

2022 WEBINAR SERIES

Recycling's National Strategy

Monthly on Wednesdays at 11am ET

April 20 May 18 June 15 July 13 Aug 10 Sept 14

July 13, 2022

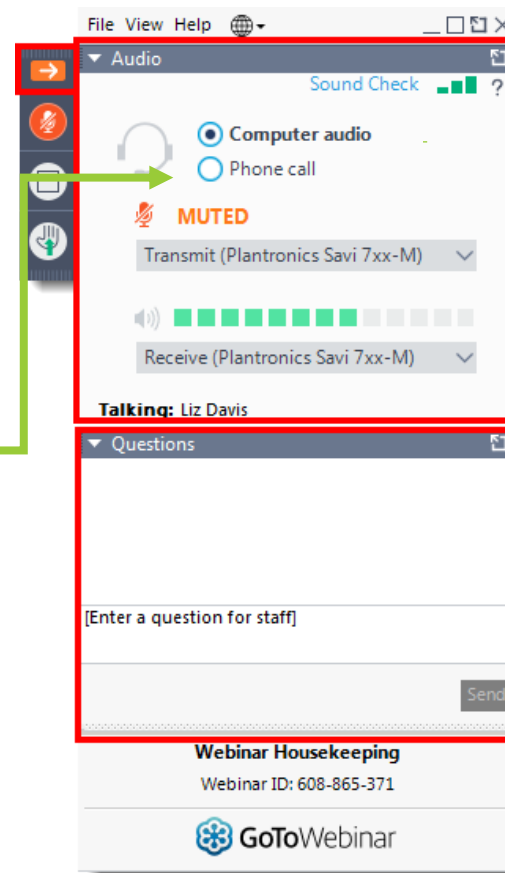
**INCREASE COLLECTION AND IMPROVE MATERIALS
MANAGEMENT INFRASTRUCTURE**

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Some Housekeeping Items

- You will be on mute for this meeting.
- This meeting is being recorded. The recording and the presenter's slides will be sent to you in an email within a week.
- Appropriate questions typed in the box will be asked by the moderator after everyone has presented.
- If you experience problems with your sound, you can choose AUDIO in your control panel and dial in using the phone number that appears.
- Please register for our other webinars in the series at www.serdc.org/webinars



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Moderated by SERDC Committee Member::

Natalie Betts,
Balcones Resources



About Us

- Founded in 1994 – Over 27 years in business
- Largest independent recycler in the Southern US
- All we do is **recycle**
 - No landfill ownership, no trash hauling
- Five recycling facilities
 - 6th facility coming soon to San Antonio, TX



The Balcones Difference



Our Facilities
Most advanced facilities in the country



Our People
Recycling is our life's work



Our Partnerships
Award-winning and unrivaled



Our first presenter is:

Scott Mouw

Senior Director of Strategy and Research, The Recycling Partnership

Collection and Processing: Room for Improvement and Opportunity

Scott Mouw, The Recycling Partnership

SERDC Webinar Series

July 13, 2022



We mobilize people, data, and solutions across the value chain to unlock the environmental and economic benefits of recycling and a circular economy.

Engaging the Supply Chain



* Member Board of Directors

State of Residential Recycling

Foundation in place; massive room for improvement

System delivering 1/3 of available material to the recycling economy

40% of households lack equitable access

Next challenge: Tackling recycling behavior!



Single Family Opportunities

Challenges facing cities

Labor, competing priorities, etc.

Access and Carting

Losses to make up; new places to gain

New Orleans, Mobile, Jackson, western Virginia, Chesapeake

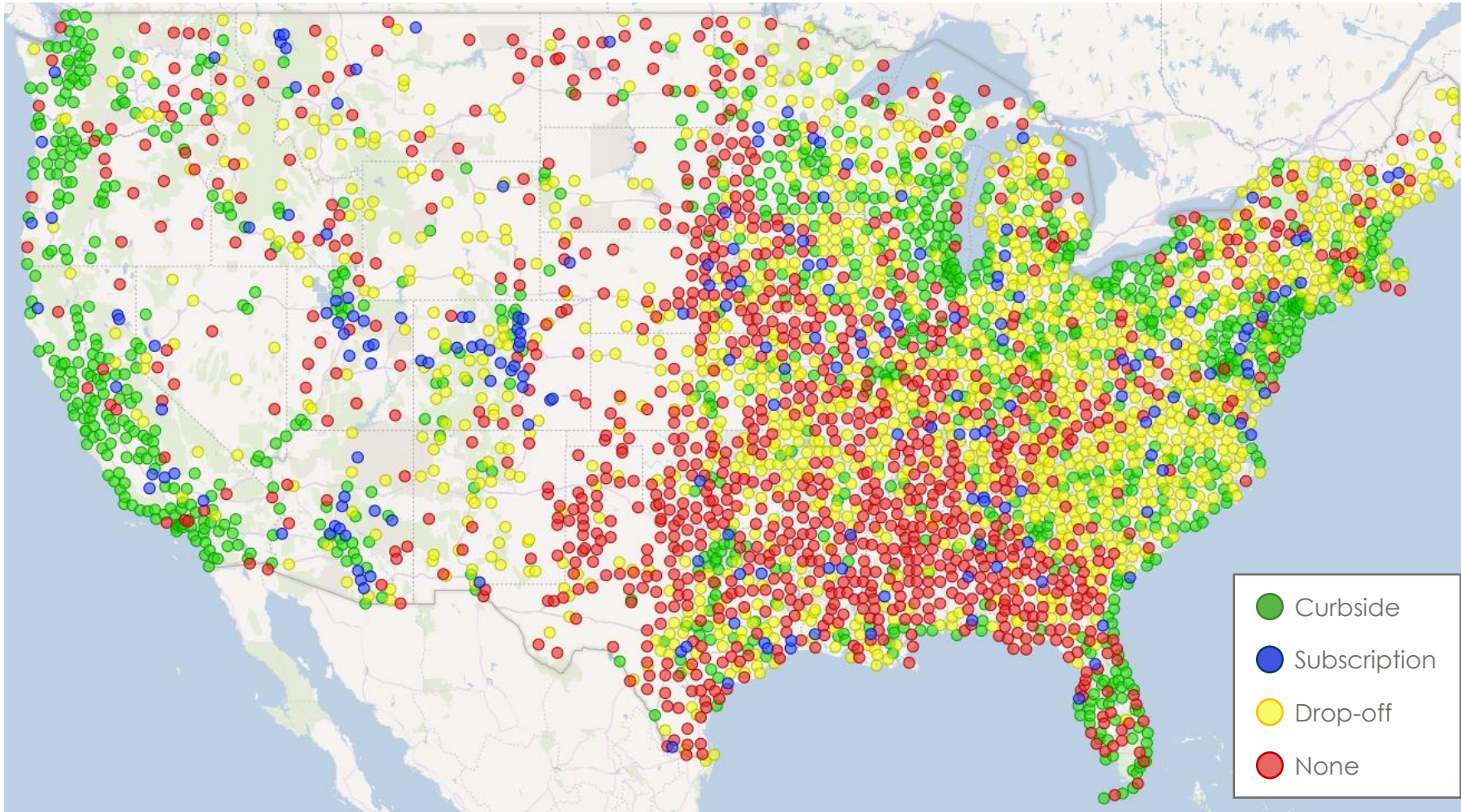
Subscription and service schedules to fix

Drop-off upgrades

Boosting carted programs around recycling behavior



Over 9,000 Programs Researched



Covers 30,000 communities

Includes:

- Type of program
- Type of collection
- Type of bins
- Acceptable materials in each community
- Updated quarterly
- All communities and counties over 2,500 households

MRF Opportunities

Blended values driving investment

Key areas of work to do:

- Saying yes to polypropylene

- Capture upgrades

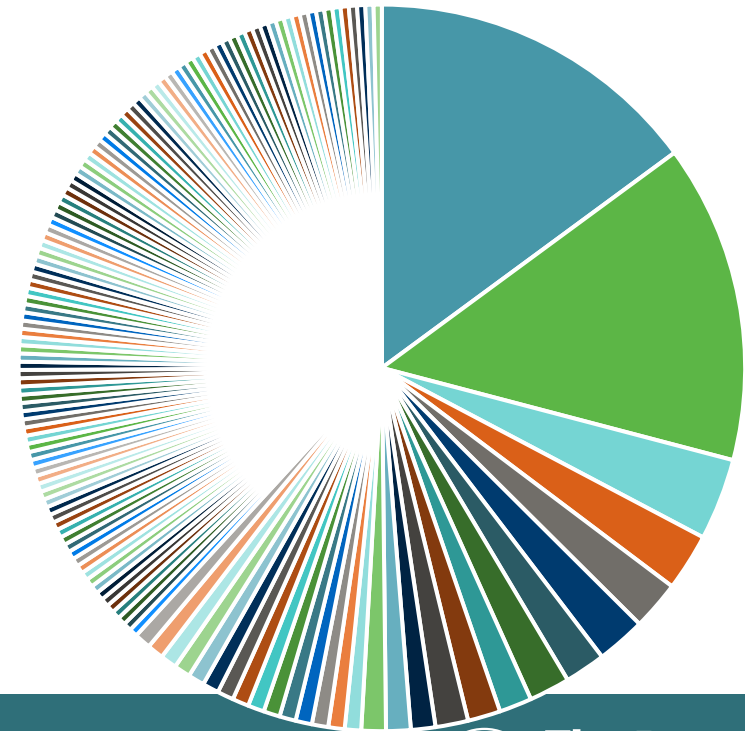
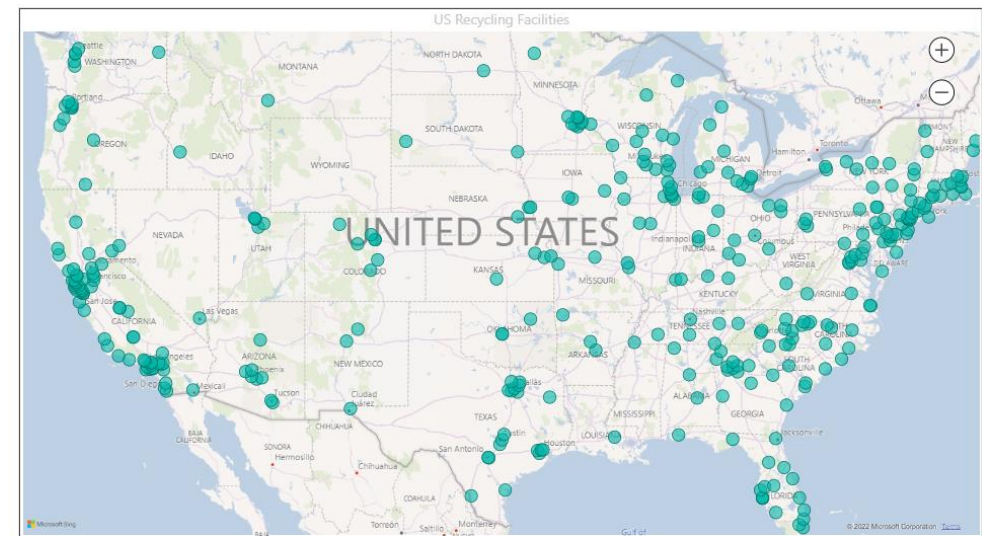
- Prepping for other sorts

- Equipment innovation and deployment

- Automation, automation, automation

- Basic maintenance/operation

Variable MRF picture presents challenges



Estimated Value of All Generated Single-Family Materials

Material	SOC	Mar-22
Cardboard	\$128,283,216	\$818,292,750
Mixed Paper	-\$27,678,242	\$927,059,603
Aseptic & Gabletop	\$6,650,685	\$879,819
PET Bottles	\$566,215,297	\$2,175,569,087
HDPE Natural Bottles & Jars	\$517,418,564	\$555,111,559
HDPE Colored Bottles & Jars	\$206,572,714	\$399,455,697
Glass Containers	-\$157,674,363	-\$181,678,313
Steel Cans	\$90,848,151	\$242,814,537
Aluminum Cans	\$1,308,237,225	\$3,630,355,889
Other Plastic Packaging (~#3-7)	\$8,352,010	\$1,819,960
PP	\$116,655,009	\$573,758,821
Bulky Rigid Plastics	\$56,667,292	\$78,062,425
TOTAL	\$2,703,892,549	\$8,647,743,013



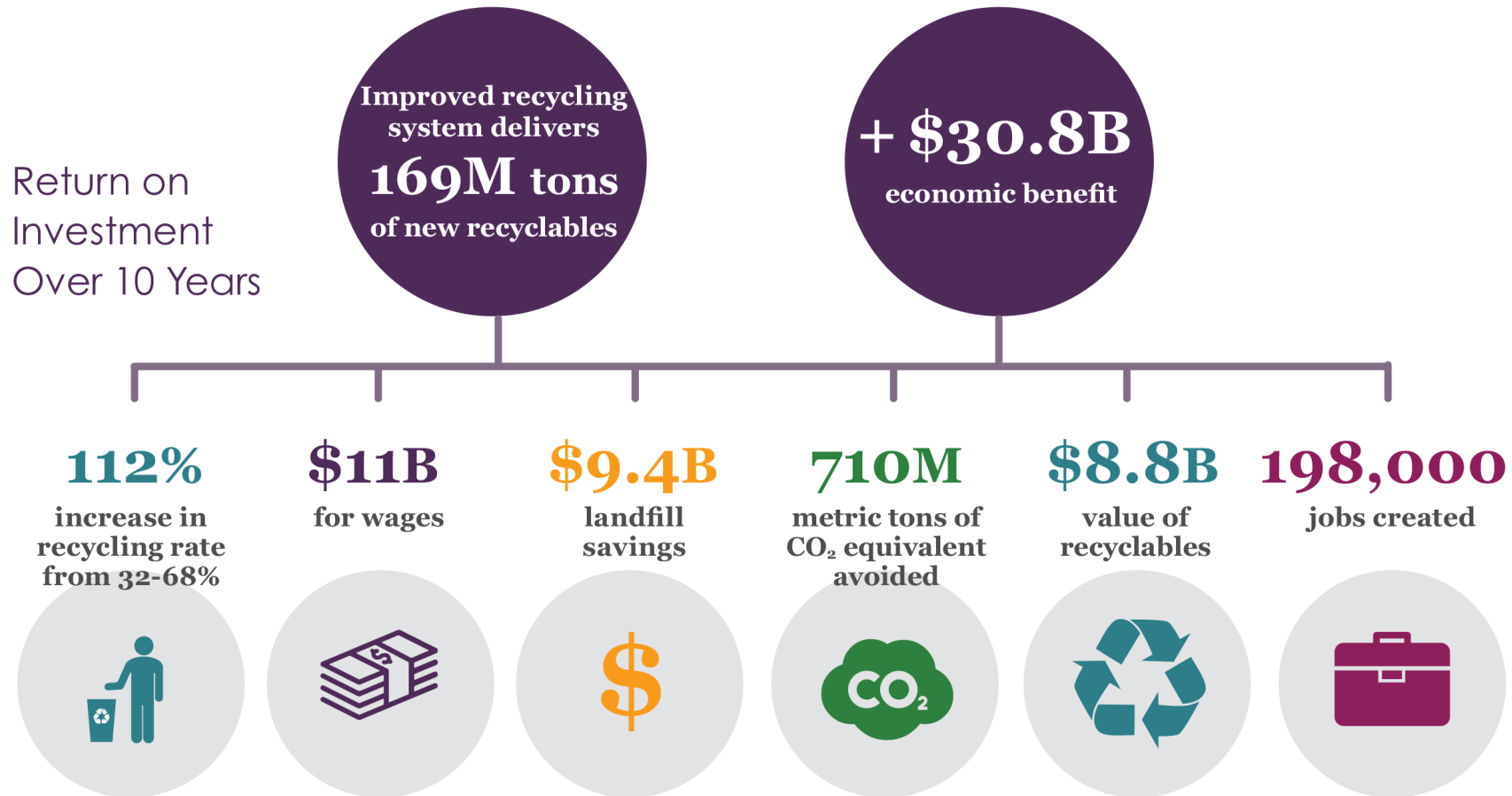
Multifamily Recycling Potential

- 13 MM units lack on-site option
- 80% capture would yield 4MM new tons
- SERDC-area communities making progress:
 - Atlanta, Orlando, Raleigh, Sarasota County
- Mix of containers and approaches
- Local policy as a key driver



www.recyclingpartnership.org/multifamily

\$17B investment is needed over 5 years



<https://recyclingpartnership.org/paying-it-forward/>

Household Capture (volume) and Participation (regularity)

Frequent Recyclers						Infrequent Recyclers				
Household	No.1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No.10
Full Participation	FULL	FULL	FULL	FULL	3/4	HALF	1/4	1/4	NONE	NONE
Full Capture	HALF	HALF	3/4	3/4	3/4	HALF	1/4	1/4	NONE	NONE

“Overheard”
(Barriers)



Within homes with equal access (garbage and recycling same level of service)

It all adds up.

Extended Producer Responsibility Legislation*



- **4 States Have Passed EPR Bills (ME, OR, CO, CA)**
- **17 EPR bills introduced in 2022**

*Packaging/Printed Paper and Packaging EPR

Why SERDC's Work Is So Important

South East Recycling Manufacturing Map





Thank You!

Scott Mouw

Senior Director, Strategy and Research

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Our second presenter is:

Chris Wirth

Vice President of Marketing and Government Relations,
AMP Robotics

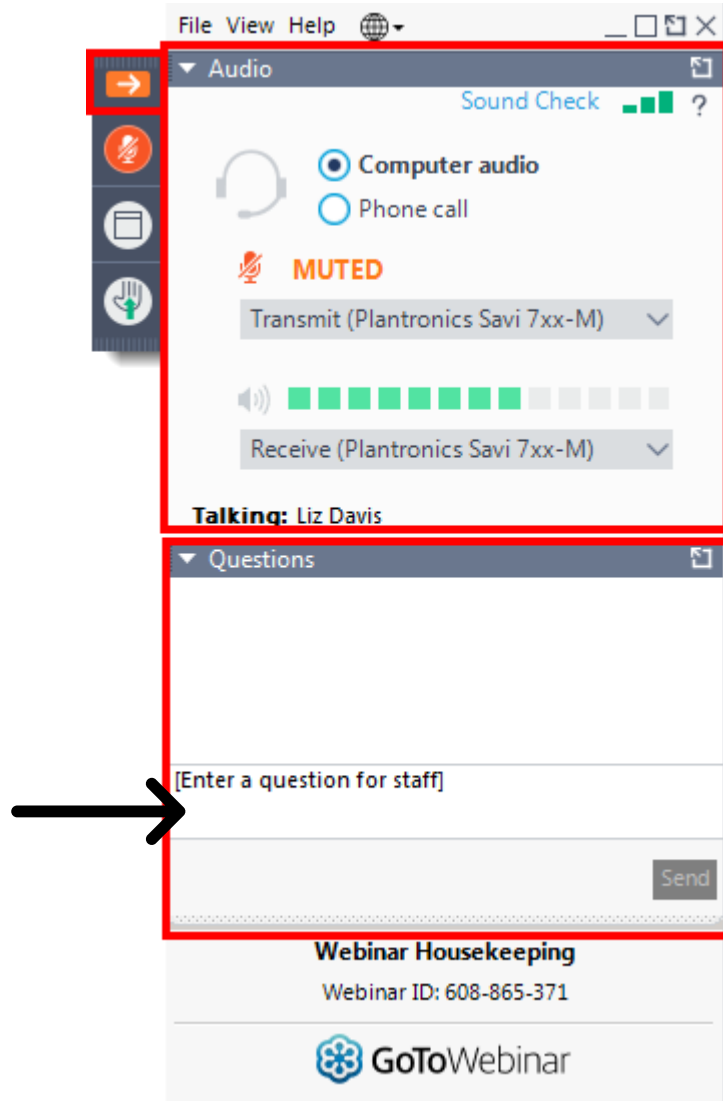
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Ask Questions



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Please comment on the EPA Solid Waste Infrastructure for Recycling Program

<https://www.regulations.gov/document/EPA-HQ-OLEM-2022-0342-0001>

AND

Recycling Education and Outreach- Grant Program and Model Recycling Program Toolkit

<https://www.regulations.gov/docket/EPA-HQ-OLEM-2022-0375>

Comments and information must be received on or before July 25, 2022.



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Make sure August 10 at 11 am ET is on your calendar:

Standardizing Measurement and Increasing Data Collection

Please take the brief survey before you leave today.

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