

EPA: Sustainable Management of Food Overview

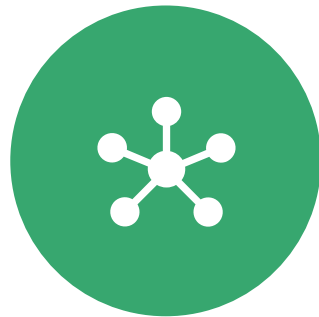
MWCOG – Recycling Committee Meeting
September 19, 2024
Claudia Fabiano, U.S. EPA



EPA's Role in Sustainable Management of Food



SCIENCE, DATA AND
RESEARCH



TECHNICAL ASSISTANCE
AND FACILITATING
NETWORKS



TOOLS AND GUIDANCE



FUNDING

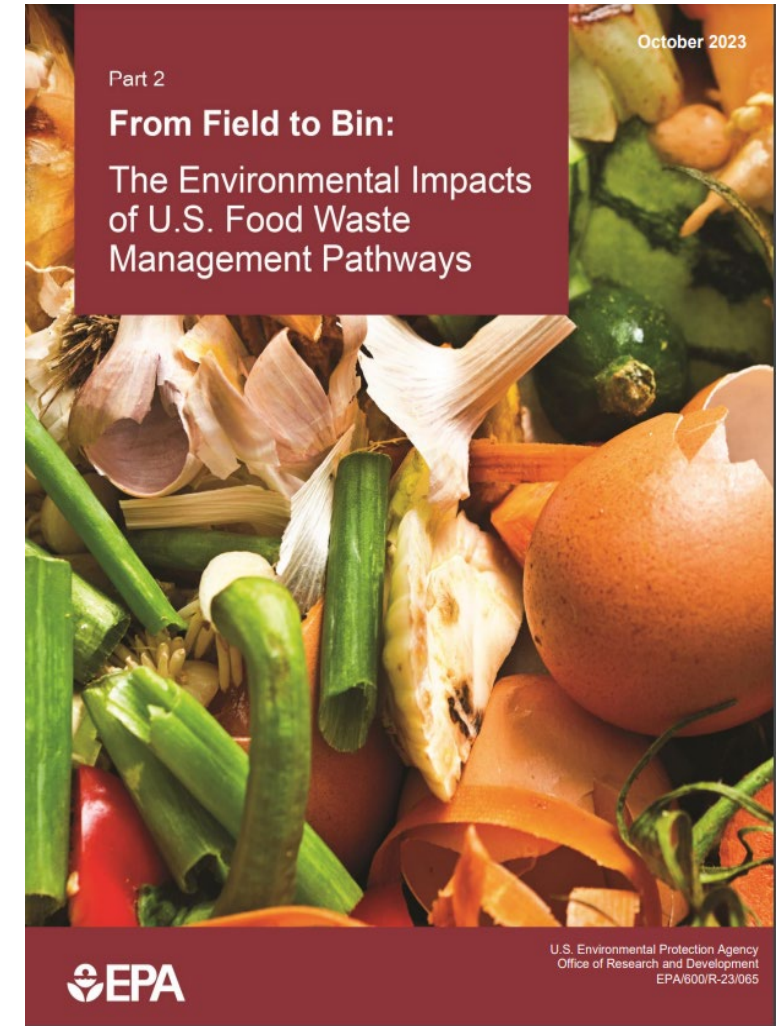
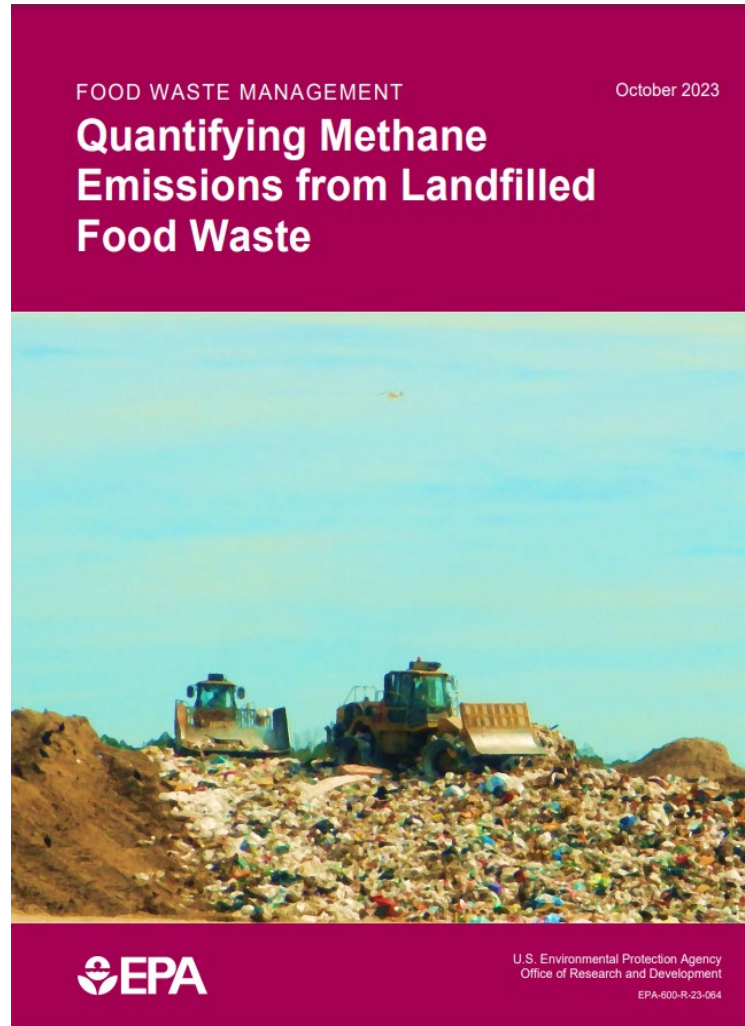
Food Waste & Climate Change



Wasting food in the U.S. causes greenhouse gas emissions equivalent to those of more than 50 million gas-powered passenger vehicles.

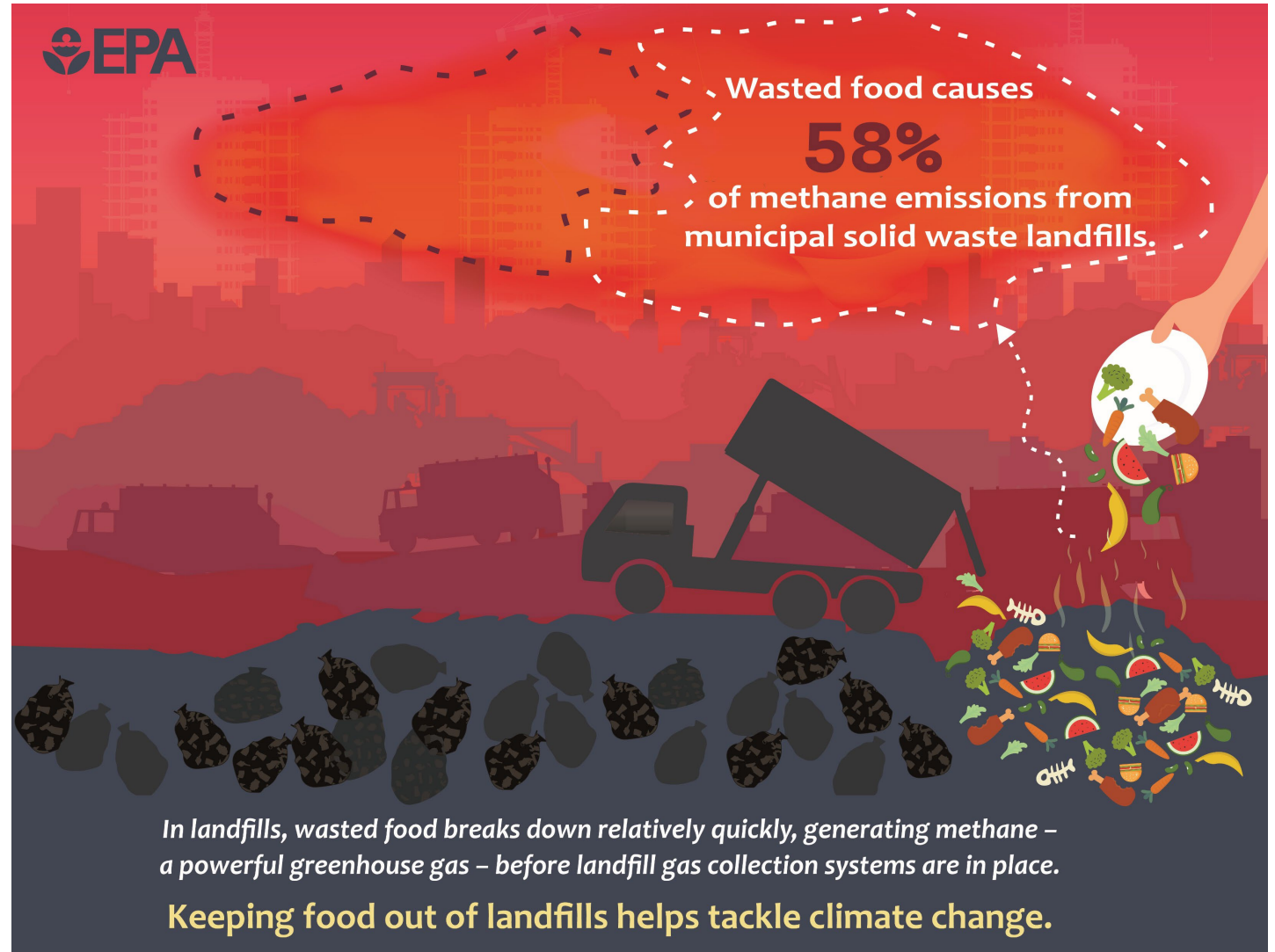


Recent EPA Research on Wasted Food



<https://www.epa.gov/land-research/food-waste-research>

Quantifying Landfill Methane Emissions from Landfilled Food Waste



<https://www.epa.gov/land-research/quantifying-methane-emissions-landfilled-food-waste>

Updating EPA's
Food Recovery
Hierarchy:
*From Field to
Bin: The
Environmental
Impacts of U.S.
Food Waste
Management
Pathways*

Report evaluates 11 common
wasted food pathways:

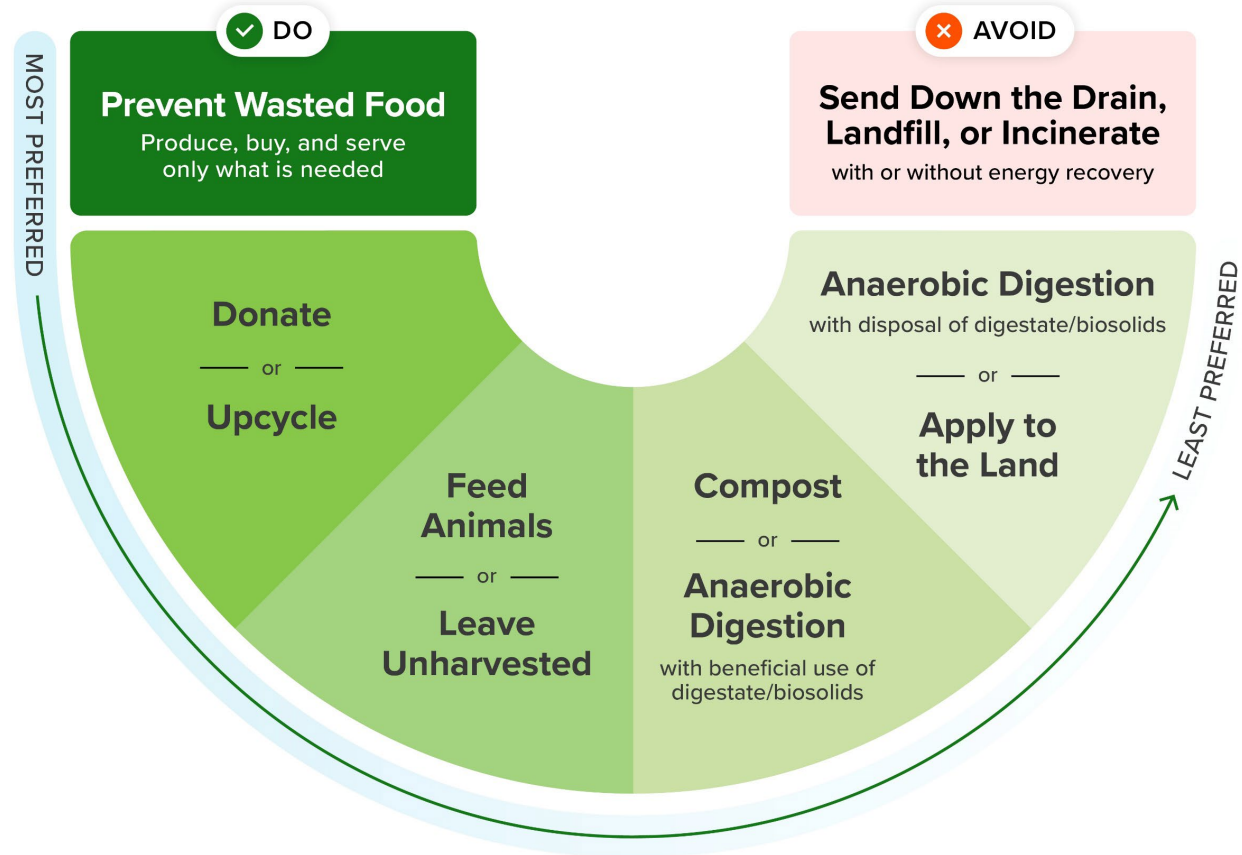
- Source Reduction
- Donation
- **Upcycling**
- Anaerobic Digestion
- Animal Feed
- Composting
- Controlled Combustion (Incineration)
- **Land Application**
- Landfill
- **Sewer/Wastewater Treatment
("Down the Drain")**
- **Unharvested/Plowed In**

<https://www.epa.gov/land-research/field-bin-environmental-impacts-us-food-waste-management-pathways>



Wasted Food Scale

How to reduce the environmental impacts of wasted food



October 2023

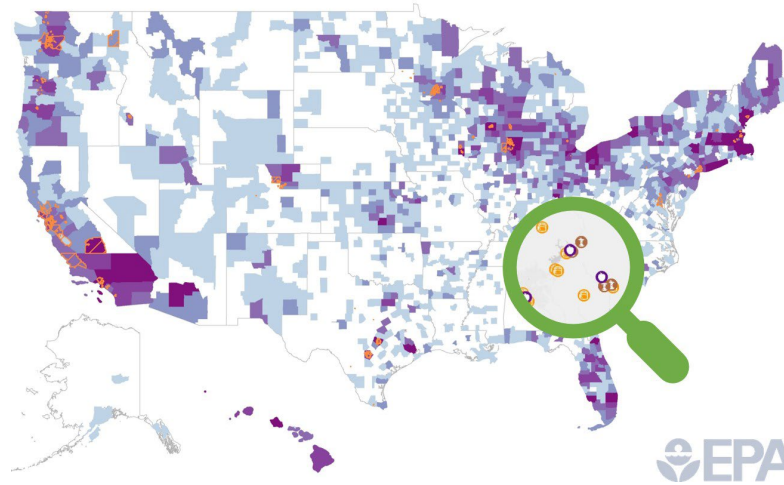
<https://www.epa.gov/sustainable-management-food/wasted-food-scale>





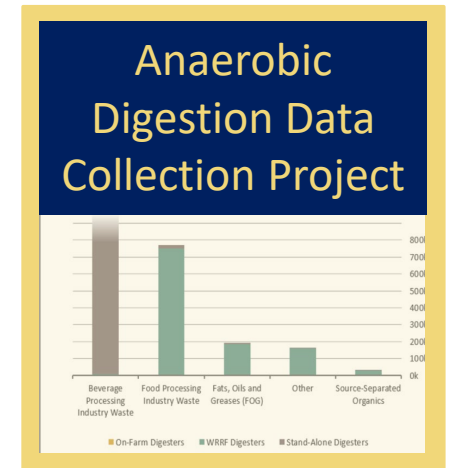
**Preventing Wasted Food
in Your Community:
A Social Marketing Toolkit**

April 2023 EPA 530-R-23-008



**Composting Food Scraps
in Your Community:
A Social Marketing Toolkit**

June 2023 EPA 530-R-23-009



NEW Funding for Infrastructure & Recycling (Including Food Waste)

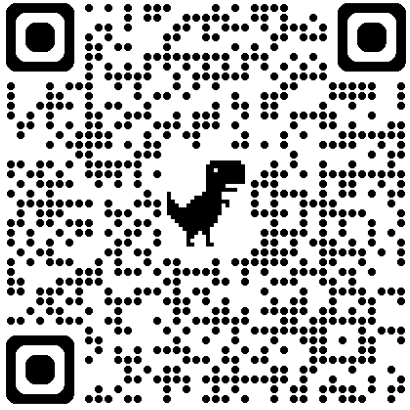


Solid Waste Infrastructure for
Recycling Grant Program

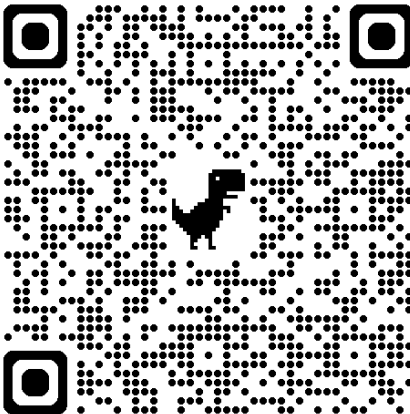


Recycling Education and
Outreach Grant Program

SWIFR- Overview



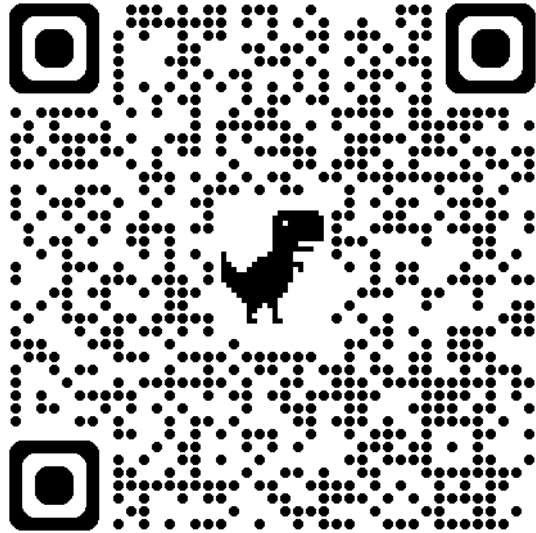
SWIFR for Communities



SWIFR for Tribes and Intertribal Consortia

- Projects will improve local post-consumer materials management and infrastructure
- **SWIFR for Communities** will provide a total of approximately \$58 million
 - \$500,000 to \$5 million per award
 - Applications are due by **December 20, 2024.**
 - *Note:* EPA also refers to this funding opportunity as “SWIFR for Political Subdivisions of States and Territories.”
- **SWIFR for Tribes and Intertribal Consortia** will provide a total of approximately \$20 million
 - \$100,000 to \$1.5 million per award
 - Applications are due by **March 14, 2025.**

REO - Three Projects

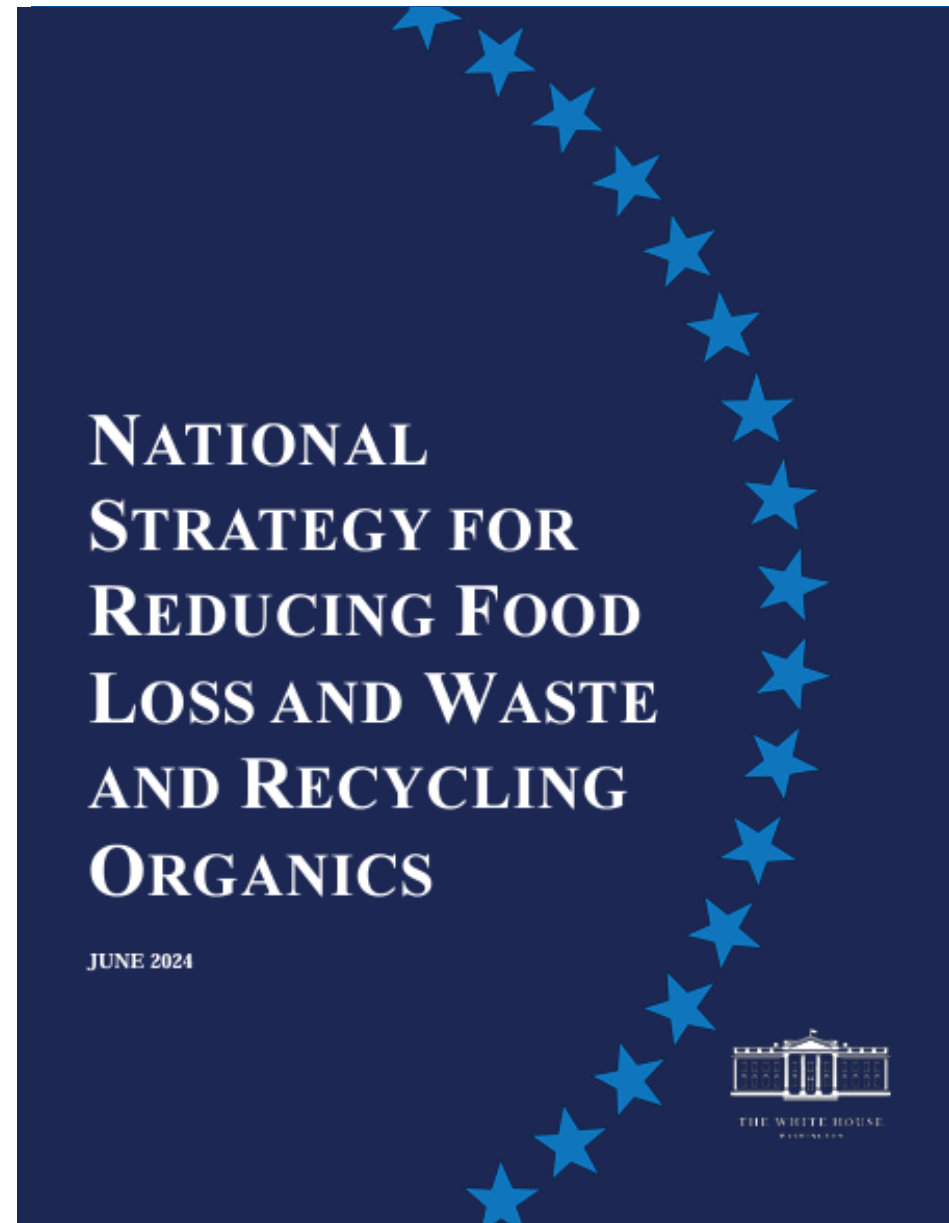


[REO webpage](#)

- Total estimated funding for REO Round 2 is approximately **\$39,094,000**.
- The project performance period will be 5 years.
- Applications are due December 20, 2024.
- All applications must be from coalitions.
- EPA anticipates awarding only one cooperative agreement that includes three projects:

1. Develop and Implement a National Consumer Wasted Food Reduction Campaign
2. Expand the Market and Sales of Compost
3. Increase Education and Outreach to Households on Composting

National Strategy



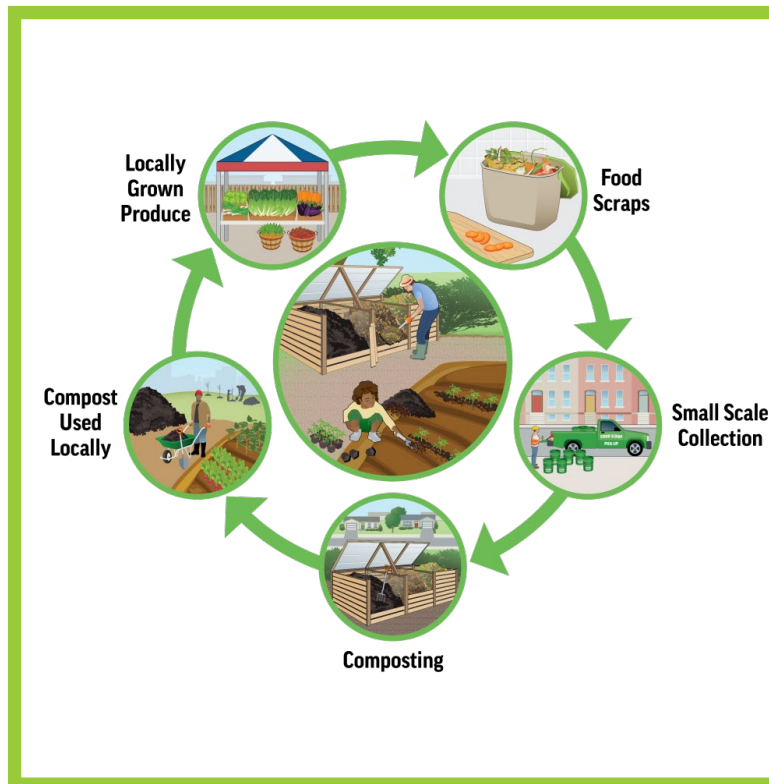
<https://www.epa.gov/circulareconomy/national-strategy-reducing-food-loss-and-waste-and-recycling-organics>



Strategy's Objectives:

1. **Prevent** the loss of food.
2. **Prevent** the waste of food.
3. **Increase** the recycling rate for all organic waste.
4. **Support** policies that incentivize and encourage food loss and waste prevention and organics recycling.

What's next from EPA?



2019 Wasted Food Report

Estimates of generation and management of wasted food in the United States in 2019

April 2023

A collage of four images: top-left shows various food scraps; top-right shows a pile of discarded cans; bottom-left shows a basket of produce with a '50% Discount' sign; bottom-right shows a pile of discarded produce.

EPA 530-R-23-005

United States Environmental Protection Agency

Links



- [EPA: Sustainable Management of Food](#)
- [Food Waste Research](#)
- [Wasted Food Scale](#)
- [EPA, USDA, FDA National Strategy](#)
- [Climate Action Plans](#)
- [Composting](#)
- [Funding Opportunities](#) + [National Grant Tracker](#)
- [Solid Waste Infrastructure for Recycling Grant Program](#)
- [Recycling Education and Outreach Grant Program](#)
- [Climate Pollution Reduction Grant Program](#)

THANK YOU!

SIGN UP FOR UPDATES:



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