



Climate Action Plan Workshop: Waste as a Resource



City of Phoenix

March 26, 2025



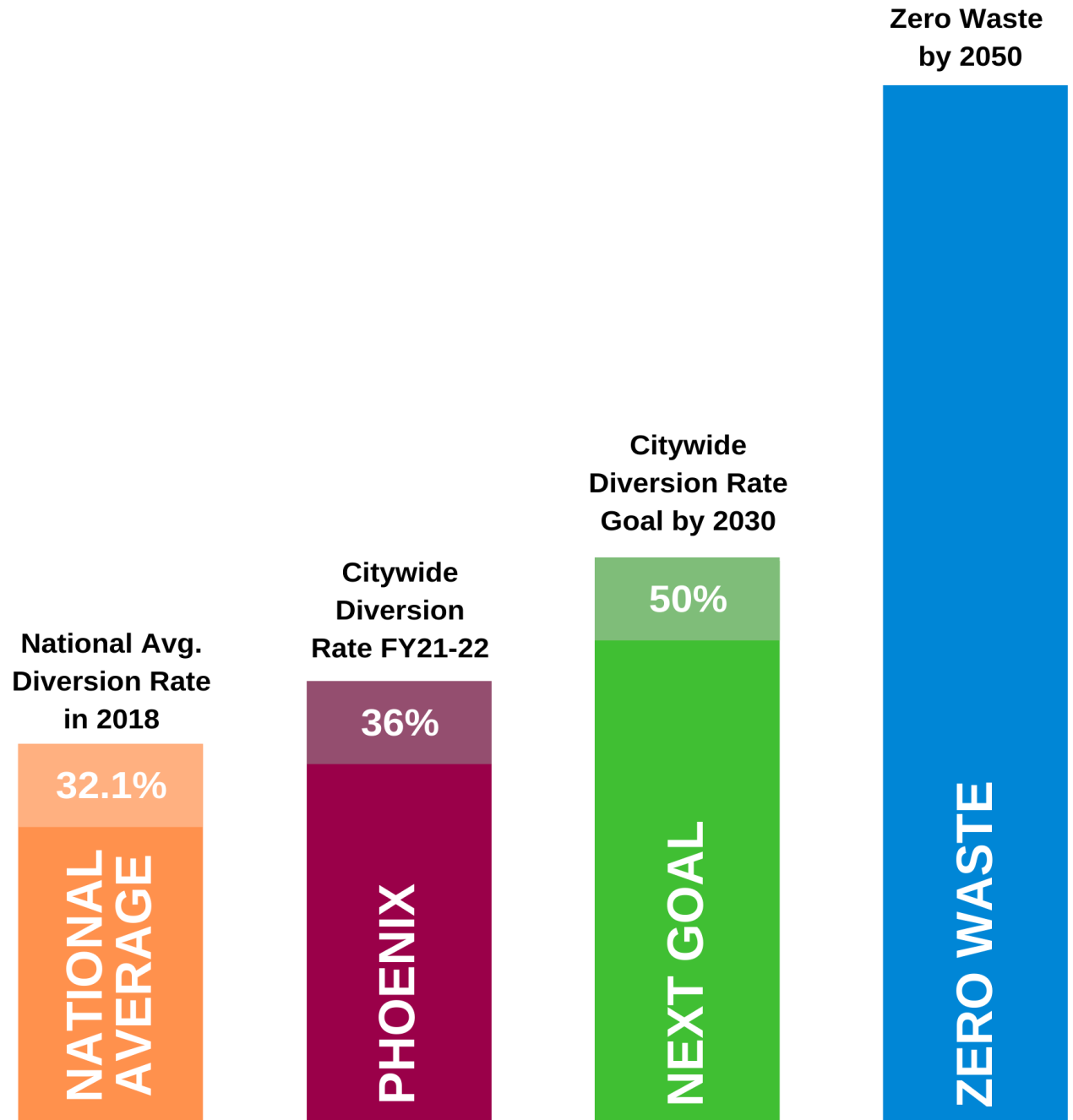
2021 Phoenix Climate Action Plan

2050 GOAL

Phoenix will create zero waste through participation in the Circular Economy where recycled materials are repeatedly used in products, instead of using raw materials.



Phoenix Diversion Goals





Public Works Department



Transfer Stations



**North Gateway
Transfer Station (NGTS)**



**27TH AVE.
Transfer Station**

NGTS Materials Recovery Facility

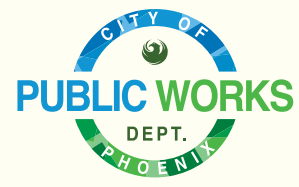


27th Ave. Compost Facility



SR 85 Landfill





Current Programs

Recycling



Eco-stations

Appliance Recycling

Hazardous Waste Pick-up

Composting



Curbside Green Organics

Certified Green Organics

Other Compost Options

Education



Zero Waste Team

Green Business Program

Oops/Shine-On Program



Green Business Leaders Program

Recognizes and promotes businesses that volunteer to operate in a more environmentally responsible manner through sustainable actions.

11 Green Business Leaders as of 2025

5



51 Platinum



24 Gold



40 Green



Master Recycler

- Get trained by the city's recycling experts.
- Networking opportunities with members of the community.
- Access to the Zero Waste Team and a designated Public Works Environmental Specialists.

Learn
More



Zero Waste Team Engagement Activities



Presentations



Events



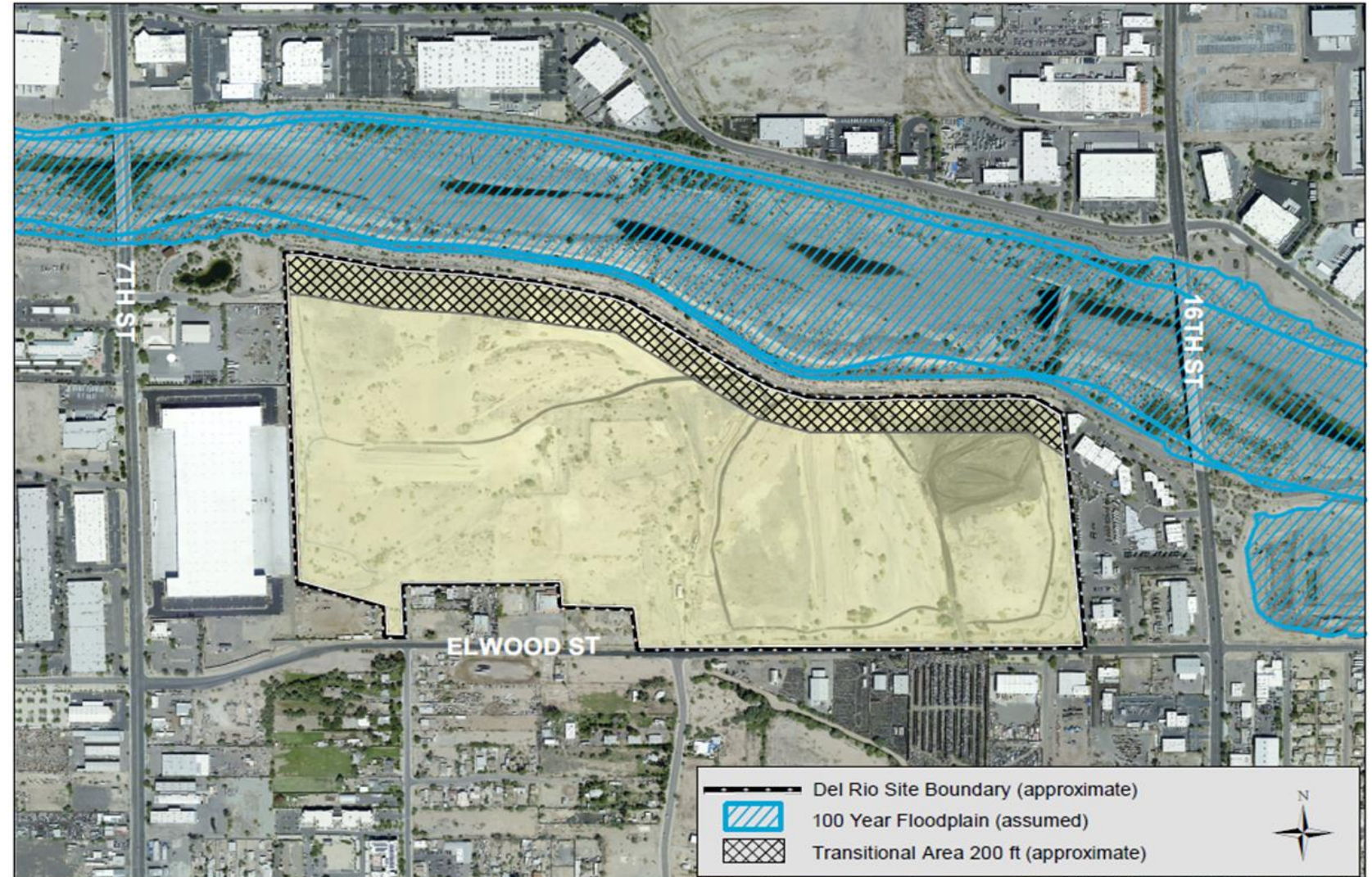
Tours



Del Rio Redevelopment Lease Offer



- 142 acres
- 103 acres of former municipal solid waste landfill
- 20 acres of former municipal park
- RFS issued on January 2020
- Mixed use project

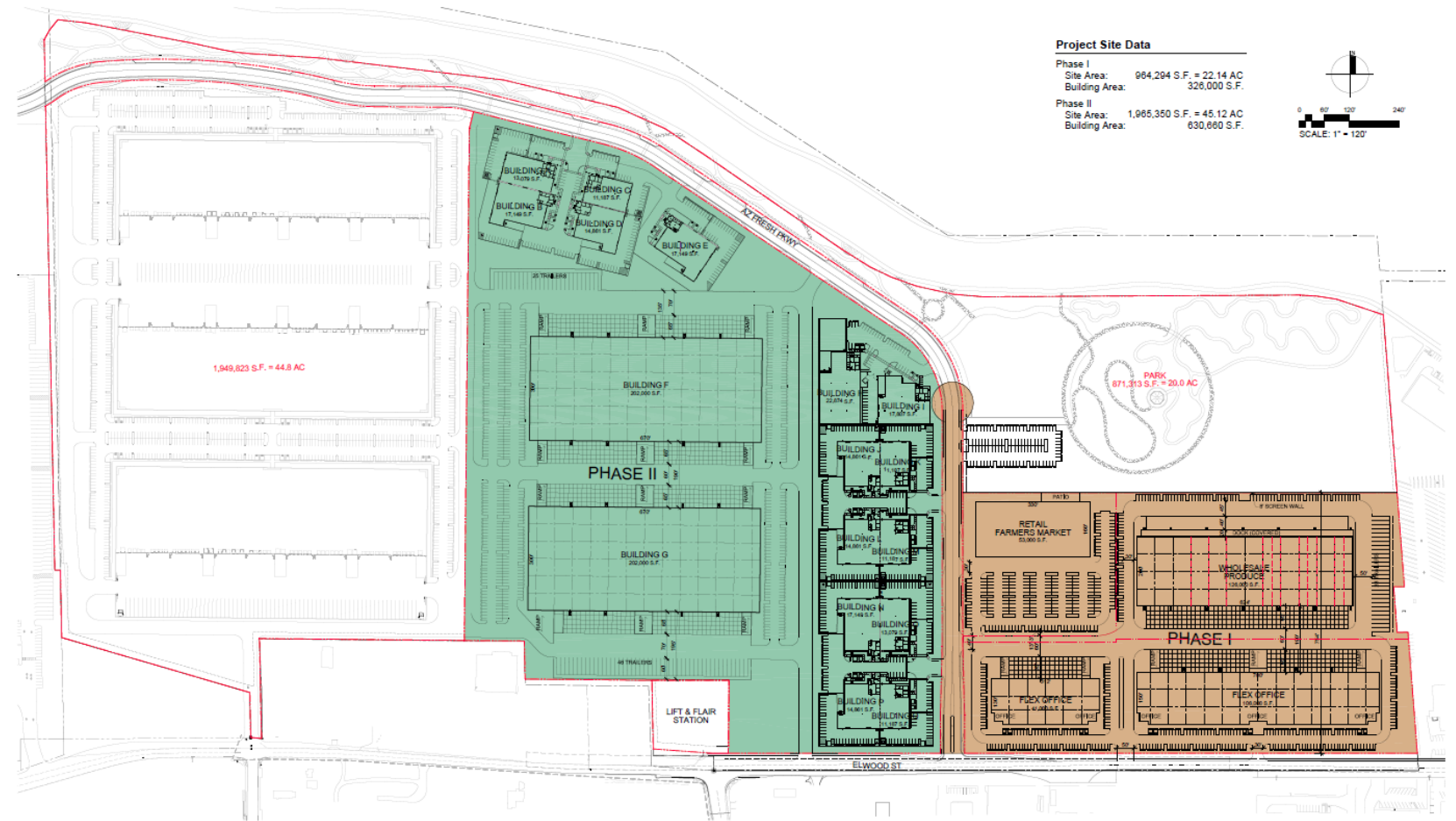


Date: 3/6/2018
Not To Scale

Arizona Fresh: Agri-Food Innovation Center

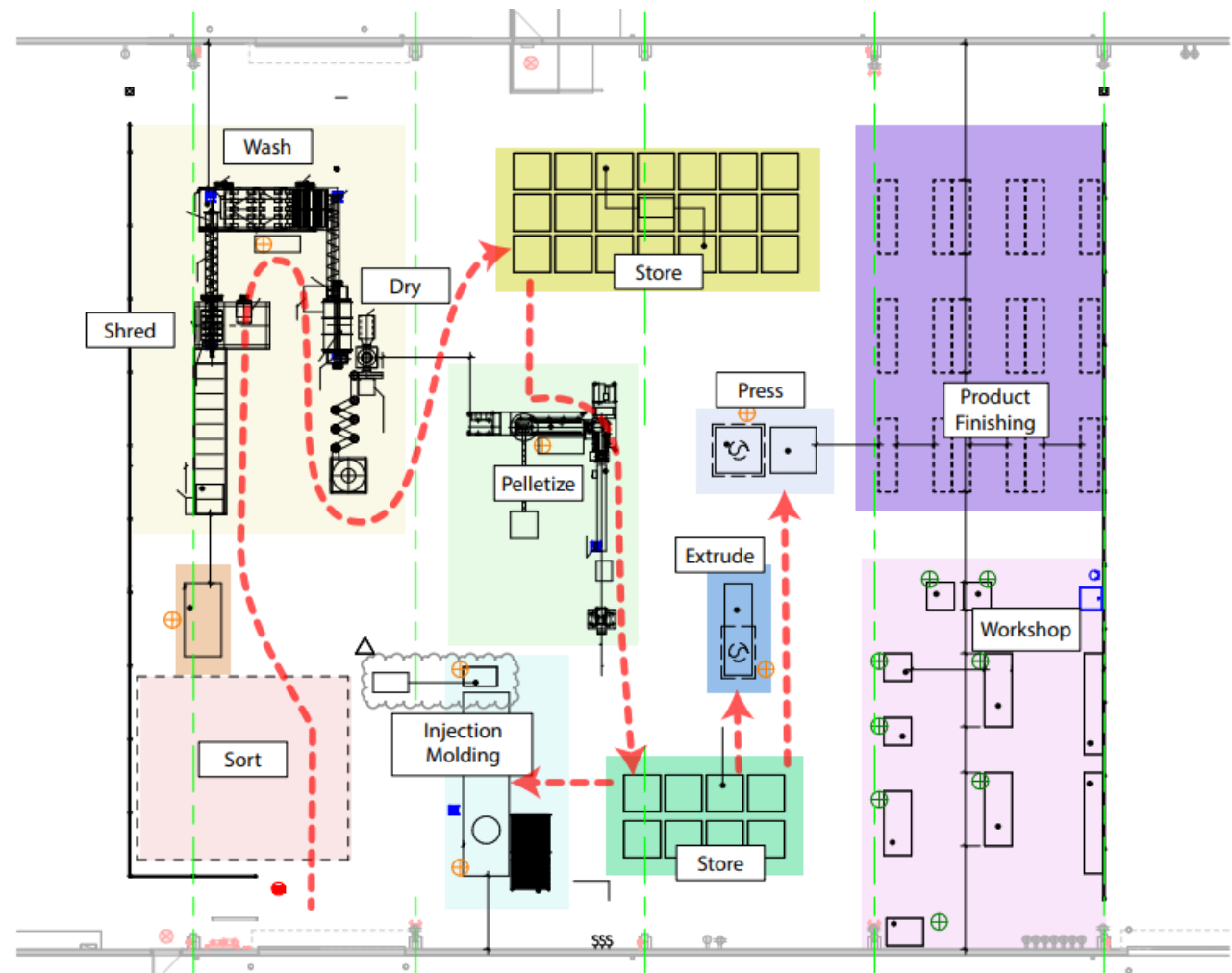


- Mixed-use project, food innovation with 20-acre linear park
- \$200 Million Capital Investment
- 1,500 jobs in full operation
- \$848 Million annual economic output

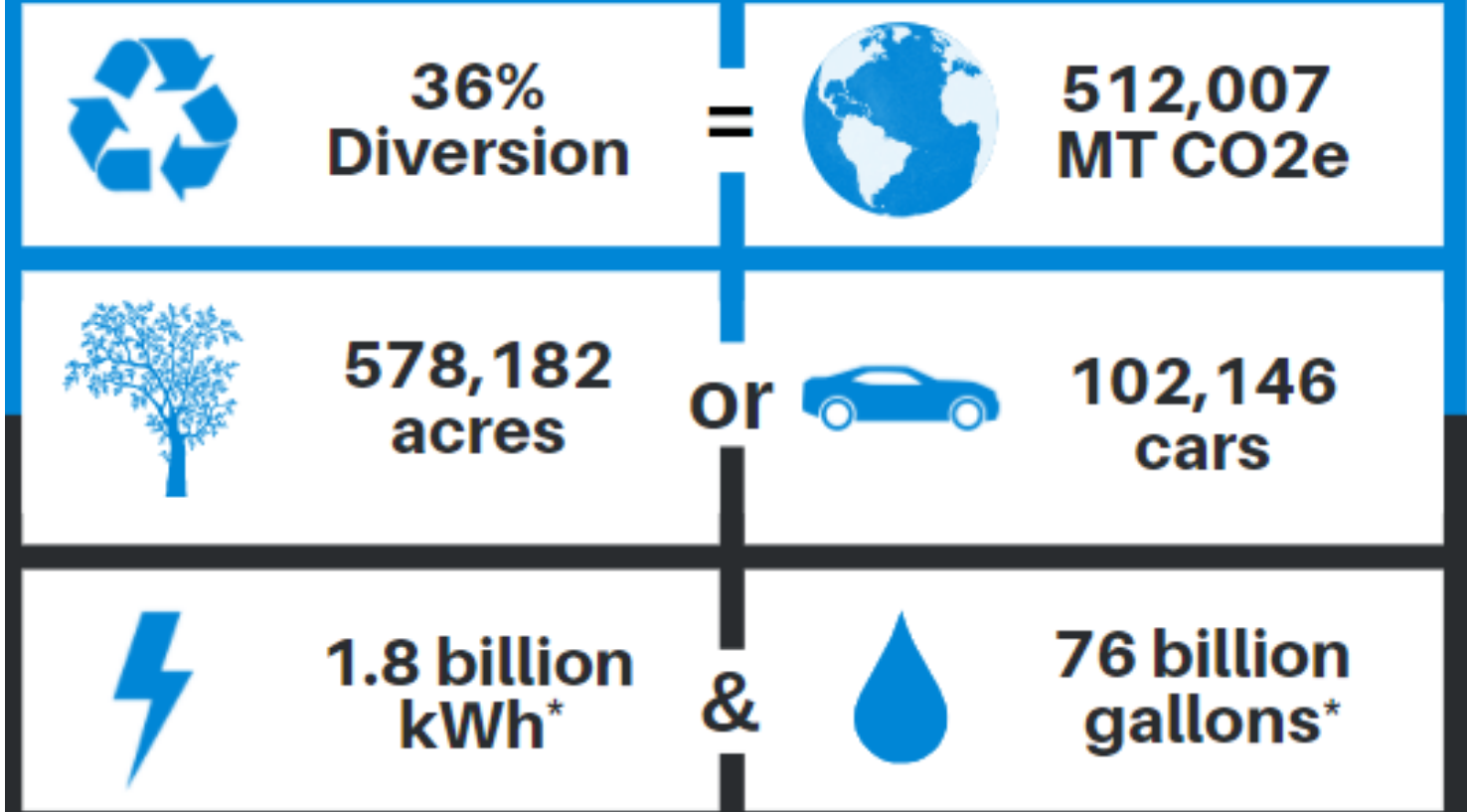


Circular Plastics Microfactory

- 10,000sqft facility that stores, shreds, pelletizes, and remolds recycled plastics into new products
- Cultivating 4-8 new startups
- Creating 15-50 new jobs
- Building end markets through creative partnerships and product development



Environmental Benefits of Phoenix's Diversion



Thank you!

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Waste as a Resource

Katie Beitzel

Vice President,
Municipal Sales



Sustainability in Action



Who We Are

Republic Services is a leader in Environmental Services, offering the most complete set of solutions for customers' environmental needs.

Investments in Circularity

We're making investments to maintain the value and utility of materials for as long as possible within the economy, minimizing waste and resource extraction.



OUR PROMISE

Sustainability in Action

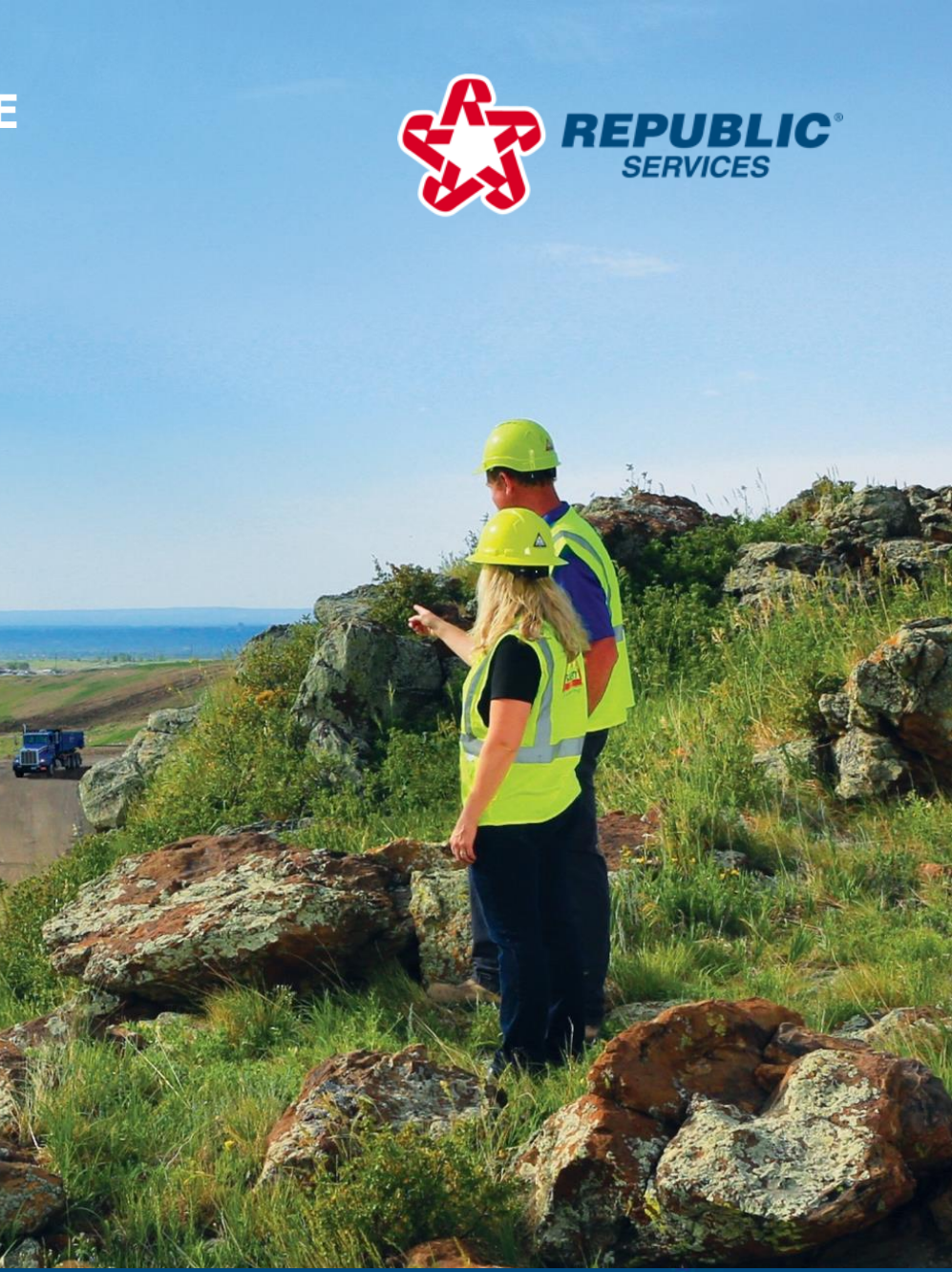


OUR VISION

Partnering with customers to create a more sustainable world.

75%

of waste disposed has a higher use



SUSTAINABILITY IN ACTION

Elements of Sustainability, Ambitious 2030 Goals



Safety

- ✓ Zero Fatalities
- ✓ TRIR (Total Recordable Incident Rate) <2.0



Talent

- ✓ Engagement score of 88



Climate Leadership

- ✓ Reduce greenhouse gas emissions by 35%
- ✓ Increase key material recovery by 40%
- ✓ Increase beneficial reuse of biogas by 50%



Communities

- ✓ Create sustainable neighborhoods for 45 million people through strong community partnerships

Sustainability Innovation



Renewable Energy

- ✓ We are involved with 69 landfill gas-to-energy projects and 8 solar projects.



Electric Fleet

- ✓ We've made an industry-leading commitment to fleet electrification and have nearly 100 EVs currently in operation.



Polymer Center

- ✓ We developed the nation's first integrated plastics recycling facilities to advance circularity.

ABOUT REPUBLIC SERVICES

42K
EMPLOYEES

1,000+
LOCATIONS IN
NORTH AMERICA

5M
AVERAGE PICKUPS
PER DAY

5M
TONS OF MATERIAL
RECYCLED
ANNUALLY

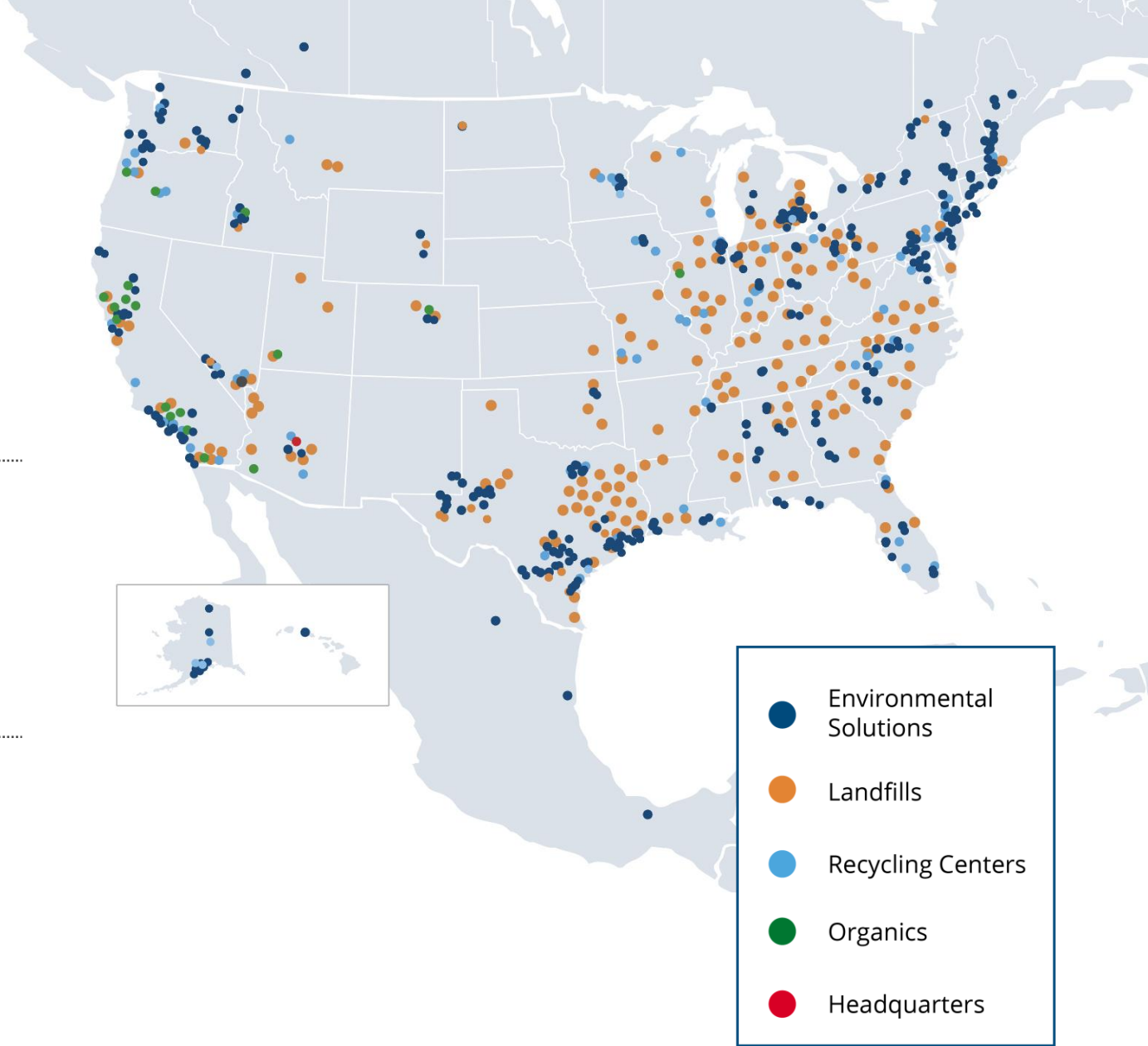
208
ACTIVE,
MODERN LANDFILLS

79
LANDFILL GAS
& RENEWABLE
ENERGY PROJECTS

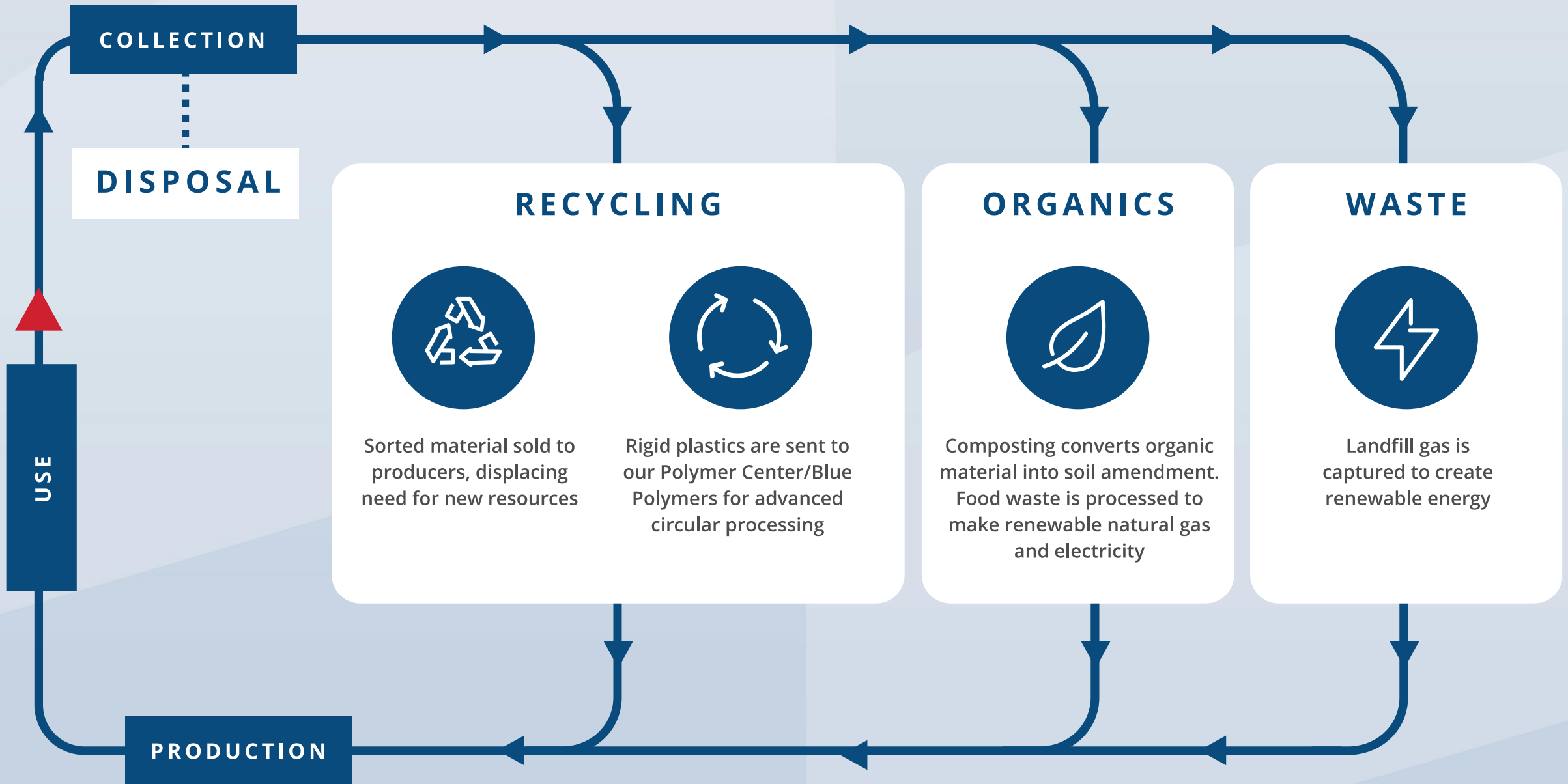
75
RECYCLING
CENTERS

4
POLYMER CENTERS
(IN DEVELOPMENT)

17K
TRUCKS



INTEGRATED NETWORK FOR MATERIAL CIRCULARITY



Fundamentals for circularity innovations



Capture
and
aggregate



Leverage
existing
infrastructure



Process
to achieve
circularity



RECYCLING CENTERS

Recycling presents continual potential for circularity advancements



Optical sorters



Plastic bag screens



Cardboard processing equipment

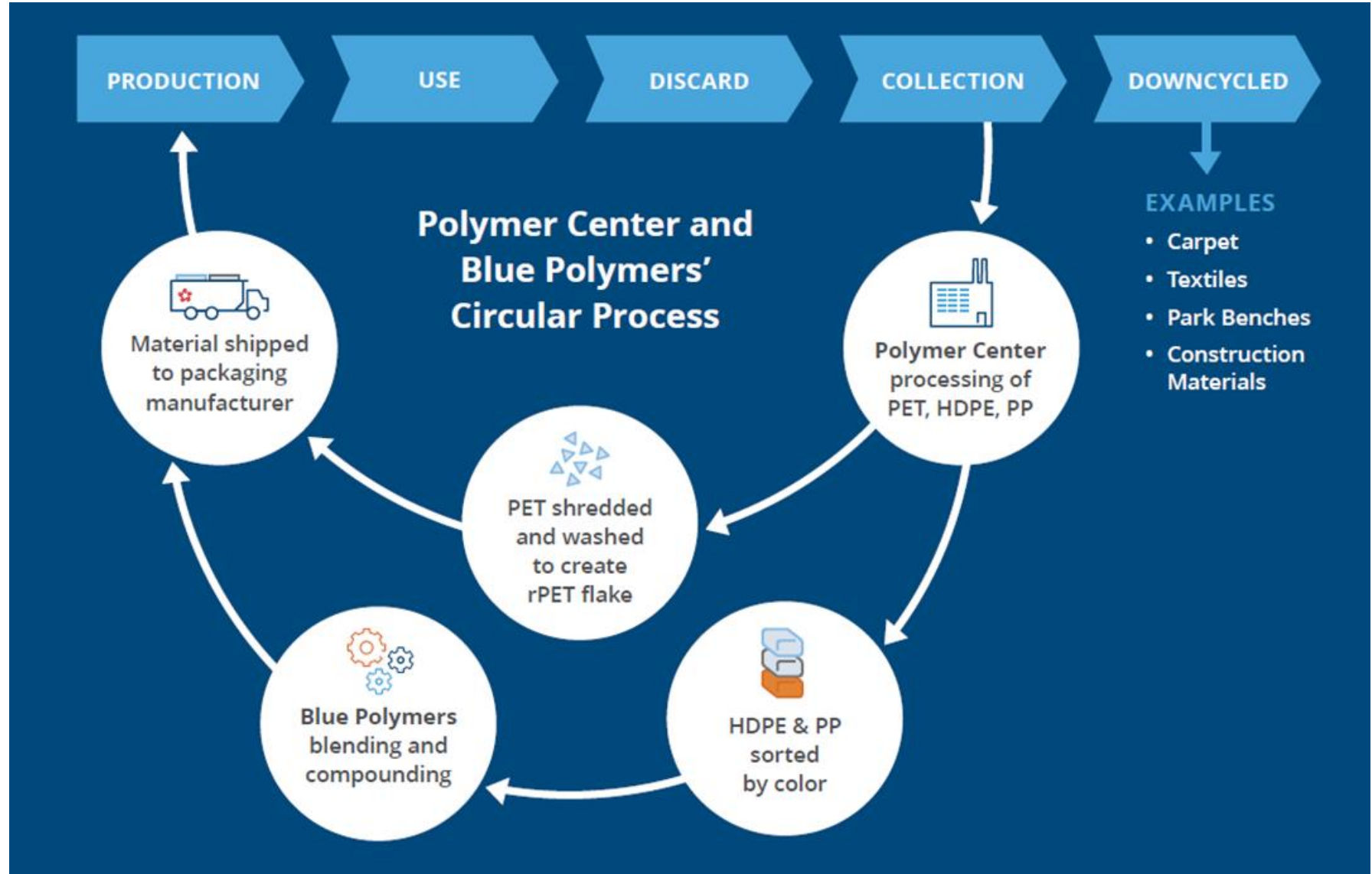


Specialized processing



Transforming Circularity

We are changing the finite, linear lifespan into a circular one.



Brands and regulations are driving demand for recycled plastics

10% - 50%

commitments for recycled content

Regulations

- Minimum content standards
- Extended producer responsibility
- State-level recycling needs assessments

Nestlé

Johnson & Johnson

Kellogg's

Coca-Cola

 **COLGATE-PALMOLIVE**

Henkel

P&G

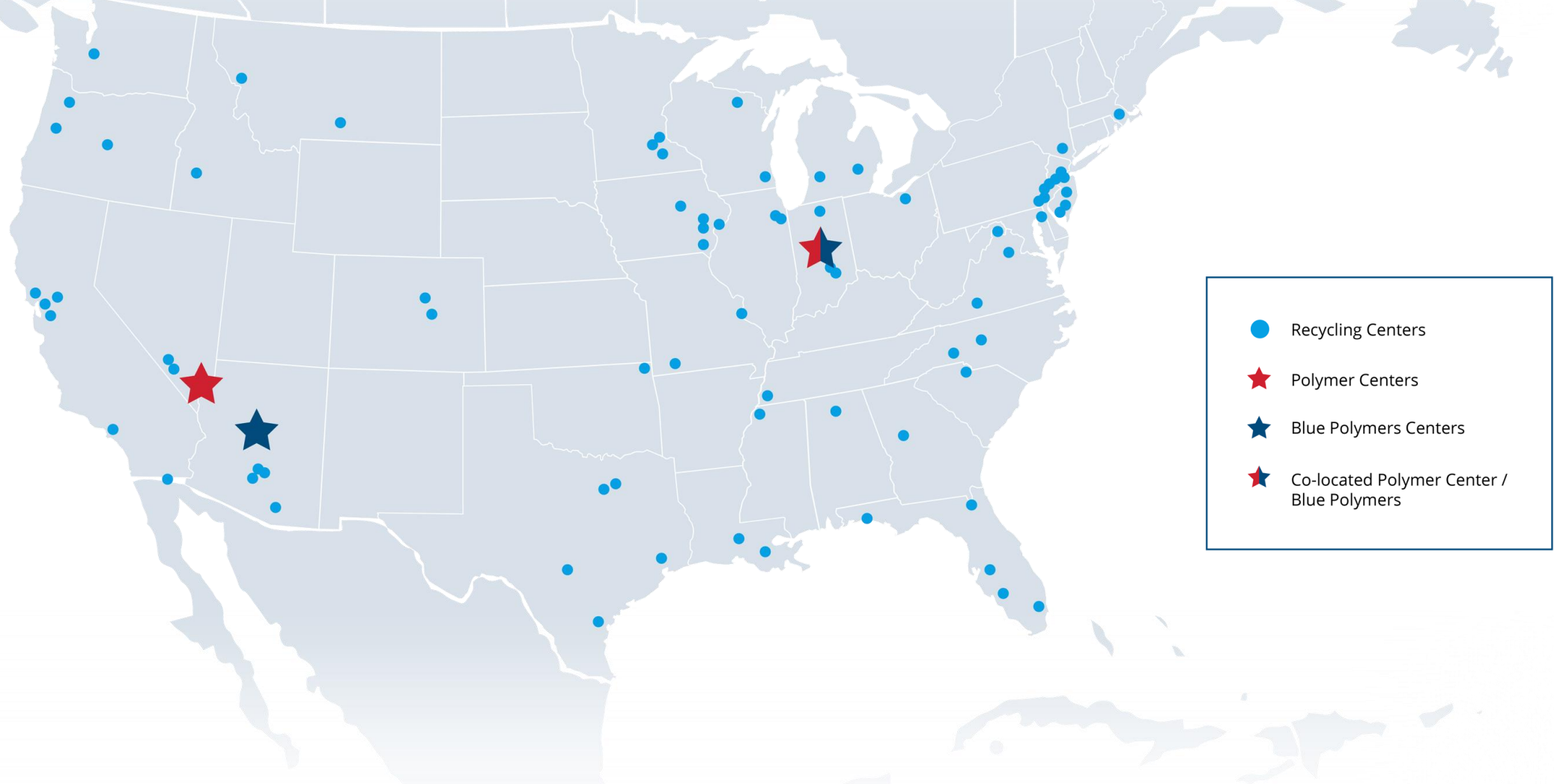
 **PEPSICO**



Thank You!

Visit [RepublicServices.com](https://www.RepublicServices.com) for more information.

POLYMER CENTERS & BLUE POLYMERS NATIONAL FOOTPRINT



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INDUSTRY-LEADING PERFORMANCE



Member of
**Dow Jones
Sustainability Indices**
Powered by the S&P Global CSA



Sustainability Yearbook
Member 2025
S&P Global



MARKET VERTICALS



Residential

Municipalities,
HOA, Open Market



Small & Medium Business

Small Container
Recycling & Waste



Large Business

Large Container,
Compactor, Special Waste



Environmental Solutions

Field & Industrial Services,
Treatment & Disposal

ABOUT US



Our Promise

Sustainability in Action

- ✓ A Fortune 300 leader in \$91B environmental services industry
- ✓ Offers the most complete set of solutions for customers' environmental needs
- ✓ Recycling, solid waste, special waste, hazardous waste, container rental and field services, among other services
- ✓ Industry-leading commitments to advance circularity and support decarbonization solutions
- ✓ A human-centered employer of choice

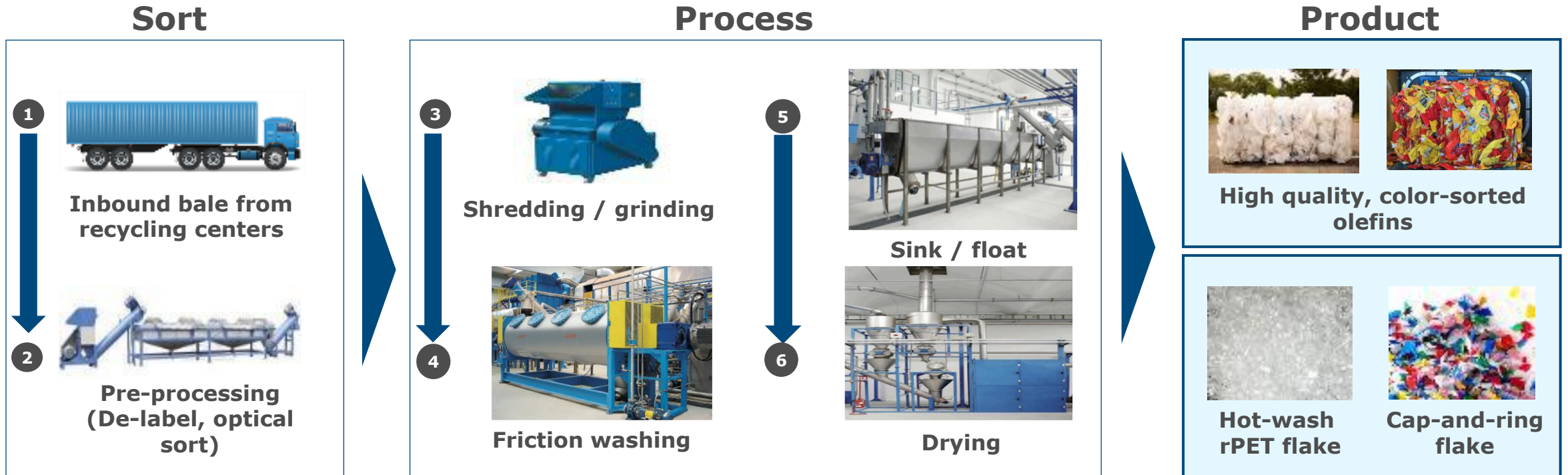


Our Vision

Partnering with customers to create a more sustainable world.



Polymer Center Overview



Blue Polymers Overview

