

Regional Management Plan Subcommittee Meeting

April 7, 2021

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Today's Agenda

1. February 10, 2021 Meeting Summary
2. Results of Regional Solid Waste Priorities, Needs, and Goals Survey
3. Regional Solid Waste Management Plan Next Steps
4. Regional Project Discussion
5. Roundtable Topics/Other Business
6. Schedule for Next Meeting

1. Meeting Summary

- ▶ The [February 10, 2021 Meeting Summary](#) will be presented for approval.
- ▶ During this conference call, NCTCOG presented an update on discussions held with TCEQ and the draft Regional Solid Waste Management Priorities, Needs, and Goals Survey.

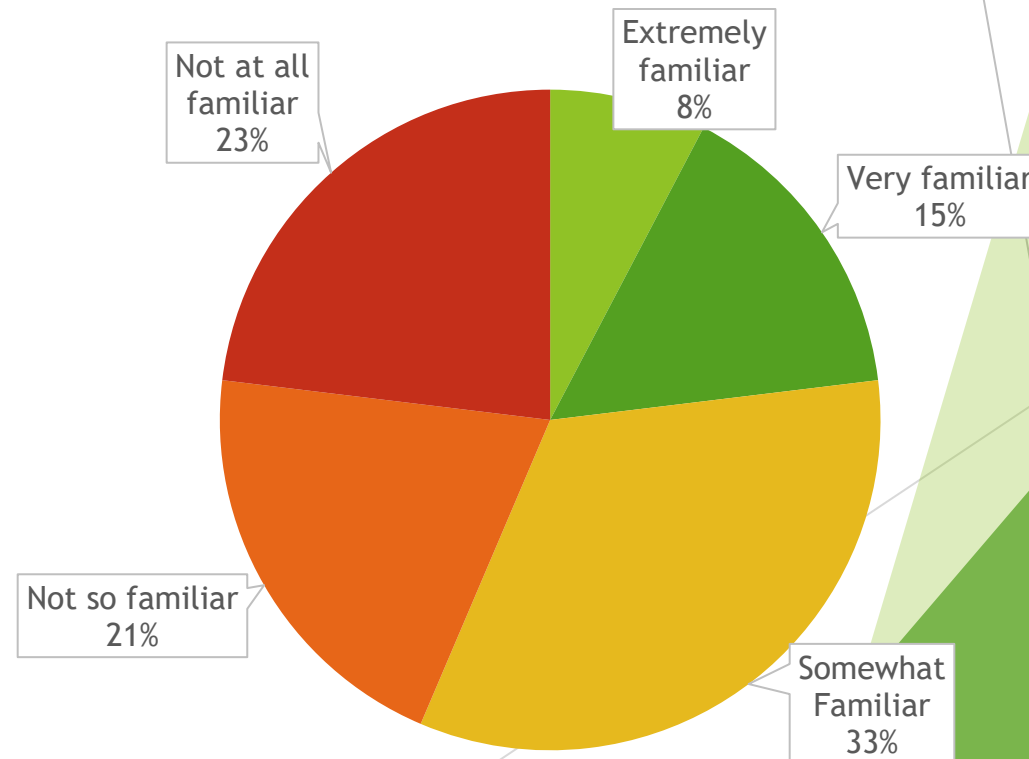
2. Results of Regional Solid Waste Priorities, Needs, and Goals Survey

► Expectations for Today's Meeting:

- NCTCOG will provide overview of results and draft recommendations, and attendees will provide preliminary feedback on recommendations.
- NCTCOG will provide ample opportunity for further, more in-depth feedback via email and at future RMPS meetings before finalizing goals and objectives for the Regional Plan.

► Overview of Results:

- 50 respondents, mostly cities but some private sector, consultants, non-profits and others
- 33% of respondents said they are only "somewhat familiar" with the current Regional Plan

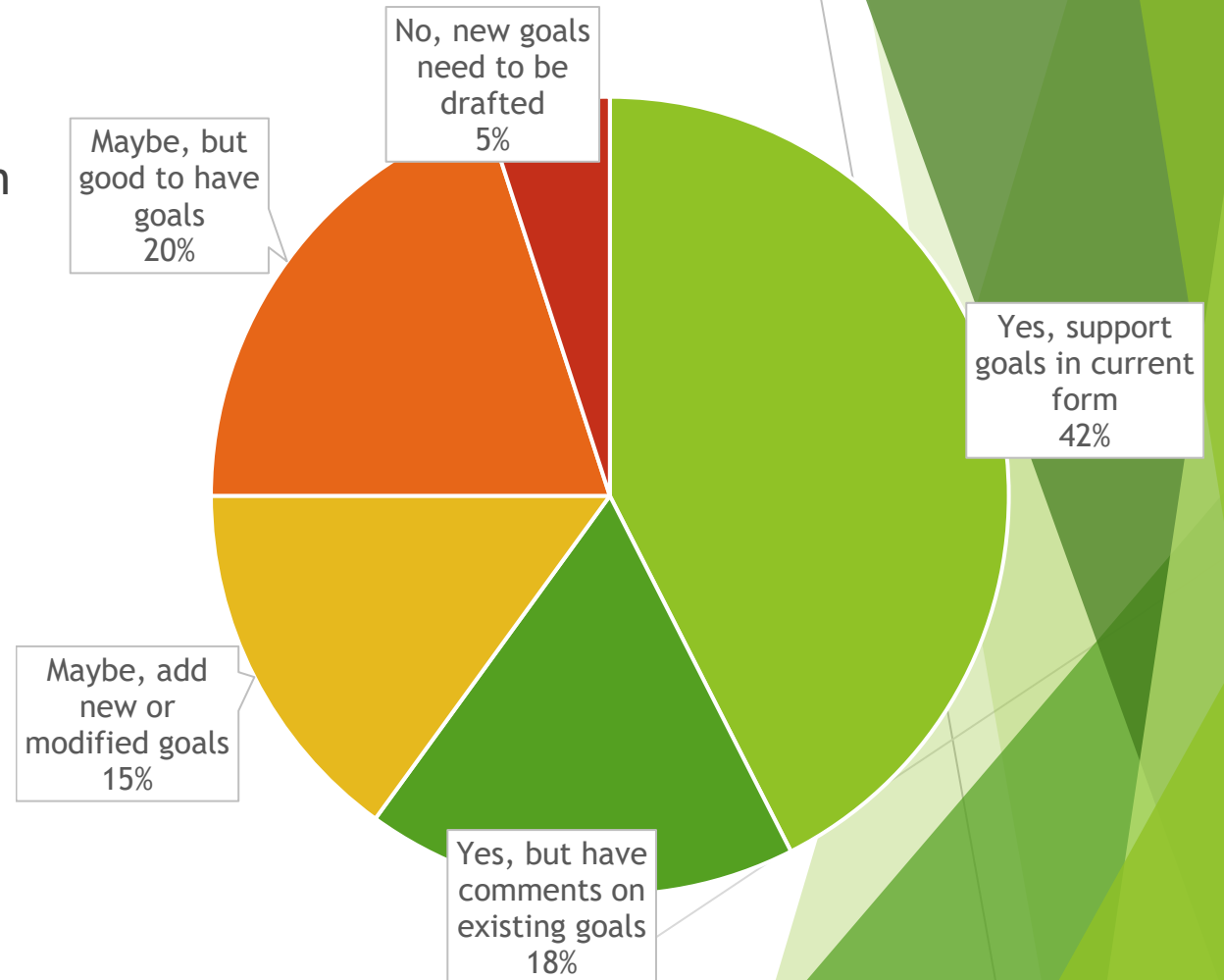


2. Results of Survey

► Current Goals Level of Priority:

1. Promote Creation and Expansion of Waste Management Programs
2. Support Materials Management Education and Training
3. Support and Encourage Innovative Technologies for Other Waste
4. Measure Regional Waste Reduction Efforts
5. Promote Public and Private Sector Partnerships

► Are these goals representative of the region?



2. Results of Survey

- ▶ Goal 1: Support Materials Management Education and Training:
 - ▶ Objective 1: Support outreach and education programs to facilitate long-term increases in source reduction, reuse and recycling.
 - ▶ Objective 2: Educate the public about proper waste management opportunities and alternatives to reduce illegal dumping.
 - ▶ Objective 3: Educate the public about proper management and alternative options for Household Hazardous Waste (HHW).
- ▶ Feedback Received:
 - ▶ 8% responded “needs modification”, 92% responded “support as-is”
 - ▶ Include organics/composting, commercial, industrial, and C&D waste in education efforts, as well as corporate education
 - ▶ Materials management needs to be more specific
 - ▶ Litter should be added, emphasis on impacts on wildlife/environment
 - ▶ “Wish-cycling” needs to be included
 - ▶ “Buy Recycled” - focus on recycled material staying in Texas and creates jobs for specific materials

2. Results of Survey

- ▶ NCTCOG Recommendations for Goal 1: Support Materials Management Education and Training:
 - ▶ Revise action recommendations under Objective 1 to encompass more specific topics (organics/composting, commercial, industrial, C&D waste, wish-cycling)
 - ▶ Add litter to Objective 2 and subsequent action recommendations
 - ▶ Add action recommendation for “Buy Recycled”
- ▶ Questions for group:
 - ▶ Does “Materials Management” need to be revised to be more specific?
 - ▶ Does HHW management need to be moved to Goal 4: Support and Encourage Innovative Technologies for Other Waste?

2. Results of Survey

- ▶ Goal 2: Promote Creation and Expansion of Waste Management Programs
 - ▶ Objective 1: Encourage establishment, maintenance, and expansion of government, single and multi-family residential, and commercial waste source reduction, reuse, and recycling programs.
 - ▶ Objective 2: Expand reuse and recycling on construction and demolition materials.
 - ▶ Objective 3: Expand existing collection and management alternatives for other wastes and establish and expand new product markets.
 - ▶ Objective 4: Facilitate the development and implementation of integrated solid waste management plans.
 - ▶ Objective 5: Promote integrated waste management practices and provide ample, convenient collection, and disposal options in rural and underserved areas.
- ▶ Feedback Received:
 - ▶ 12% responded “needs modification”, 88% responded “support as-is”
 - ▶ Add organics management into Objective 1 or 3
 - ▶ Include “industry” in Objective 1 because they can have the most impact for the ultimate benefit of public sector

2. Results of Survey

- ▶ NCTCOG Recommendations for Goal 2: Promote Creation and Expansion of Waste Management Programs:
 - ▶ There are significantly more action recommendations under this Goal and associated Objectives as compared to others.
 - ▶ Most of the comments to modify objectives are covered in action recommendations.
- ▶ Questions for Group:
 - ▶ Should organics/composting be added as a separate objective under this goal?

2. Results of Survey

- ▶ Goal 3: Measure Regional Waste Reduction Efforts:
 - ▶ Objective 1: Encourage survey and evaluation techniques to establish baselines and effectively track waste reduction.
 - ▶ Objective 2: Encourage the maintenance of disposal and processing capacity to meet the needs of the region.
- ▶ Feedback Received:
 - ▶ 10% responded “needs modification”, 90% responded “support as-is”
 - ▶ “This goal should be modified to include an emphasis on increasing/growing reduction, recycling, diversion and reusing programs, not just the waste reduction efforts”
 - ▶ Objective 2 should be modified to be expansion of disposal and processing capacity.
 - ▶ “Expansion of regional disposal capacity should be a goal in its own”
 - ▶ Needs to be maintaining documented program data with included benchmark/performance evaluation within programs

2. Results of Survey

- ▶ NCTCOG Recommendations for Goal 3: Measure Regional Waste Reduction Efforts:
 - ▶ Add expansion of disposal and processing capacity to either Objective 2 or a new objective
 - ▶ Comment about emphasis on more than just waste reduction efforts is covered in action recommendations - leave as action recommendation
- ▶ Questions for Group:
 - ▶ The Regional Recycling Rate is included in a different section of the Regional Plan. Should it be added as an objective under this goal?
 - ▶ Should the Goal 5 Objective: “Assure that applicants for state permits demonstrate compliance with the adopted regional solid waste plan” be moved to this goal?
 - ▶ Should regional disposal capacity needs be a goal of its own?
 - ▶ Should considerations related to emissions produced by collection and disposal process be included in this goal?

2. Results of Survey

- ▶ Goal 4: Support and Encourage Innovative Technologies for Other Waste
 - ▶ Objective 1: Encourage innovative technologies to reduce, manage, and process emerging waste streams.
- ▶ Feedback Received:
 - ▶ 9% responded “needs modification”, 91% responded “support as-is”
 - ▶ Seems like there needs to be more than one objective under this goal
 - ▶ Add “in a cost-effective manner”
 - ▶ “We need to focus on traditional recycled materials/low hanging fruit first, before we being to consider other materials”

2. Results of Survey

- ▶ NCTCOG Recommendations for Goal 4: Support and Encourage Innovative Technologies for Other Waste:
 - ▶ Adjust action recommendations to include more specific target areas (E-waste, tires, batteries, etc.)
- ▶ Questions for Group:
 - ▶ What “other wastes” should be specified in new objectives under this goal?

2. Results of Survey

- ▶ Goal 5: Promote Public and Private Sector Partnerships
 - ▶ Objective 1: Increase coordination between cities and counties organizational entities to reduce illegal dumping.
 - ▶ Objective 2: Assure that applicants for state permits demonstrate compliance with the adopted regional solid waste plan.*
 - ▶ Objective 3: Maintain and update the Closed and Abandoned Landfill Inventory.*
- ▶ Feedback Received:
 - ▶ 8% responded “needs modification”, 92% responded “support as-is”, <1% responded “remove”
 - ▶ Add objective about facilitating partnerships between local governments and private companies to facilitate integrated waste management/address local and regional needs
 - ▶ Coordination goal should be expanded to include all key aspects of solid waste management

2. Results of Survey

- ▶ NCTCOG Recommendations for Goal 5: Promote Public and Private Sector Partnerships:
 - ▶ NCTCOG is confirming with TCEQ that Objectives 2 and 3 are required to be included
 - ▶ Add objective that mirrors the illegal dumping objective, but includes solid waste management
 - ▶ Further, add action recommendations for both public/private partnerships and public/public partnerships to address solid waste needs.
- ▶ Questions for Group:
 - ▶ Should Objectives 2 and 3 be placed under different goals?

2. Results of Survey - Recycling Rate

State and National Recycling Rates and Goals		
State of Texas		
Source	Recycling Rate Goal	Includes: glass, metals, paper, plastics, biosolids, food and beverage materials, yard trimmings, brush, and green waste, construction and demolition materials, electronic materials, household hazardous waste, textiles, and tires
Texas Source Reduction Goal (Texas Health and Safety Code § 361.422, 1991)	40%	
Source	Recycling Rate	
2013 Texas Recycling Rate (TCEQ, Texas Recycling Data Initiative)	18.90%	
2015 Texas Recycling Rate (TCEQ, Study on the Economic Impacts of Recycling)	22.70%	
United States		
Source	Recycling Rate Goal	Includes: paper, glass, metals, plastics, rubber and leather, textiles, wood. Composting includes food waste, yard trimmings, and other organic waste.
National Recycling Rate Goal for 2030 (US EPA, 2020)	50%	
Source	Recycling Rate	
2015 National Recycling Rate (US EPA)	34.70% (includes 8.9% composting)	
2017 National Recycling Rate (US EPA)	35.20% (includes 10.1% composting)	
2018 National Recycling Rate (US EPA)	32.1% (includes 8.5% composting)	

Local Recycling Rate Goals		
City of Dallas - Local Solid Waste Management Plan (2011-2060)		
Year	Recycling Rate Goal	Includes: metal, paper and cardboard, glass, plastic, and cartons
2020	40%	
2030	60%	
2040	85%	
City of Fort Worth - Comprehensive Solid Waste Management Plan (2017-2037)		
Year	Recycling Rate Goal	Includes: metal, paper and cardboard, glass, and plastic
2023	40%	
2037	60%	
2045	80%	

North Central Texas Capture Rates		
Year	Recycling Capture Rate	Includes: paper, cardboard, plastic, metal, and glass
2018	31%	
2019	30%	
2020	29%	

*A capture rate is a different measurement than a recycling rate. A capture rate is the total amount recycled, divided by the total recyclables in both the recycling and trash waste streams, while a recycling rate is the total amount recycled, divided by recyclables plus trash.

2. Results of Survey

▶ Recycling Rate Discussion

▶ Average Results:

- ▶ Recycling Rate through 2025: 36% (range: 10-50%)
- ▶ Recycling Rate through 2030: 42% (range: 20-65%)
- ▶ Recycling Rate through 2035: 51% (range: 27-80%)
- ▶ Recycling Rate through 2040: 59% (range: 30-100%)

▶ Comments Received:

- ▶ Should this be a recycling rate or a capture rate?
- ▶ Additional feedback received for recycling rates for other wastes (HHW, C&D, Yard Waste/Organics, etc.) but responses also varied greatly for these.

▶ NCTCOG Recommendation:

- ▶ NCTCOG recommends that no decision on the recycling rate is made today.

3. Regional Plan Next Steps

- ▶ NCTCOG released an RFP for a contractor to assist in the development of the Regional Plans, which closed on March 11.
- ▶ NCTCOG and the volunteers for the scoring committee met virtually on March 25 and have selected a vendor.
- ▶ At the next RMPS meeting, the selected vendor will be announced after we have executed a contract with them.

4. Regional Project Discussion

- ▶ FY22-23 Biennium Regional Project
- ▶ Likely 20% of total Implementation Budget
- ▶ Considerations:
 - ▶ Potential Project Topics:
 - ▶ Organics waste
 - ▶ Waste disposal capacity/recycling
 - ▶ Tires/illegal dumping
 - ▶ Timeline for project

Discussion

5. Roundtable/Other Business

6. Schedule for next Regional Management Plan Subcommittee Meeting

- ▶ May or June 2021

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