

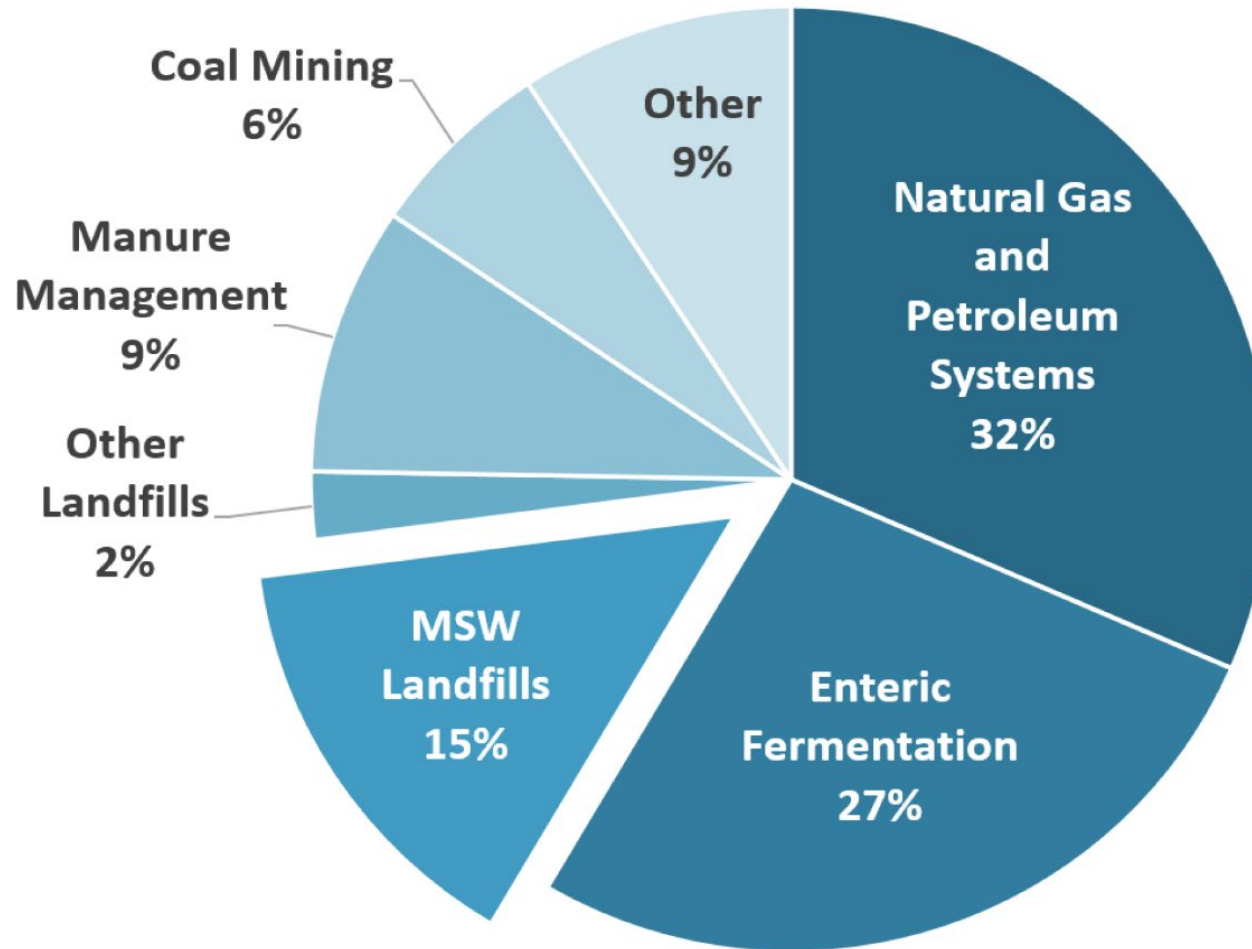


# 2022 Organics Management Law

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# Why Organics?

## 2020 U.S. Methane Emissions, By Source



Note: All emission estimates from the *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2020*. U.S. EPA. 2022.

# Methane is why!

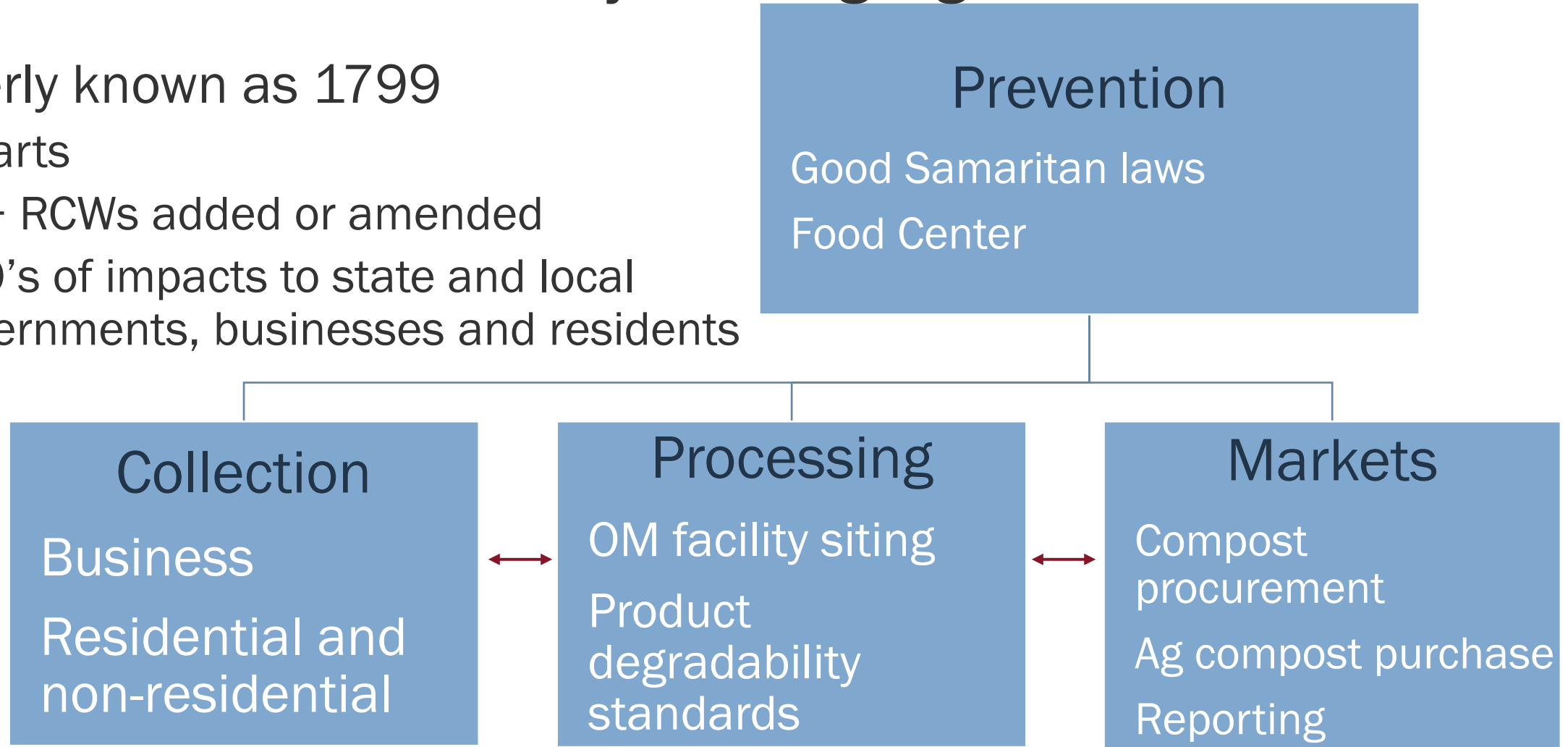
*Methane is potent greenhouse gas with a much higher Global Warming Potential (GWP) than CO<sub>2</sub>*

	Lifetime (years)	GWP <sub>20</sub> (over 20 years)	GWP <sub>100</sub> (over 100 years)
Carbon dioxide (CO <sub>2</sub> )	Varies (can be thousands)	1	1
<b>Methane (CH<sub>4</sub>)</b>	12.4	84	28
Nitrous oxide (N <sub>2</sub> O)	121.0	264	265
Tetrafluoromethane (CF <sub>4</sub> )	50,000.0	4880	6630

# Organics Management Law

## Reduce methane emissions by diverting organics from landfills

- Formerly known as 1799
  - 9 Parts
  - 20+ RCWs added or amended
  - 100's of impacts to state and local governments, businesses and residents



# Compost Procurement Ordinance (CPO)

- Timelines
  - January 1, 2023
    - Jurisdictions with greater than 25,000 population, and
    - Jurisdictions where curbside organics collection service is provided
  - December 31, 2024 and subsequent even years
    - Report to Ecology: 1. Total tons of organic diverted, 2. Volume of compost purchased, 3. Source of compost

# Compost Procurement Ordinance (CPO)

## Options

- Adopt a CPO
- Amend existing recycled product procurement ordinances to include compost purchase
- Counties can amend their Solid Waste Management Plan to include a CPO that covers all signatories to the Plan.
- Cities may sign on to a county CPO, through an interlocal agreement
- Two or more jurisdictions (cities or counties) can sign joint CPOs and report jointly.

# Organics collection for businesses

## Timeline

- July 1, 2023
  - Ecology must post which jurisdictions have organics collection available to businesses, and
  - Identify organic management facilities that have capacity to accept more volume.



EarthGen

# Organics collection for businesses

Businesses must arrange for organic collection

- Jan. 1, 2024
  - Generating at least **eight** cubic yards of organic material waste per week
- Jan. 1, 2025
  - Generating at least **four** cubic yards of organic material waste per week
- Jan. 1, 2026
  - Generating at least **four** cubic yards of **solid waste** per week

## Definitions

“Business” means a commercial or public entity including, but not limited to, a firm, partnership, proprietorship, joint stock company, corporation, or association that is organized as a for-profit or nonprofit entity. [Note: This definition includes public, nonprofit entities such as schools, churches, and hospitals]

“Business” does not include a multifamily residential entity.

# Organics collection for businesses

- Exemptions may apply if:
  - No haulers to collect organics
  - No capacity to process additional organics
    - Jurisdiction needs to send a note to Ecology explaining how exemptions apply
- Businesses:
  - Manage organic material on site
  - Self-haul to an organic management facility
  - Other...

# Finance study

July 1, 2023

- Ecology work with WACSWM, AWC, WRRRA, and other stakeholders to:
  - Assess how policy and legislation impacted local government funding issues
  - Recommend how to support solid waste collection and recycling if policies/legislation reduce funding



# Food Center

January 1, 2024: Washington Center for Sustainable Food Management established to meet Use Food Well Washington Goals and recommendations

**Goal 1:** Reduce food waste generated by 50 percent by 2030

**Goal 2:** Reduce at least half of edible food waste by 2030

Read the UFWW Plan and more on our [webpage](#)  
Stay connected by subscribing to the UFWW [email list](#)



# Organics Management Facility Siting

Expand infrastructure capacity and/or volumetric capacity:

- July 2024, new or updated Comprehensive Solid Waste Management Plans must include identification of possible locations for organic materials management facilities.
- January 2025, new or updated Comprehensive Plans must include identification of possible locations for organic materials management facilities.



Vander Haak Dairy Digester/Craig Freer

# Product degradability labeling

January 1, 2024

- ALL compostable food service products, including film, must meet specific labeling, and compostability standards
- Ecology, cities, and counties to enforce and issue and collect civil penalties
- Enforcement is complaint based using Ecology's complain forum
- Ecology will work with jurisdictions to educate retailers, consumers and producers about updates to the law.



# Residential/non-residential collection

- January 1, 2027
  - Jurisdictions meeting specific criteria must provide every-other-week organic materials collection to those that generate  $>.25$  cy organic material per week
  - Ecology will work with stakeholders to develop waivers to exempt jurisdictions from criteria, such as:
    - Dispose  $<5,000$  tons solid waste
    - $<25,000$  population
    - Economic feasibility (distance to processing facility with capacity)
    - Other

# Rules: To write or not to write

- [RCW 70A.205.540](#) Organic solid waste collection services – Fees – Exceptions.
  - Waivers
- [RCW 70A.205.540](#) Organic solid waste collection services – Fees – Exceptions.
  - If goals are not achieved
- [Chapter 70A.207 RCW](#) WA Center for Sustainable Food Management
  - Necessary to implement chapter
- [Chapter 70A.455 RCW](#) Plastic Product Degradability RCW 70A.455.120 (1)
  - Necessary to implement chapter

# Contact Information

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## To find out more...

- Visit our resources for local governments on compost procurement, facility siting and more.  
<https://app.box.com/s/r6jdrswnwbchouo9kme3qa4gd2uawhf>.
- Subscribe to our Organics Management email news at  
<https://public.govdelivery.com/accounts/WAECY>.  
Set up your account, choose Solid Waste Management, and then Organics Management.