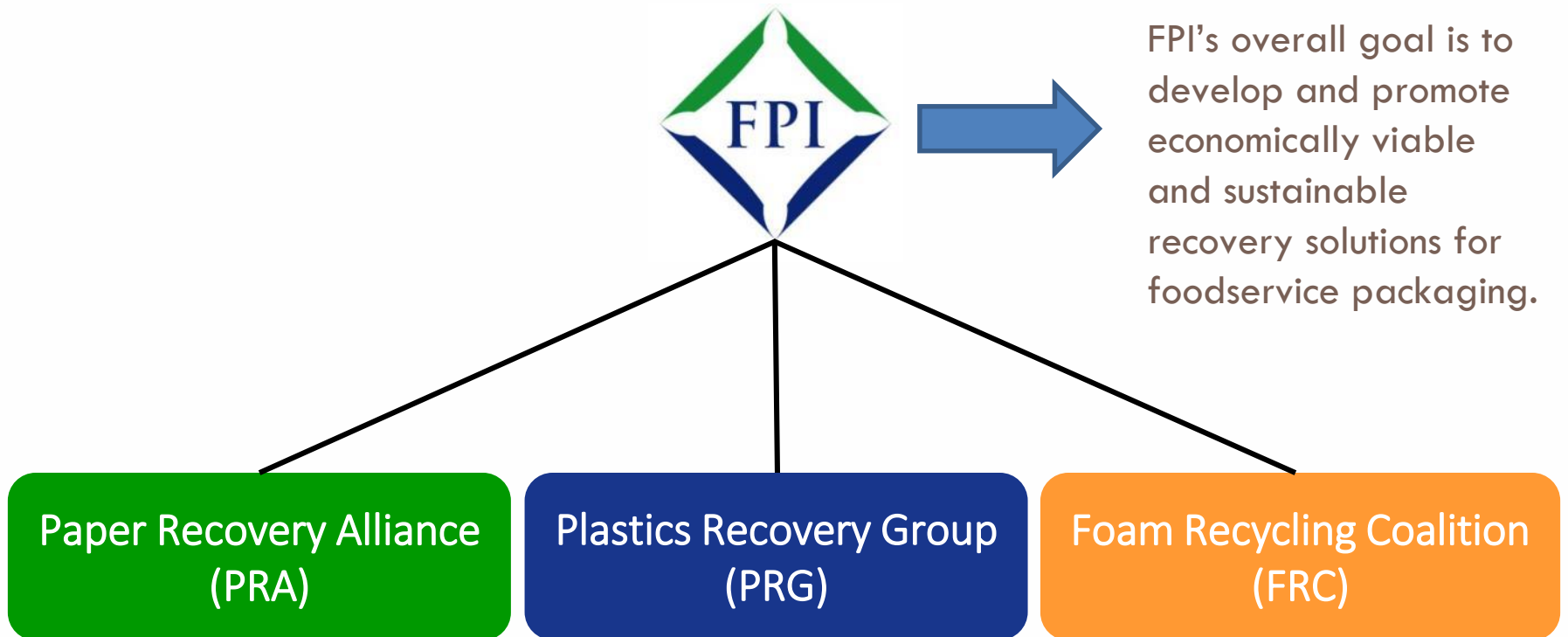




City Of St. Paul, Sustainable “To Go” Food Packaging - Rhea Hale, WestRock

INCREASING THE RECOVERY OF FSP





Current PRA and/or PRG Members

2

Absolute Plastics, LLC
Serving Today ... Preserving Tomorrow™

BASF
The Chemical Company

BERRY
PLASTICS CORPORATION
AND SUBSIDIARIES
LEADERSHIP BY DESIGN

Cascades

Chick-fil-A



CONVERMEX
USA

DART

DW
Fine Pack

ECO
PRODUCTS®

FK Fabri-Kal®
EXPERIENCE A BETTER PACKAGE™

Genpak®

GP Georgia-Pacific
Professional

HUHTAMAKI

INTERNATIONAL **PAPER**

KAPSTONE

LBP

NatureWorks



OKYA

PACTIV
Foodservice / Food Packaging

Seda
INTERNATIONAL
PACKAGING GROUP

Stalk Market
COMPOSTABLE PRODUCTS



Tim Hortons

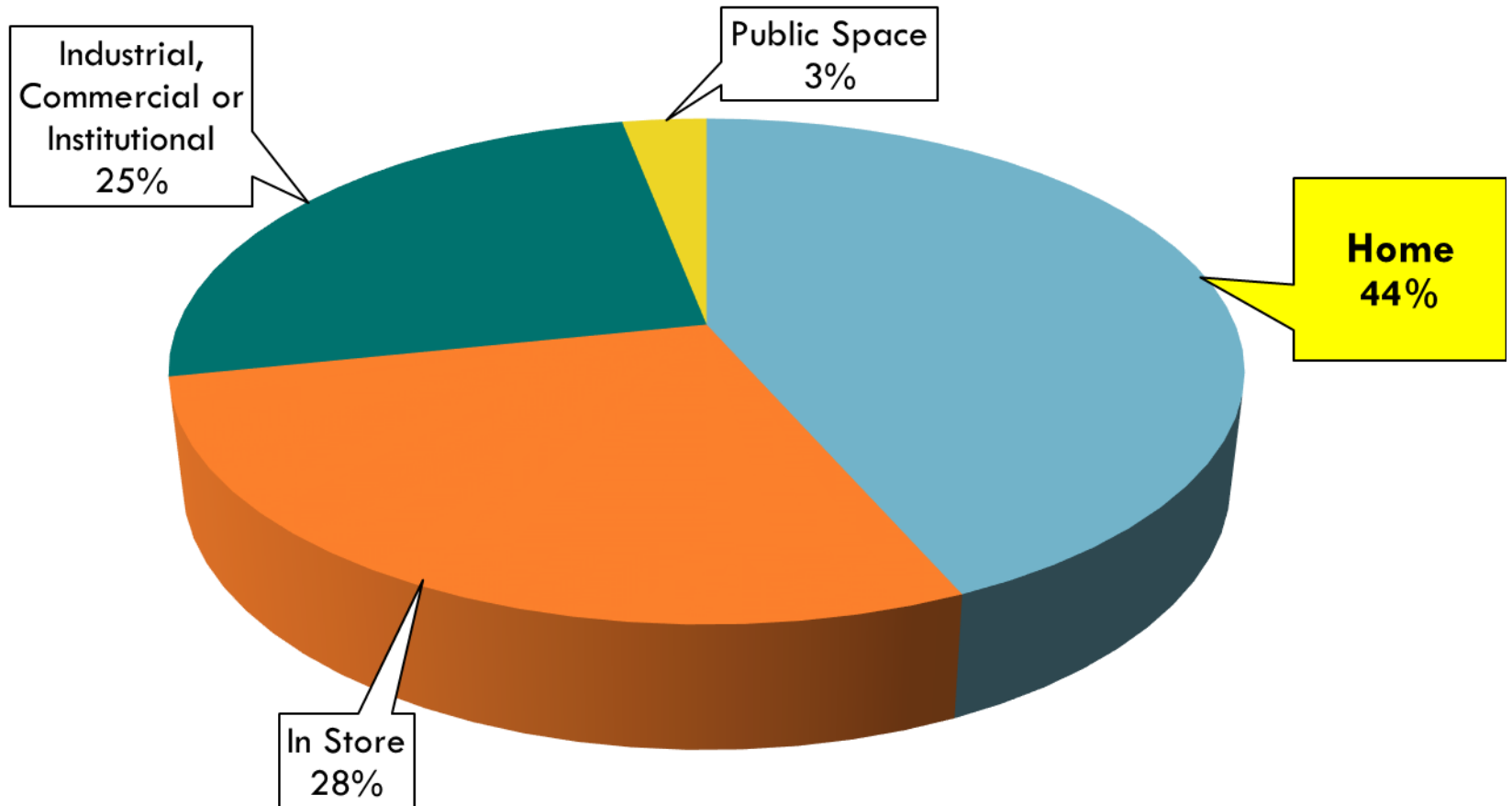
WestRock

Sustainable Fiber Solutions
SFS
The National Commercial Paper Center in North America

White Castle



Where does FSP end up?





What is Foodservice Packaging?

Single-use foodservice ware & packaging used by foodservice establishments.

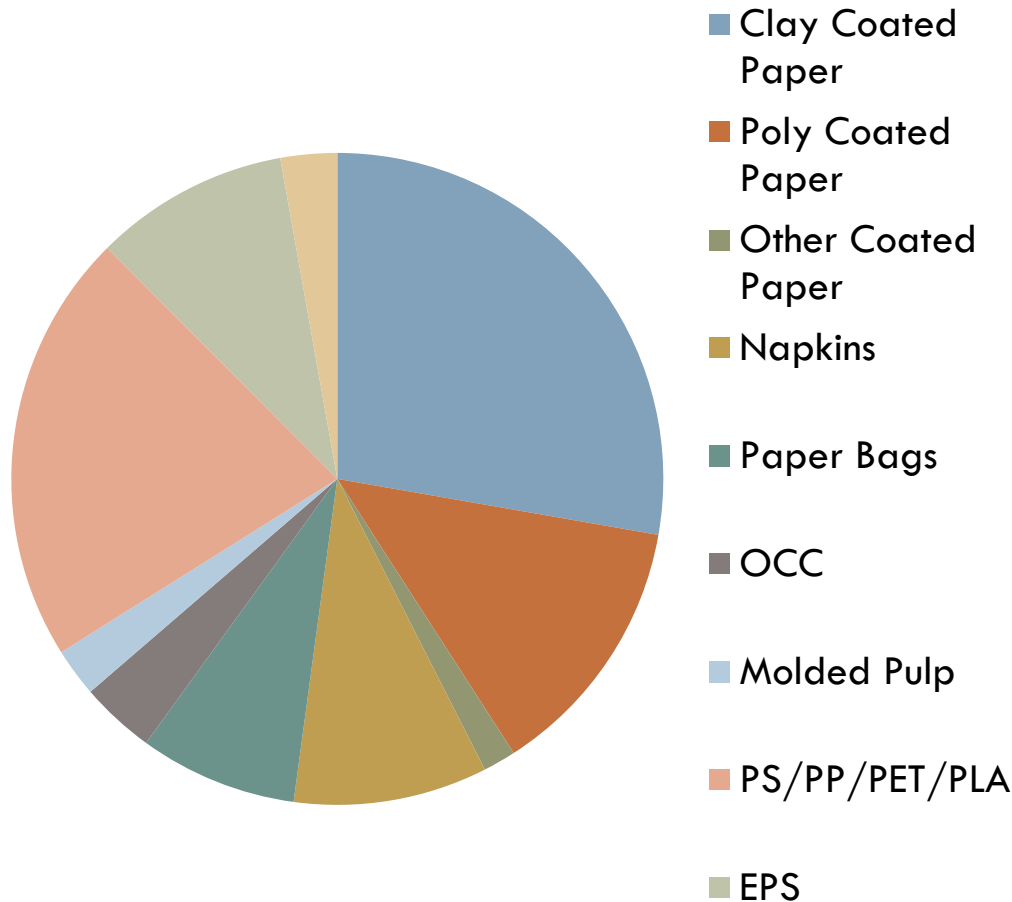
Specifically, our work focuses on:

- Cups (including sleeves)
- Containers, including:
 - Beverage Carriers
- Boxes
- Paper bags





How much FSP is generated?



In a city of 250,000 people, roughly 3,000 tons generated annually.

- A 10% recovery rate would mean the addition of about 300 tons annually for the facility = approximately 240 tons of paper and 60 tons of plastic.

Total: ~5.5 million tons in U.S.





Community Partnership – Prerequisites



MRF Acceptance
Operations



MRF Acceptance
End Markets (impact,
options, location)



Haulers
Community contracts, Suite of
materials collected



Community Engagement
Director of Public Works, Solid Waste
Director, Solid Waste/Recycling Staff



Market Assurances
Trade Association and Oversight
Organization support



End Markets
What can they handle? Volume,
quality, overall impact?





Additional studies

7

- Food residue / contamination studies
- MRF flow study
- Bale composition audits
- Bale impact projections
- Community Access
- Resident messaging survey
- Tool kit

PRA/PRG Recovery Project
Confidential – For Members Only





FOODSERVICE PACKAGING: SUPPLY CHAIN AND SUSTAINABLE SOURCING ISSUES

www.recyclefsp.org



FOODSERVICE PACKAGING
INSTITUTE

HOME

ABOUT FPI

FOODSERVICE OPERATORS

COMMUNITIES

MATERIALS RECOVERY FACILITIES

END MARKETS

COMPOSTING & AD FACILITIES

FAQs

Foodservice Packaging Recovery Toolkit

Recovering Foodservice Packaging (FSP) can have substantial benefits in cost-saving waste reduction, revenue generation, reduction of environmental impact and positive expectations from residents and customers. No matter what role you play in recovering foodservice packaging, this Toolkit has something for everyone.

This Recovery Toolkit presents lessons learned in successful recovery of foodservice packaging. It is a comprehensive resource on what foodservice packaging is currently being recovered, collected, processed and marketed. Let's get started!





Foam Recycling Coalition

- Establish and fund a proactive, multi-year grant program to...
 - Increase public access to post-consumer foam recycling through curbside and/or drop off programs
 - Drive actual recovery of foam (increased tons)
 - Generate success stories to document and leverage in communications to variety of stakeholders
- Grants will provide:
 - Foam recycling equipment.
 - Technical assistance to grant recipients and others interested in adding foam to their curbside recycling programs.



Appendix



FOODSERVICE PACKAGING
INSTITUTE®

Resident Messaging Survey

Conducted Summer 2016

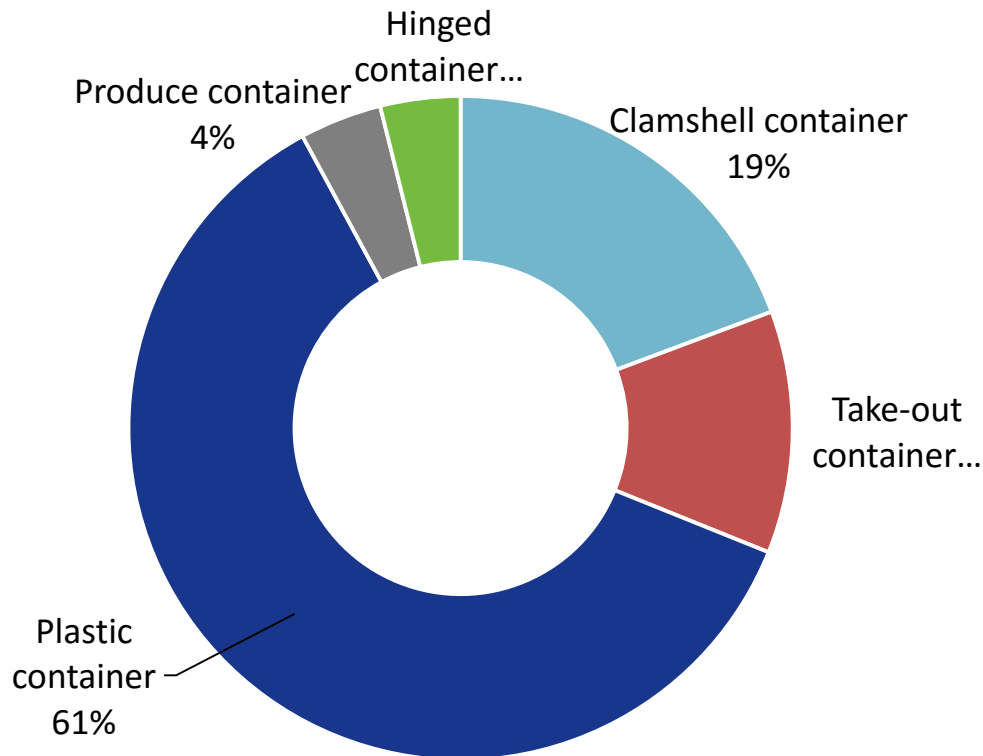


Speaking Their Language

How does the language on outreach material impact curbside behavior?



Effective Recycling Terms



61% of residents call this a “plastic container”

19% say “clamshell container”



Term Tip: Avoid industry specific terms when referring to recyclables

Effective Recycling Instructions

Before



Nearly **40%** of residents said that “cups should be empty & clean” was **clearest**

After



More **clear** than “clean” or “empty” alone

Guideline Tip: Use the terms “empty & clean” are clearest when referring to recycling paper cups

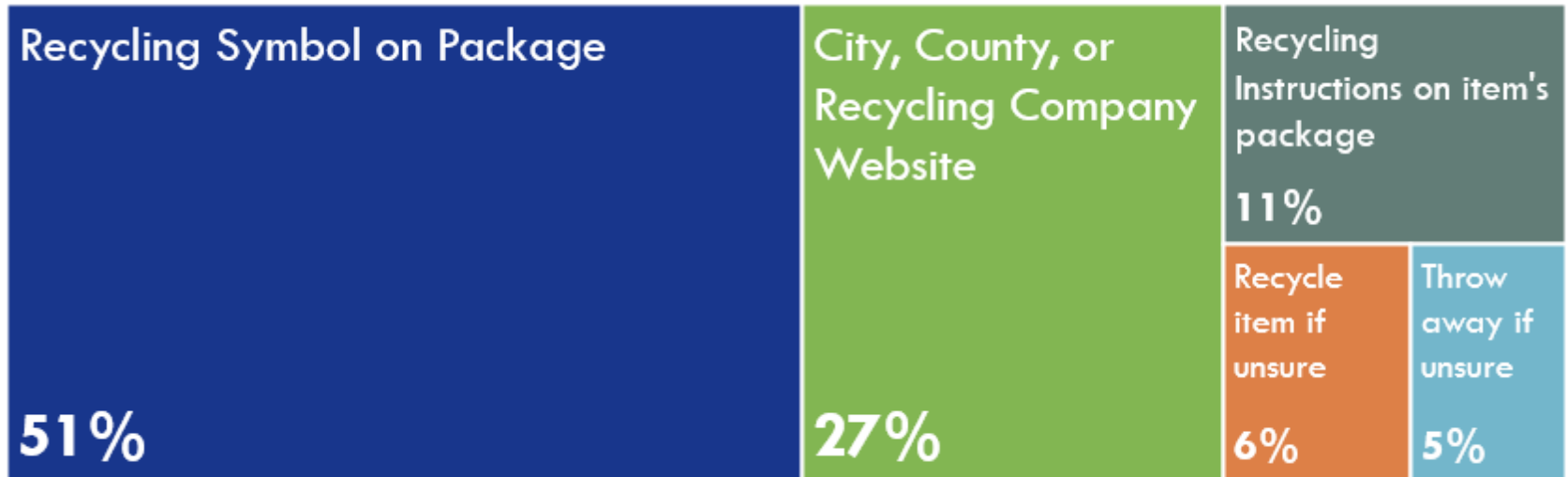
Reliable Recycling Resources

Where do residents go to find out what's recyclable?



Is it Recyclable?

Where do residents look **first** to find out if an item is recyclable?



Outreach Tip: Educate residents on recycling symbols on packaging

Recycling Flyer Format

Which flyer format do residents find clearest?

Flyer 1

Images grouped by Recycling, Compost, Garbage

Where Does It Go?
See what goes in your recycling, food and yard waste or garbage bins.

Recycling Place clean and empty items loose in cart, not bagged or in boxes.
No Food. No Liquid. No Single Plastic Bags.

Food+Compostables Compost Food. It's Not Garbage Anymore!
No Plastic Bags. No Plastic. No Metal. No Glass. No Animal Waste.

Garbage See back page for reuse & recycling options.
No Food. No Recyclables. No Yard Waste.

Products containing toxic materials are prohibited from food and yard waste, recycling and garbage. Not sure where it goes? Find out at www.seattle.gov/util/lookup.

Flyer 2

Images grouped by category—paper, plastic, glass and metal

Recycling

Paper

- Newspapers, inserts, magazines, catalogs & phone books
- Advertising mail, envelopes, mixed paper
- Paperback books
- Cereal & dry food boxes (remove liner), clean paper cups
- Shredded paper (bag & tie in clear plastic bag. Place in the blue cart OR layer in the yard cart)
- Non-foil wrapping paper
- Cartons, frozen food & juice boxes
- Flattened cardboard (Please bundle, 3 ft. x 3 ft. or smaller)

Plastic

- Clean plastic food containers & cups
- Milk, water, juice & pop bottles
- Stretch wrap & plastic bags (No white or Black plastic bags. Bag & tie in clear plastic bag.)
- Plastic bottles (all colors)
- Pill bottles (non-prescription)
- Lids 3" or larger (Remove from containers, rinse)
- Clean plastic plant pots

Glass

- Bottles & jars (empty & rinse, labels okay)

Metal

- Lids 3" or larger. Scrap metal (2 ft. x 2 ft. x 2 ft. or smaller)
- Clean aluminum & metal cans
- Clean foil & foil trays

How to prepare your recyclables:

- No food, liquid, loose plastic bags. Bag all plastic bags together.
- Remove all lids from containers & no lids less than 3 in.
- Do not bag or box recyclables, leave loose.
- Put additional recyclables in sturdy bins, boxes, large paper bags, or 32-gal. cans marked "Recycle" next to your recycling cart, not to exceed 60lbs.

REPUBLIC SERVICES www.RepublicServicesNW.com

Flyer 3

Images appear individually, not sorted by category

ALL TOGETHER NOW!
MIX THE FOLLOWING RECYCLABLES IN HERE:

PLEASE NO:

- styrofoam
- electronics
- ceramics or dishes
- food waste
- plastic grocery bags
- motor oil containers
- household hazardous waste
- yard waste or trash
- shredded paper
- light bulbs, window glass, or mirrors

WASTE CONNECTIONS INC.
Connect with the Future™
316-838-6664

RecycleBank
REWARDS/FOR PEOPLE & PLANET

Recycling Flyer Format Preference



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Flattened cardboard

REPUBLIC SERVICES
www.RepublicServicesNW.com

Overall, **85%** of residents said that Flyer 2 was **clearest** in describing how to recycle this container



Flyer Design Tip: Categorize your recyclables, and use clear images with short text descriptions