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Bemis

Colgate-Palmolive Company *

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*DuPont Packaging & Industrial Polymers **

Earth911

Exopack

ExxonMobil Chemical

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H. J. Heinz Company

Kellogg Company *

Kraft Foods Group Inc.

McDonald's

MWV *

NatureWorks LLC

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PaperWorks Industries

PepsiCo

*Procter & Gamble **

Rehrig Pacific Company

Saint-Gobain Containers, Inc.

*Sealed Air Corporation **

Sonoco

*Tetra Pak, Inc. **

*The Coca-Cola Company **

*The Dow Chemical Company **

The Hershey Company

Waste Management, Inc.

- Founding Member *

Ashley Carlson	American Chemistry Council
Cathy Foley	American Forest & Paper Association
Megan Daum	Can Manufacturers Institute
Lynn Dyer	Foodservice Packaging Institute, Inc.
Jane Bickerstaffe	Incpen
Joe Hotchkiss	MSU School of Packaging
Tom Egan	Packaging Machinery Manufacturers Institute
Garth Hickie	State of Minnesota
Erin Simon	World Wildlife Fund
Meghan Stasz	Grocery Manufacturers Association
Sego Jackson	Snohomish County, WA – local
Jay Bassett	EPA Region 4
Sara Hartwell	US EPA
Brenda Pulley	Keep America Beautiful
Nina Goodrich	SPC
Alan Blake	PAC Next

100 Largest Cities Survey

Nearly 80% response rate



Project Objective

Determine the most effective and efficient ways to improve recovery of used packaging in the United States, while addressing financing challenges of collection, sorting and transportation.



Common Waste Reduction Strategies

The following strategies appeared most frequently within our analysis of packaging waste:

- Disposal Bans
- Mandatory Recycling
- Unit Based Pricing / Pay-As-You-Throw
- Advance Disposal / Recycling Fees
- Container Deposits / Bottle Bills
- Landfill Taxes / Surcharges
- Extended Producer Responsibility

Overarching Report Findings / Recommendations

- No single program was found to achieve all goals:
 - Sustainable financing
 - Increased recovery, especially for hard to recycle packaging
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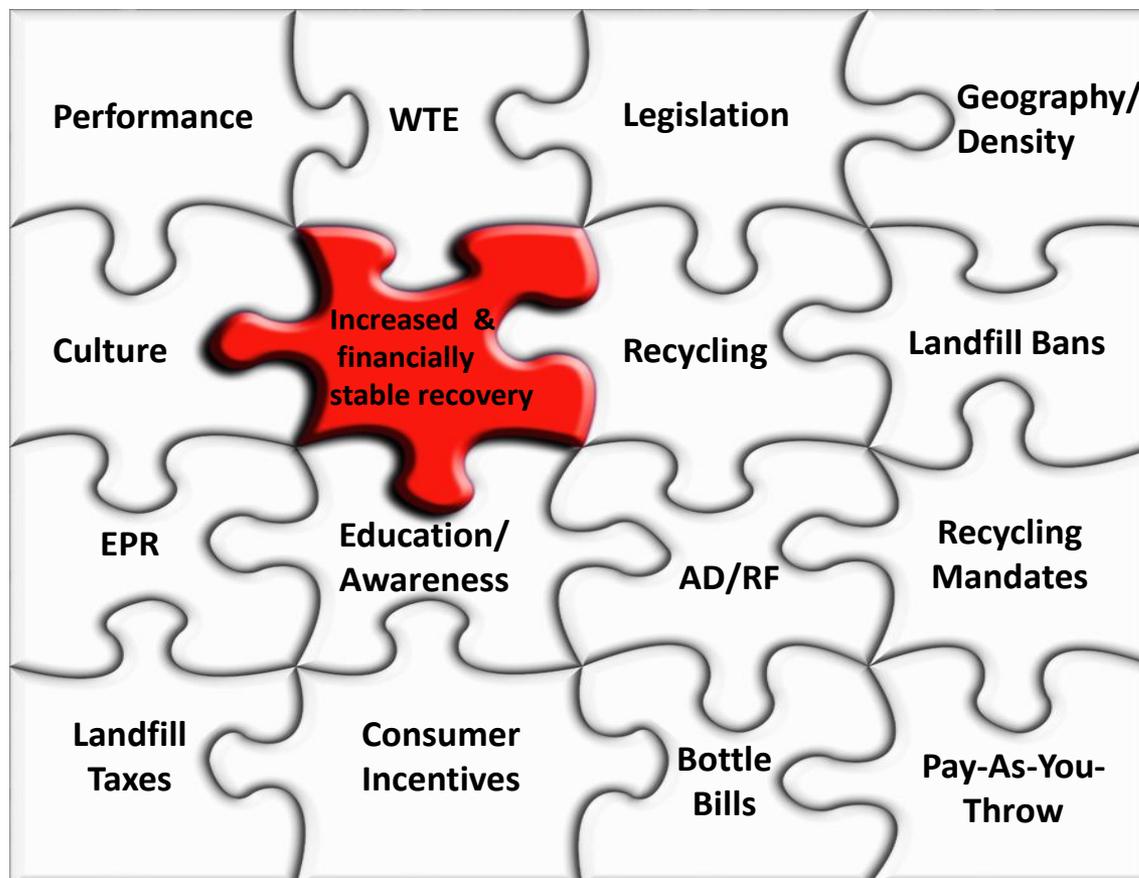
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- States and municipalities should not consider recovery strategies in isolation either within or across jurisdictions.
- **Adoption of harmonized definitions and reporting mechanisms is needed for program planning, execution, and assessment.**



Recommended Approach

- AMERIPEN's research suggests a combination of approaches – or “Toolbox” – may result in the greatest success.



Recommended Approach

- AMERIPEN's research found that the 3 most effective and efficient programs for addressing sustainable system financing and increased recovery include:
 - **Mandatory Recycling and Disposal Bans**
 - Implemented together, these two strategies have demonstrated success towards increasing material recovery.
 - Increased income from related fees and material recovery streams can provide financing to support infrastructure needs. *However, enforcement mechanisms and infrastructure support are required for success.*
 - **Pay-As-You-Throw**
 - These programs are self-sustaining, and costs of program implementation are born by rate payers, driving the greatest influence on behavior change.

Next Steps

AMERIPEN will:

- Use these findings to continue the dialogue with cities and states.
- Determine its role in helping to expand the adoption of these best practices.

