



# SUSTAINABLE INNOVATION

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# AmSty Overview

Established in 2008: JV between Chevron Phillips Chemical & Dow Chemical



THE WOODLANDS, TX

Headquarters



ST. JAMES, LA

Monomer Plant  
2.3B LBS



TORRANCE, CA

Polymer Plant  
330MM LBS



ALLYN'S POINT, CT

Polymer Plant  
250MM LBS



JOLIET, IL

Polymer Plant  
270MM LBS



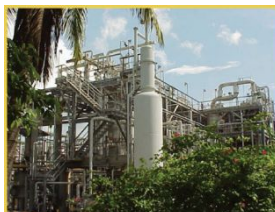
HANGING ROCK, OH

Polymer Plant  
400MM LBS



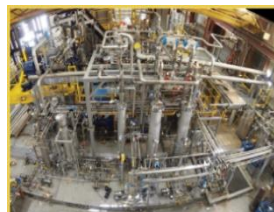
MARIETTA, OH

Polymer Plant  
400MM LBS



CARTAGENA, COLOMBIA

Polymer Plant  
170MM LBS



TIGARD, OR

Monomer Plant  
1.5 MM LBS

## Producer of Styrene and Polystyrene

### Industries Served:

- Chemicals (latex, rubber, paints, etc)
- Foodservice & Food Packaging
- Appliance
- Medical
- Building & Construction

### Sustainability Progress:

- 2011: Launched PolyRenew<sup>®</sup> Resins
- 2019: Regenyx JV with Advanced Recycling
- 2020: Won ACC Sustainability Award
- 2021: Recycling reaches 20MM lbs to date
- 2022: Progressing Advanced Recycling scale-up



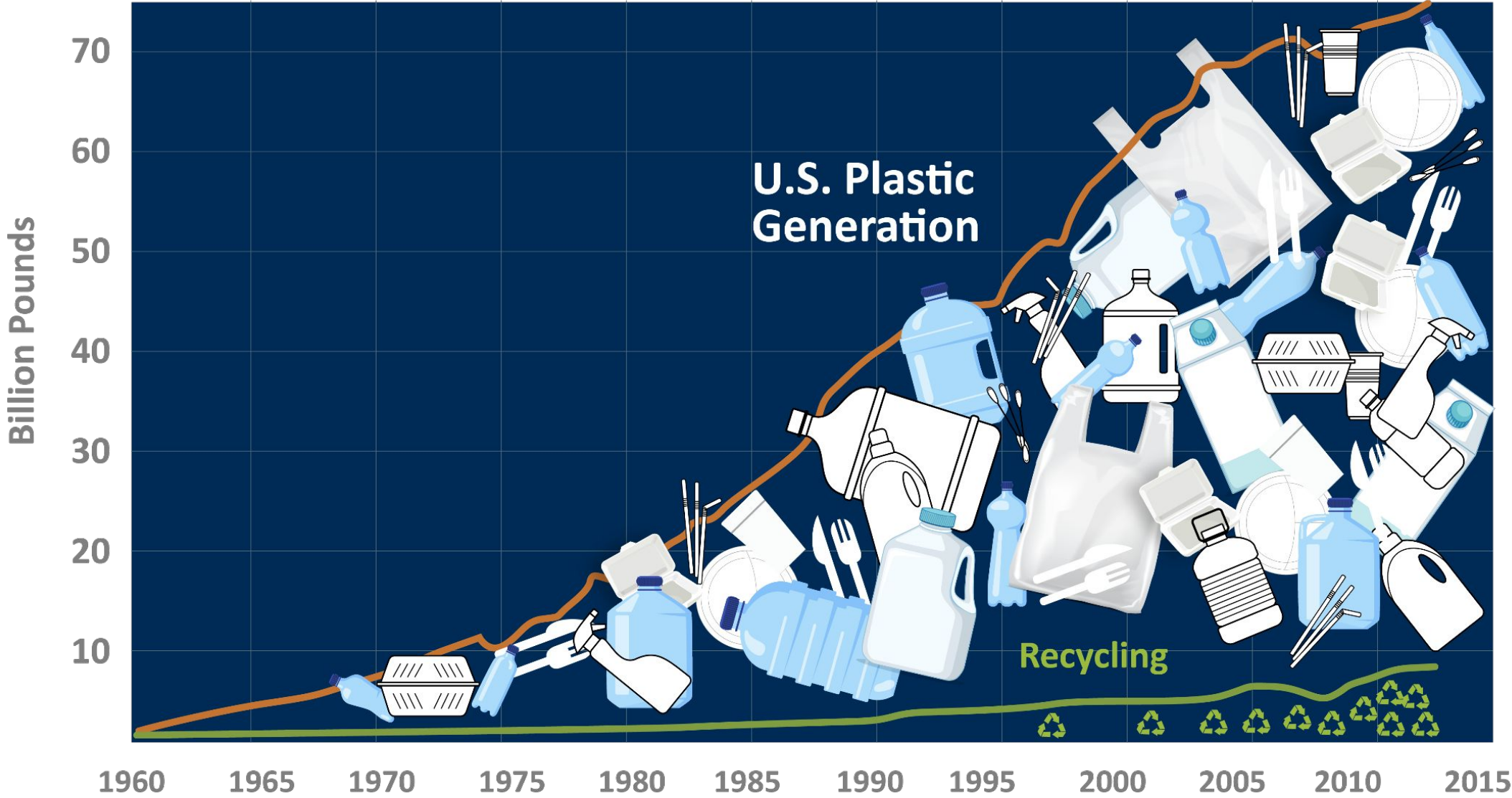
**More than 50% of  
AmSty products  
are shipped by rail.**



# A Call to Action: Plastic Recycling



# U.S. Plastic Generation vs. Recycling Rates







- Recycled Polystyrene – Allyn's Point, CT 2012
- Dissolution Technology





# REGENYX



- Recycled Polystyrene – Tigard, OR 2019
- Advanced Recycling Technology
- Small Scale: Proof of Concept

# Polystyrene Industry Commitment

In 2020 and 2021, over \$200 million of investments announced for PS recycling

## Active Polystyrene Circularity Projects

- ▶ 2019 – Regenyx Advanced Recycling (AR) plant start-up in Oregon
- ▶ 2020 – Pyrowave and Michelin announce project for AR in Europe for PS
- ▶ 2020 – Toyo announces construction of AR plant for PS in Japan
- ▶ 2021 – Trinseo announces construction of AR plant for PS in Belgium
- ▶ 2021 – Ineos Styrolution announce construction of AR plant for PS in France
- ▶ 2022 – AmSty working closely with others to implement large scale AR in US



# Next Steps

1. Recycling technology and investments are ramping quickly
2. Need similar investments to support plastic waste collection
3. Extended Producer Responsibility (EPR)
  - Temporary fees on producers to fund collection infrastructure
  - Industry-driven and managed
  - Off-ramp for fees when recycling thresholds achieved
  - No plastic bans, slush funds for special interests, etc.
  - Working with stakeholders to develop/advance