



## Summary Presentation

Presented To:

***Marion County SWMAC***

**June 2018**

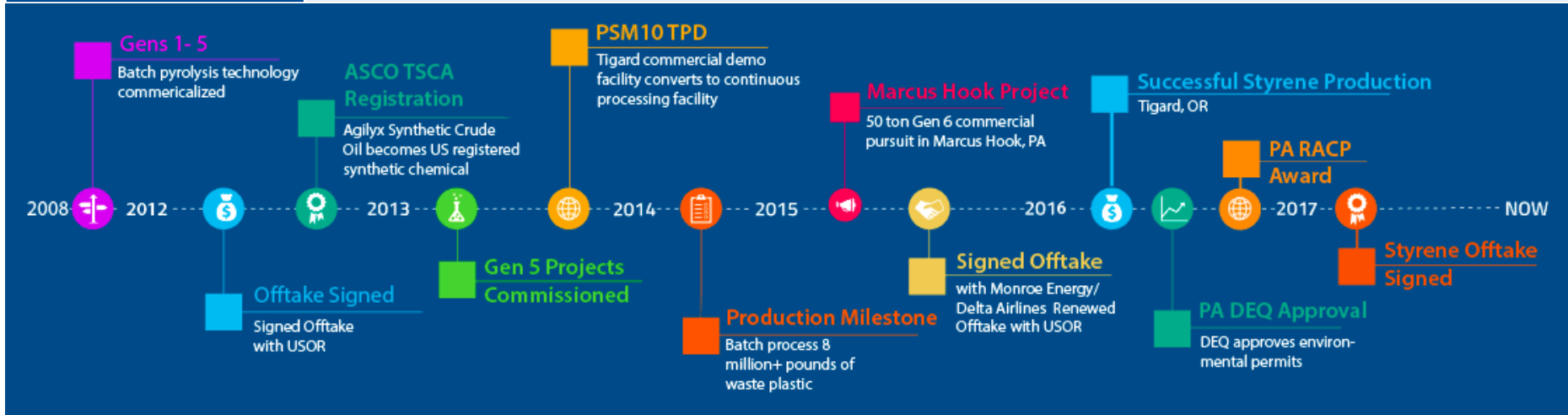
PRELIMINARY | DISCUSSION DOCUMENT

***Agilyx uses patented, proven, and commercially viable technology to convert difficult-to-recycle waste plastics into chemical commodities through a process that is scalable, versatile, and environmentally positive***



# Agilyx Overview

<b>Who We Are:</b>	A global leader in waste plastic chemical recycling
<b>What We Do:</b>	Design and develop systems to convert mixed waste plastics into, synthetic oil, styrene monomer and other specialty chemicals and substrates
<b>Corporate HQ:</b>	Tigard, Oregon, USA; Incorporated
<b>Model Options:</b>	Flexible; Design, Build, Operate, Own or Transfer, License
<b>IP:</b>	Strong Patent Portfolio; six patents issued; one patent pending Worldwide exclusive pyrolysis license; significant process knowhow and trade secrets
<b>Commercial Technologies:</b>	Mixed Waste Plastic to Crude: two sizes 10 TPD, 50 TPD Polystyrene to Styrene Monomer: two sizes 10 TPD, 50 TPD





Why is Agilyx succeeding?

- **The Technology:** patented, proven, commercially viable
- **The Systems:** modular, scalable, ready for global deployment
- **The Team:** deep experience, success at bringing innovative & needed technology to market
- **The Products:** renewable petrochemicals (high-grade synthetic crude, styrene monomer)

***Producing recycled plastic petrochemical products using Agilyx technology...***

- Reduces GHG: for example, Agilyx GHG intensity is up to 50% reduction of traditional styrene manufacturing
- Returns a highly-valued, workhorse manufacturing resource directly back into the manufacturing stream, in it's highest form

*Agilyx brings "1<sup>st</sup>-in-industry" industrial pyrolysis expertise to plastics and petrochemical recovery*

# Difficult-to-Recycle Waste Plastic Examples

Aluminum Wire Chop



Medical Red Bag Sharps



Film Packaging



Energy Bag



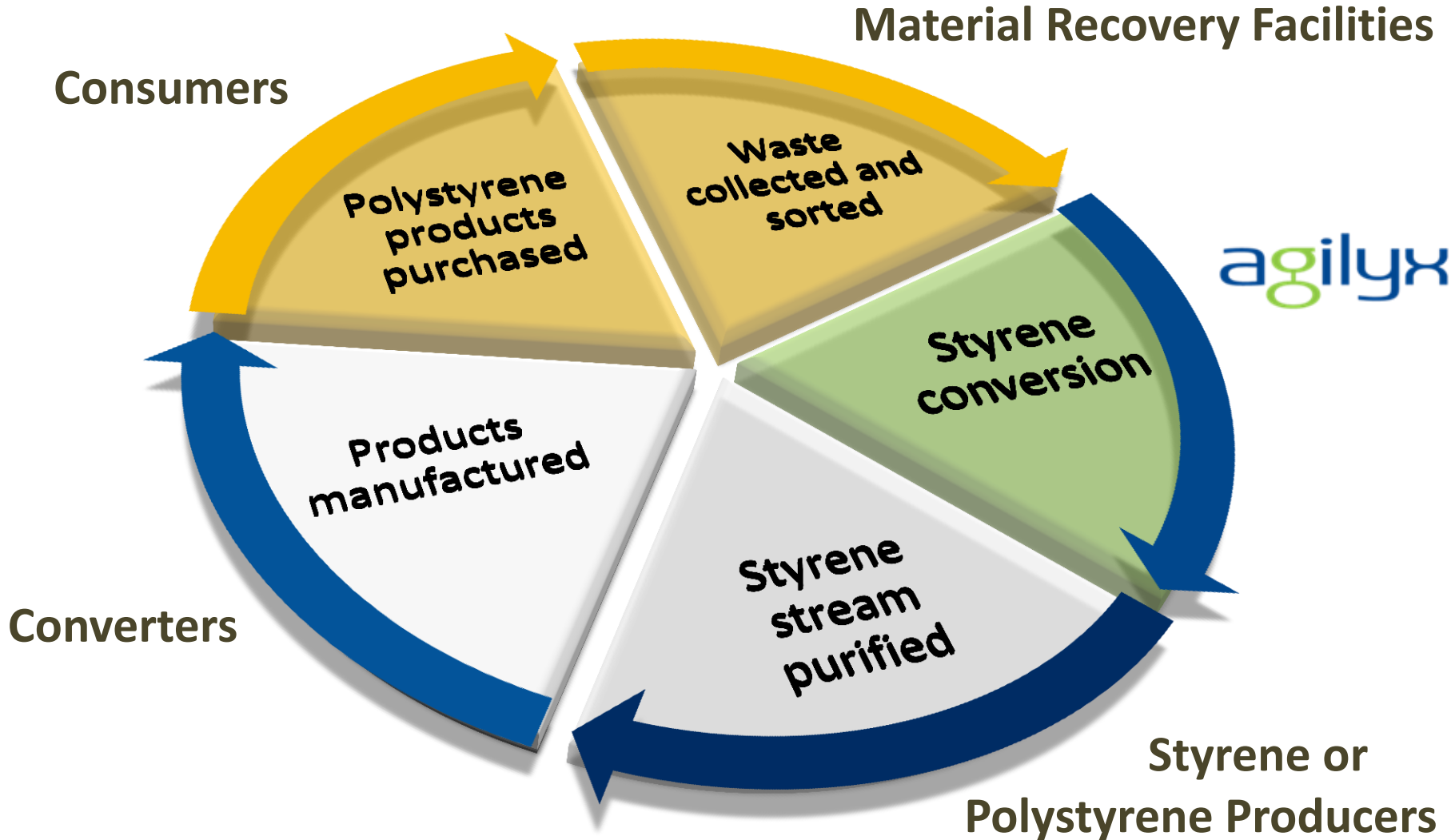
Field Turf



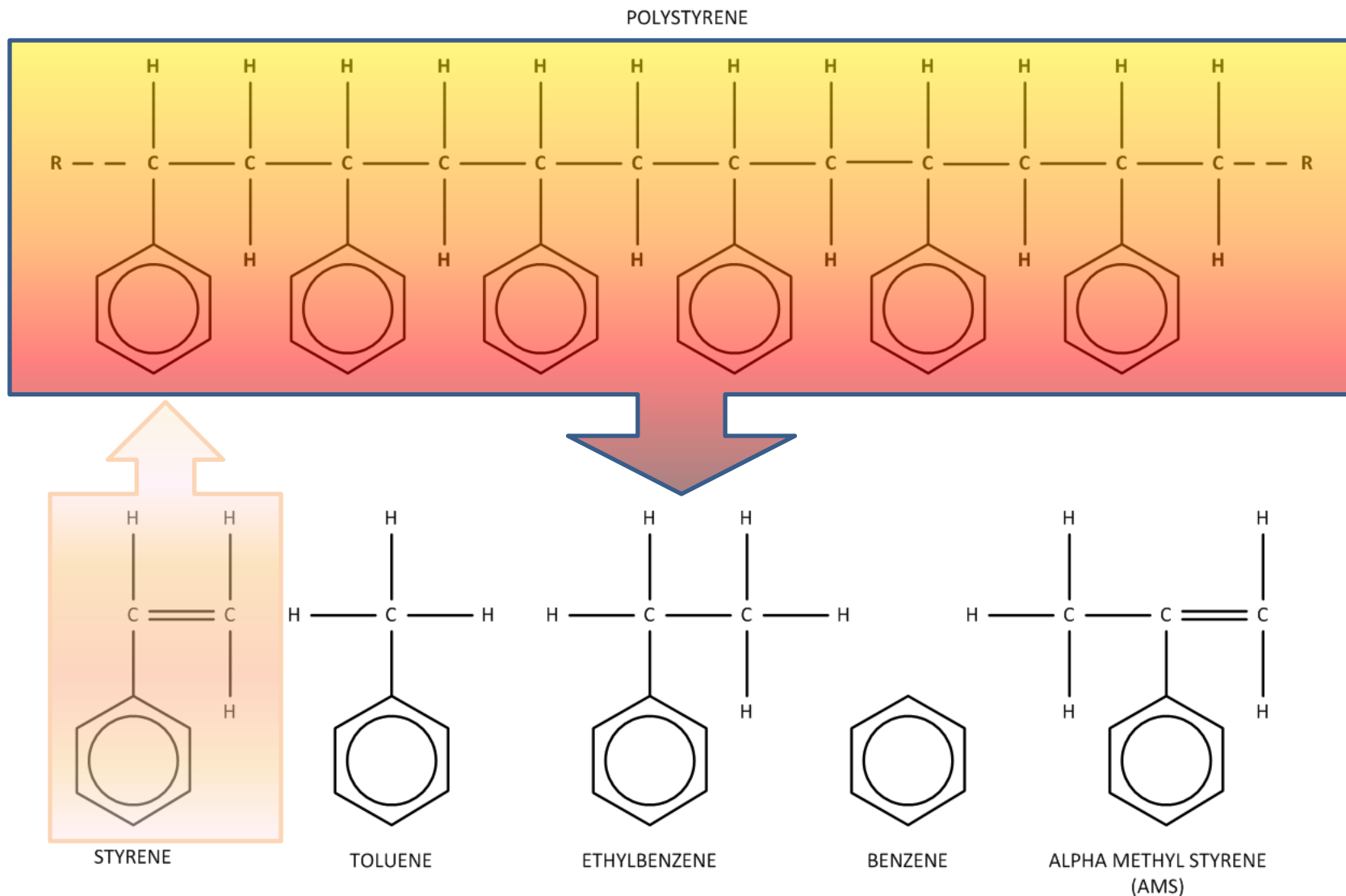
Melt Densified XPS



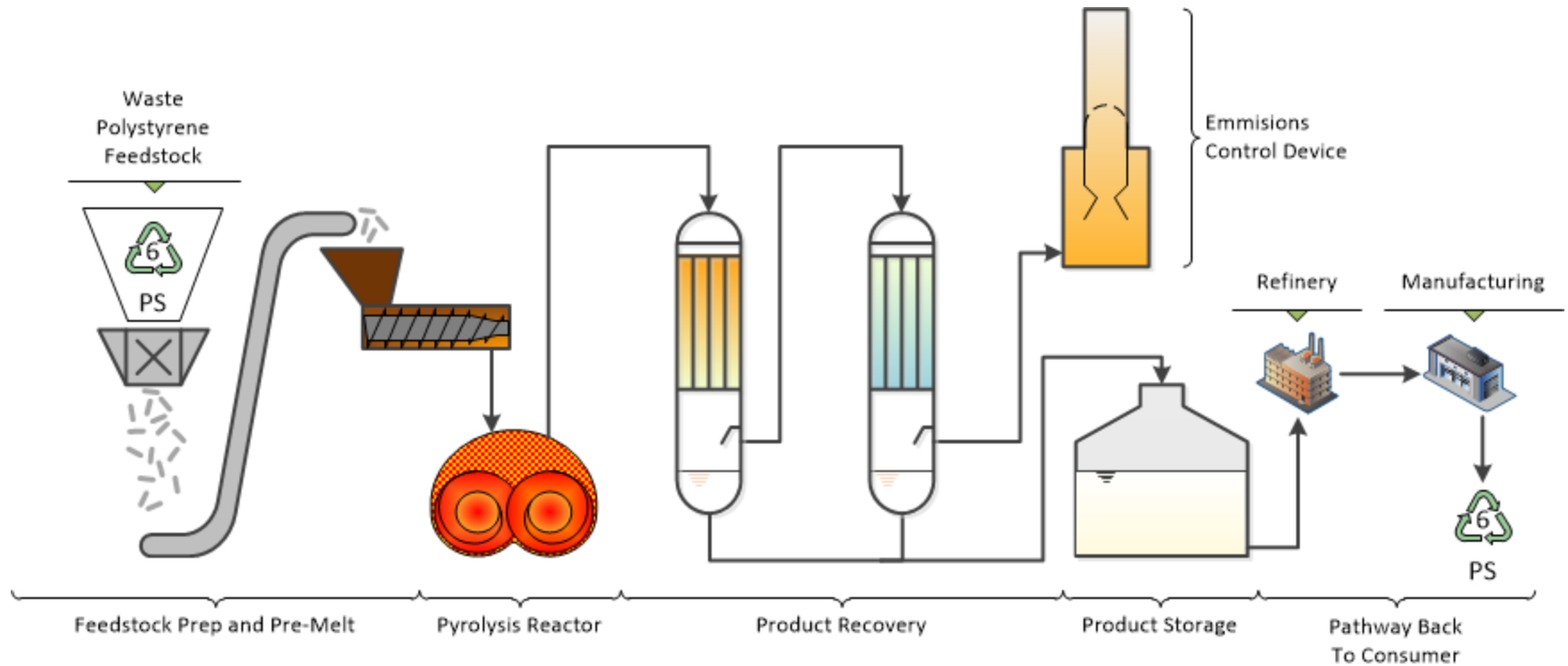
# Styrene Circular Economy



# Polystyrene Pyrolysis Chemistry



# Pyrolysis Process for Polystyrene





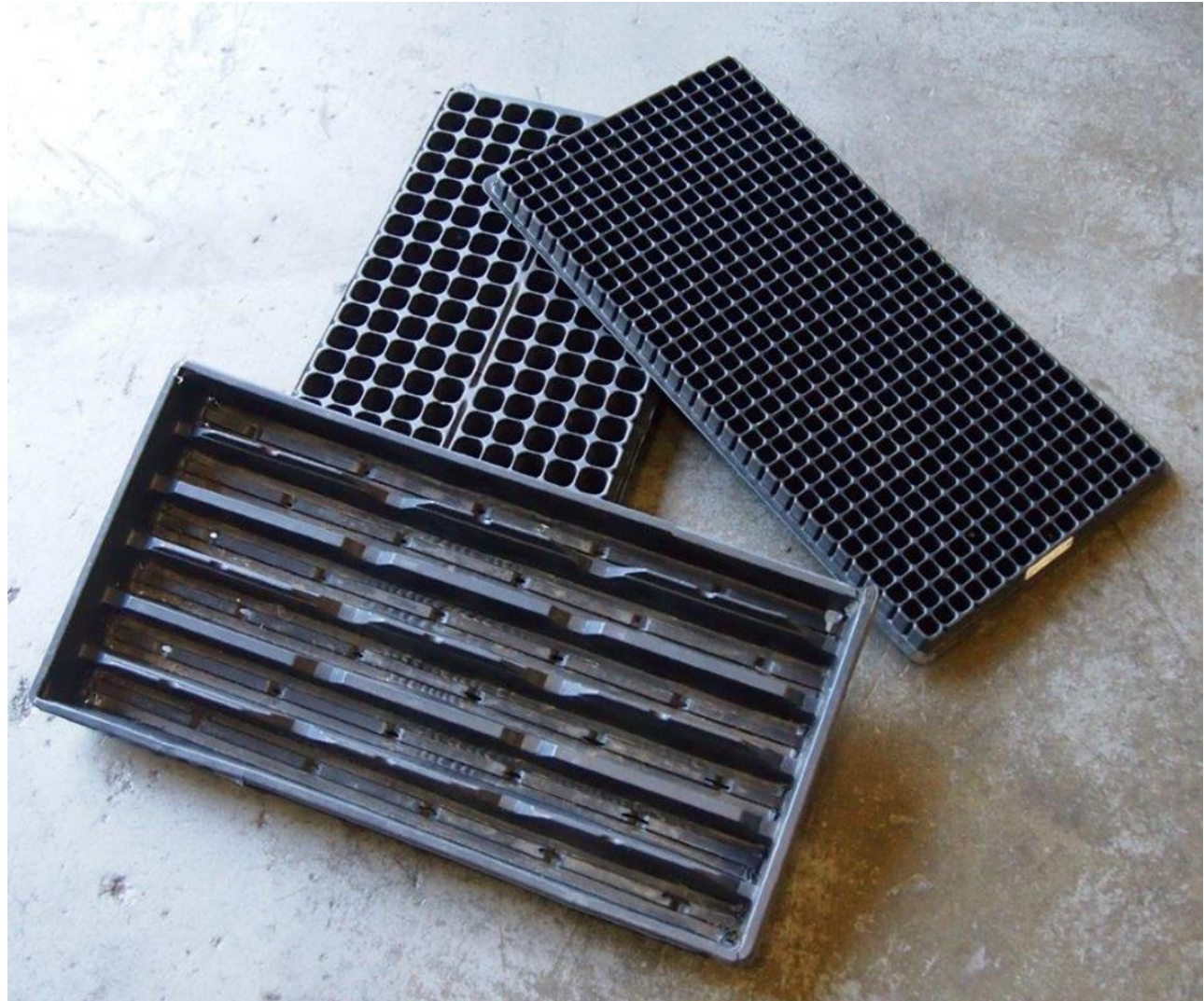
# Polystyrene Products - Residential



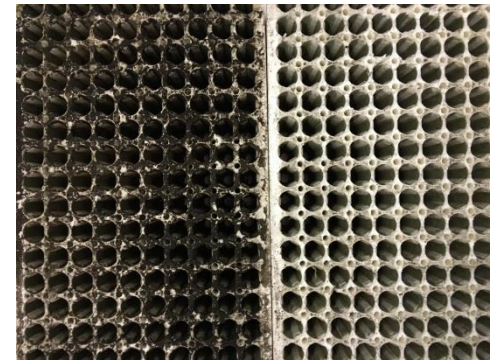
# Polystyrene Products - Commercial



# Polystyrene Products - Agricultural



# Polystyrene Feedstock - Agricultural



# Polystyrene Products - Institutional



# Management and Key Partners

## Agilyx

### Investors



### Engineering Partners



### Commercial Partners



U.S. Oil Trading LLC  
U.S. Oil & Refining Co.

## Management



### Joseph L. Vaillancourt, CEO

25 years in the energy and waste sectors including corporate venturing, finance and strategy and a serial entrepreneur. Has led the commercialization and growth of 15 environmental technologies.



### William Cooper, Chief Financial Officer

20 years in investment banking with ABN AMRO, DLJ, Seven Hills and Wedbush Securities specializing in M&A and growth financings in the sectors of industrial, environment, clean tech and med tech.



### Brian Moe, Vice President Operations

15 years in senior management positions for large companies in multiple functions including quality, engineering, manufacturing, operations, and supply chain management.



### Chris Faulkner, PhD, Vice President of Project Management and Technology

10 years of experience in energy and industrial companies where he held multiple engineering roles focused on commercialization and product deployment of technologies.



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