

131st

# IARW-WFLO Convention

8–12 October 2022

San Diego, California



**GLOBAL COLD CHAIN**

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Monday, October 10, 2022

# Improving Food Loss and Food Waste in the Cold Chain

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Amanda Brondy, GCCA; Ken Whah, RLS Great Lakes ; Justin Brandt, Nor-Am Ice and Cold

# Global Problem of Food Loss & Waste



# Food Loss & Waste in the United States

## FOOD WASTE IN THE U.S. IS...

**EXCESSIVE**

**40%**  
OF ALL FOOD PRODUCED IN THE U.S. IS WASTED

**133 BILLION POUNDS**  
Food wasted per year. That represents 1,249 calories per person, per day.

**EXPENSIVE**

**\$161 BILLION**  
Uneaten food at retailers, restaurants, and homes costs \$161 billion annually

**\$1,500**  
Per capita, this amounts to over \$1,500 for a family of four

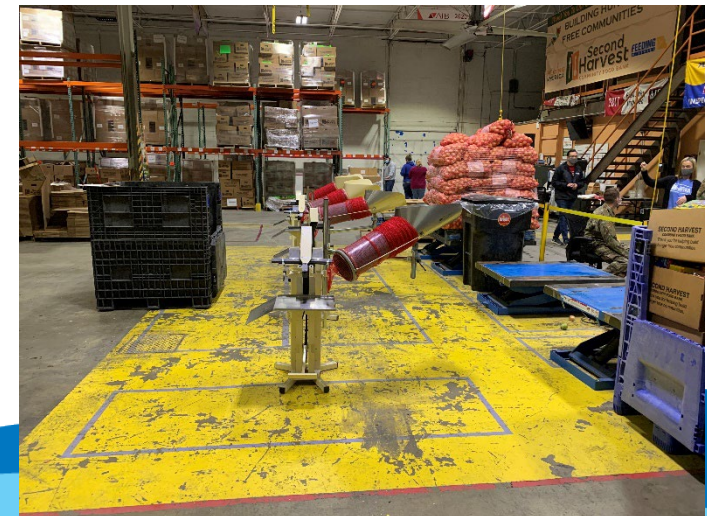
**ENVIRONMENTALLY HARMFUL**

Food makes up 20% of landfill weight—the single largest municipal waste source

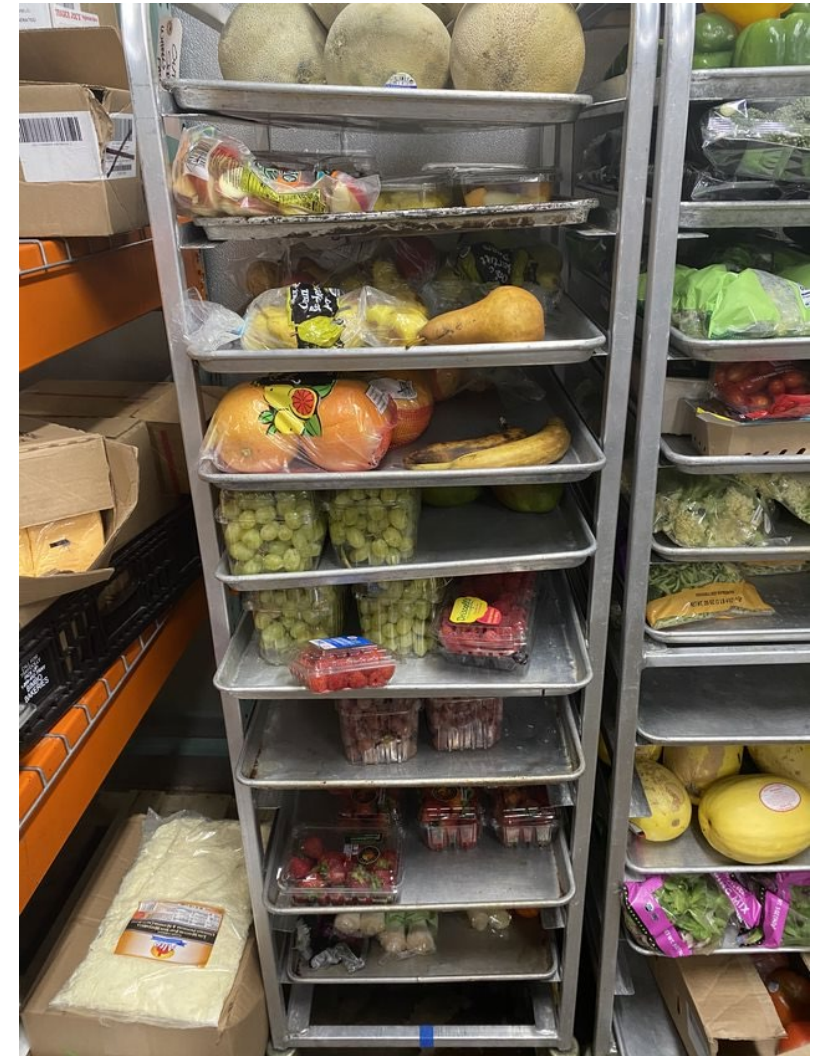
**CH<sub>4</sub> CO<sub>2</sub>**  
The methane released by food is a greenhouse gas 21 times more powerful than carbon dioxide

**AN OPPORTUNITY**

# Case Study 1: Nor-Am Ice and Cold



# Case Study 2: RLS Great Lakes







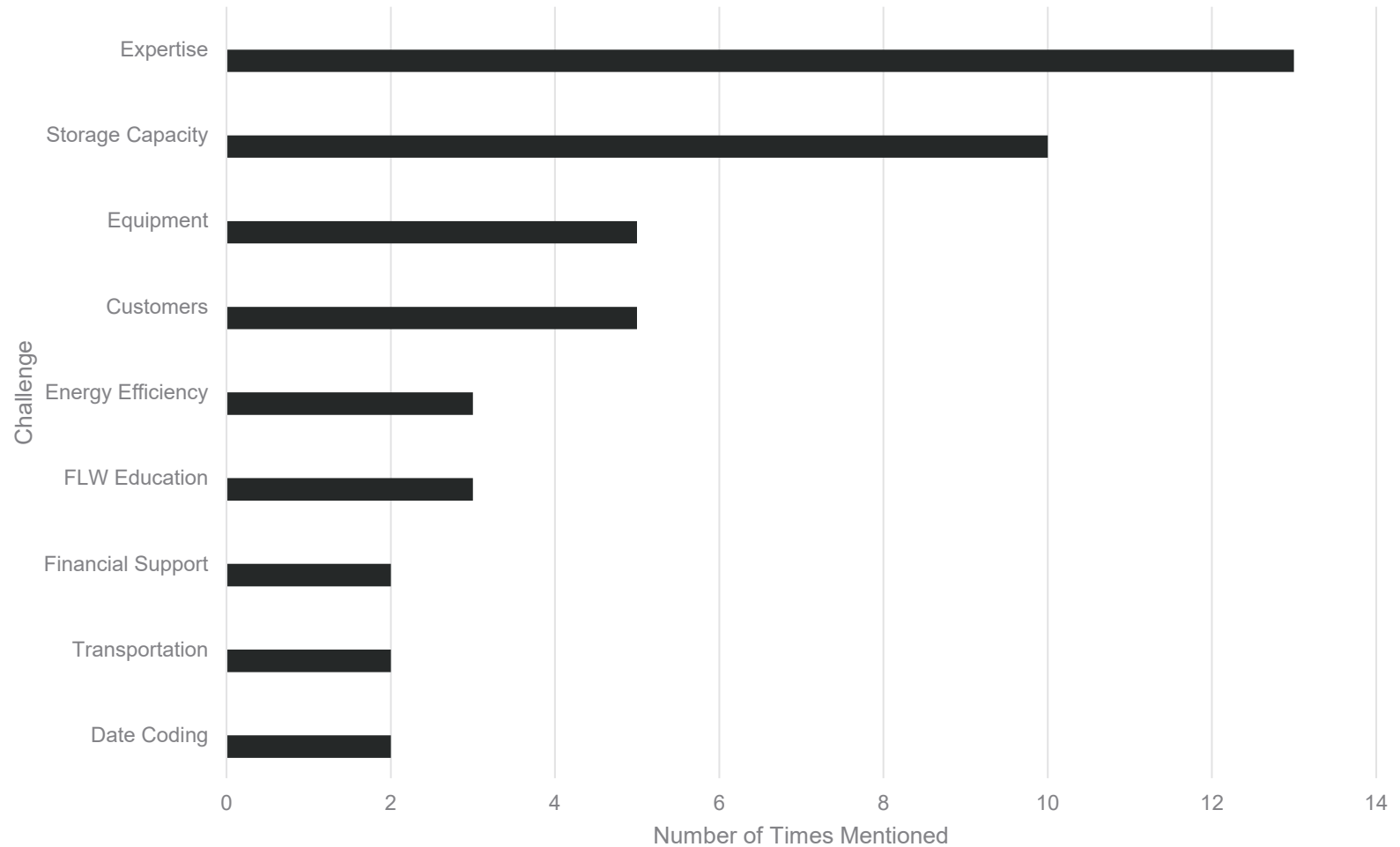


# Role for GCCA



# GCCA Initiative

Challenges for the Food Banking/Food Maximization Organizations



# Additional Recommendations

- Connect food banks interested in mentoring food maximization groups with interested members in their area who could serve as mentors.
- Include Food Recovery as part of advocacy efforts.
- Develop coordination effort whereby individual cold storage companies can donate equipment.
- Sponsor interested food bank operations managers to participate in the Energy Efficiency program.
- Provide scholarships for interested individuals to audit WFLO Institute courses most relevant to their challenges.
- Create a presentation to educate customers about options to avoid food waste.

# Action

- Share the membership type with local organizations
- Contact Amanda Brondy ([abrondy@gcca.org](mailto:abrondy@gcca.org)) to share ideas, stories, or for further information
- Respond to emails from [abrondy@gcca.org](mailto:abrondy@gcca.org) if received