



Solid Waste Roadmap

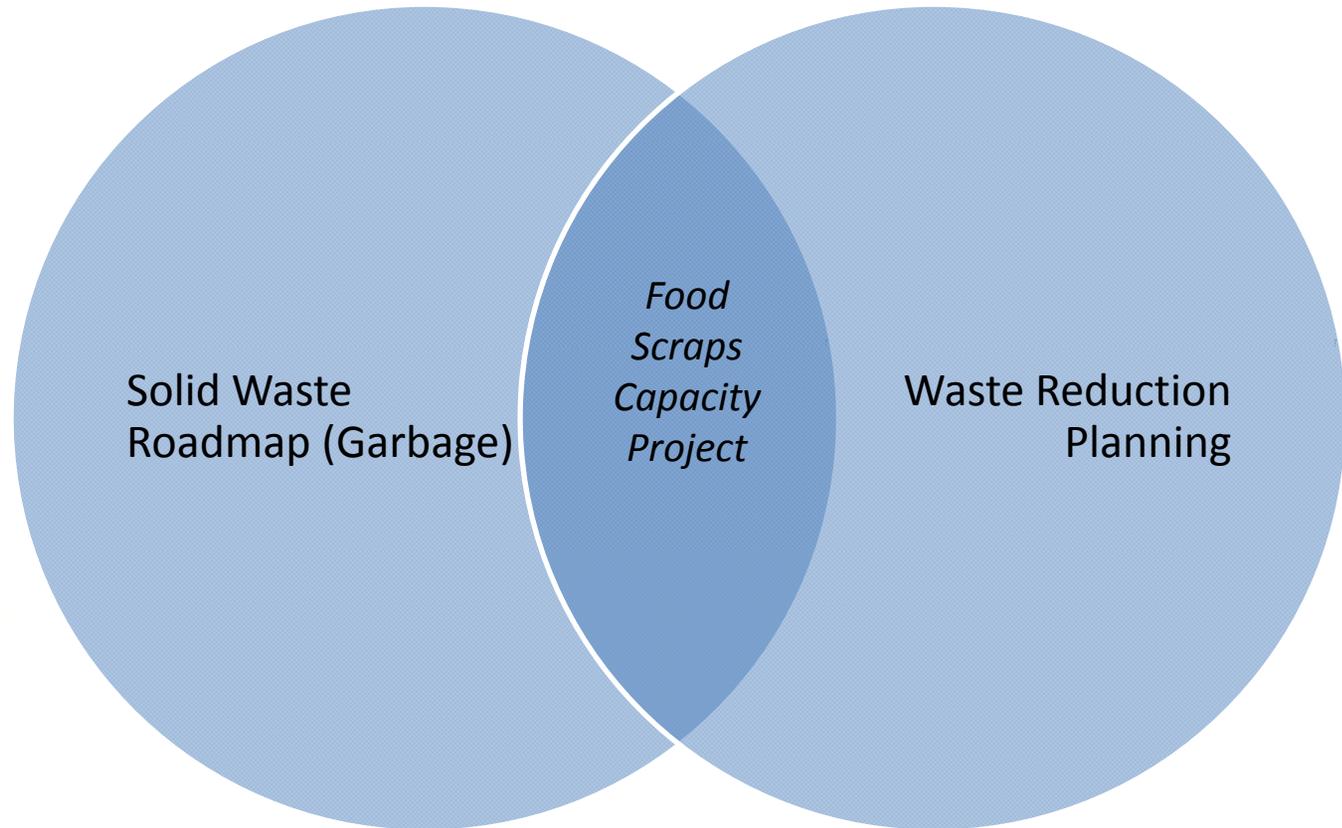
Food Scraps Transfer & Processing Capacity Development

Metro Council Work Session
November 18, 2014



Metro | *Making a great place*

Additional Context

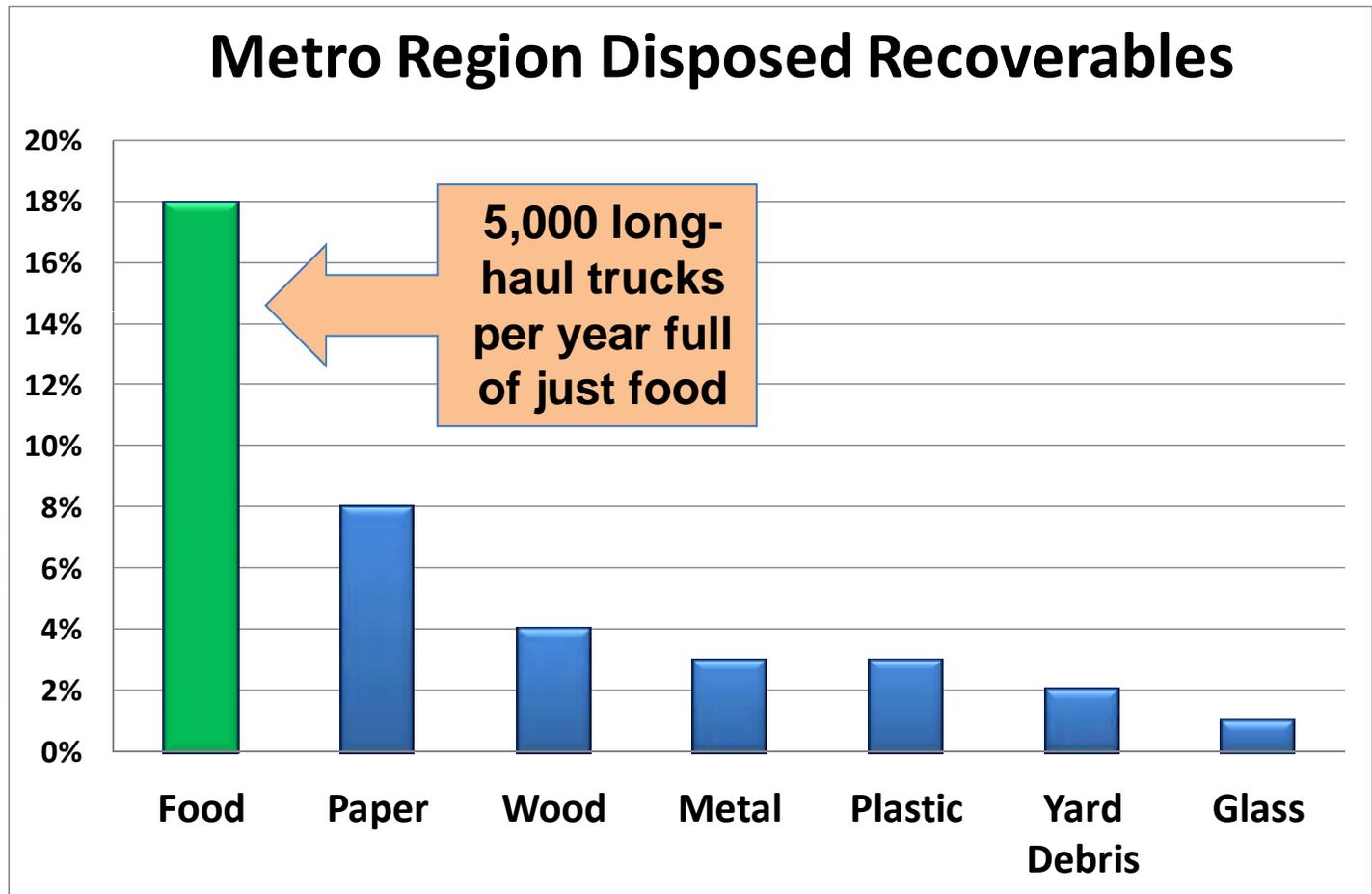




Presentation Outline

1. Provide a project overview.
2. Present possible paths forward.
3. Review feedback from Solid Waste Alternatives Advisory Committee and stakeholders.
4. Obtain guidance from Council on next steps.

Why Food Scraps?



Why Food Scraps?

Net Greenhouse Gas Emissions

1. Anaerobic Digestion
2. Aerobic Composting
3. In-Sink Grinder
4. Landfill

Lowest



Highest

Problem Statement

The current approach is ineffective at meeting the region's food scraps processing capacity needs.

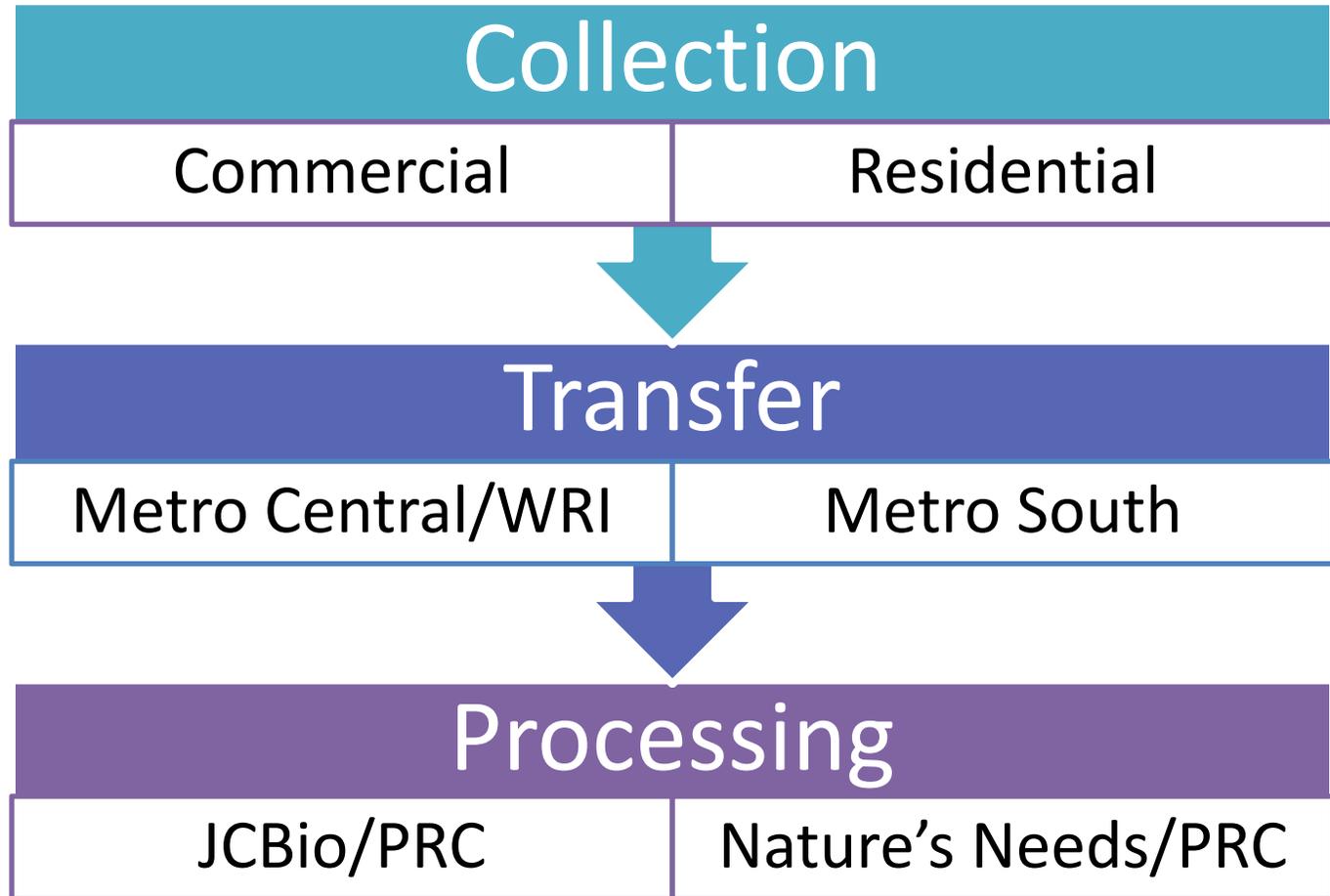


Project Objective

Ensure the region has a sustainable food scraps recovery system.



Today's Food Scraps System





Key Barriers to Progress

- 1. Supply:** Any investment in processing infrastructure is reliant on confidence in supply of food scraps, which the region cannot currently provide.
- 2. Location:** The goal of “proximate capacity” may not be feasible in the region.

Paths to Address Supply

1. Enact a disposal ban (or equivalent).
2. Use flow control authority.
3. Provide financial incentives.





1. Disposal Ban

- Supply is stabilized.
- Mechanism for implementation could take many forms.
- Metro has implemented two “bans” to date: BRR and EDWRP.
- Phased implementation and enforcement are stakeholders’ biggest concerns.

Disposal Bans in N. America

United States

- California
- Connecticut
- Massachusetts
- Rhode Island
- Vermont
- New York City
- Seattle

Canada

- Quebec
- Nova Scotia
- Prince Edward Is.
- Montreal
- Vancouver
- Nanaimo

2. Flow Control

- Metro directs waste to its own facilities.
- Metro directs waste to specific private facilities.



3. Financial Incentives



Paths to Address Proximity

1. Allow material to flow **out of region.**
2. Metro uses its technical, financial and political resources to get facilities **in the region.**



Transfer Capacity





Stakeholder Feedback

- SWAAC reinforced support for exploring a regional food scraps disposal ban.
- Metro should take steps to ensure an adequate and stable supply of quality food scraps.
- Support exploring funding for system development.
- Desire to have a system that works for multiple players, not just the big ones.



Staff Recommendations

1. Conduct full analyses of the three **Supply** alternative paths (disposal ban, flow control, financial).
2. For **Proximity**, allow for consideration of options outside region.



Questions for Council

1. Do you have any questions about the paths identified by staff or suggestions for others?
2. Should we proceed with the further investigation of the three **supply** paths?
 - Disposal ban
 - Flow control
 - Financial incentives
3. Should we explore **out-of-region processing** options?

Next Steps

1. Perform in-depth analysis of paths as directed by Council.
2. Return to Council in 2015 with detailed alternatives for consideration.





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