SB 1383

Feeding Californians
Fighting Climate Change

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CalRecycle

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SB 1383 Fights Climate Change

Landfilled Organics Emit

Methane Gas

A Climate Super Pollutant
84 Times More Powerful
than Carbon Dioxide

Methane Gas Contributes to Climate Change in California

CALIFORNIA
is already experiencing
the impacts of
CLIMATE CHANGE

- Historic Drought
- Record Wildfires
- Extreme Heat

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SB 1383 Requirements

2020	**50% Reduction in Landfilled Organic Waste** (11.5 Million Tons Allowed Organic Waste Disposal)
2022	**Regulations Take Effect**
2025	**75% Reduction in Landfilled Organic Waste** (5.7 Million Tons Allowed Organic Waste Disposal)
2025	**20% Recovery of Currently Disposed Edible Food for Human Consumption**

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SB 1383 Local Program Requirements

1. Collect organic waste
2. Procure recycled organic products like compost and biofuel
3. Plan local capacity for new programs
4. Keep records
5. Enforce local requirements
6. Establish local food recovery programs

Biomass Conversion 2022 Annual Report

Biomass turns wood waste and nut shells into electricity

SB 498 Annual Reports

- Amounts
- Types
- Sources

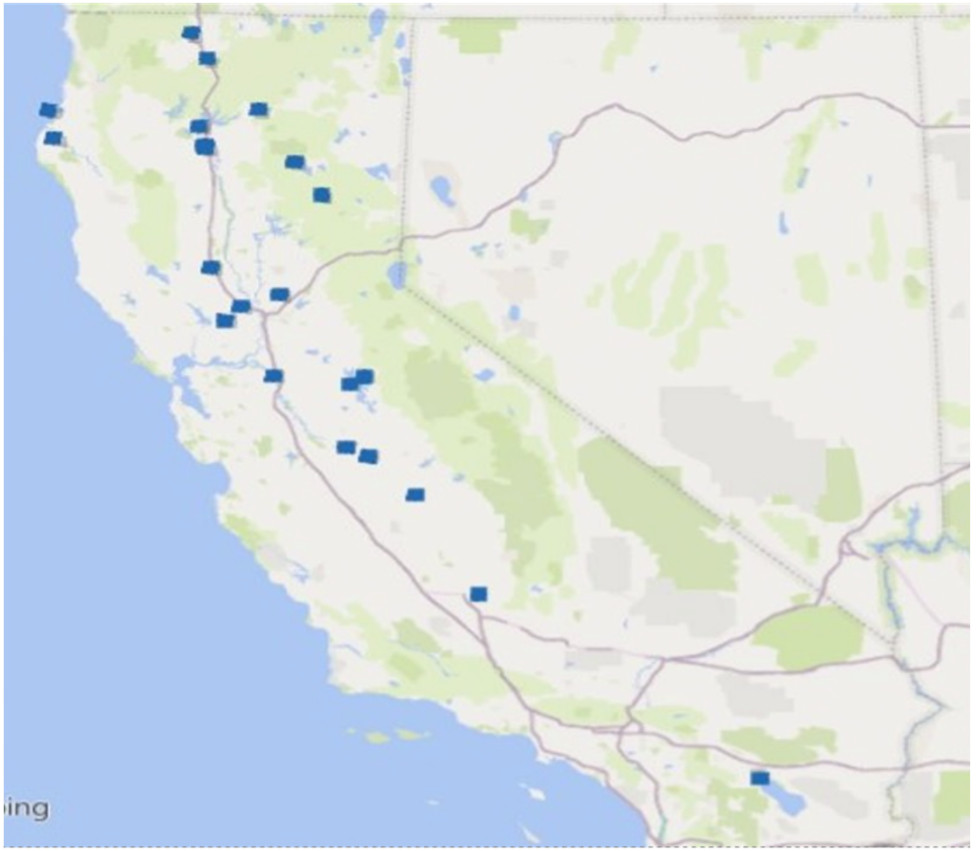
Biomass Conversion Facilities

2022: 24 active facilities

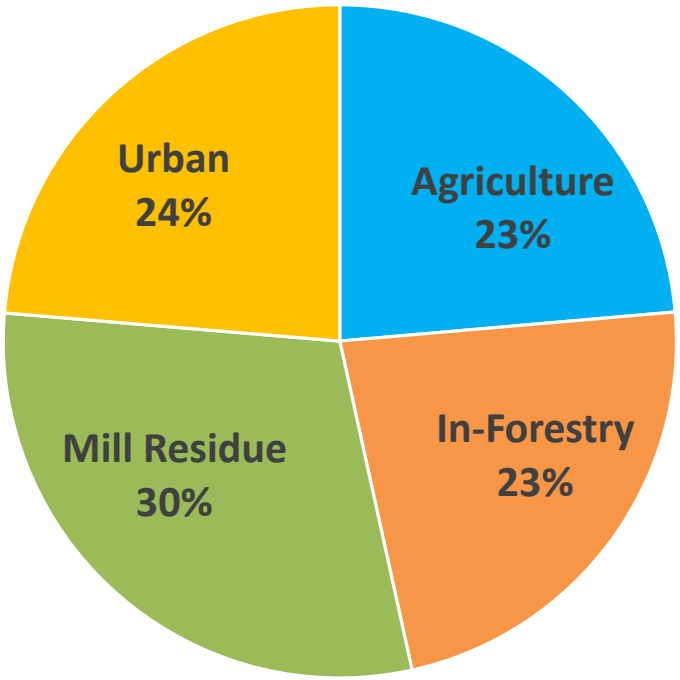
1980s: 50+

Declines partially attributed to:

- Cheaper sources of energy
- Landfilling alternative
- Subsidy fluctuations
- https://www2.calrecycle.ca.gov/Docs/Web/123693



Sources for Materials 2022



Materials Source	Tons Accepted
Agriculture	893,336
In-Forestry	867,521
Mill Residue	1,126,110
Urban	895,114
Total	3,782,081

Benefits to Agriculture Applying Compost/Mulch

- Conserves water
- Improves plant growth and health
- Provides plant nutrients in a stable organic form
- Increases plant rooting depth
- Improves physical, biological, and chemical soil properties
- Reduces erosion
- Mulch reduces weed germination and moderates soil temperature



Better food. Thriving farms. Restored climate.

- Grants from Zero Food Print to help agricultural use compost: https://Zerofoodprint.org/apply

  - Carbon farming (also called regenerative farming) restores soil biology, which naturally pulls tons of carbon (literally) out of the atmosphere, brings soil back to life, and replenishes nutrients.

  - Zero Food Print restaurants and other food businesses add a few cents per meal to help farmers implement carbon farming projects through grants from their Restore programs.
    - “I don’t know how to tell you how grateful we are! What you’re doing with Zero Foodprint grants and Compost Connector is my dream come true. I really wanted to [incorporate more regenerative practices] but couldn’t afford it.” (Ofelia)

- Eligible agricultural management practices that:
  - **Sequester carbon,**
  - **Reduce atmospheric GHGs, and**
  - **Improve soil health**
- Funding through the Healthy Soils Incentives Program, Healthy Soils Block Grant Program and Healthy Soils Demonstration Program available to fund:
  - **Compost application on cropland, vineyards, orchards, and rangeland**

CDFA - OEFI - Healthy Soils Program (ca.gov)

Thank you!

Resources:

SB 1383 Home Page:
https://www.calrecycle.ca.gov/organics/slcp

To stay up to date, sign up for CalRecycle's "Short-Lived Climate Pollutants (SLCP)" listserv:
https://www2.calrecycle.ca.gov/Listservs/

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