# PureCycle Company Overview

Georgia Recycling Coalition Annual Conference

October 27, 2025

# PureCycle's Recycled PP – A True Differentiator

## OUR PROCESS

- PureCycle uses a physical recycling process (dissolution) to recycle polypropylene (PP)
- Plastic-to-plastic solution, not chemical recycling
- No mass balance credits needed
- Lower carbon emissions vs. virgin PP or chemical recycling
- Feedstock >90% curbside waste sourced from the U.S. and Canada

## OUR PRODUCT

- Thermoforming, injection molding, BOPP film and textile grades available
- Low PE, ash content and contaminants, comparable to virgin PP
- FDA – suitable for food contact
- GreenCircle Certified's "Recycled Content Certification"
- Association of Plastic Recyclers' (APR) PCR Certification*

**BEFORE**

**AFTER**

**HPP15-100 grade of PureFive™ resin has achieved APRs PCR Certification for exceeding the 90+% recycled content requirement. It is also the base recycled content used in all blends of PureCycle's compounded resin grades.*

# Key PureCycle Milestones


**2015**

PureCycle obtains the process license and establishes headquarters in Orlando, Florida

**2021**

PureCycle becomes publicly traded on the Nasdaq as "PCT"

**2023**

Ironton Facility produces first rPP resin at commercial scale

**2024**

Denver, PA PreP Facility comes online

**2025**

PureCycle earns GreenCircle Certified's Recycled Content Certification

**2025**

Announcement of future facility in Rayong, Thailand in partnership with IRPC

**2030**

1 billion lbs. of installed capacity

**2012**

Initial design of the PureCycle process is developed by the Procter & Gamble Company

**2019**

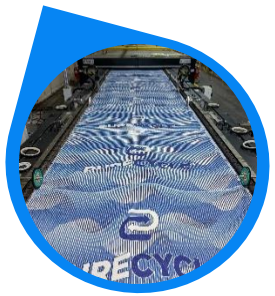
First pilot plant comes online in Ironton, Ohio

**2023**

Announces site of European Facility at Port of Antwerp-Bruges' Next District

**2024**

First commercial product (rug) manufactured from fiber made with PureFive™ resin



**2024**

1 million pounds of rPP produced in a week

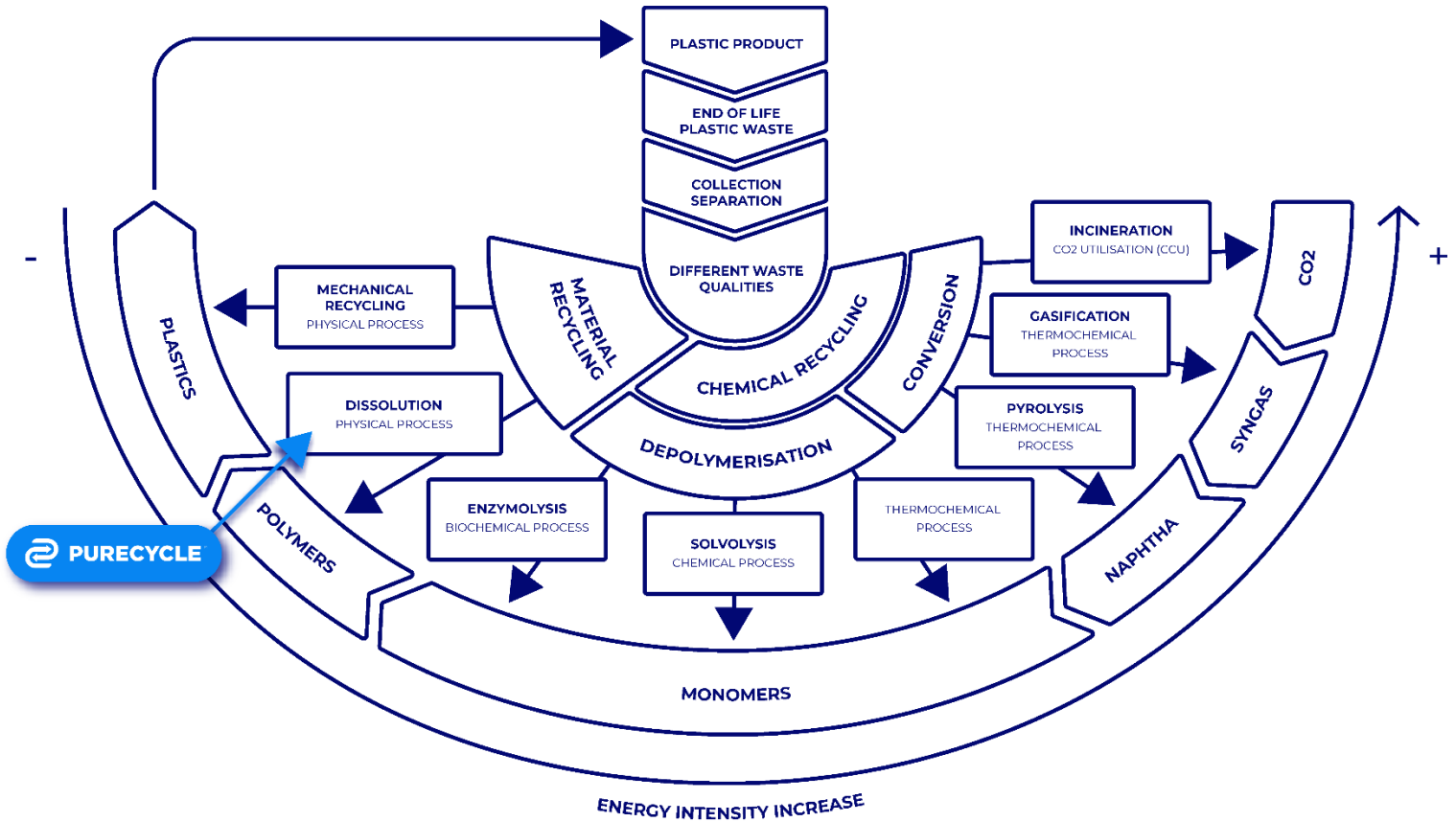
**2025**

Announcement of $300 million capital raise for future expansion sites

**2025**

Process begins to bring ≅100 million lbs. of annual compounding capacity to Ironton Facility by end of '25

# Diversity of Plastics Recycling Technologies




*Graphic via nova-institute.eu

PureCycle's dissolution recycling process is NOT chemical recycling.

Dissolution is a physical process and does not break the polymer chain.

## Key Benefits

- High product quality
- High plastic recovery rate for reuse
- Low energy usage and low carbon footprint

*Nova-institute.eu 2023 ; https://renewable-carbon.eu/publications/product/mapping-of-advanced-plastic-waste-recycling-technologies-and-their-global-capacities-short-version-pdf/*

# From Waste to 100% PureCycled Polypropylene

## Feedstock

Film

Fiber

Flakes (mixed rigids)

## Extraction

- Add Solvent

## Mixing & Settling

## Filtering

## Solvent Recovery

## PureFive™

Like-New Plastic Pellets

**Removes:**

- Odor, Residuals & Oligomers
- Polyethylene
- Solids/Non-melts
- Non-polyolefin Polymers
- Pigments/Colors, Contaminants & Small Particles
- Solvent: Recovered & Reused

# Our Ironton Facility: The First of Many

**Location:** Ironton, Ohio, USA

**Design Capacity:** 107M lbs/year

**Status:** In commercial production

**Jobs:** 75+ high-paying jobs

**Construction:** Modular for speed and cost-efficiency

**Supply Chain:**

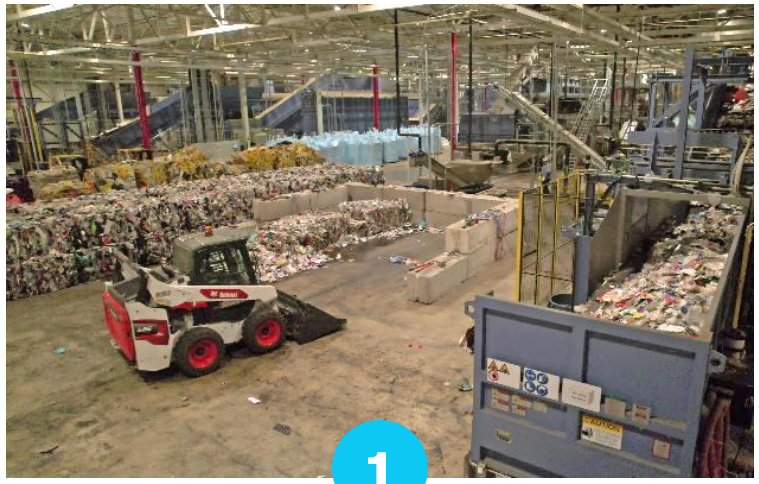
- Bag in / out
- Truck in / out
- Rail out

**Future Global Sites:**

- Augusta, Georgia, USA
- Rayong, Thailand
- Antwerp, Belgium
- Central Japan

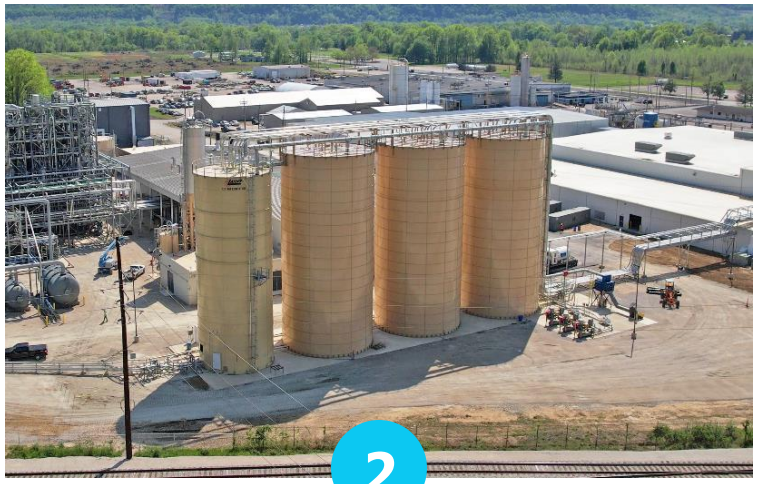
# JOURNEY TO PLASTICS CIRCULARITY

PURECYCLE™



1

**Recycled Plastic Pre-Processing**



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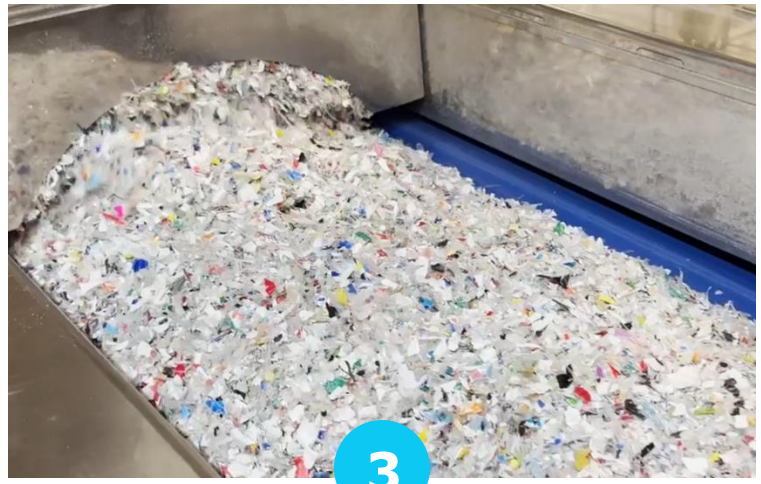
**Recycled Plastic Silos**



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**Recycled Plastic Enters Process**

4

**Dissolution Process Cleans Plastic**

5

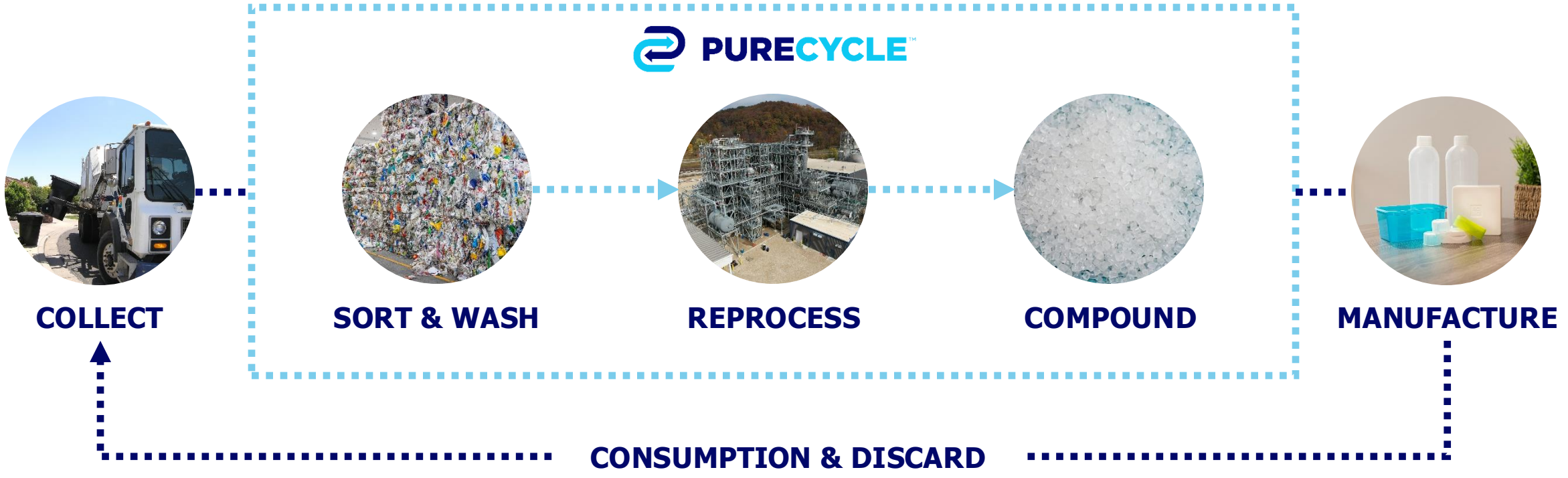
**Final Product: PureFive™ Resin**

6

**PureFive™ Resin Silos**

# PureCycle's Vertical Integration Strategy

## We Focus on Three Key Areas of the Value Chain




By controlling these key steps in the recycling supply chain, PureCycle is able to streamline our own process while simultaneously advancing the recycling for additional materials.

# PureFive™ Resin Now Available

PureFive Ultra™

PureFive Ultra™ is PureCycle's flagship brand. This product is able to meet your highest recycled content needs.

- GreenCircle Certified® - Recycled Content
- APR PCR certified
- At least 95% post-consumer recycled polypropylene
- Ultra-low PE Content (0.0 – 2.0%)
- Ultra-low Ash Content (0.0 – 1.0%)

PureFive Choice™

PureFive Choice™ is our compounded solution to meet your unique application requirements, processing demands and recycled content needs.

- GreenCircle Certified® - Recycled Content
- Available in various rPP% using PureFive Ultra™ as base resin
- Available in a wide range of MFR (2-80)
- Available as homopolymer and copolymer
- Ultra-low PE Content (0.0 – 2.0%)
- Ultra-low Ash Content (0.0 – 1.0%)

# PureFive Choice™ for Rigid Packaging: Injection Molding


PureCycle has developed multiple compounds to meet the needs of our customers by adjusting the melt flow and impact properties of the resin.

**Homopolymers**

- PureFive Choice™ HPP 15-100FN
- PureFive Choice™ HPP 45-100FN

**Impact Copolymer**

- PureFive Choice™ CPP 20-50FN
- PureFive Choice™ CPP 80-30FN
- PureFive Choice™ CPP 80-80FN

**Potential End-Use Applications**

- Dairy containers
- Beverage cups
- Caps & closures
- Storage totes

# PureFive Choice™ for Rigid Packaging: Extrusion & Thermoforming

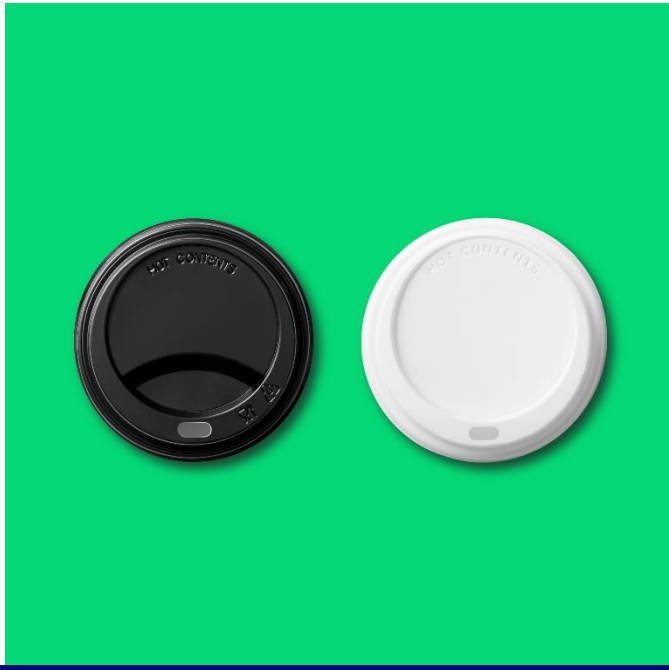
PureCycle has developed multiple compounds with and without impact modification for thermoformed applications.

**Homopolymers**

- PureFive Choice™ HPP 02-30FN
- PureFive Choice™ HPP 04-50FN
- PureFive Choice™ HPP 07-70FN

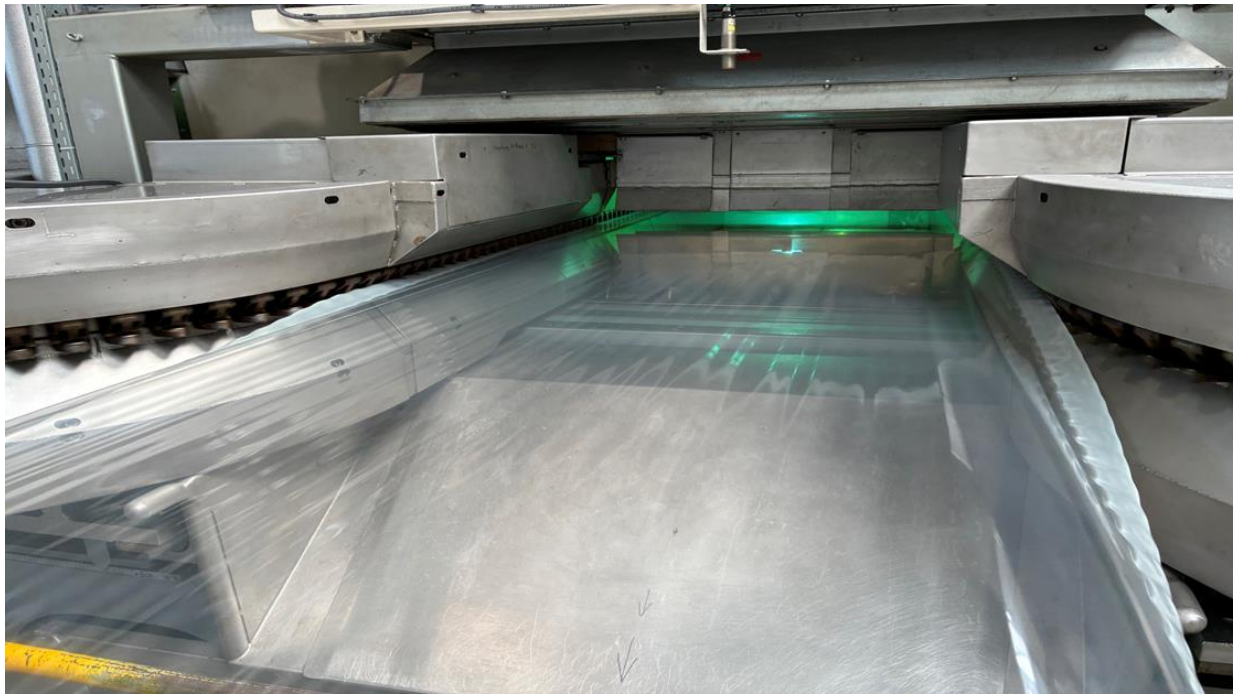
**Potential end-use applications**

- Coffee lids
- Coffee pods
- Yogurt cups
- Clamshell food containers



# PureFive Choice™ for BOPP Film

- BOPP grades are available with 30% and 50% PCR content.
  - PureFive Choice™ HPP 02-30F
  - PureFive Choice™ HPP 04-50F
  - PureFive Choice™ HPP 07-70F
- Potential end-use applications:
  - Flexible packaging (print webs and core layers)
    - Chip bags
    - Candy wrappers
  - Labels (in-mold, roll-on, etc.)
  - Adhesive tapes



# PureFive Choice™ for Multi-Filament Fiber

PureCycle has developed compounds for fiber applications

- PureFive Choice™ HPP 35-50
- PureFive Choice™ HPP 18-50
- PureFive Choice™ HPP 04-50F (Raffia)

- Potential End-Use Applications
  - Automotive
  - Apparel
  - Carpet
  - Composites
  - Pet food bags
  - FIBC (Flexible Intermediate Bulk Containers)

# PURECYCLE'S FULLY CIRCULAR PROCESS:
## CO-PRODUCT 1 & CO-PRODUCT 2

At PureCycle, we produce PureFive™ resin for our customer's products while also aiming to help expand the circular economy of plastics. During the purification process the materials that we remove are not a waste product or yield loss. These materials, or co-products 1 & 2 as we call them, are further processed and made available as circular products for interested customers.

By collecting and processing these recycled materials, PureCycle is extending their life cycle, while also diverting material from being landfilled.

**CO-PRODUCT 1**

- A waxy material with a broad melting behavior that differs from traditional PP due to low molecular weight
- Ash content less than 0.5 wt %

**CO-PRODUCT 2**

- Highly filled polyethylene material made from a blend of LDPE and HDPE
- Greater than 70 wt % PE, 10 - 20 wt % ash, and 0 - 10 wt % PP

# A Global Company for A Global Problem

# GLOBAL EXPANSION:
## SCALING THE FUTURE

**Leveraging Our First Commercial Operation To Scale Globally!**

**DENVER, PENNSYLVANIA**
SORTING FACILITY

**PORT OF ANTWERP, BELGIUM**
FUTURE PURIFICATION FACILITY

**IRONTON, OHIO**
PREP, PURIFICATION & COMPOUNDING FACILITY

**CENTRAL JAPAN**[1]
FUTURE PURIFICATION FACILITY

**AUGUSTA, GEORGIA**
FUTURE PREP & PURIFICATION FACILITY

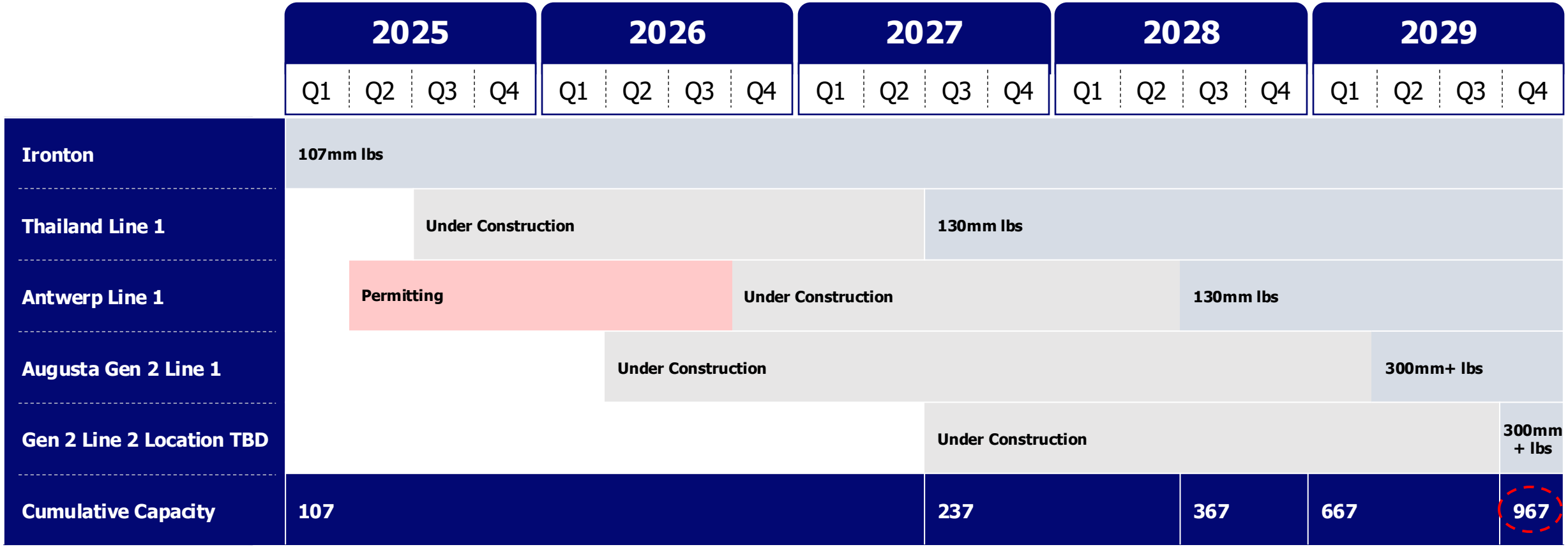
**DURHAM, NORTH CAROLINA**
R&D LABORATORY

**RAYONG, THAILAND**
FUTURE PURIFICATION FACILITY

1. Image: https://www.etsy.com/listing/202770224/earth-japan-and-korea-planet-earth

# The Path to 1 Billion lbs. of Installed Capacity

## Capacity Expansion Roadmap




*Note: Under construction includes engineering and work planning and installed capacity does not refer to actual volume production. Capacity numbers assume plants are operating at full capacity and do not indicate current output.*

# THE FUTURE OF PLASTIC WASTE IS CLEAR.

# Questions?

**Christian Bruey**
Director, Communications, Government Relations, Marketing
cbruey@purecycle.com
352-745-6120