



D6

**Design
Manufacture
Recycle**

with **Intent.**



D6 Overview

Fastest design-to-market plastic manufacturer in the industry

Vertically integrated with transparent closed-loop ownership

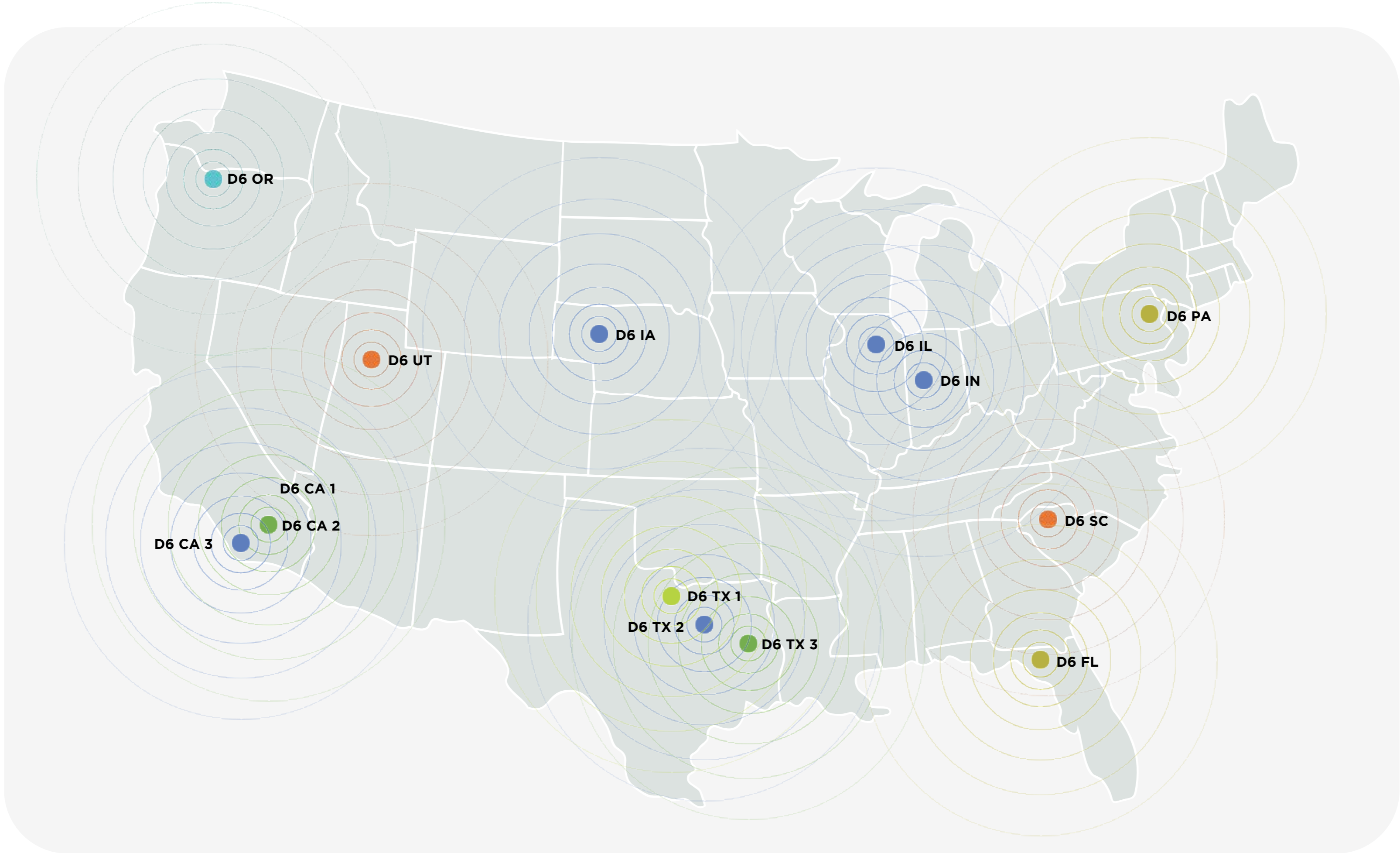
Innovative think tank for sustainable plastic and aluminum solutions

Working towards being carbon-negative by 2035+



D6 Current US Network

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- Recycling**
D6 TX 3
D6 CA 2
- Recycling + Manufacturing**
D6 TX 1
- Recycling + Manufacturing + Distribution**
D6 OR
- Manufacturing + Distribution**
D6 CA 3
D6 TX 2
D6 IL
D6 IA
D6 IN
- Distribution**
D6 UT
D6 SC
- Pending**
D6 PA
D6 FL

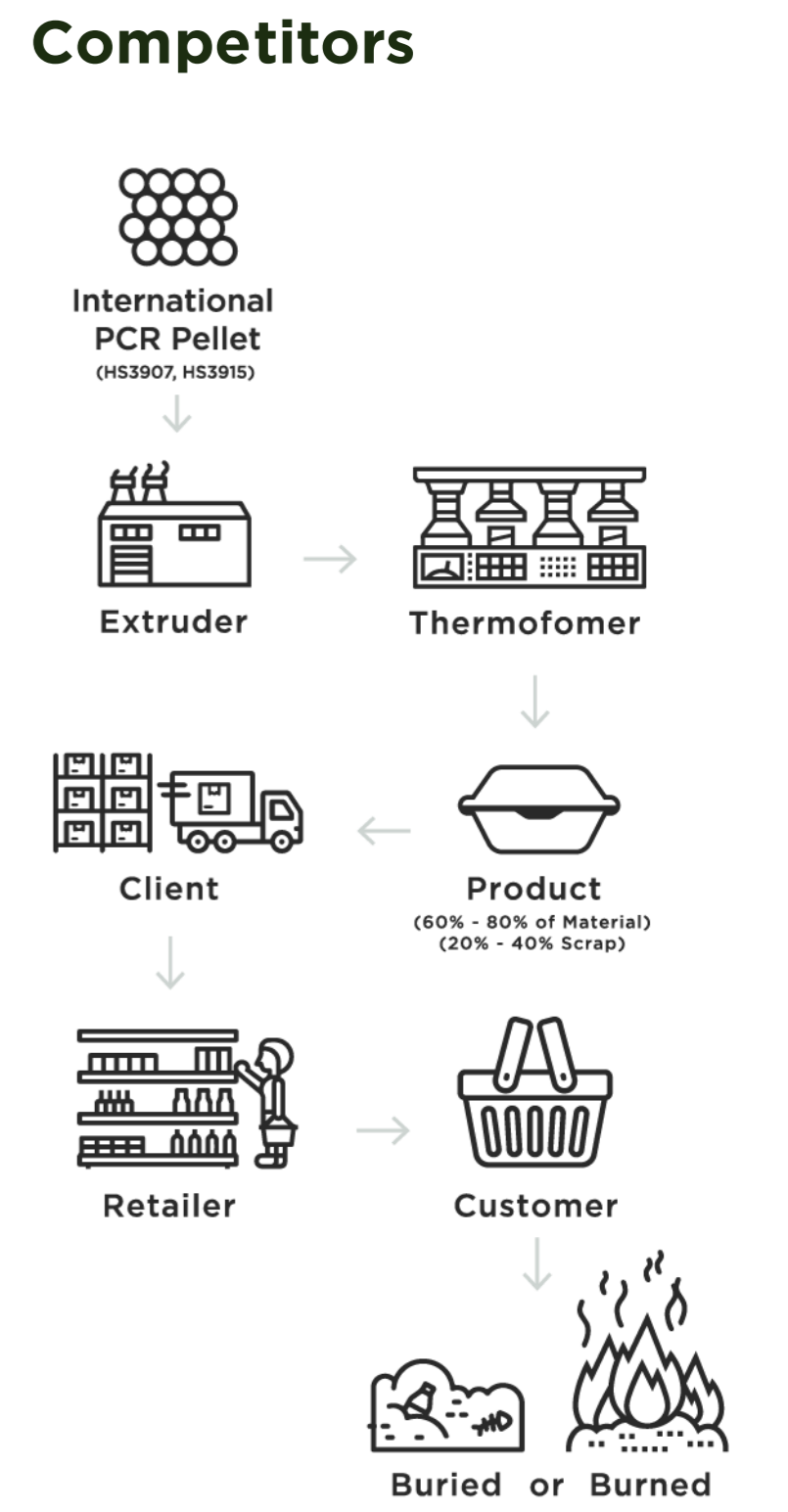
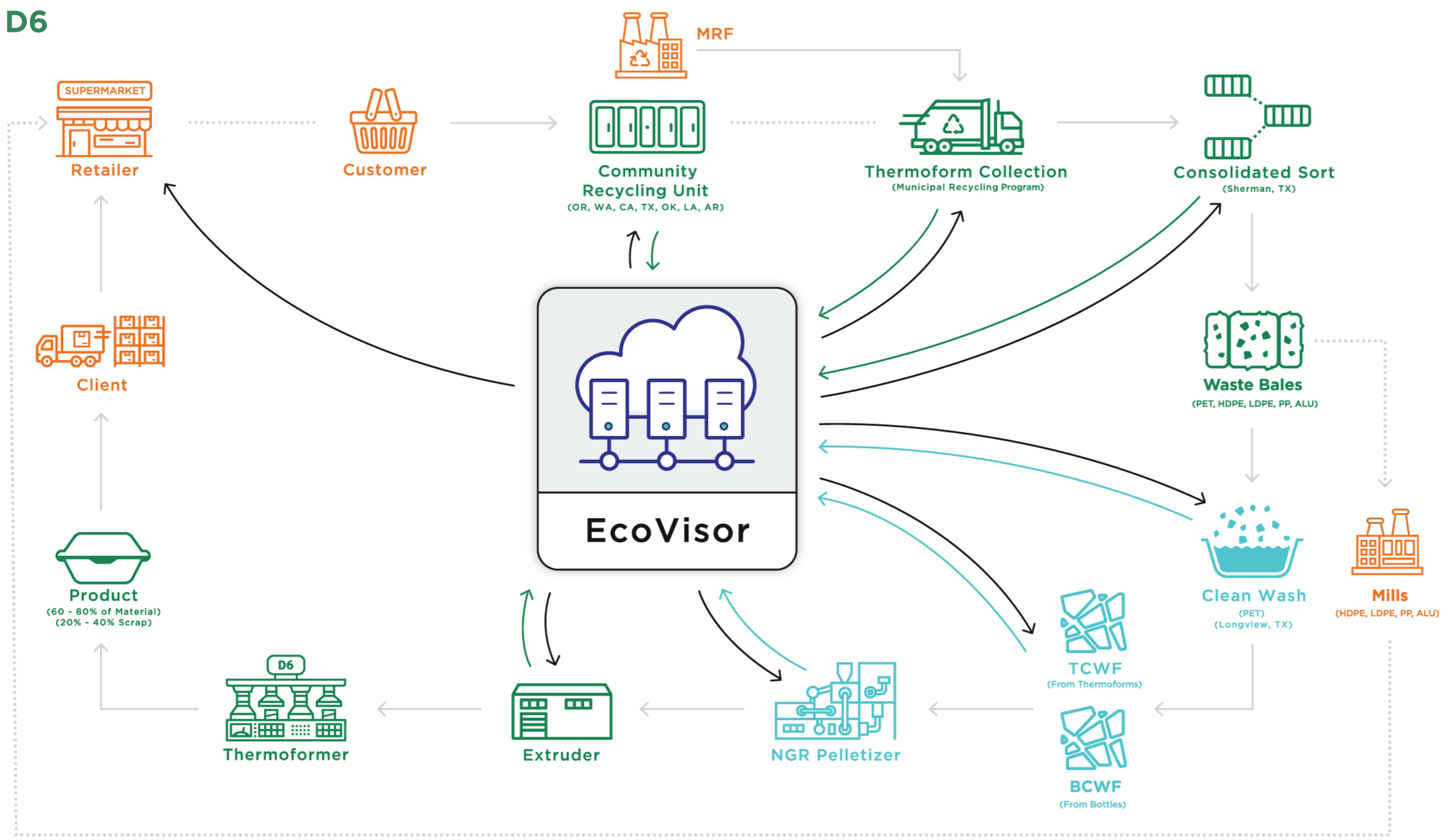
D6 vs Industry

● Competitors

● D6

- Wash Line process
- Controlled and Vertically Integrated

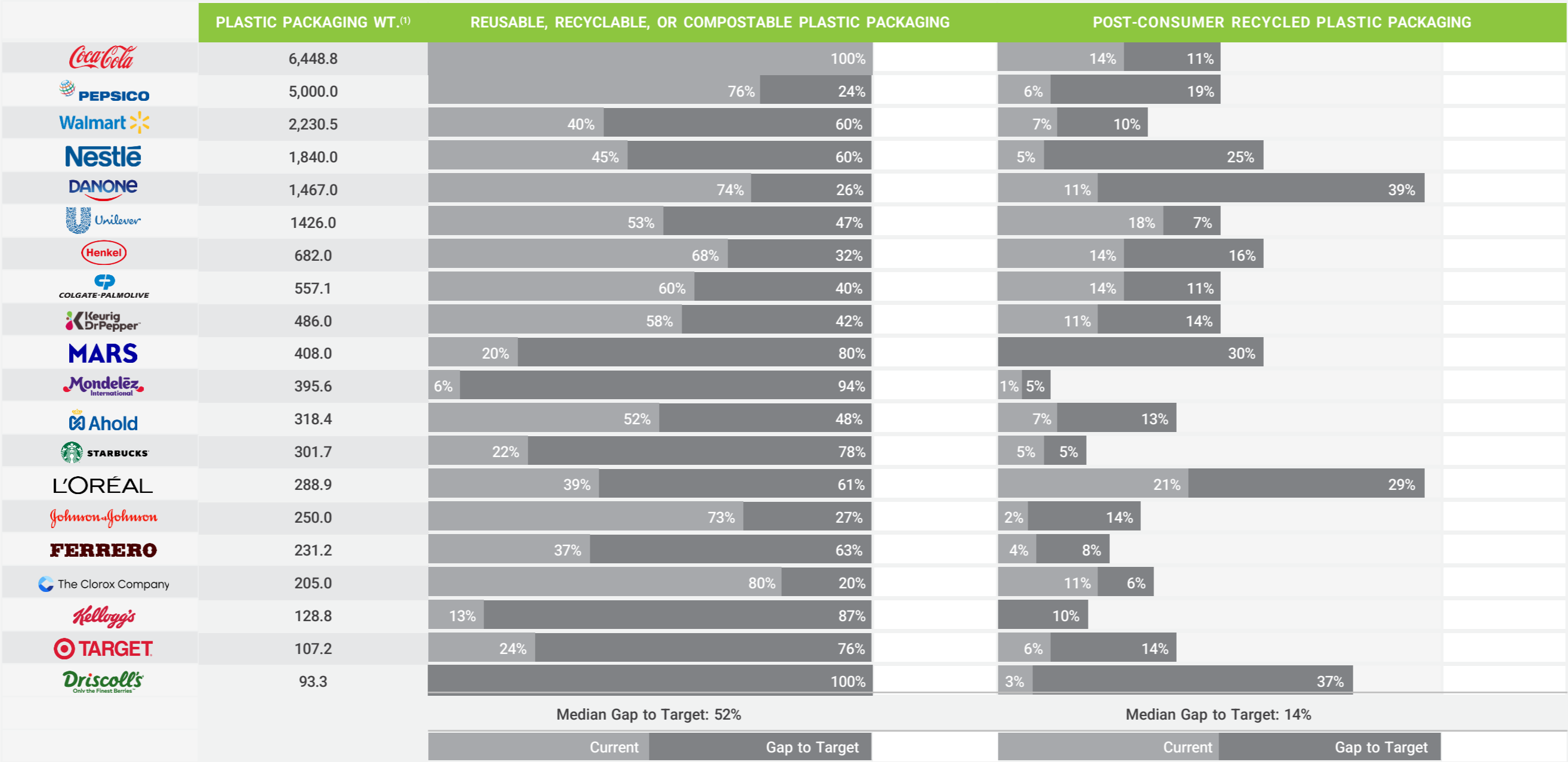
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Businesses want to help, but they’re falling short

Industry Outlook

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With volatility in post-consumer material availability and unproven capabilities of alternative resin providers and chemical recyclers, D6 is the pure-play bridge to attaining ESG packaging commitments.

The top 20 corporate consumers of plastic packaging represent ~30% of total plastic packaging production.

Such brands have committed to 100% recyclable plastic packaging by 2025, with varied targets surrounding PCR plastic packaging.

73% of S&P 500 companies are now tying executive compensation to ESG performance.

Sources: Ellen McArthur Foundation Global Commitment Progress Report 2022.

Sources: Harvard Law “Linking Executive Compensation to ESG Performance”.

Measured in millions of pounds

Pending State & Federal Legislation

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** <https://www.plasticsnews.com/news/us-shifts-plastics-treaty-position-back-production-limits>
** https://static1.squarespace.com/static/64260ed078c36925b1cf3385/t/675367976db4842d3ae3ce43/1733519262653/Final_OR_PP3.pdf **<https://dart.deloitte.com/USDART/home/publications/deloitte/heads-up/2024/sec-climate-disclosure-requirements-ghg-emissions-executive-summary>

EPR Fees on Packaging

Empty Package Weight (WT.)

Material

Draft Low/High Fees based upon material & package weight

See reference link below



Gary Cohen
Volunteer Outreach Director
Reimagine Packaging Tennessee

Pkg WT.
4.4 oz.

Paper - Paperboard



★★★★★ (295)

\$5⁹⁹ **\$.03**

 SNAP EBT
General Mills Fruity Cheerios Large Size Cereal
14.2 oz

Pkg WT.
4.8 oz.

PET - #1 Clear



★★★★★ (17607)

\$5⁹⁹ **\$.17 to \$.23**

 SNAP EBT
Coca-Cola Classic Soda Bottles 6-pack / 16.9 oz


Pkg WT.
4.4 oz.

HDPE - #2 Colored



★★★★★ (41)

\$3²⁹ **\$.17 to \$.23**

 SNAP EBT
Kroger Vitamin D Whole Milk Gallon

Pkg WT.
10 oz.

Plastic - Rigid PP



★★★★★ (41)

\$3⁰⁰ **\$.32 to \$.43**

 SNAP EBT
Fresh Cut Mixed Melon

Pkg WT.
15.4 oz.

HDPE - #2 Colored



★★★★★ (295)

\$19⁹⁹ **\$.19 to \$.25**

 SNAP EBT
Tide Original Scent Laundry Detergent
132 fl oz


Pkg WT.
1.5 oz.

PP - #5 Containers



★★★★★ (17607)

\$4⁹⁹ **\$.44 to \$.58**

 SNAP EBT
Simple Truth Organic Plain Nonfat Greek Yogurt Tub
32 oz


Pkg WT.
4 oz.

Paper / Fibre Gable Top




★★★★★ (41)

\$3⁹⁹ **\$.29 to \$.39**

 SNAP EBT
Simple Truth Organic 2% Reduced Fat Milk Half Gallon
½ gal

Pkg WT.
9.8 oz.

Plastic - Rigid PET



★★★★☆ 3.3 (46)

\$6⁹⁹ **\$.55 to \$.74**

 SNAP EBT
Private Selection Fresh Colossal Blueberries

Oregon RMA Fees

Aluminum Containers

\$0.06-0.08/lb

(Plus Container deposit \$0.10/can)

Glass

\$0.10-0.14/lb

Paper/ Fiber Packaging

\$0.03-0.43/lb

Plastic - Rigid PET

\$0.17-0.78/lb

Steel Containers

\$0.03-0.98/lb

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Changes to Oregon EPR Fees

Proposed Fees (CAA Oregon Plan 3rd Draft)
vs. Implementation (Final Draft)

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Original Fee
(12/6/24)
\$.01

Current Fee
(2/21/25)
\$.03

200% Increase



Original Fee
(12/6/24)
\$.07

Current Fee
(2/21/25)
\$.23

229% Increase



Original Fee
(12/6/24)
\$.06

Current Fee
(2/21/25)
\$.17

183% Increase



Original Fee
(12/6/24)
\$.05

Current Fee
(2/21/25)
\$.43

760% Increase



Original Fee
(12/6/24)
\$.04

Current Fee
(2/21/25)
\$.58

1,350% Increase



Original Fee
(12/6/24)
\$.24

Current Fee
(2/21/25)
\$.25

4% Increase



Original Fee
(12/6/24)
\$.10

Current Fee
(2/21/25)
\$.39

290% Increase



Original Fee
(12/6/24)
\$.08

Current Fee
(2/21/25)
\$.74

825% Increase



Original Fee
(12/6/24)
\$.06

Current Fee
(2/21/25)
\$.14

133% Increase



Original Fee
(12/6/24)
\$.03

Current Fee
(2/21/25)
\$.05

67% Increase

Proposed EPR Fees

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Colorado Fees

As of 6/25/25
(Same as originally proposed in OR)

Aluminum Containers

\$0.04-0.05/lb

Glass

\$0.02-0.06/lb

Paper/Fiber Packaging

\$0.07-0.77/lb

Plastic – Rigid PET

\$0.15-0.35/lb

Steel Containers

\$0.05-.06/lb

Maine Fees

As of 12/5/24

- For recyclable materials:
 - Producer pays average per ton cost, per ton produced based on previous calendar year
- For non-recyclable materials:
 - Producer pays twice average per ton cost, per ton produced
- Incentive Fee
- Toxicity Fee
- Reduction of Litter Fee
- Labels

States

As of 12/5/24

- Pending state needs assessments:
 - Maryland
 - Minnesota
- **California**
 - CAA to set base fees with CalRecycle

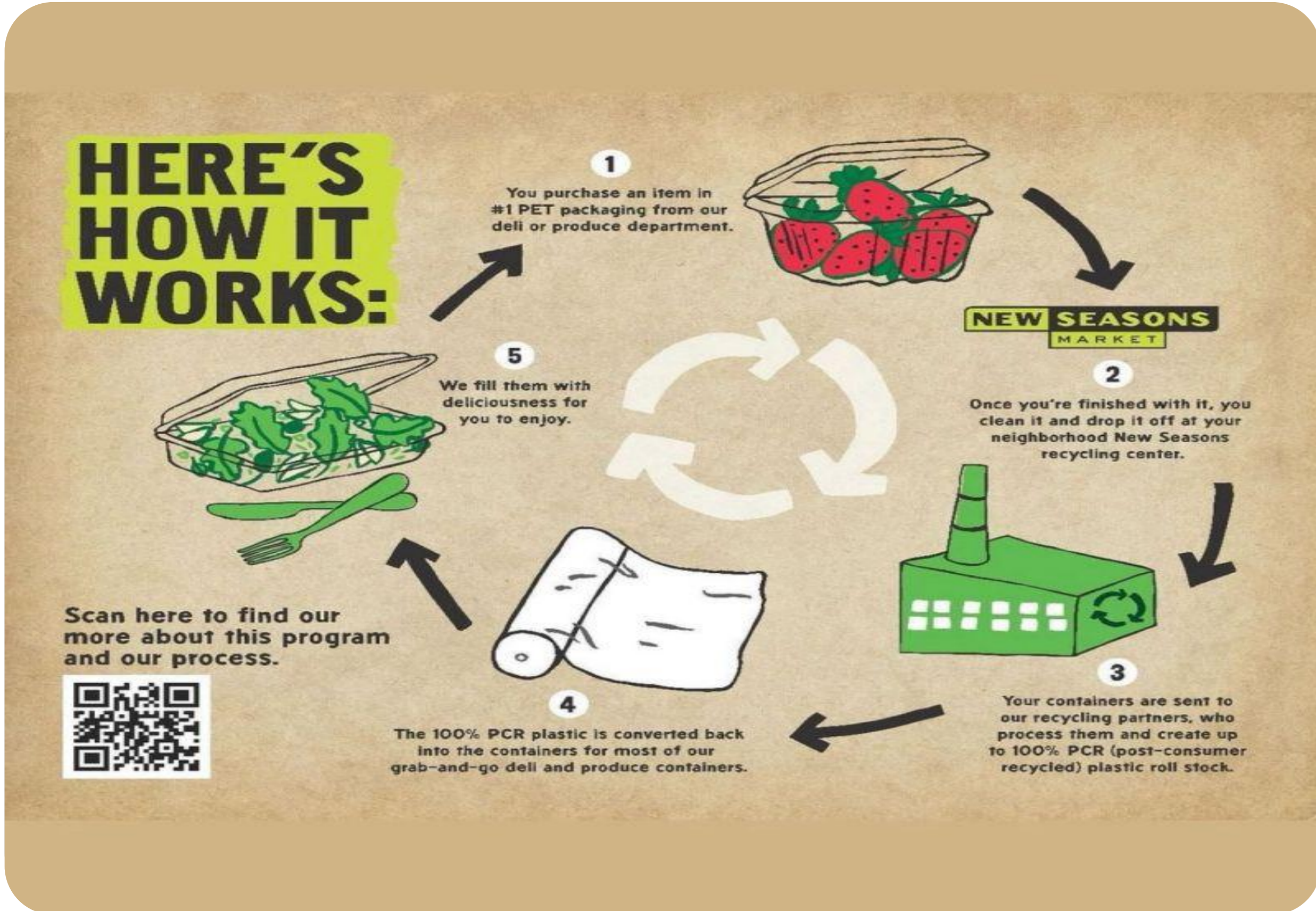
New Seasons Recapturing Program

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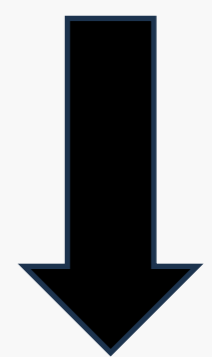


New Seasons In-House Thermoform Recycling Program

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500,000+ lbs/
240+ tons recycled
since 2022



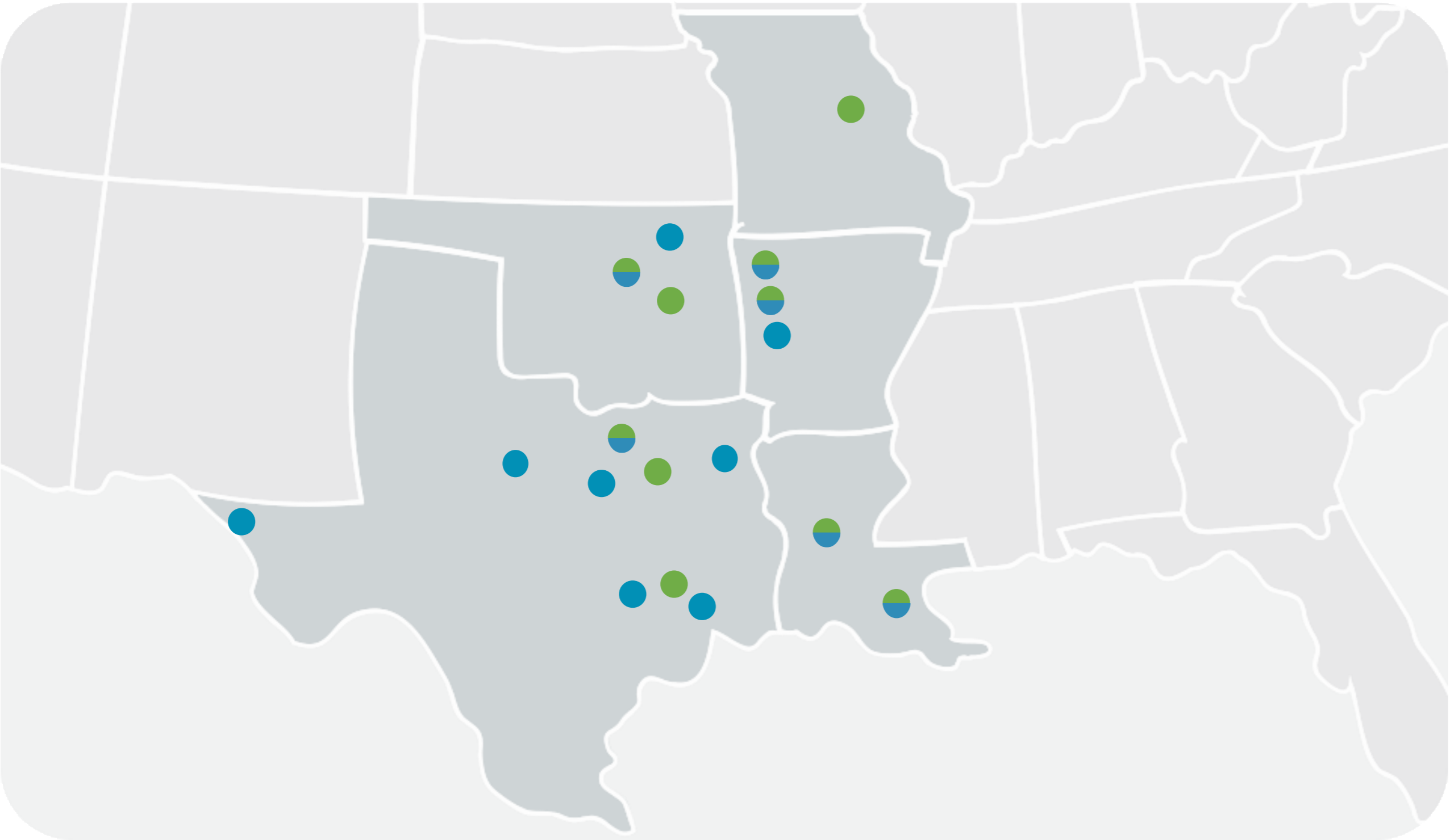
173,500+ lbs/
90+ tons
PCR containers
manufactured
(**100% PCR in 2024**)

 **2024:**
36.1 mt CO2 offset

CRU Recapturing System

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● Partner 1 ● Partner 1 & 2 ● Partner 2



Locations	Partner 1	Partner 2	Total
Texas	9	14	23
Arkansas	3	4	7
Oklahoma	7	7	14
Louisiana	7	5	12
Missouri	2	0	2
Puerto Rico	3	0	3
Total	31	30	61

Medium (20 ft. container)

Community Recycling Unit (CRU)

Sponsorships to offset costs

Highlight community and local businesses

Customization available

8 Doors, 6 Material Streams



20' X 8.5' X 8' (4 Parking Spaces)

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Community Recycling Program

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Cost Comparison

Community Recycling Unit

Accessible to entire City

Lowest cost option:
\$0.19/resident
(16,969** residents in HC)

Potentially zero cost to taxpayers

First Rural Market Recycling Program in Texas

Cost Comparison

based on population and household data for municipal recycling services

Dallas : \$16/resident/mo

Little Rock : \$12/resident/mo

Oklahoma City: \$11/resident/mo

New Orleans: \$10/resident/mo

Albuquerque: \$8/resident/mo

Additional Benefits

Paid advertisement for businesses to participate

Access for all community types (rural, suburban, urban areas)

Community-driven

Auditable data reporting (EcoVisor)

CRU costs per consumer: \$2.28 vs. \$219.96 annually in TX

98.9% cheaper to operate CRU vs. curbside recycling program

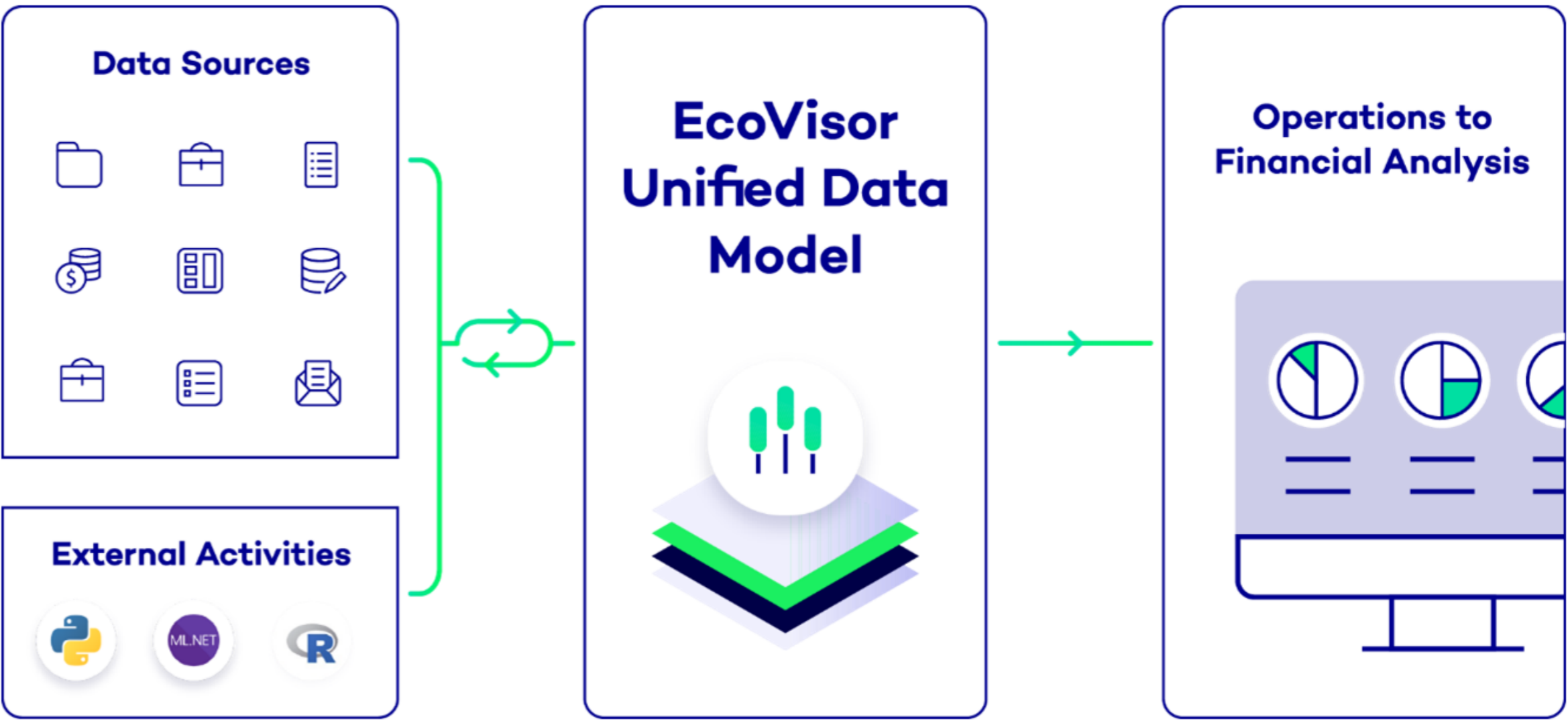
Collected, Recycled, and Remanufactured in Texas

Extends life of landfills

EcoVisor is a software-as-a-service (SaaS) platform which amplifies and automates the flow of data and analytics across multiple applications and data sources utilizing a unified data model.


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- Unified & open architecture (UDM)
- Enhances data utilization / cleansing
- Collaborates with external ecosystem
- Delivers analytics expertise
- Commercially deployable, ready to use
- Microsoft Azure-based
- Bi-directional API




Strategic Benefits of EcoVisor Platform

All of your data in one place. Create a universal view for your entire organization.




Unify Your Data

Easily unify disparate data sources into one all-encompassing workspace.




Analyze For Insight

Refine and analyze your data as a team to enable better, faster decision-making.



Visualize For Understanding

Apply business logic and outcomes defined by your organization to create powerful visualizations.



Optimize For Action

Contextualize your data to deliver insight for action.

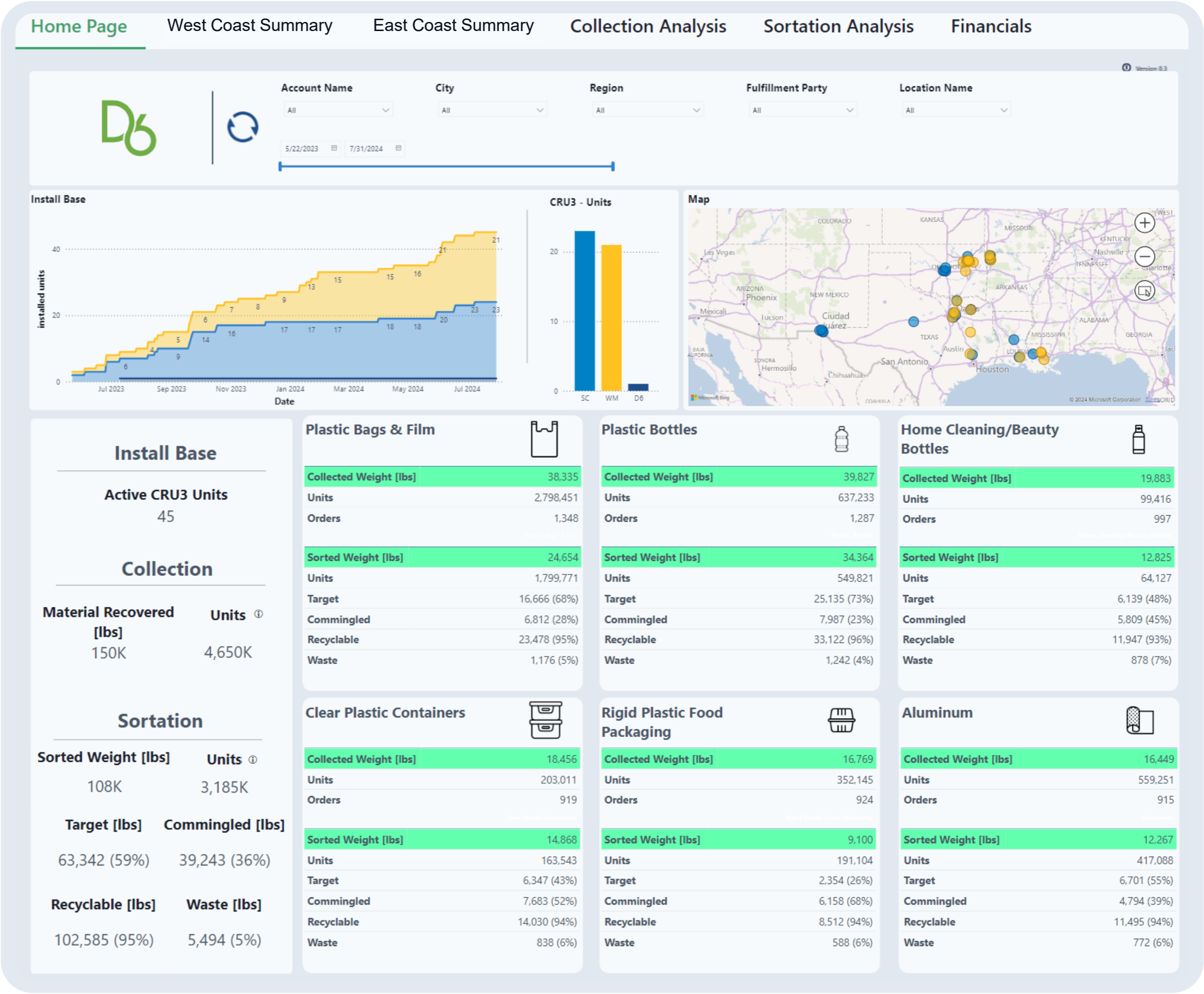


CRU Dashboard

Can fully customize dashboards and reports based on criteria you select.

Collection data is uploaded by D6 and instantly available for analysis.


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CRU Dashboard

User can filter data for specific Account Name, City, Region, Fulfilment Party and/or specific CRU Unit and adjust it by time window of interest.

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Account Name

All

City

All

Region

All

Location Name

Multiple selections

Fulfilment Party

All

Material Type

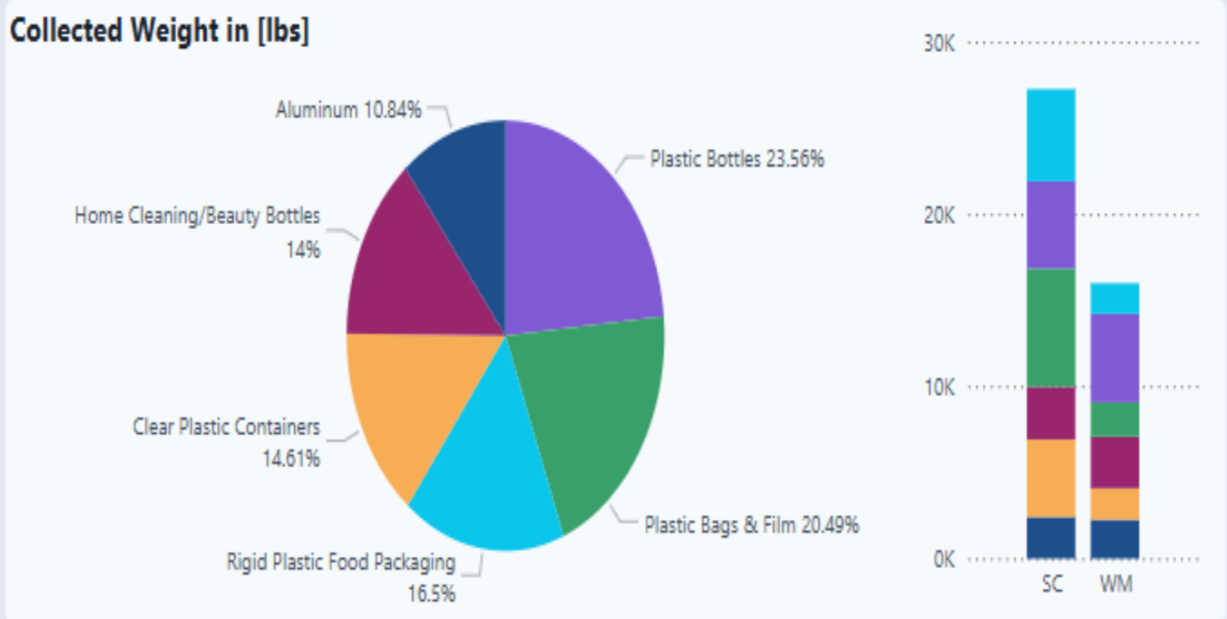
All

5/22/2023

5/22/2024

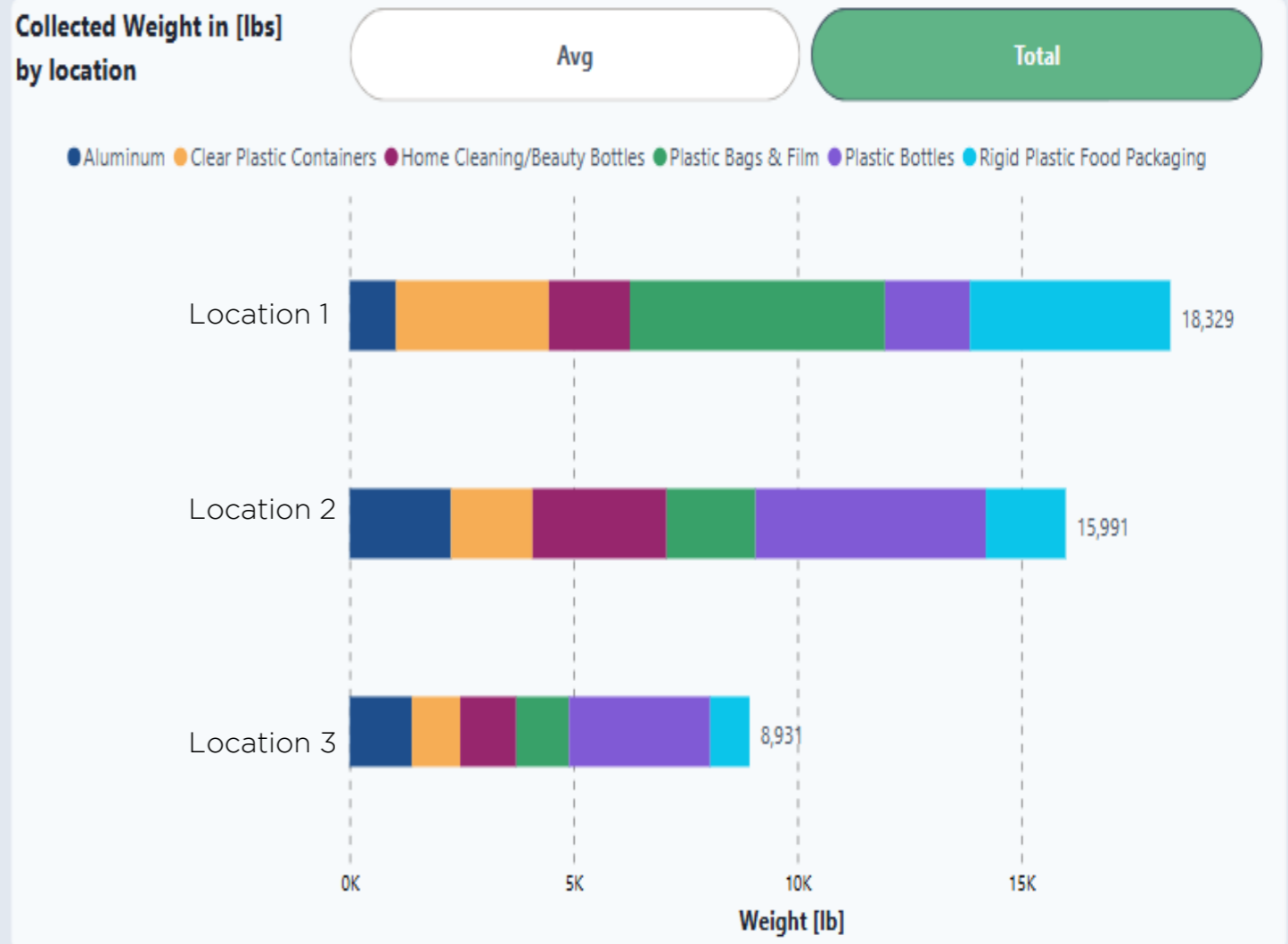
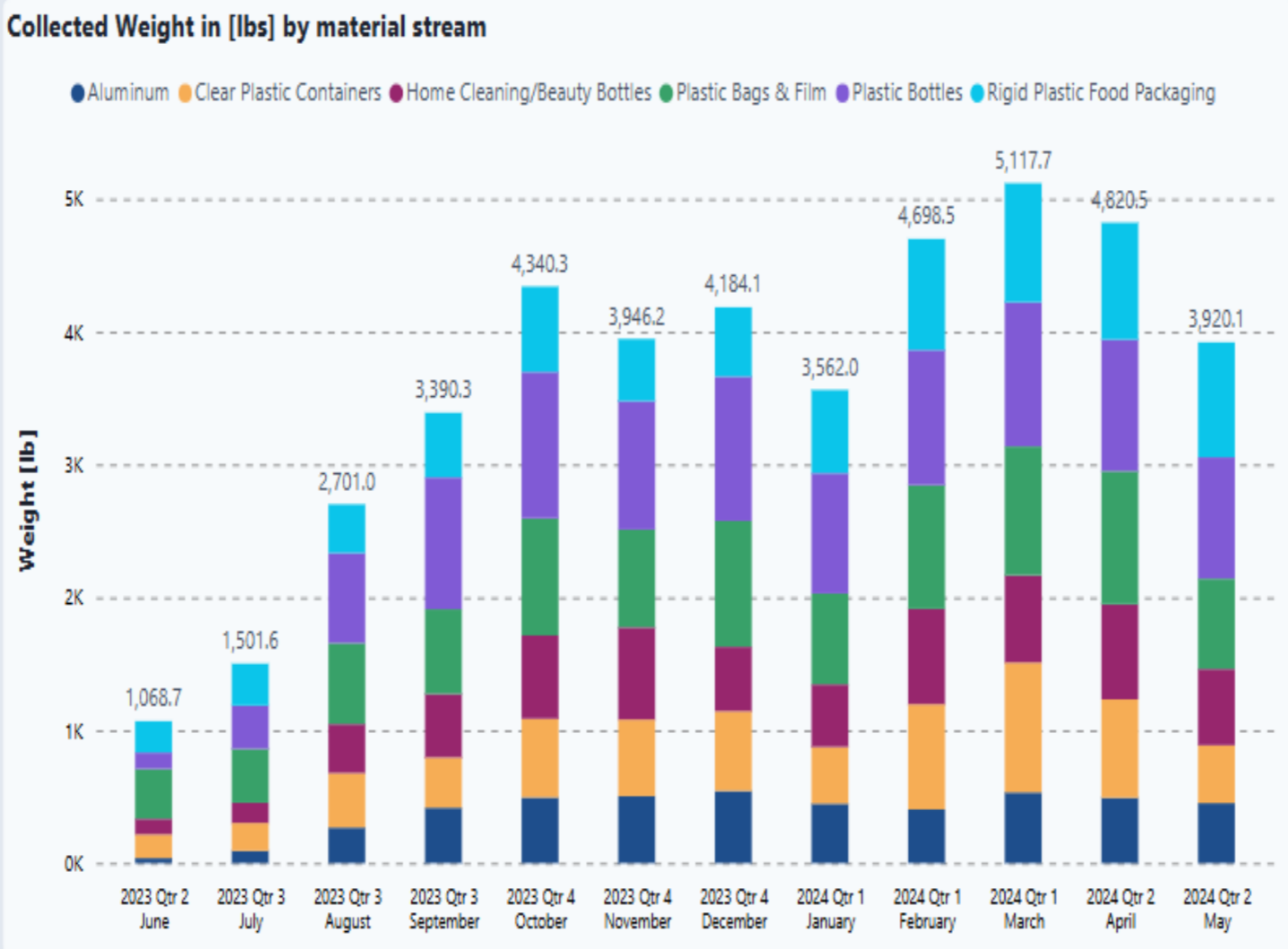
lbs

units

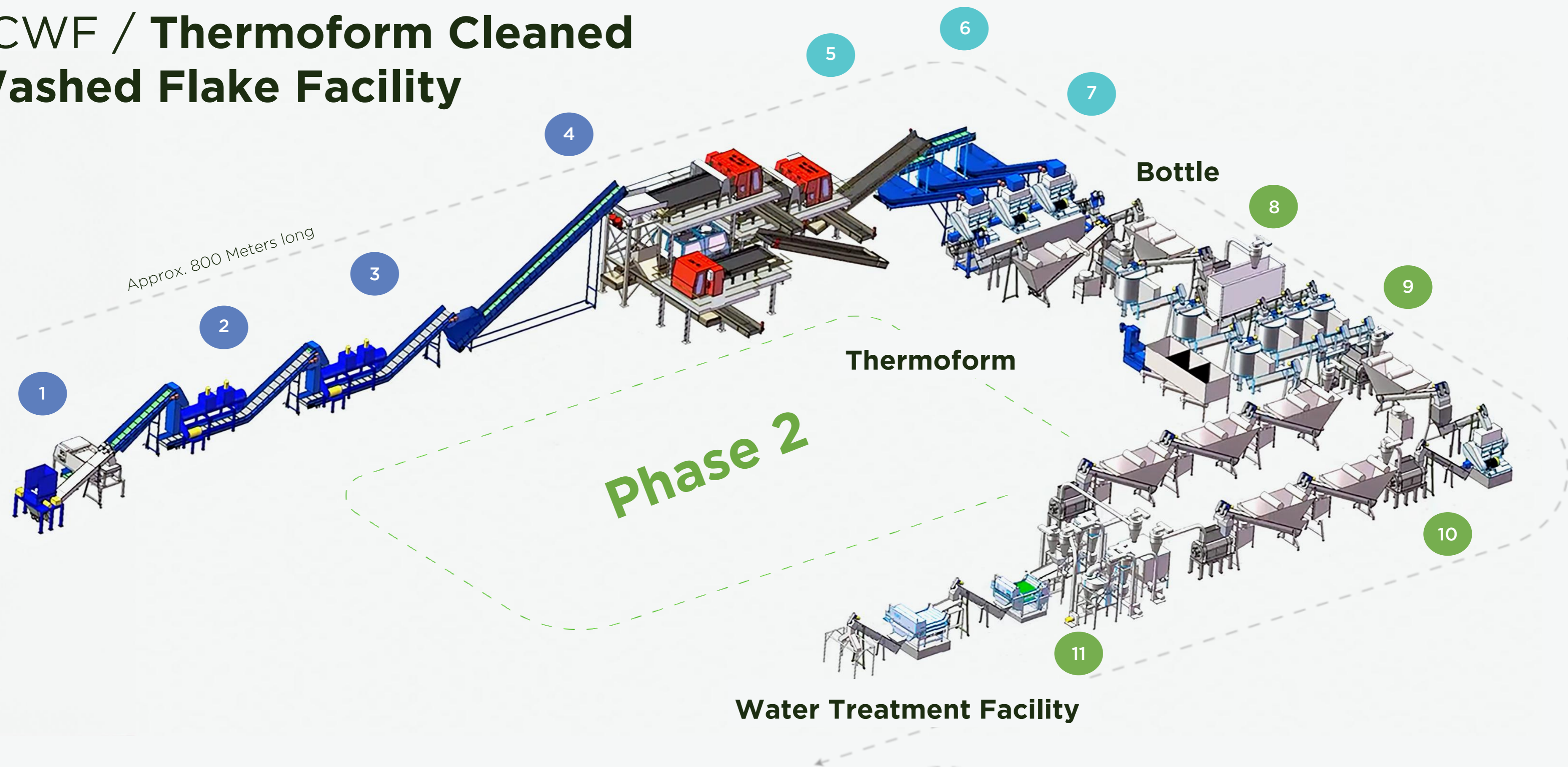


Collected Weight in [lbs]

Region	Total	Avg per Order	Weeks in Service	Weekly Pick-up Frequency	Area Population
Region 1	24,922	164	101	1.1	51,512
Location 1	15,991	208	91	1.5	25,724
Location 2	8,931	119	101	0.8	25,788
Region 2	18,329	201	99	1.8	28,832
Location 3	18,329	201	99	1.8	28,832
Total	43,251	178	101	1.3	80,344



TCWF / Thermoform Cleaned Washed Flake Facility



- 1 Debaler
- 2 Material Trommel
- 3 Delabeler
- 4 Optical Sorters & Eddy Current Separator

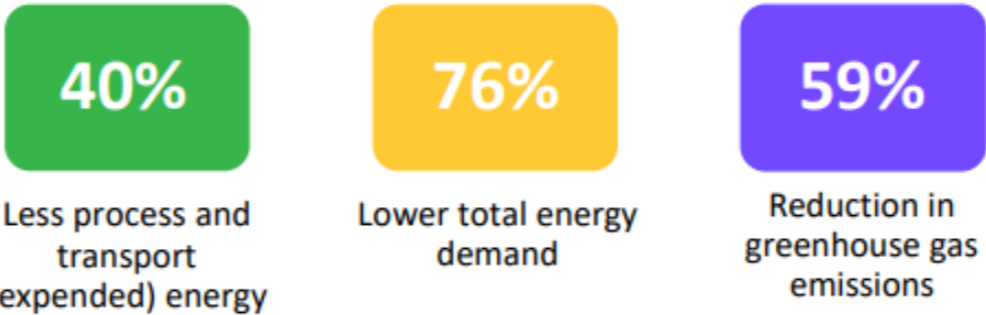
- 5 Tray/Bottle Sortation
- 6 Material Grinding Point
- 7 Flake Sortation

- 8 Gravity Tank
- 9 Hot Washing Tank
- 10 Impurity Cleansing Tanks
- 11 Post Consumer PET Bagging Station

Endless Upcycling Possibilities



Each unit of recycled PET that replaces virgin results in:



2,168 tons of GHGs avoided by recycling 200,000 PET bottles daily.



Approximately 1.6 billion pounds of clean, recycled PET went back into the economy as new products—like those pictured above—in the U.S. and Canada in 2018.

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Retail Ready RFID

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Retail Ready RFID

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Kroger adopts Avery Dennison RFID sensors for fresh, waste-free food supply

28 OCTOBER 2024

Avery Dennison has partnered with The Kroger Co. to achieve item-level digital identification via RFID – aiming to keep food fresher, lessen waste, and help associates optimize their time by automating inventories.



SUSTAINABLE PACKAGING | RECYCLING

RFID at the Intersection of Sustainable and Smart Packaging

RFID labels present substantial opportunities and challenges alike to packaging's sustainability chops. Experts are bullish on overcoming obstacles around material miscibility, and unlocking the sortation-improvement potential that RFID labeling poses.

By — Matt Reynolds

Sep 13, 2024

Tagged TX Test



RFID & Mechanical Recycling

90% Reduction in need for Optical & infrared Equipment

Reduce future buildout facilities by 40%

99.999% accuracy of pull

Potential Gold standard for recycling and sortation

REM “Responsible End Market”

REM Qualifications for CAA

REM Requirements

Compliant

(labor, health, and safety requirements)

All necessary permits for REM status are underway for the new Omni Recycling Center, our wash facility in Longview

Transparent

(auditable, chain of custody tracking from intake to output)

We are already doing this with EcoVisor: track material from pickup to production; also allowing customers to use this tech to enhance tray-to-tray recycling

Environmentally-sound

(auditable, safe, water treatment)

Not only are we diverting tons of waste from landfills with our CRU program, our Omni Recycling Center has a self-contained water treatment system: no water gets pulled from municipal systems and runoff is not put back into local systems

Achieves Adequate Yields

(at least 60%, D6 is at 90%)

The baseline 60% recyclability is being blown away by our rates that are consistently above 90%; our most recent CRU collection showed an average 95% yield

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Carbon Negative Strategy

Working towards becoming carbon negative by 2035+.

Transparency

(Vertically Integrated Waste Stream)

Traceability

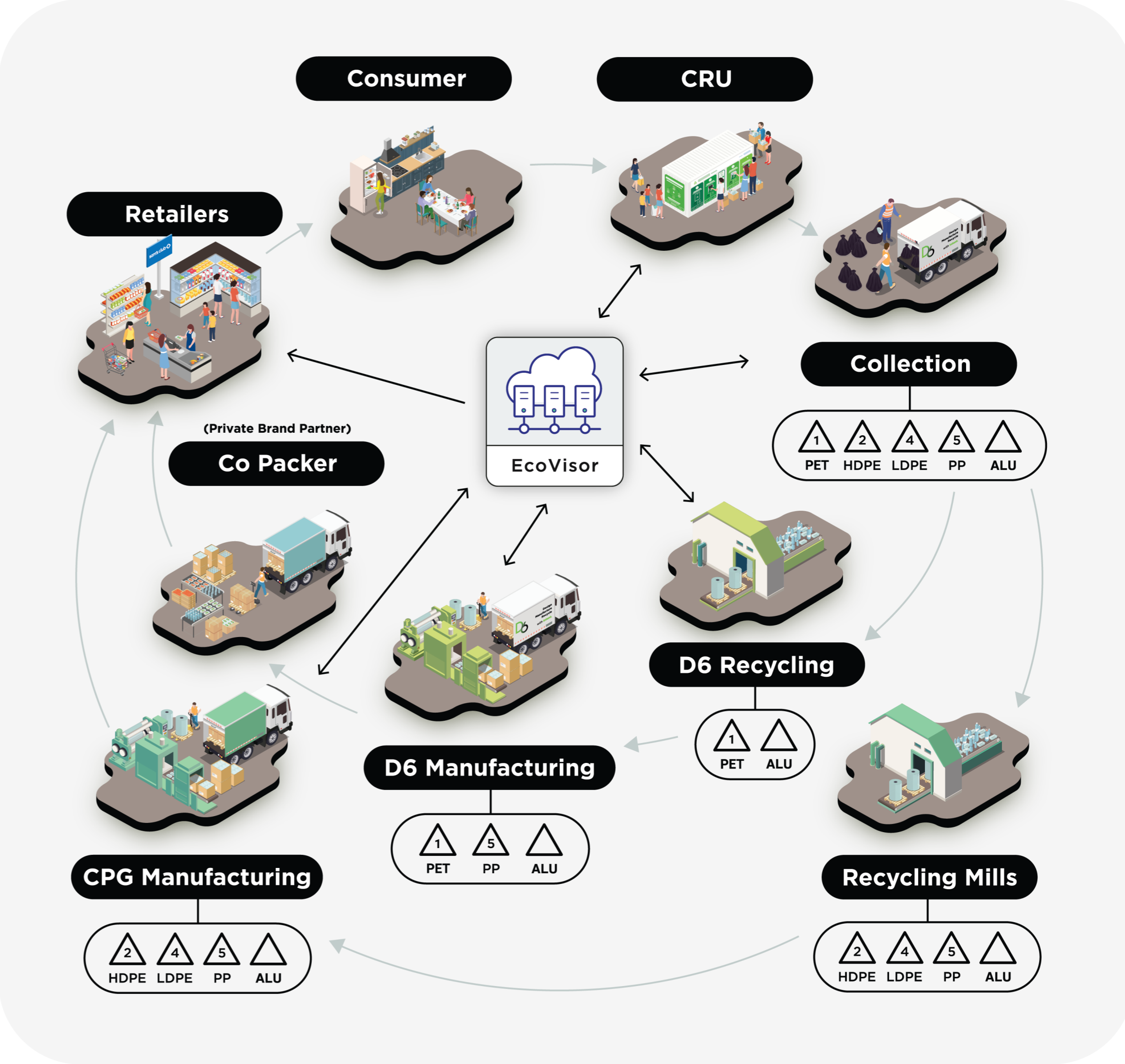
(NAV, Last Mile, RFID)

Auditability

(EcoVisor, APR, GreenCircle Certification)

Accountability

(Responsible End Market)



Case Study – Sulphur Springs

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Since 2023, we have collected over **41,000 lbs.** of materials that would have otherwise been sent to the landfill **just from the unit** in Sulphur Springs.

That’s like having a whole herd of **25 Texas Longhorns** worth of “trash” lined up.

- No cost to taxpayers
- Clean and well-maintained
- Supplements existing recycling infrastructure
- Accepts hard-to-recycle items not collected curbside



CRU Activation/Engagement

Let's recycle together!



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Contact Info



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