



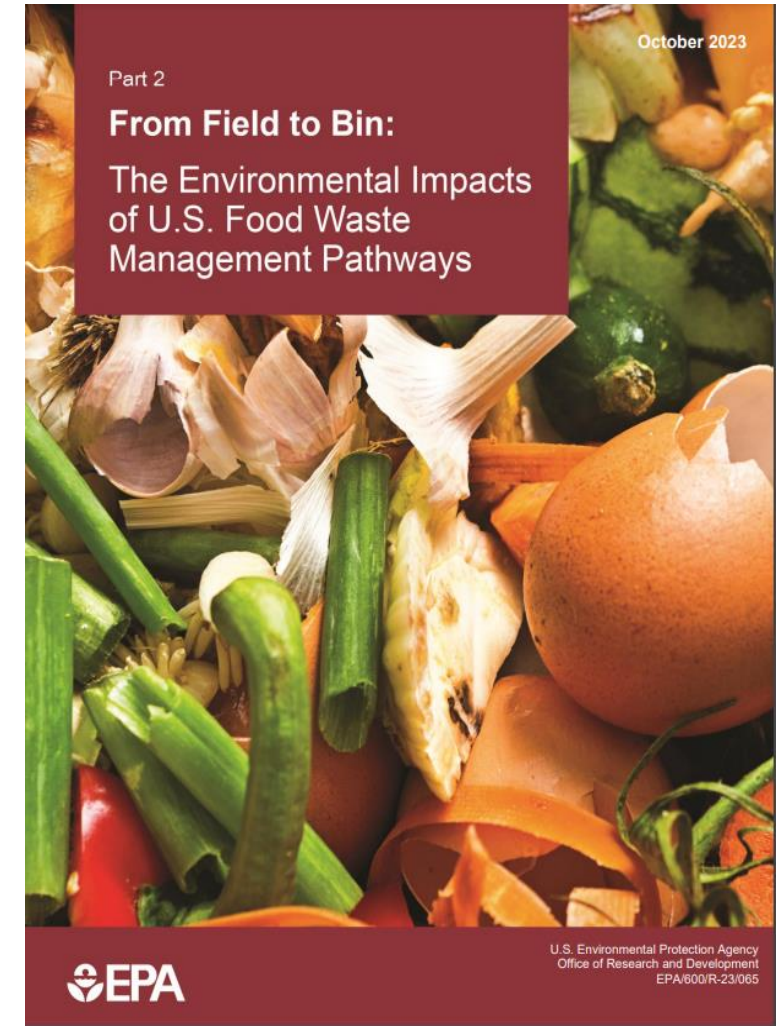
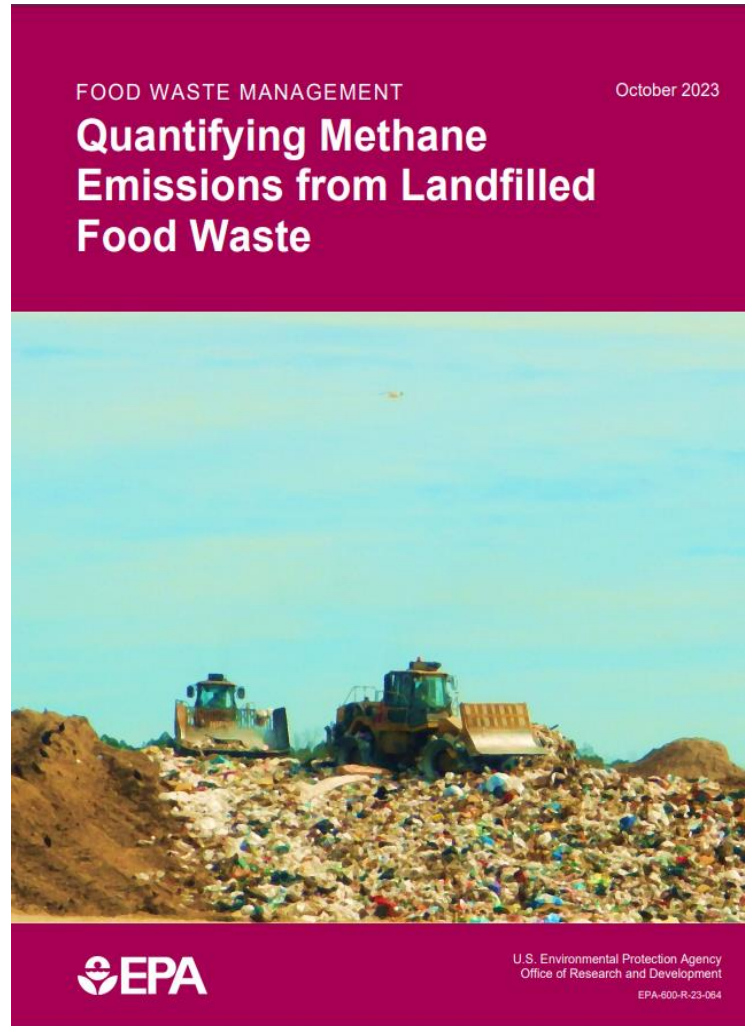
EPA's Efforts to Reduce Wasted Food

Food Summit
Claudia Fabiano, U.S. EPA
March 19, 2024

Food Waste & Climate Change

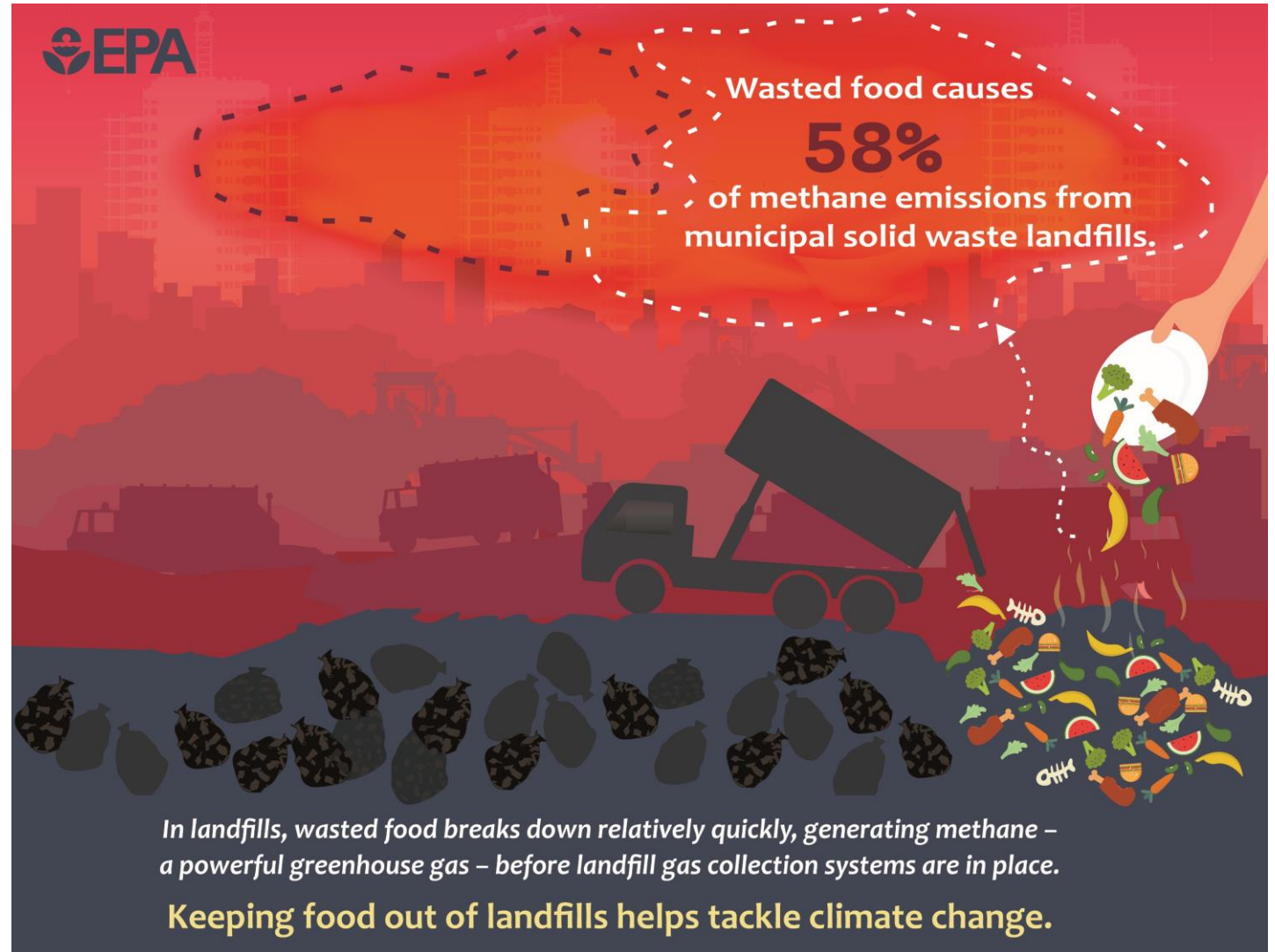


Recent EPA Research on Wasted Food



<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>

Landfill Methane Emissions from Food Waste

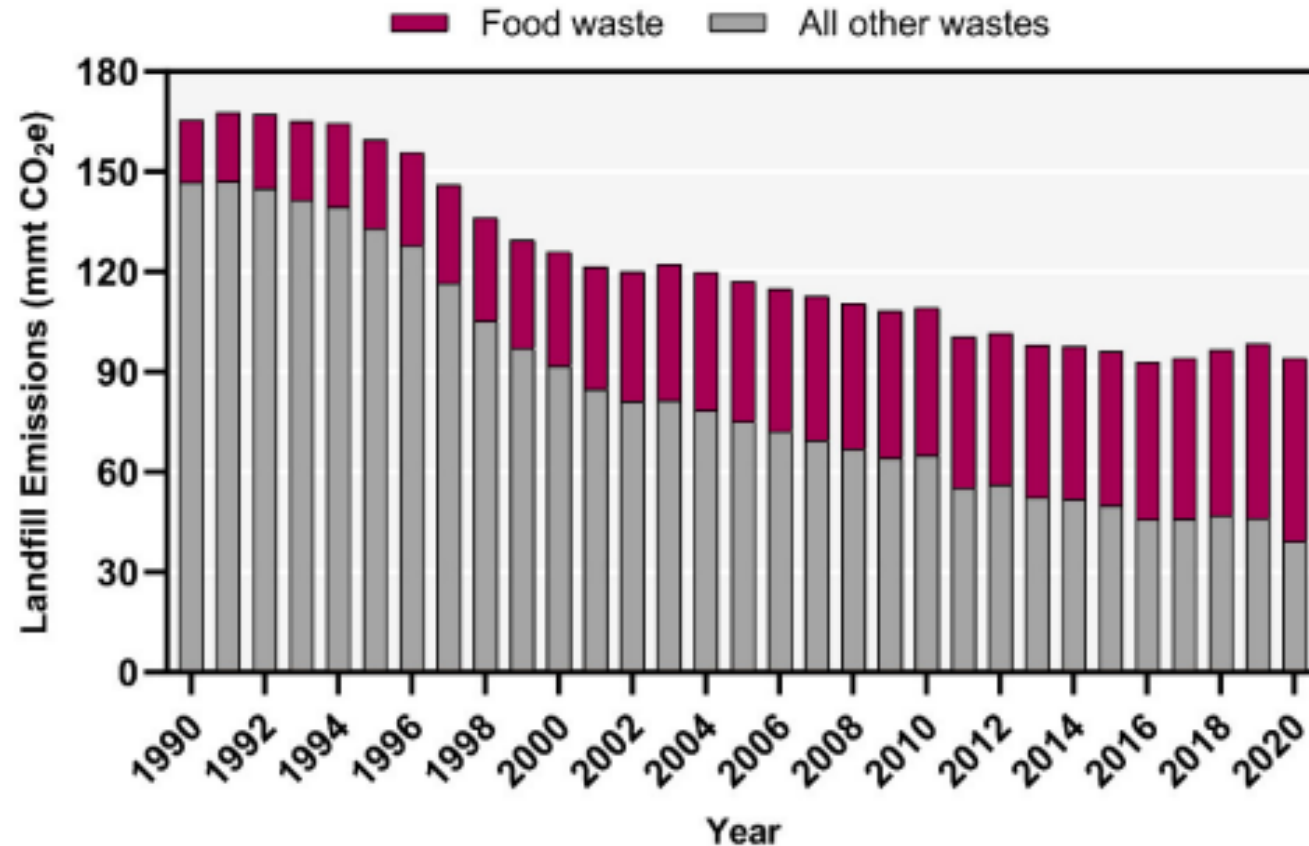


Figure 3. Contributions of food waste to methane emissions at MSW landfills.

While total methane emissions from MSW landfills are decreasing due to improvements in landfill gas collection systems, methane emissions from landfilled food waste are increasing.

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:

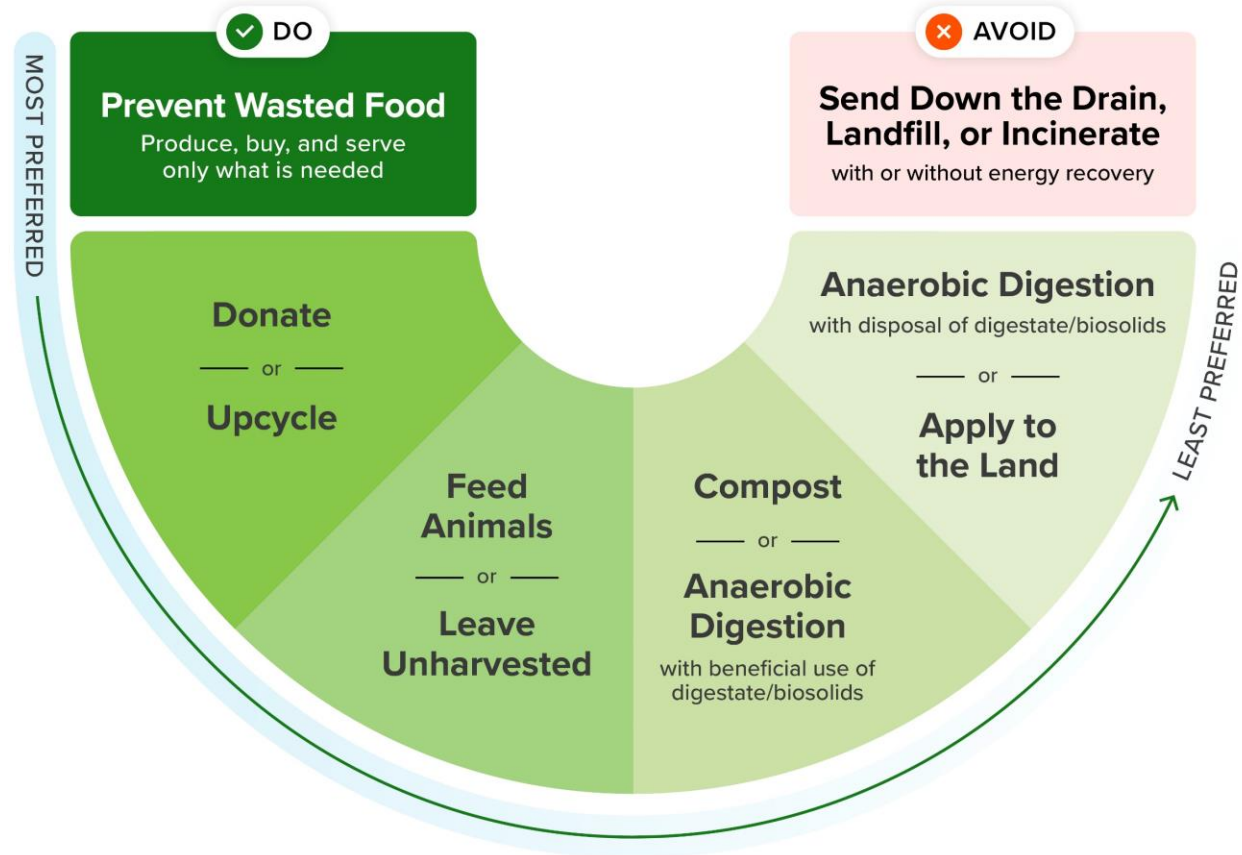
- Source Reduction
- Donation
- **Upcycling**
- Anaerobic Digestion
- Animal Feed
- Composting
- Controlled Combustion (Incineration)
- **Land Application**
- Landfill
- **Sewer/Wastewater Treatment
("Down the Drain")**
- **Unharvested/Plowed In**

<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>

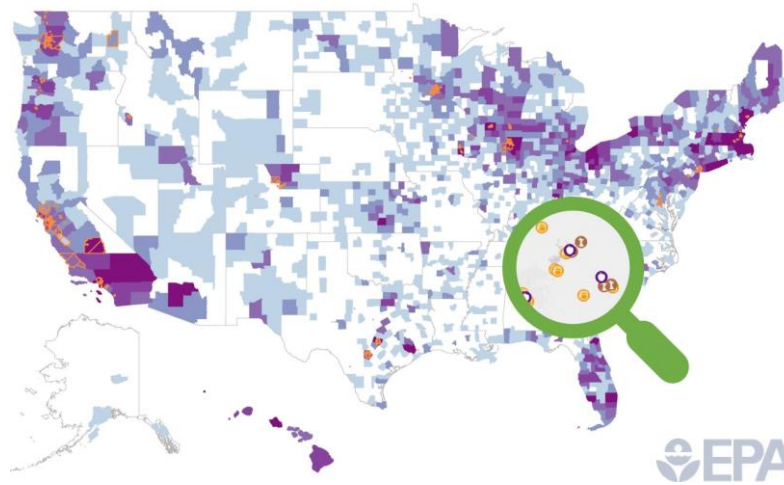




**Preventing Wasted Food
in Your Community:
A Social Marketing Toolkit**

April 2023

EPA 530-R-23-008



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

June 2023

EPA 530-R-23-009



EPA Funding for Infrastructure & Recycling



Solid Waste
Infrastructure for
Recycling Grant
Program



Recycling Education
and Outreach Grant
Program



Supporting
Anaerobic Digestion
in Communities
Funding Opportunity

Recycling Infrastructure Grants (SWIFR) and Recycling Education and Outreach Grants (REO)

- **First Round of Awards (almost \$200 million)**
 - **\$32+ million** awarded to all 50 states and 6 territories (SWIFR)
 - **\$73+ million** awarded to communities (SWIFR)
 - **\$60+ million** awarded to Tribes and Intertribal Consortia (SWIFR)
 - **\$33+ million** awarded in Recycling Education and Outreach grants (REO)
- **Of this, \$83 million in funding will support 69 projects that include activities related to organics recycling, composting, or anaerobic digestion.**



Federal Funding for Maryland Food Waste Efforts

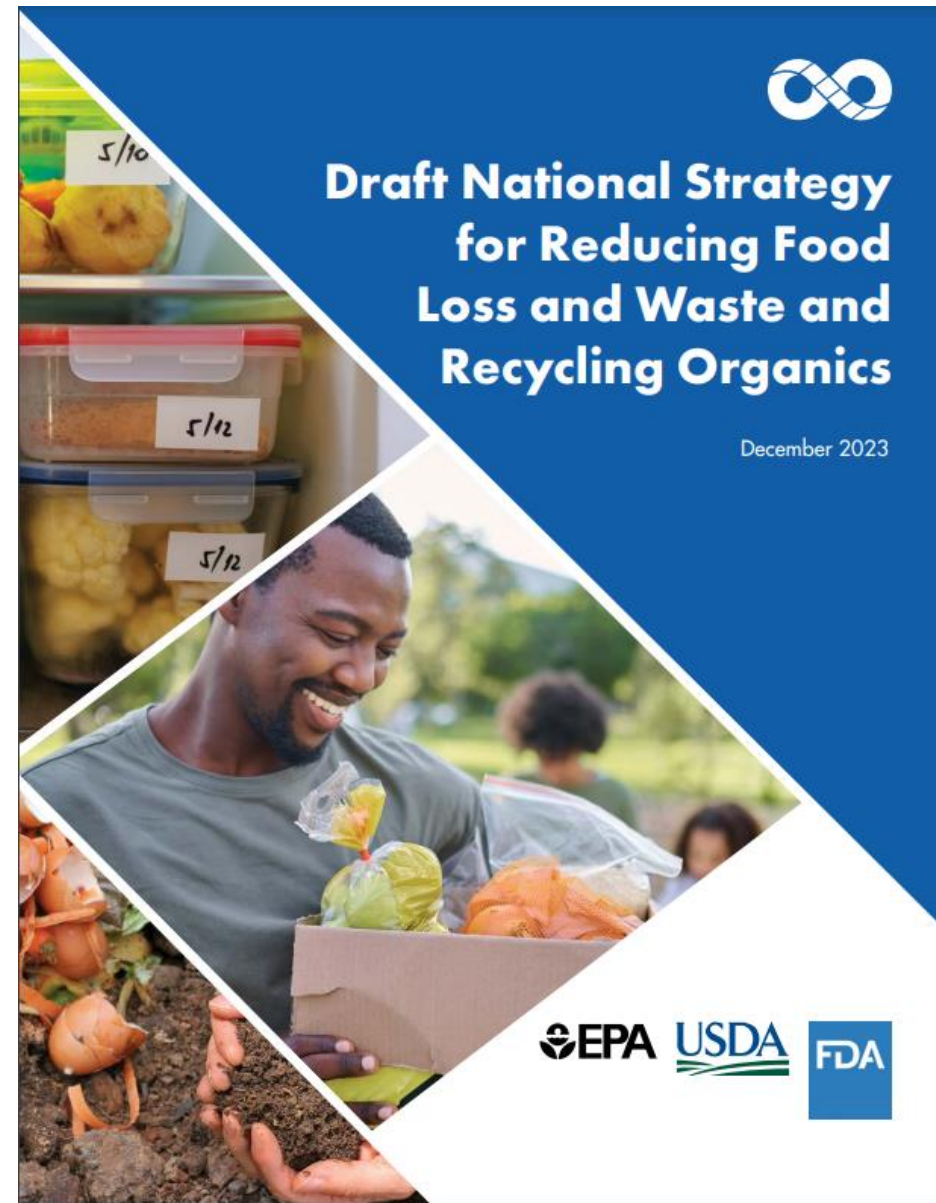
EPA Funding:

- SWIFR – Mayor & City Council of Baltimore for the Bowleys Lane Composting Facility (\$4M) (selected)
- SWIFR – State of MD for infrastructure assessment and training (\$551K)
- Region 3 grants for composting
 - ECO City Farms (2021) and ILSR (2022)

USDA Funding (Composting and Food Waste Reduction Coop. Agreements):

- 6 grants in 2022 to Baltimore, Frederick, Edmonston, Greenbelt and Montgomery and Prince George's Counties (\$1.1M total)

EPA, USDA, FDA Draft National Strategy for Reducing Food Loss and Waste and Recycling Organics



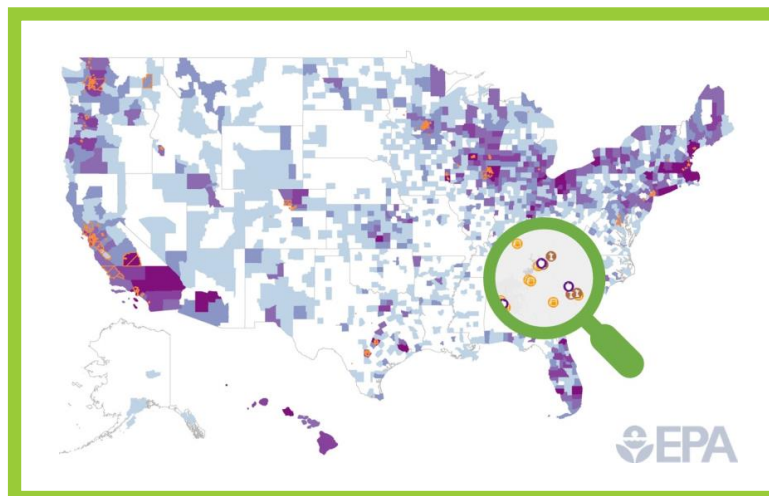
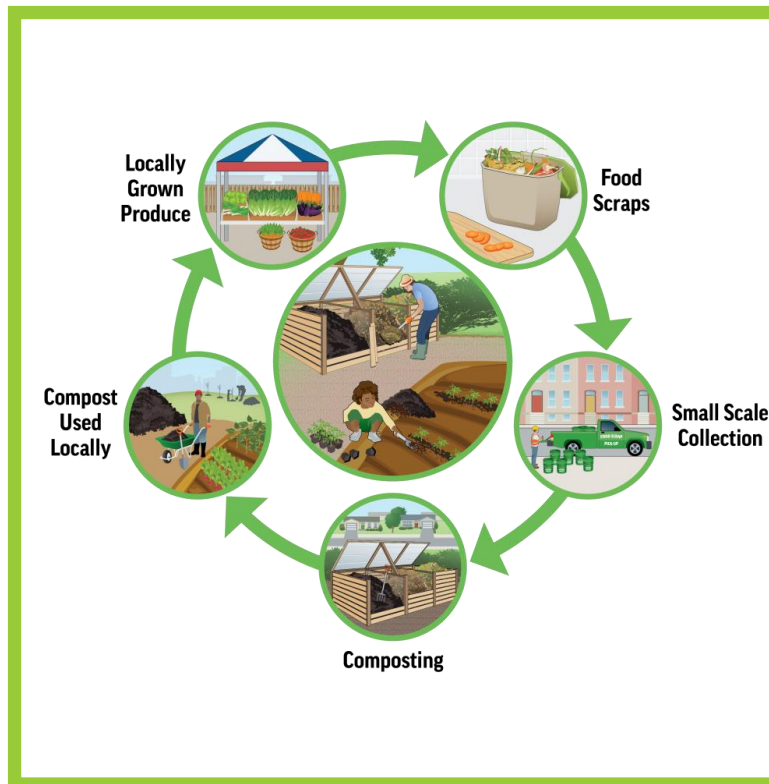
<https://www.epa.gov/circulareconomy/draft-national-strategy-reducing-food-loss-and-waste-and-recycling-organics>



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?



Draft National Strategy for Reducing Food Loss and Waste and Recycling Organics
December 2023

The cover features a photograph of a man smiling while holding a box of fresh produce. The background is a blue gradient with the EPA logo in the top right corner. At the bottom, the logos for EPA, USDA, and FDA are displayed.

Links



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

THANK YOU!

SIGN UP FOR UPDATES:



SMMFood@epa.gov

