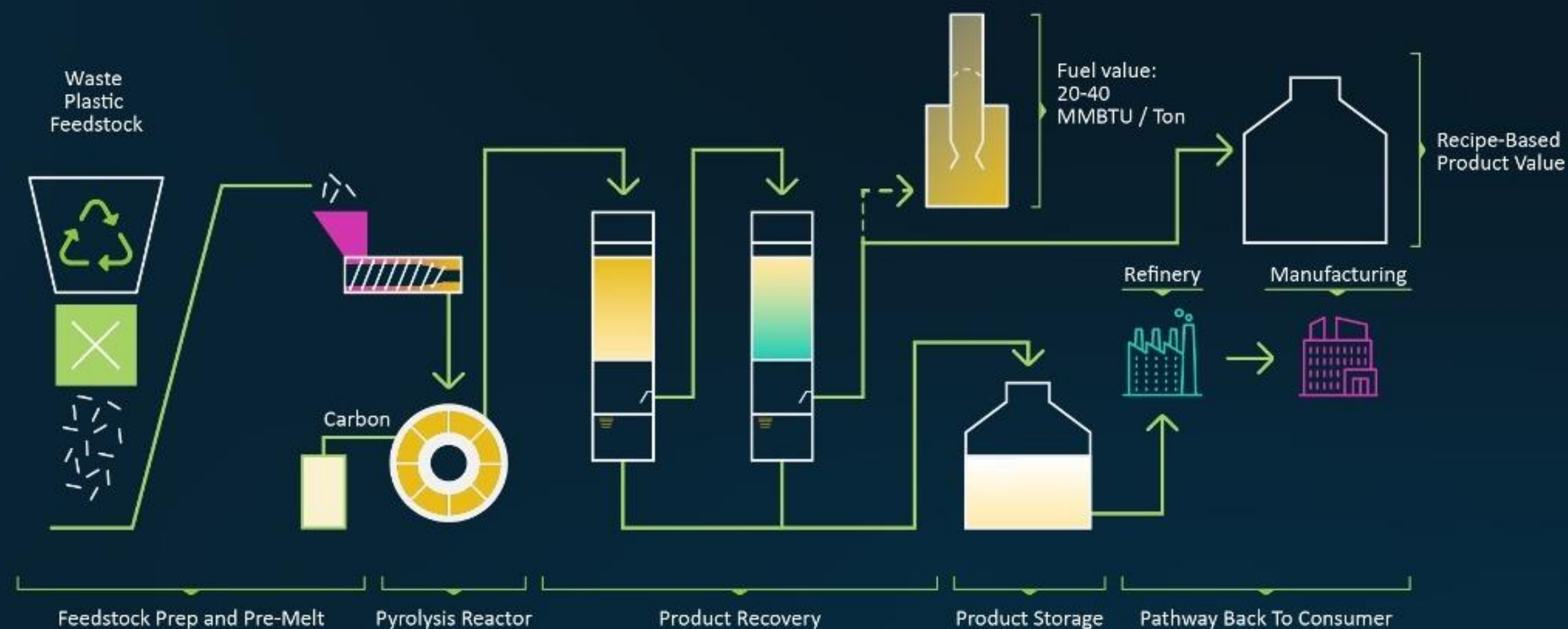
- Product flexibility
- Enhance throughput
- Maximize yield
- Optimize chemistry
- Product consistency
- Contamination control

Proprietary Conversion Technology

Our technology reflects 16 years of ongoing improvement, resulting in a proprietary system with continuous, catalyst-free processing of a broad range of feedstocks.

Advantages

- Proprietary System
- Continuous Process for High Throughput
- No Scale Risk: System Commercialized for Decades
- No Catalyst Required: Accepts Broad Range of Plastic Feedstocks
- Robust: Handles Feedstock Contamination
- Versatile: Makes Variety of Low-Carbon Products
- Integrated Data Collection and Monitoring
- Fully Automated System Operations
- Cost Competitive to Commodity Products

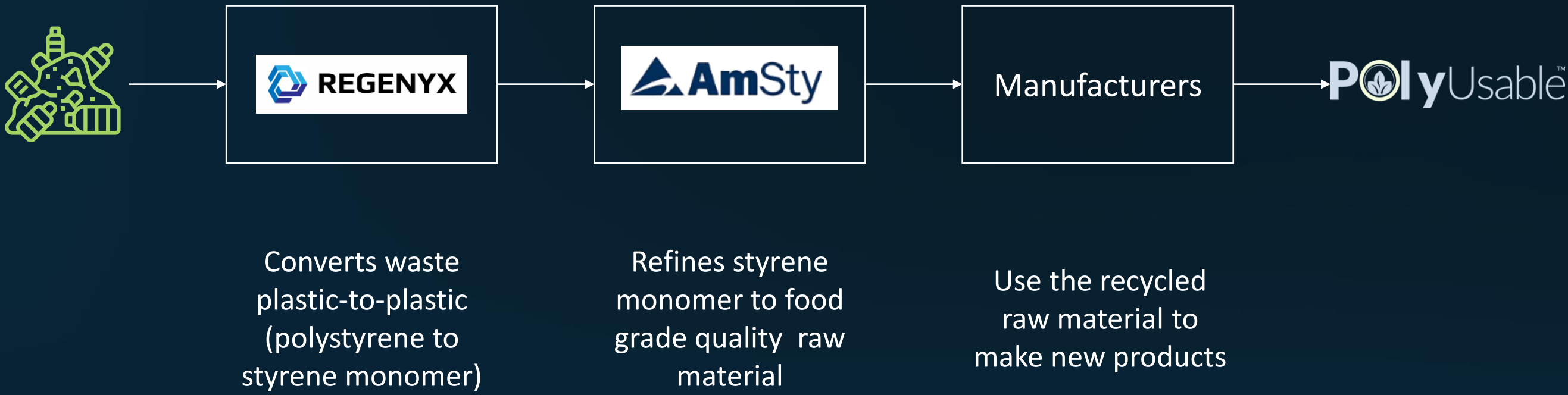


Regenyx, the worlds first commercial closed loop plastic-to-plastic facility

OVERVIEW

- Launched: 2018
- Capacity: 10 tpd (tonnes per day)
- Location: Tigard (Oregon, US)
- Regenyx is a JV owned by Agilyx and AmSty 50/50

OPERATIONS IN BRIEF



AGILYX OPERATIONAL ROLE

- Sources all waste plastic feedstock for the facility from 500 regional suppliers
- Manage operations and maintenance of facility

ACHIEVEMENTS

- Produced more than 1 million lbs of recycled styrene monomer
- All production has been accepted within contracted specification
- Received food grade ISCC PLUS Recycled Content Certification



Data & Analytics



Our dataset of waste plastic is unmatched in the industry, enabling us to create vertically integrated, customized pathways from plastic feedstock to products.

Agilyx is Data-Driven

Over the last 16 years, we have built a dataset of more than 2,000 plastic waste characterizations and 1,000 hydrocarbon substrates.

For each source, we have more than 100+ data points and continues to build on this foundation.

Agilyx has recipes for more than 1,500 commercial conversions of various waste plastics to more than 1,000 variations of hydrocarbon products.



Predictive modelling



Agilyx's data and machine learning algorithms enable the matching of specific waste plastics to the desired types of finished products. We are the clear leader in this essential capability.



Feedstock to Product

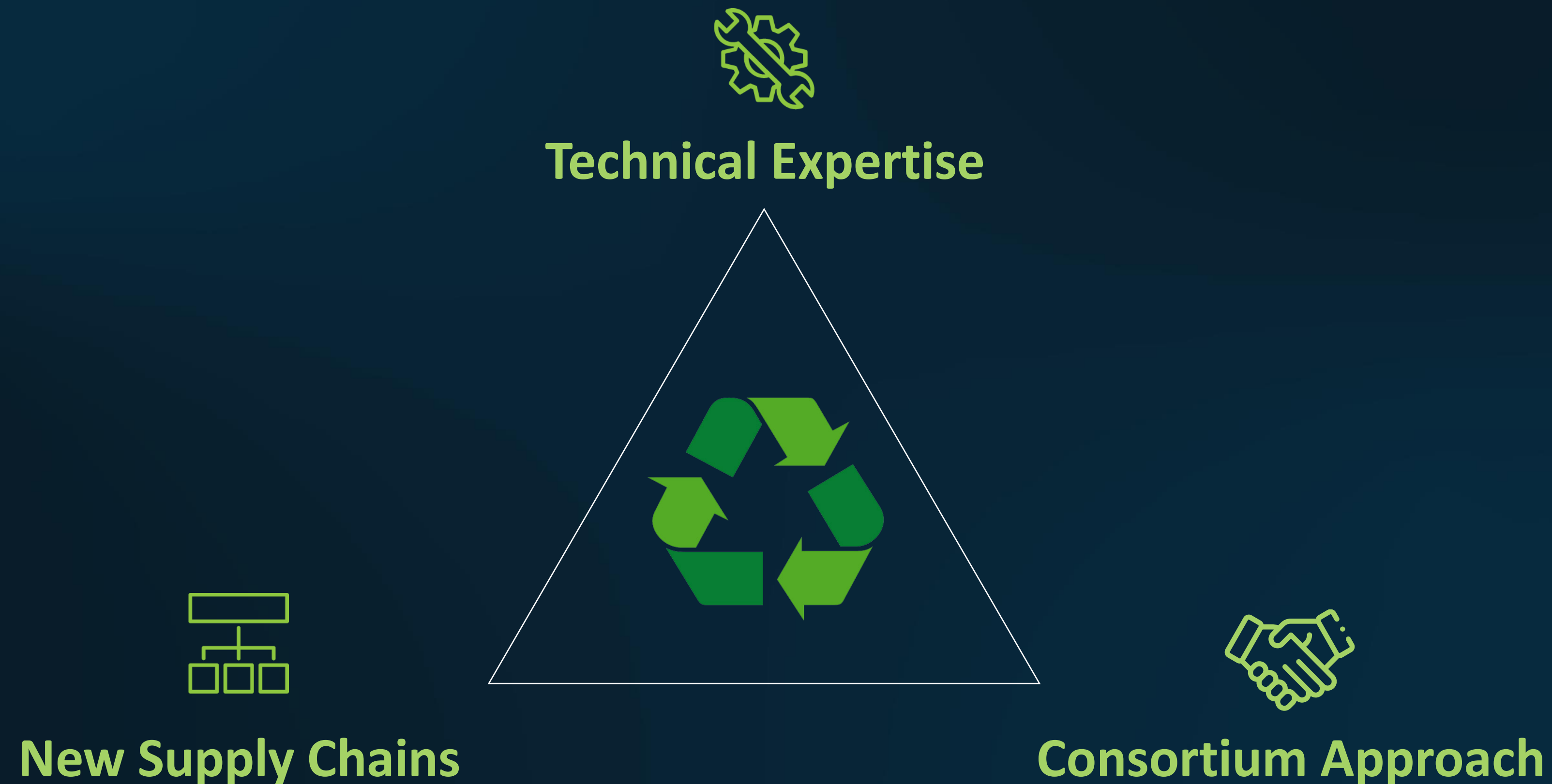
Provided with a desired product specification, Agilyx uses that as an input to the Agilyx model and reverse engineers a feedstock specification range.

Product to Feedstock

Provided with one or more base feedstocks, Agilyx chemically characterizes the feedstock's content and models an expected product composition range.

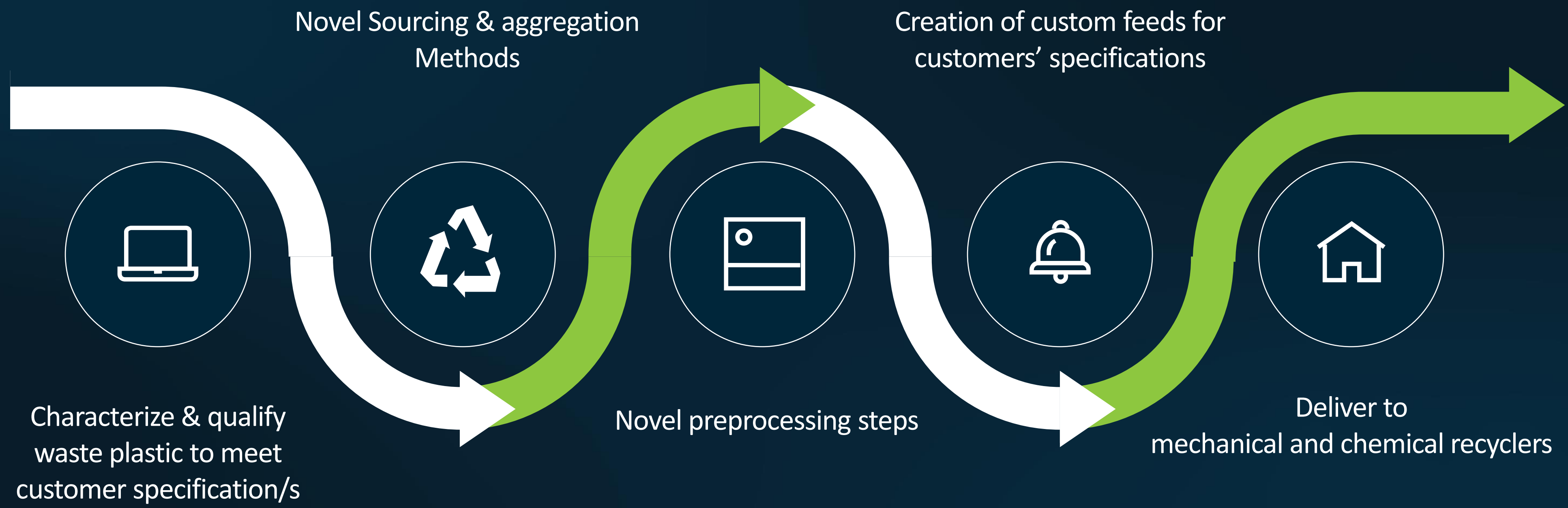
Cyclyx understands the **chemical complexity** of waste plastics

We **collaborate with partners** to bring innovative solutions to increase plastic recovery and redirect plastic waste into circular pathways



Cyclyx transforms waste plastic into a recyclable resource

Customer demand driven through custom developed feedstock



cyclyx

Landmark Agreement: Cyclyx Joint Venture

Providing feedstock advantage to Agilyx licensees and ExxonMobil

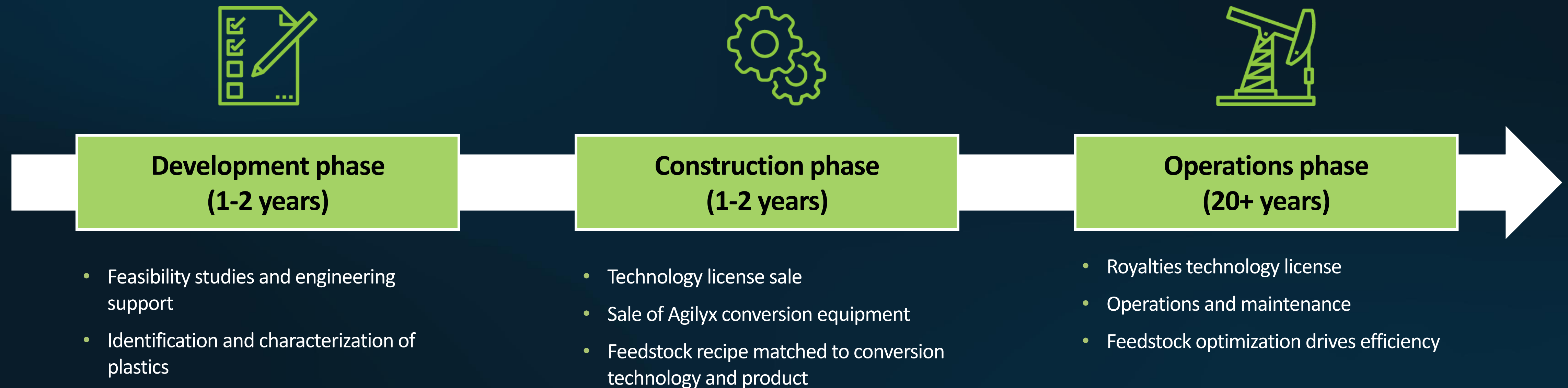
Overview of the Partnership

- Cyclyx collaboration with GE to apply Artificial Intelligence to a feedstock business
- IP and feedstock know how; largest plastic waste database
- Provides low-cost feedstock to Agilyx customers and to Exxon
- Global focus targeting 300,000 tons annually by 2025 and 3 million tons annually by 2030
- Agilyx receives royalties for all feedstock processed by the system



Capital light go-to-market strategy

Agilyx supports customers in all phases of a recycling facility



Agilyx is on the move

“They (the Agilyx team) are a small group of people who are passionate about making a real difference... Mother Nature figured out a long time ago that sourcing energy in a sustainable way and efficiently re-using and recycling resources is the way to go. Solutions like this give me hope that humans are slowly catching up.”

Richard Branson

RECENT DEVELOPMENTS

Maire Tecnimont Group’s Nextchem and Agilyx Sign Agreement for Global Deployment of Chemical Recycling Projects Based on Pyrolysis

Agilyx, March 2021

Agilyx and ExxonMobil Establish Cyclyx Joint Venture to Supply Plastics Recycling Industry

Cyclyx International, February 2021

Agilyx and Toyo Styrene Advance Development of facility in Chiba, Japan

Agilyx, December 2020

Agilyx Applauds U.S. EPA’s National Recycling Strategy, Signs America Recycles Pledge

Agilyx, December 2020

Agilyx and Braskem Announce Collaboration to Explore Advanced Recycling Project in North America

Agilyx, December 2020

Agilyx Signs Agreement with A.Eon

Agilyx, December 2020

AmSty and Agilyx Announce Completion of a Certified Circular Recycling Pathway for Polystyrene

Agilyx, November 2020



Q&A

