

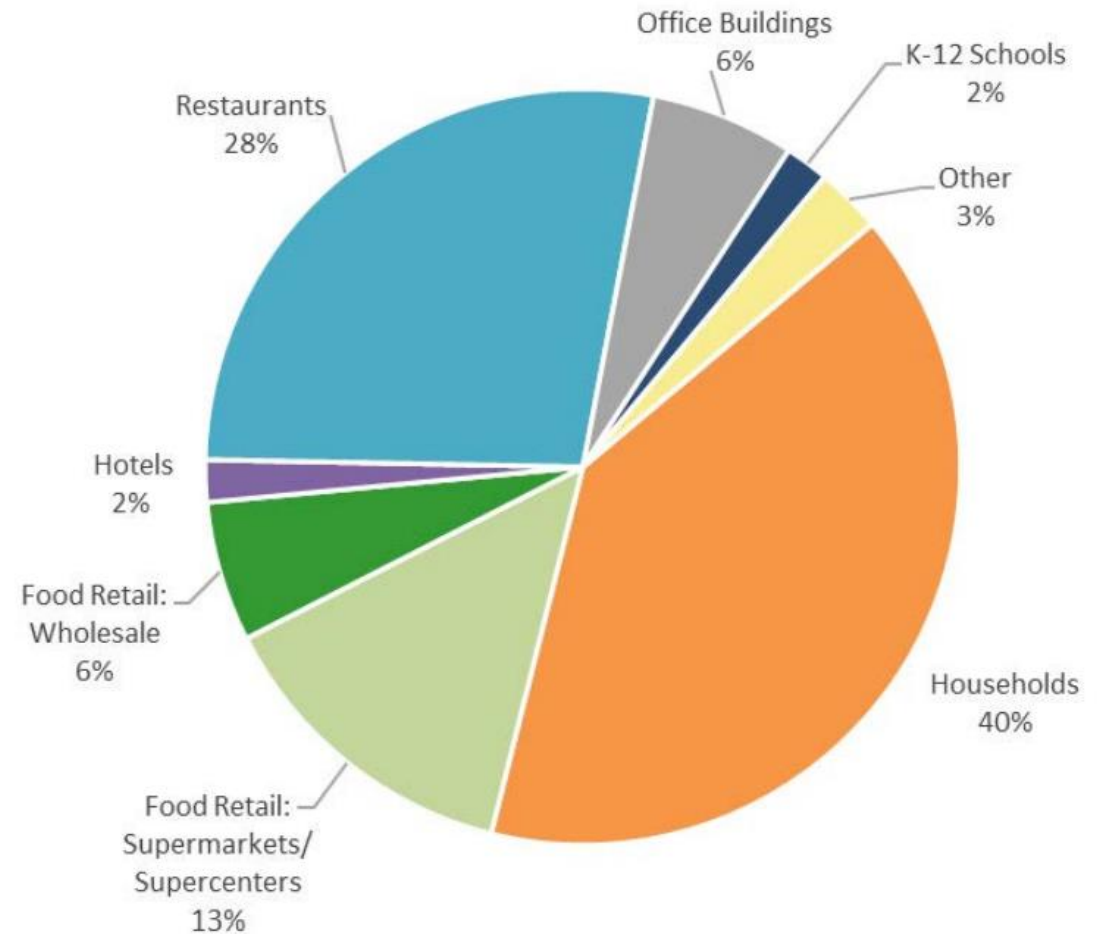
Sustainable Management of Food

Cliff Villa, EPA Office of Land and Emergency Management
ECOS Spring Meeting | Austin, TX | March 25, 2024

Food Waste in the U.S.

- **2019: 66 million tons** of wasted food.
- **Most of this waste sent to landfills.**

Distribution of Wasted Food Generation from the Food Retail, Food Service, and Residential Sectors (2019)



Environmental Impacts of U.S. Food Waste:



What resources go into a year of food loss and waste in the U.S.?

*excluding impacts of waste management, such as landfill methane emissions



Greenhouse gas emissions of more than 42 coal-fired power plants

Enough water and energy to supply more than 50 million homes



The **amount of fertilizer** used in the U.S. to grow all plant-based foods for U.S. human consumption

An **area of agricultural land** equal to California and New York



Learn more: www.epa.gov/land-research/farm-kitchen-environmental-impacts-us-food-waste

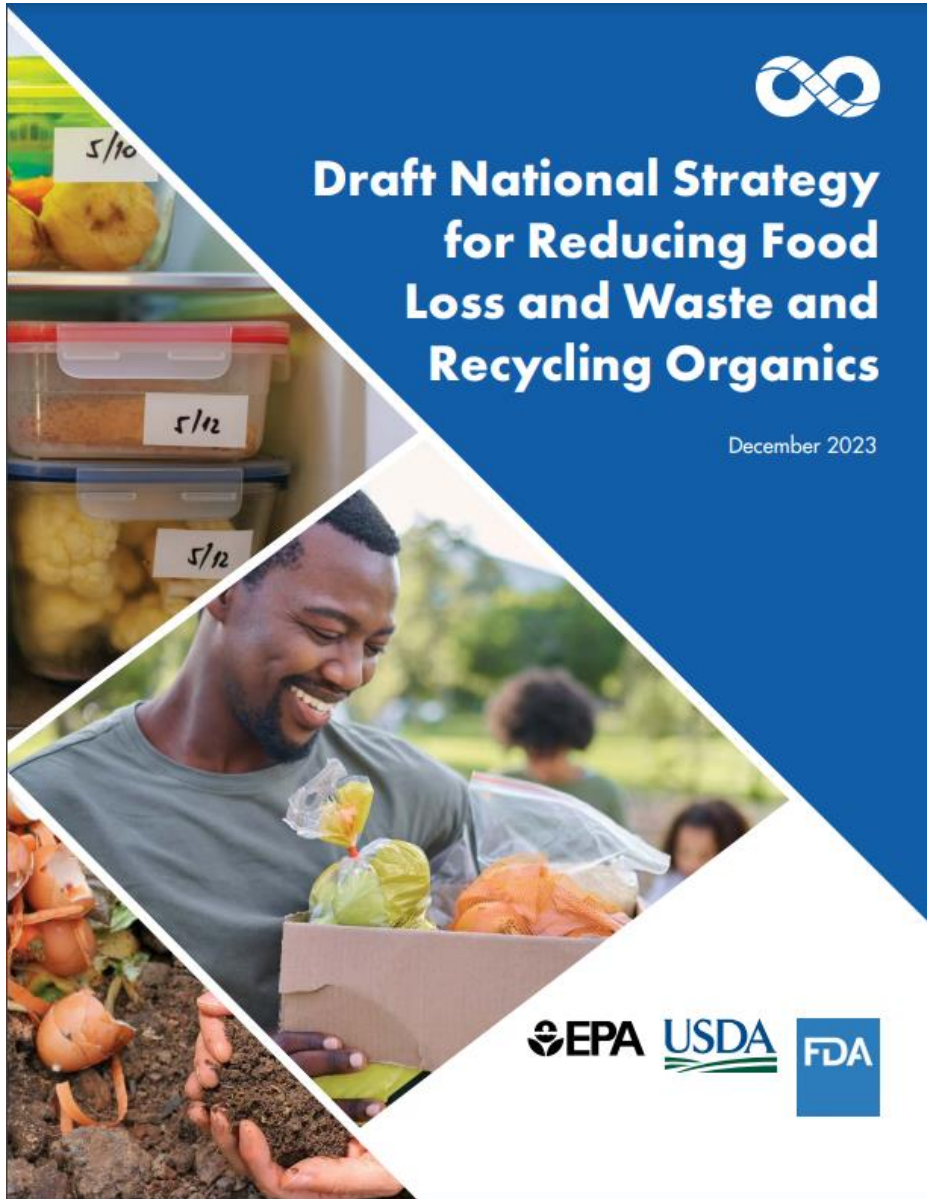
Quantifying Methane Emissions from Landfilled Food Waste

- 2020: **food waste => 55 million metric tons of CO₂ equivalents** from U.S. MSW landfills.
- Est. **58% methane emissions** from MSW landfills are from landfilled food waste.



Support for Building a More Circular Economy





Draft National Strategy for Reducing Food Loss and Waste and Recycling Organics

Objectives

- 1. *Prevent*** the loss of food.
- 2. *Prevent*** the waste of food.
- 3. *Increase*** recycling rate for all organic waste.

GRANT PROGRAMS

Solid Waste
Infrastructure for
Recycling (SWIFR)

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graph TD; SWIFR[Solid Waste Infrastructure for Recycling (SWIFR)] --- G1[Grants for Communities]; SWIFR --- G2[Grants for States and Territories]; SWIFR --- G3[Grants for Tribes and Intertribal Consortia]; REO[Recycling Education & Outreach (REO)];
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Grants
for
Communities

Grants for
States and
Territories

Grants for Tribes
and Intertribal
Consortia

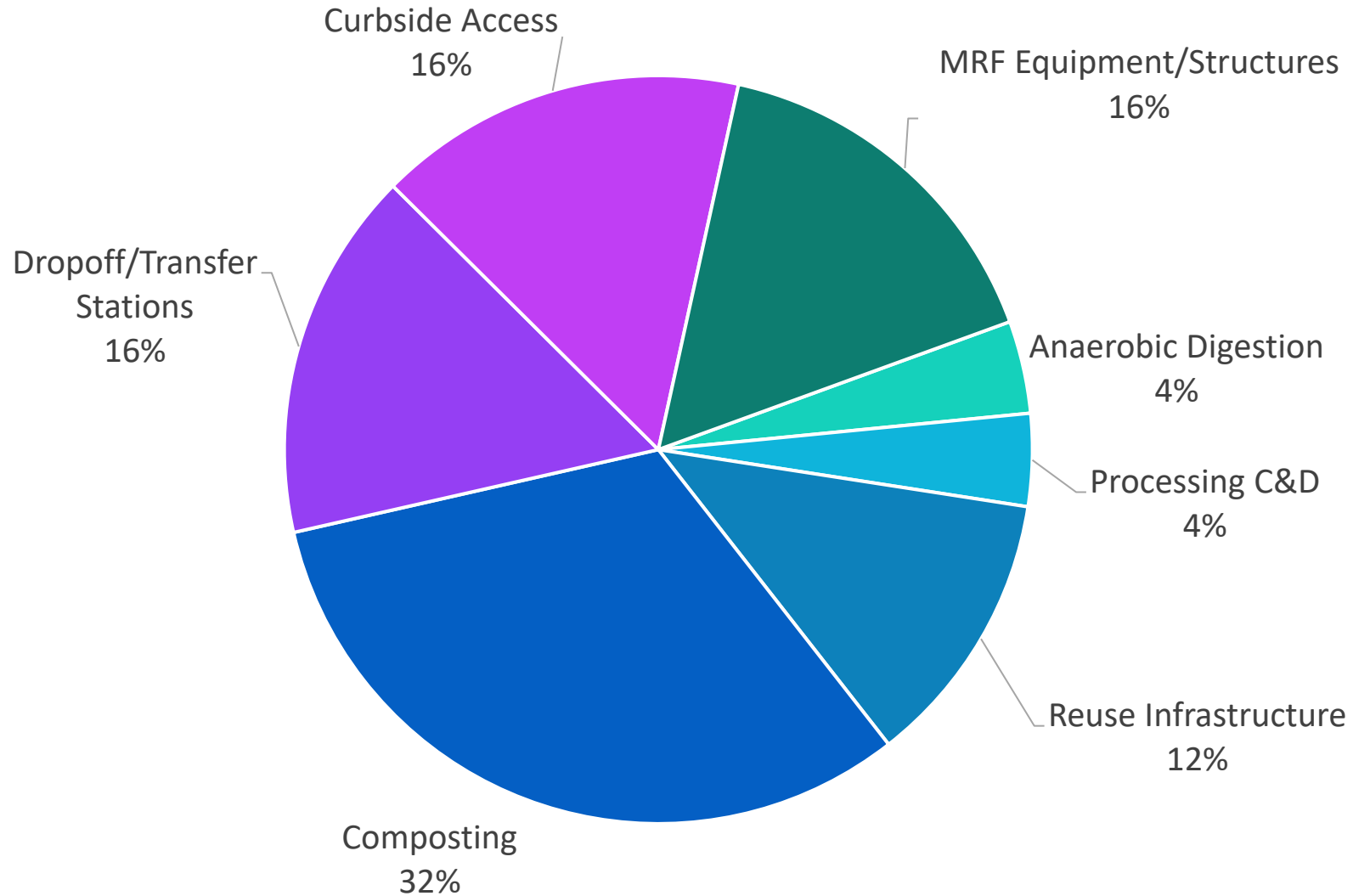
Recycling
Education &
Outreach
(REO)

SWIFR FOR COMMUNITIES

- ❖ Improve local waste management systems, creating stronger, resilient, and cost-effective MSW recycling.
- ❖ **25 selections, totaling \$72,850,875.**
- ❖ **Eligible entities:** cities, counties, townships, villages, parishes, districts, any other political subdivisions.
- ❖ **Justice40:** 76% of funding will benefit disadvantaged communities.



SWIFR FOR COMMUNITIES: PROJECT TYPES



BROWNFIELDS



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Biden-Harris Administration Announces More than \$315 Million Through Investing in America Agenda for Cleanup and Technical Assistance at Polluted Brownfield Sites

EPA announces the largest investment ever in brownfields communities made by President Biden's Investing in America Agenda

May 25, 2023

Contact Information

EPA Press Office (press@epa.gov)

WASHINGTON – Today, the U.S. Environmental Protection Agency (EPA) announced more than \$315 million from President Biden's Investing in America Agenda to expedite the assessment and cleanup of brownfield sites across the country while advancing environmental justice.

EPA selected 262 communities to receive 267 grants totaling more than \$215 million in competitive EPA Brownfields funding through the Multipurpose, Assessment, Revolving Loan Fund, and Cleanup (MARC) Grant programs. Thanks to the historic boost from the Bipartisan Infrastructure Law, this is the largest ever funding awarded in the history of the EPA's Brownfields MARC Grant programs. In addition, the agency is announcing \$45 million in non-competitive supplemental funding to 22 successful existing Revolving Loan Fund (RLF) Grant programs to help expedite their continued work at sites across the country by extending the capacity of the program to provide more funding for additional cleanups. EPA is also announcing selections of five Brownfields Technical Assistance Providers and three



Inflation Reduction Act

[CONTACT US](#)[Inflation Reduction Act Home](#)[Advancing Environmental Justice](#)[Delivering Cleaner Air](#)[Tackling Climate Pollution](#)

Inflation Reduction Act Community Change Grants Program

NOW OPEN!

EPA's new [Environmental and Climate Justice](#) Community Change Grants program (Community Change Grants) has announced a Notice of Funding Opportunity (NOFO) for approximately \$2 billion dollars in [Inflation Reduction Act](#) (IRA) funds in environmental and climate justice activities to benefit disadvantaged communities through projects that reduce pollution, increase community climate resilience, and build community capacity to address environmental and climate justice challenges. These place-based investments will be focused on community-driven initiatives to be responsive to community and stakeholder input. They are designed to deliver on the transformative potential of the IRA for communities most adversely and disproportionately impacted by climate change, legacy pollution, and historical disinvestments.

On this page:

- [Is My Organization Eligible](#)
- [Notice of Funding Opportunity \(NOFO\)](#)
- [Technical Assistance and Resources](#)
 - [Frequently Asked Questions - Community Change Grants NOFO](#)
- [Engagement Opportunities](#)

Biden-Harris Administration Announces \$177 Million for 17 New Technical Assistance Centers Across the Nation to Help Communities Access Historic Investments to Advance Environmental Justice

EPA's Thriving Communities Technical Assistance Centers include a network of over 160 partners to provide resources to unlock access to President Biden's historic investments in America

April 13, 2023

Contact Information

EPA Press Office (press@epa.gov)

WASHINGTON – Today, the U.S. Environmental Protection Agency (EPA) announced the selection of 17 Environmental Justice Thriving Communities Technical Assistance Centers (EJ TCTACs) in partnership with the U.S. Department of Energy that will receive \$177 million to help underserved and overburdened communities across the country access funds from President Biden's Investing in America agenda, including historic investments to advance environmental justice.

Administrator Regan announced the 17 technical assistance centers on the Biden-Harris Administration's Investing in America tour in New York City, New York with Congressman Adriano Espaillat (NY-13) and WE ACT for Environmental Justice Co-Founder & Executive Director Peggy Shepard, highlighting the President's historic investments in environmental justice. From day one of his administration, President Biden made achieving environmental justice a top priority. Through the Investing in America agenda, the Biden-Harris Administration will continue to support and strengthen communities that for too long were left out and left behind.

"We know that so many communities across the nation have the solutions to the environmental challenges they face. Unfortunately, many have lacked access or faced barriers when it comes to the crucial federal resources needed to deliver these solutions," **said EPA Administrator Michael S. Regan**. "Today we're taking another step to break down these barriers. Establishing these Environmental Justice Thriving Communities Technical Assistance Centers across the nation will ensure all communities can access benefits from the President's historic economic plan, which includes groundbreaking investments in clean air, clean water, and our clean energy future."

“TCTACs”

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Map of the EJ TCTACs

Click the map below to see the 16 EJ TCTACs and their partners:





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