



## Advancements in Recycling





# OUR CAN-DO CULTURE MOTIVATES OUR TEAM AND DRIVES CUSTOMER SUCCESS

## ABOUT EVERGREEN

Greenbridge division Evergreen was originally founded in 1998 to provide a sustainable, reliable supply of quality polyester resin for the company's portfolio of PET strapping. Thanks to our team, advanced recycling technologies and processes, strong customer relationships and growing capacity, Evergreen is today among the nation's largest plastic (PET) recyclers, processing more than 100 million pounds of post-consumer PET bottles a year. We are the preferred supplier of food and non-food grade rPET flake and pellets to many top global brands, helping customers increase recycled content in their plastic packaging and meet sustainability goals.

## ABOUT GREENBRIDGE

Founded in 1974, Greenbridge, formerly Polychem, is a leading provider of sustainability solutions to packaging and consumer products companies as well as municipalities across the United States due to our expertise and focus on recycling and reuse. While we're best known for producing the broadest line of polyester and polypropylene bonded and woven strapping and cord in the industry, we also offer cornerboard and a full suite of tools, parts, and fully integrated equipment we support through customer training, service and repairs. Greenbridge is committed to the safety of our team, advancing the circular economy and customer success.



### What's the Impact of All This?

- » Millions of pounds of recyclables diverted from the ocean, waterways and landfills—a better world for all.

### Our Annual Sustainability Scorecard Sets Goals, Measures Progress + Identifies New Opportunities



- » Specific business + sustainability goals
- » Driven by key metrics
- » Quarterly check-ins
- » End-of-year report
- » Actionable recommendations





## Sustainability Solutions

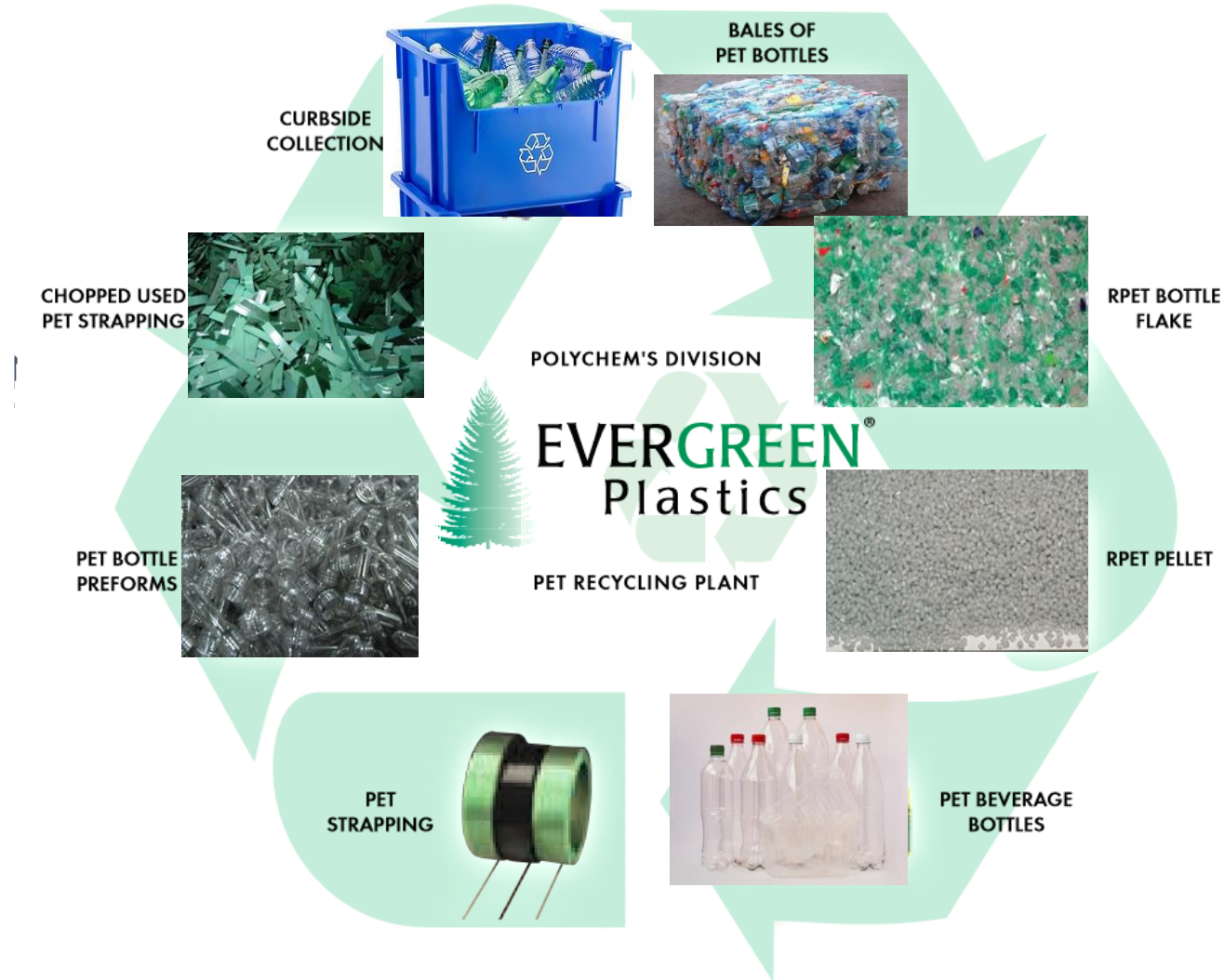
### THAT ADVANCE THE CIRCULAR ECONOMY

We all have a vested interest in eliminating waste and embracing new practices that advance the continual use of the earth's resources. But where do we start? How do we turn complex issues into simple, easy to implement solutions? Evergreen and parent company Greenridge have the answer. Leveraging our core strengths in manufacturing, recycling, technology, and services that extend the life of tools and equipment, we have developed a proactive, flexible approach that helps customers take the ideals of a circular economy and turn them into reality. And, we do so in a way that satisfies sustainability needs without sacrificing business objectives.





# Closed Loop since 1998



# Global Brand Goals

## Expected Recycled Content in Packaging



- 50% by 2030



**PEPSICO**

- ▶ 25% by 2030



- ▶ 100% by 2025



- ▶ 50% by 2025



- ▶ 25% by 2025

### rPET Content Goals in Textiles:

- Walmart
- H&M
- Adidas
- Target



\*information provided by APR

# Extended Producer Responsibility

ERP

- 4 States have laws
- 19 others States are considering
- Canada rolling it out in 3 phases - 2025
- Content Laws



# AMP Robotics

Innovative technology that provides consistent quality input to our pelletizing lines.

Using AI has allowed for continuous improvement in our sorting process.

These accuracy and efficiency initiatives were critical for the success of our expanded capacity.





# Expanding Capacity, Expanding Impact



- 40 Million pounds of capacity.





# ViscoStar Solid State Polycondensation

- Constant Adjustable IV Increase
- Decontamination Technology Producing Outstanding Values
- Superior Color & AA Values
- 100% Process Traceability
- Underwater Pelletization
- Spherical Pellets



# Magnetic Ink

**1. Shrink Sleeve labels are a big problem**

**1. PETG**

**2. PVC**








**3. Other**

**4. Hard to separate the label from the plastic**

**2. Magnetic ink could allow easier separation  
with existing equipment**



# Refresher Course

Plastic Resin Identification Codes						
 PETE	 HDPE	 PVC	 LDPE	 PP	 PS	 OTHER
Polyethylene Terephthalate	High-Density Polyethylene	<del>Polyvinyl Chloride</del>	<del>Low-Density Polyethylene</del>	Polypropylene	<del>Polystyrene</del>	<del>Other</del>

1. Don't collect your recyclables in a bag
2. Coffee Creamer Bottle – Great bottle but remove the PETG label
3. Thanks for removing the label – Why did you stick it inside the bottle?
4. Iced Tea Bottle – Great bottle but remove the PETG label and metal cap
5. Other concerns - Spray triggers and glued on labels
6. No Brake Rotors Please





# Refresher Course (Cont.)

## New Labels



Widely Recycled



Limited Recycling




\* Not recycled in all communities



Not Yet Recycled



Store Drop-Off

		Rinse Before Recycling
		
PAPER BOX	PLASTIC WRAP	PLASTIC TRAY

how2recycle.info

\*Not recycled in all communities

