

Integrated Solid Waste Management in US EPA Region IV



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CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW

Problem

In 2013, low recycling rates caused cities to collectively spend billions of dollars on landfills and lose over \$11 billion in commodity revenue from the sale of recyclable material that was sent to landfills.

Billions spent annually on landfills

Map Represents Distance Waste Travels to Landfills



Over \$11 billion of lost revenue

Value of Wasted Packaging Materials in the U.S.



Source: See Appendix 1 for methodology and plastic material definitions.



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Sustainable Materials Management

Solid waste and materials management programs have historically focused on managing materials at the end of their useful life, focusing on recycling versus disposal. While recycling contributes to SMM, it is just one aspect. SMM considers impacts along the entire lifecycle of the feedstocks/product/packing, beginning with the resource extraction process, and including the manufacturing process, transportation processes of inputs, and all transportation throughout the product lifecycle, as well as product use and end-of-life management.

The graphic below from U.S. EPA illustrates this concept:



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Integrated Solid Waste Management

Developing a stakeholder driven roadmap for moving from a solid waste disposal based system to an integrated solid waste management system) and ultimately one founded or structured on the principles of Sustainable Materials Management.

Products include:

1. 2030 Vision for Integrated Solid Waste Management in EPA Region 4;
2. Guide to Integrated Solid Waste Management Accounting and System Funding; and
3. Benchmarking Analytics for New Program Expansions.



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Yogi Says...



“You’ve got to be very careful if you don’t know where you are going, because you might not get there.”

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2030 Vision for Integrated Solid Waste Management in EPA Region 4

Timeline	Activity	Team Member
April, 2016	Collect and Evaluate Data from State Officials	ReClay StewardEdge
Today	Meet with Stakeholders to: <ol style="list-style-type: none"> 1. Test Drive the State and Regional Vision 2. Identify Drivers Toward That Vision 3. Define barriers to Achieving It 	CSRA
Summer, 2016	Look for Commonalities Across the Eight Region IV States	ReClay StewardEdge
Fall, 2016	Work with State and Federal Leaders to Develop a Unified Regional Vision along with State Profiles	ReClay StewardEdge



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ISWM In Florida: Desired End State

“We would like to develop goals for SMM and would like for them to line up with meeting the 75% recycling goal”

If YOU were to define a desired end state for Florida, what would it be?

Desired End State



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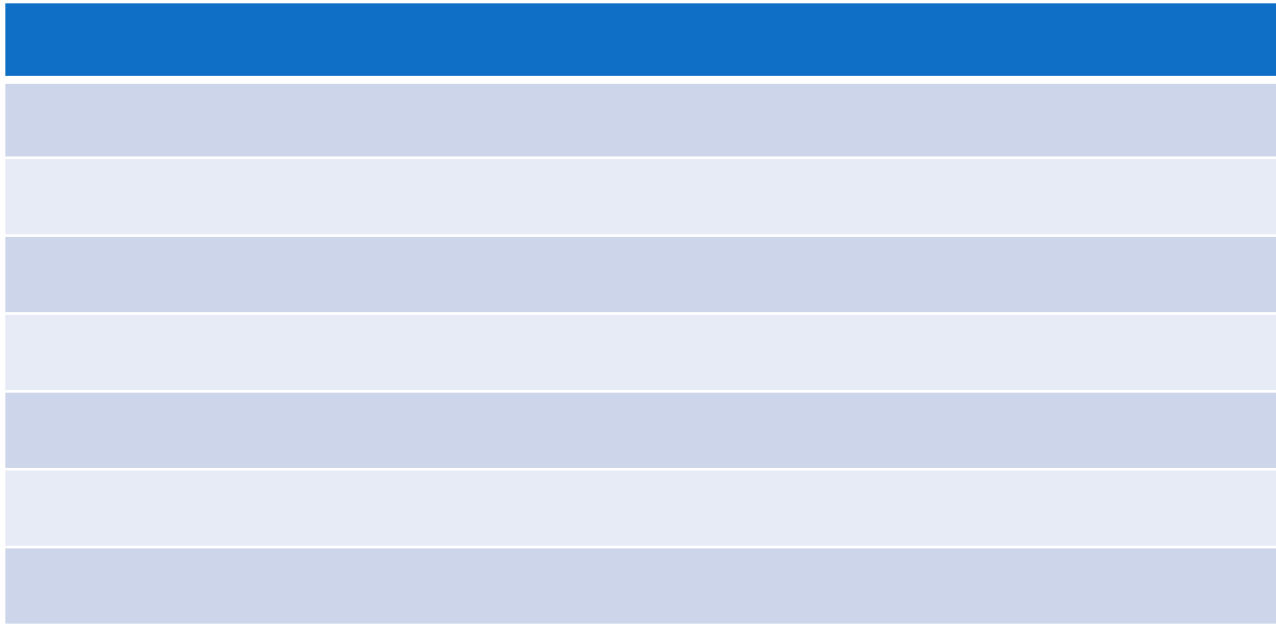
Desired End State Today... and Tomorrow

Programs	Have Today	Need Tomorrow
Waste Prevention/Source Redux, Re-Use		
Recycling/Composting/Energy Recovery/Responsible End of Life Management		
Consumer and ICI Awareness		
Goals and Measurement		
SMM Policies		
Collaboration		
Funding		



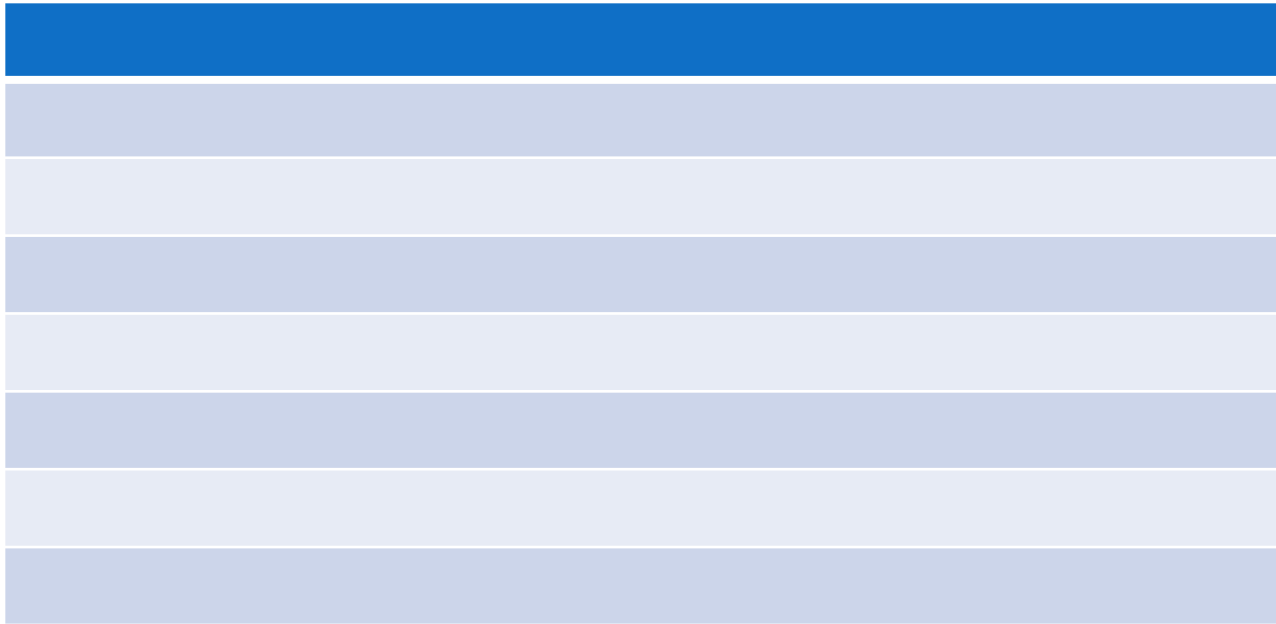
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Gaps Between Where We Are Today and Where We Need to Be for the Desired End State



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Drivers for the Desired End State



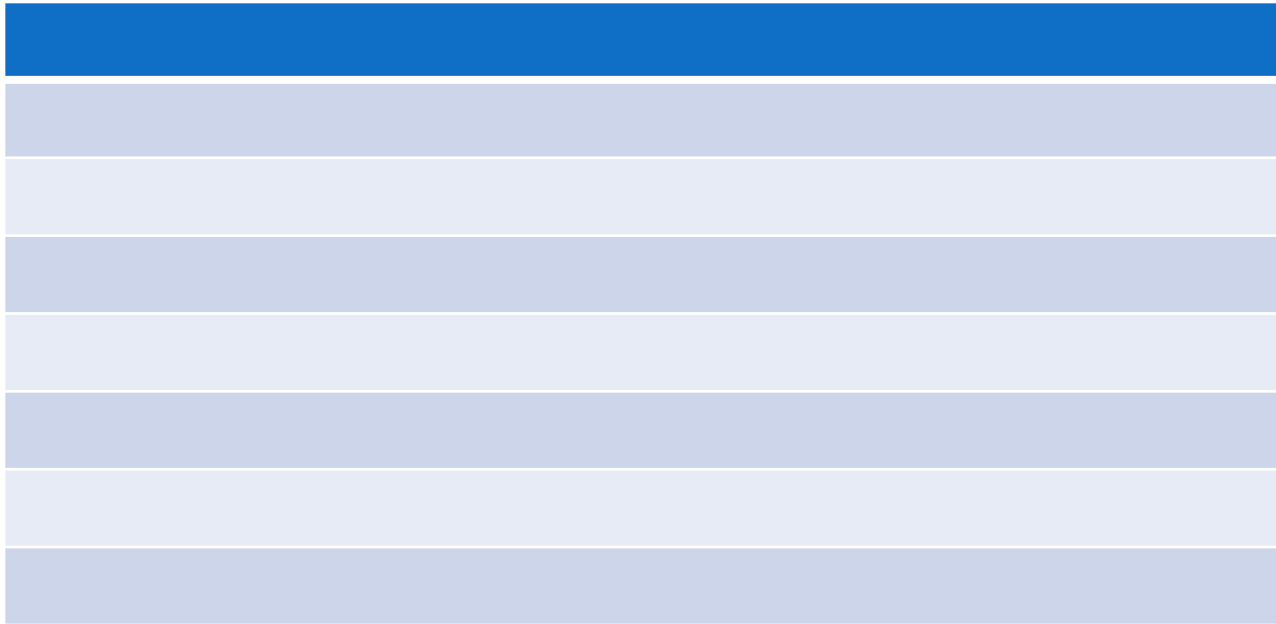
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Barriers to the Desired End State



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Highest Priorities and Next Steps



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Thank you

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