

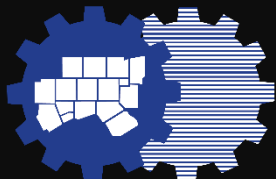
North Central Texas Food Waste Collection Networks Roundtable



Monday, July 12, 2021

Breanne Johnson, Environment &
Development Planner

Tamara Cook, AICP, Senior Program Manager



North Central Texas
Council of Governments



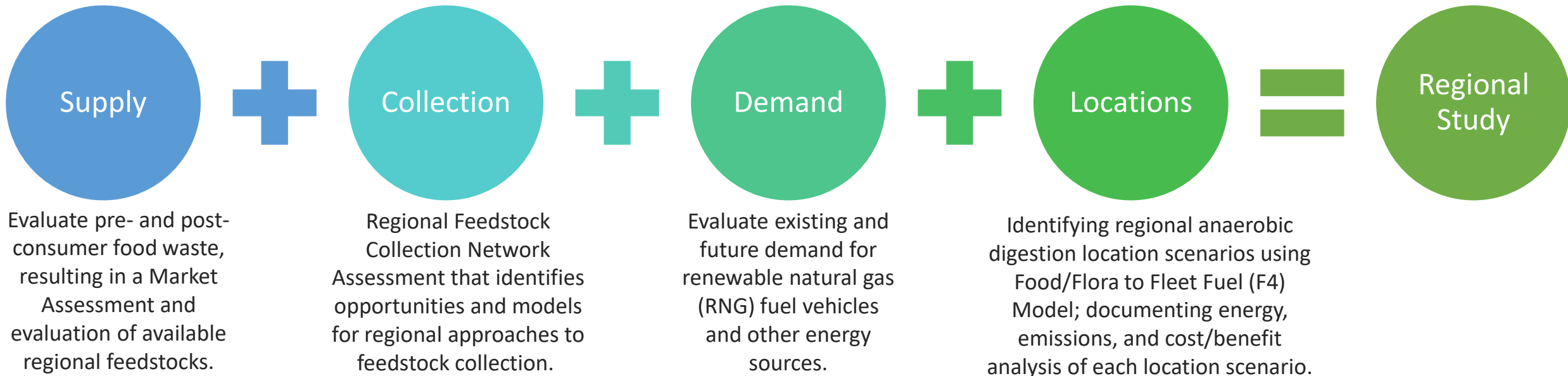
Meeting Agenda

1. Welcome and Meeting Purpose
2. Update on NCTCOG Organic Waste to RNG Efforts
3. Presentations from Partner Organizations
 - Texas Christian University Food Waste Partnerships
 - Dr. Gina Hill, Associate Professor, Texas Christian University
 - Fort Worth Residential Food Waste Collection
 - Flavia Paulino, Material Management Marketing Analyst, City of Fort Worth
 - ~~• Grapevine Commercial Food Waste Collection~~
 - ~~• Sergio Gonzalez, Business Development Manager, Organix Recycling~~
4. Discussion of Regional Opportunities
5. Next Regional Meeting TBD

North Central Texas Organic Waste to Fuel Feasibility Study

Regional Study Goals:

- Advance regional efforts to divert food waste, and other organics, from landfills to preserve landfill capacity
- Increase regional renewable energy opportunities
- Evaluate the potential to reduce fleet emissions
- Identify pilot projects and partnerships to advance those projects



NCTCOG Regional Study Updates

- North Central Texas Organic Waste to Fuel Feasibility Study
 - Award and initiation of work March 15, 2021
 - Partnership between NCTCOG, DFW Clean Cities, and University of Texas at Arlington
 - Goal: Identify pilots and partnerships to move regional waste-to-energy projects forward
 - Contractor RFP issued on July 2nd
 - **[Proposals due by Monday, August 2nd](#)**
 - Pre-Proposal Conference on Wednesday, July 14th at 9:00 am
 - Contractor to initiate work in early Fall
- Participation in RNG Working Group hosted by DOE's Argonne National Lab
- Past Regional Webinars:
 - December 9, 2020 - Food Waste, Anaerobic Digestion, and RNG Regional Efforts Roundtable ([recording and presentations available here](#))
 - March 24, 2021 – Organic Waste to RNG Regional Stakeholders Meeting ([recording and presentations available here](#))

NREL Waste-to-Energy Technical Assistance for Local Governments

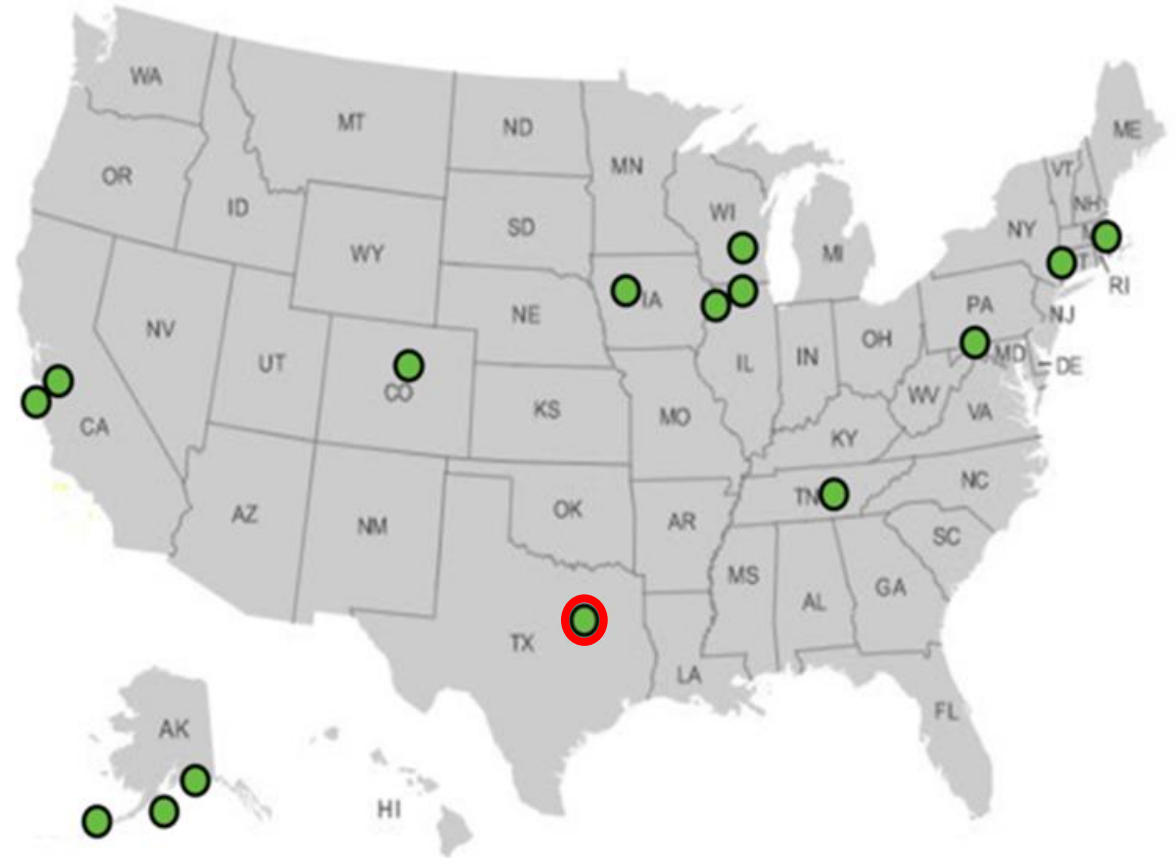


NCTCOG and our partners have been selected to receive 40 hours of free technical assistance from the National Renewable Energy Laboratory on a waste-to-energy project.

Regional partners include:

- City of Lewisville
- City of Plano
- DFW International Airport
- Toyota Motor North America

Technical assistance will include a Cost-Benefit Analysis of potential locations for a regional anaerobic digester to transform food waste and biosolids into RNG.



Phase 1 Selections from the Waste-to-Energy Technical Assistance for Local Governments Program. Image courtesy of NREL.

More information about the technical assistance at
www.nrel.gov/bioenergy/waste-to-energy-technical-assistance.html.

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Serving Grocers, Food Manufacturers and Other Generators of Food Waste

Organix Recycling was established in 2009 for the purpose of diverting food recyclables from landfills to more environmentally sustainable options. In just the past several years, we have become the largest collector of grocery-related food scraps in the United States, servicing clients in 43 states and Puerto Rico.

For America's Most Respected Supermarket Brands...

Organix Recycling has become an environmentally responsible partner, diverting more than 720 million pounds of food scraps from landfills in 2018 alone.

Our comprehensive program includes...

- *On-site orientation and program rollout*
- *Delivery of receptacles for all acceptable food waste*
- *Scheduling to minimize operational disruptions and maximize diversion opportunities*
- *Weekly back-of-store collection, rinsing receptacles and safe transport of recyclables*
- *Recycling de-packaged produce, dairy, salad bar and bakery items including acceptable fruits, vegetables, bakery, dairy, pasta, coffee grounds, and meats. (complete list provided)*
- *24/7/365 support and monthly reporting of all material and capture information*

By diverting waste from landfills, Organix is converting recyclables into renewable energy and organic animal feed and compost, lowering overall disposal costs for more than 8,000 grocery stores and food generators.

Compost Program

866-301-8500

NO TRASH! NO BASURA!

ACCEPTABLE ITEMS

- ✓ FRUITS
- ✓ VEGETABLES
- ✓ BAKERY
- ✓ DAIRY
- ✓ PASTA
- ✓ MEATS/FISH
- ✓ FLOWERS
- ✓ PAPER/CARDBOARD
- ✓ FOOD SCRAPS
- ✓ COFFEE GROUNDS



UNACCEPTABLE ITEMS

- NO PLASTICS
- NO GLASS
- NO TRASH
- NO METAL
- NO CANS
- NO BOTTLES
- NO STYROFOAM



19065 Hickory Creek Drive, Suite #240 - Mokena, IL, 60448
708.326.3900 www.organixrecycling.com



For more information, contact
Organix Recycling at:
866-301-8500 or
service@organixrecycling.com.

Group Discussion

Topics:

Feedstocks

Stakeholders

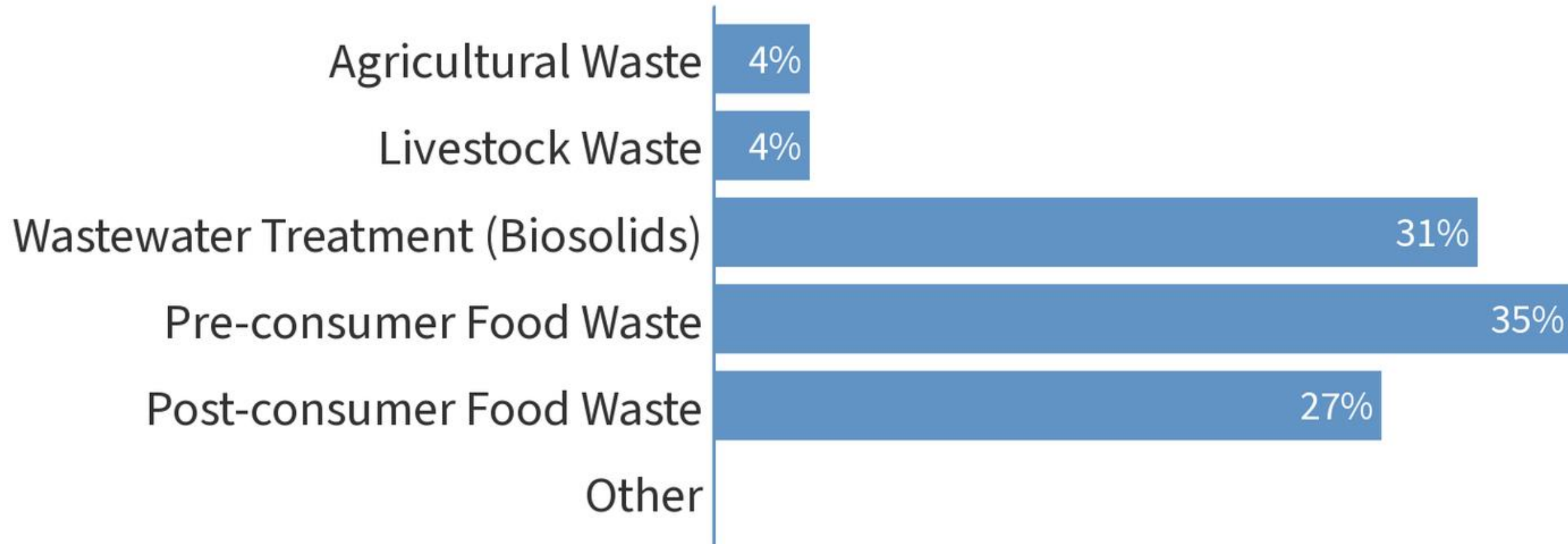
Collection networks

End-uses

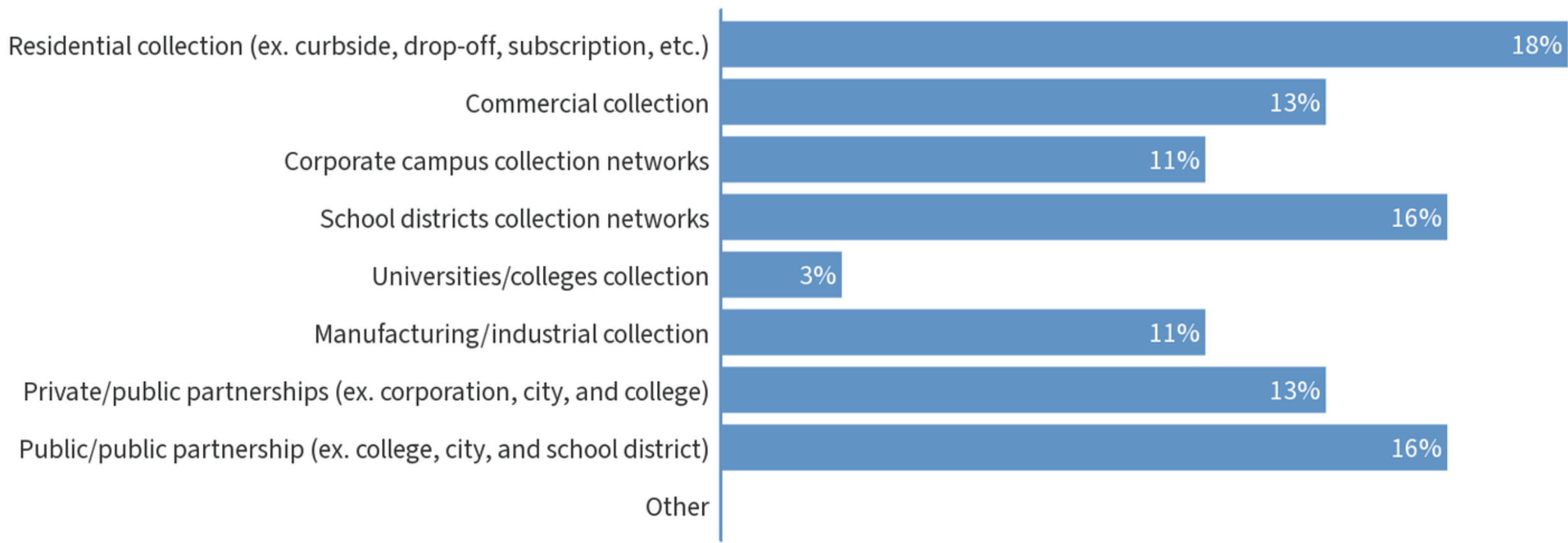
Today's Roundtable Presentations Posted

<http://conservenorthtexas.org/event-archive>

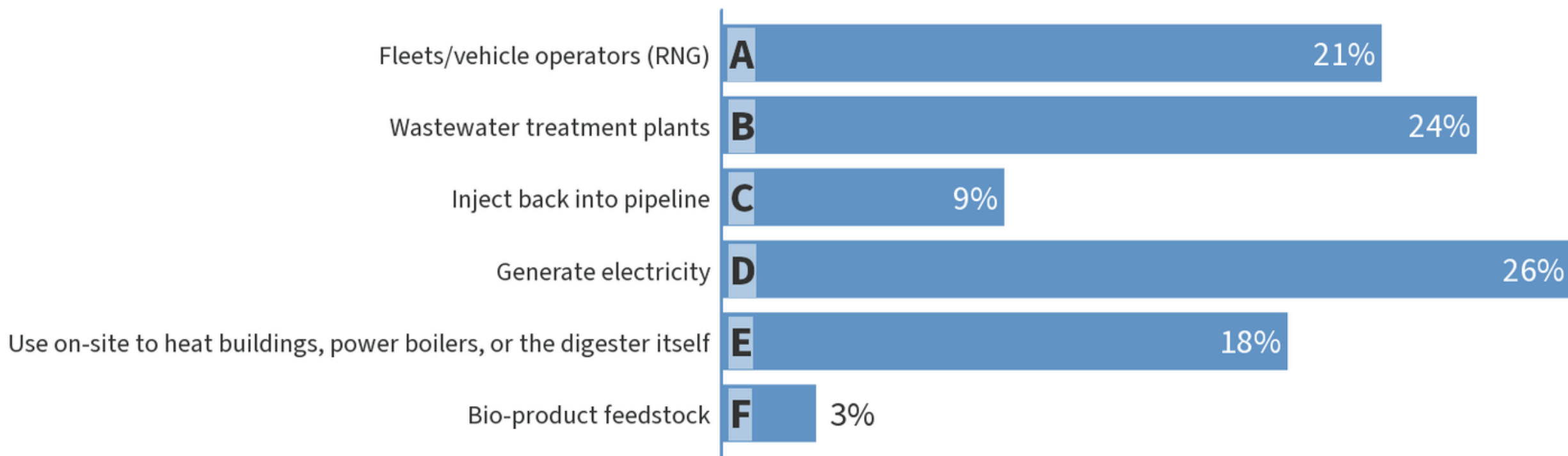
What organic feedstocks should the study prioritize assessing on a regional scale? (Select up to three)



Which organic waste collection strategy/models would be good pilot projects to assess? (Select up to three)



What end use for the biogas should be prioritized for consideration from a regional perspective? (Select up to three)



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Regional Study Next Steps

- **Initiation of Work with Contractor: Fall 2021**
- **Establish and Convene Advisory Group with Diverse Stakeholders to Guide Study**
 - Municipalities
 - Wastewater Provider
 - School District
 - Private Sector
 - Industry
 - Non-profit
 - University (UTA) and others as appropriate
- **Next Regional Roundtable – October/November 2021**
 - Presentation ideas?

EPA Anaerobic Digestion Grant Opportunity

The U.S. Environmental Protection Agency (EPA) is seeking applications for projects from states, tribes, territories and non-profit organizations to help reduce food loss and waste and divert food waste from landfills by expanding anaerobic digester (AD) capacity in the United States.

All applications must achieve one or more of the following objectives:

- Develop new or expand existing AD capacity for processing food waste.
- Demonstrate solutions and/or approaches for increasing food waste AD utilization that can be replicated by other communities, governments, or other entities.
- Support state, Tribal, and/or local government programs that seek to use AD to increase their food waste diversion rates.

Up to \$2 million in total AD funding available.
Individual projects may receive \$50,000-\$200,000 over two years.

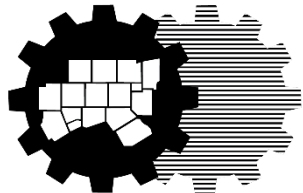
Applications are due by October 7, 2021.
Additional information is available on [Grants.gov](https://www.grants.gov), under Funding Opportunity Announcement EPA-OLEM-ORCR-21-02.

For more information on this opportunity, and to join the informational webinar (**August 2, 2021, from 2:00-3:00 pm CT**) visit the [EPA Anaerobic Digestion Funding Opportunity website](https://www.epa.gov/anaerobic-digestion-funding-opportunity).



THANK YOU!

Presentations, upcoming webinars, and training opportunities posted at conservenorthtexas.org



**North Central Texas
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