

# **SB 1383 – Short-Lived Climate Pollutants: Organic Waste Methane Emissions Reductions**

El Dorado County Board of Supervisors

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Presented on behalf of Environmental Management by:

Joe Rasmussen, Ed.D.

Supervising Environmental Scientist

Local Assistance & Market Development

**Start Planning  
Now:**

**An Overview of  
SB 1383's  
Organic Waste  
Reduction  
Requirements**



# SB 1383

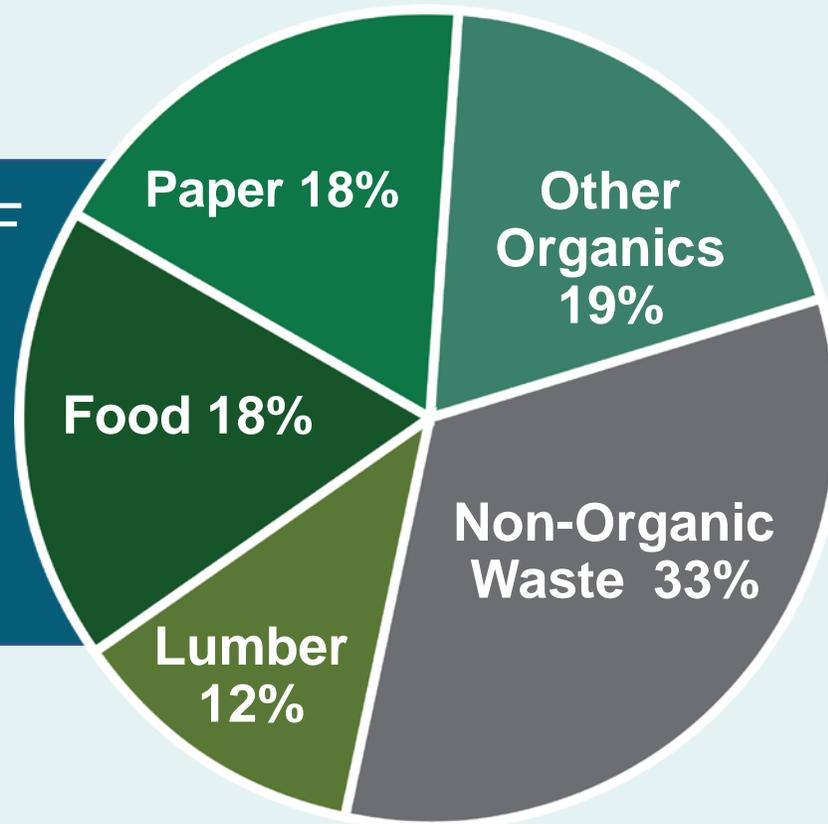
## Reducing Short-Lived Climate Pollutants in California

An Overview of SB 1383's  
Organic Waste Reduction  
Requirements



# Organic Waste Is the Largest Waste Stream in California

CALIFORNIA DISPOSED OF APPROXIMATELY **27 MILLION TONS** OF ORGANIC WASTE IN 2017



California's Waste Stream

IN CALIFORNIA, MILLIONS ARE  
**FOOD INSECURE**

1 IN 8 CALIFORNIANS  
1 IN 5 CHILDREN



CALIFORNIA THROWS AWAY  
**MORE THAN 6 MILLION TONS**  
OF FOOD WASTE EVERY YEAR!

# CLIMATE CHANGE NEGATIVELY IMPACTS CALIFORNIA

Landfilled Organic Waste Emits  
**Methane Gas—**  
**A Super Pollutant**  
More Powerful than CO<sub>2</sub>

Methane Gas Contributes to  
Climate Change in California



**CALIFORNIA**  
is already experiencing  
the impacts of  
**CLIMATE CHANGE**

IN 2015 THE DROUGHT COST THE AGRICULTURE INDUSTRY IN THE CENTRAL VALLEY AN ESTIMATED \$2.7 BILLION & 20,000 JOBS

# SB 1383 Requirements

**2020**

**50 PERCENT REDUCTION IN LANDFILLED ORGANIC WASTE**  
(11.5 Million Tons Allowed Organic Waste Disposal)

**2022**

**REGULATIONS TAKE EFFECT**

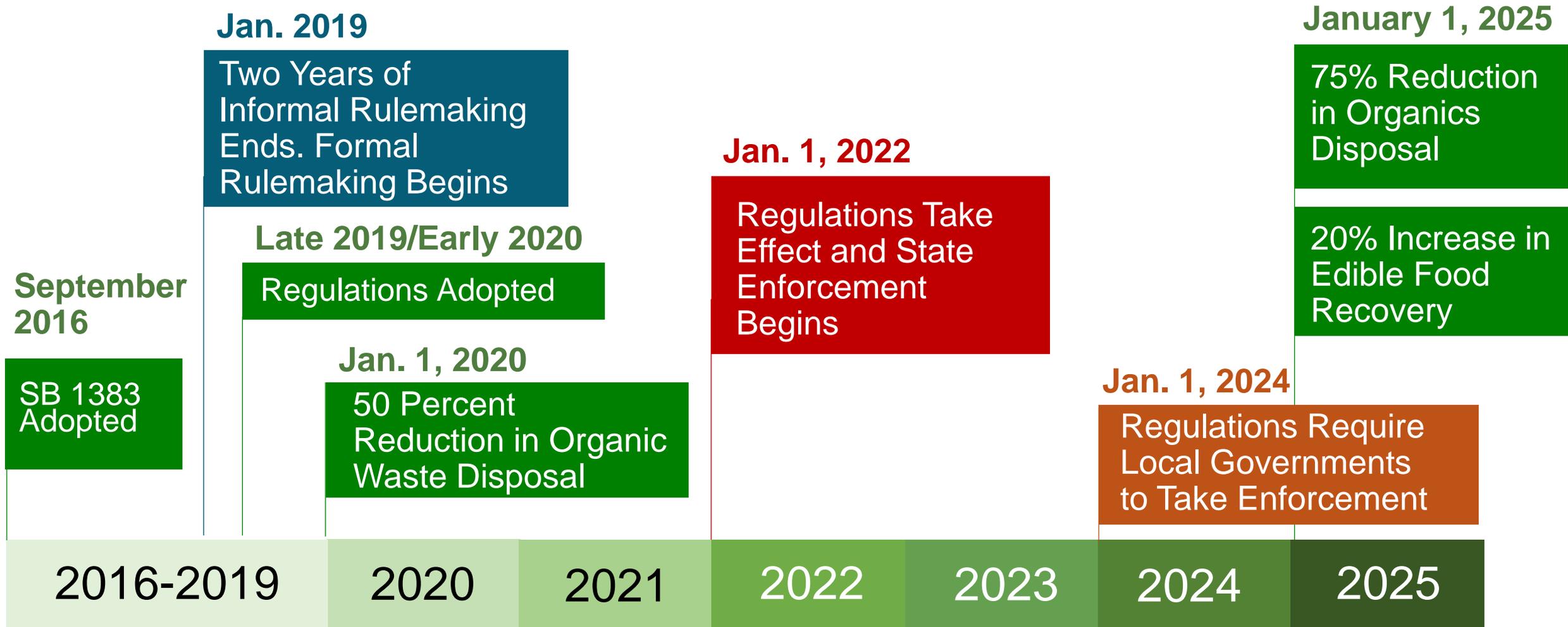
**2025**

**75 PERCENT REDUCTION IN LANDFILLED ORGANIC WASTE**  
(5.7 Million Tons Allowed Organic Waste Disposal)

**2025**

**20 PERCENT INCREASE IN RECOVERY OF CURRENTLY  
DISPOSED EDIBLE FOOD**

# SB 1383 Key Implementation Dates



# SB 1383 Key Jurisdiction Dates

## 2022



Provide Organics Collection Service to All Residents and Businesses



Establish Edible Food Recovery Program



Conduct Education and Outreach



Procurement



Capacity Planning

## 2024



Starting January 1, 2024 Jurisdictions must take action against non compliant entities

# Jurisdiction Responsibilities

**Provide Organics  
Collection Services to All  
Residents and Businesses**



**Conduct Education and  
Outreach to Community**



**Secure Access to  
Recycling and Edible  
Food Recovery Capacity**



**Establish Edible Food  
Recovery Program**



**Procure Recyclable and  
Recovered Organic  
Products**



**Monitor Compliance  
and Conduct  
Enforcement**



# SB 1383 IN ACTION

## LOCAL GOVERNMENT ROLES AND RESPONSIBILITIES

SB 1383 doesn't just apply to waste management and recycling departments.

Every local department plays a role in SB 1383 implementation.



# SB 1383 IN ACTION

## JURISDICTION REQUIREMENTS



**Provide organics collection service to all residents and businesses**

# Organic Waste Collection Services



## Three-Container “source separated” Collection Service

- Organics prohibited from black container
- All organic waste segregated for collection and recycling



## Two-Container Collection Service

- One container for collection of segregated organic waste
- One container for collection of mixed waste (subject to 75% organic content recovery standard)



## One-Container Collection Service

- One container for collection of mixed waste (subject to 75% organic content recovery standard)

- Minimum contamination monitoring and reduction requirements
- Collection waivers authorized for certain documented circumstances

# SB 1383 IN ACTION

## EDIBLE FOOD RECOVERY PROGRAM



**Establish Edible Food Recovery Program**

## JURISDICTION REQUIREMENTS

**Identify Existing Food Recovery Capacity**



**Expand Existing Food Recovery Capacity (if needed)**

**Monitor Commercial Edible Food Generators for Compliance**

**Ensure Commercial Edible Food Generators Have Access to Food Recovery Services**

# SB 1383 IN ACTION

## EDUCATION REQUIREMENTS



**Conduct Education and Outreach to Community**

## JURISDICTION REQUIREMENTS

Annually educate all organic waste generators, commercial edible food generators, and self-haulers about relevant requirements

Jurisdictions must provide print or electronic communication.



Jurisdictions May Supplement with Direct Communication.



**Appropriate educational material must be provided to linguistically isolated households**

# SB 1383 IN ACTION

## PROCUREMENT REQUIREMENTS



**Procure Recycled and Recovered Organic Products**

## JURISDICTION REQUIREMENTS

### COMPOST, RNG & ELECTRICITY

- Minimum Procurement

### PAPER PROCUREMENT REQUIREMENTS

- Recycled Content
- Recyclability



# Construction & Landscaping Requirements



Recycling organic waste commingled with C&D debris, to meet CalGreen 65% requirement for C&D recycling in both residential and non-residential projects

Model Water Efficient Landscape Ordinance (MWELO) requirements for compost and mulch application.



# ORGANIC WASTE RECYCLING INFRASTRUCTURE



SB 1383 Requires 50-100  
New or Expanded  
Organic Waste Recycling Facilities

# SB 1383 IN ACTION

## INFRASTRUCTURE REQUIREMENTS



**Evaluating Current Infrastructure and Planning New Compost and AD Facilities and Edible Food Recovery**



# SB 1383 IN ACTION

## INSPECTION AND ENFORCEMENT REQUIREMENTS



**Monitor Compliance and Conduct Enforcement**

# JURISDICTION REQUIREMENTS

## Ordinance

2022



Adopt an Ordinance  
(Enforceable Mechanism)  
Including Enforcement

## Compliance Monitoring & Education

2022-2024



Annual Compliance Reviews, Route Reviews, Inspections

Educate Violators

## Compliance Monitoring & Enforcement

2024



Annual Compliance Reviews  
Route Reviews, Inspections,  
Notice of Violations,  
Penalties for Violators

# JURISDICTION ENFORCEMENT REQUIREMENTS



## Must Have Enforcement and Inspection Program that Includes:

- **Annual Compliance Review**
  - Commercial Businesses that Generate  $\geq 2$  Cubic Yards/week
  - Verify Businesses are:
    - Subscribed to Service or Self-hauling
- **2 or 3 Container Collection Service: Route Reviews of Commercial/Residential Areas to Verify Service and Inspect for Contamination**
- **Single Unsegregated Collection Service: Verify Businesses are subscribed to a service that is Transporting Contents to a High Diversion Organic Waste Processing Facility**

**Requirements Harmonize with AB 1826 and Don't Establish a Minimum Quantity of Physical Inspections**

# JURISDICTION ENFORCEMENT REQUIREMENTS ON COMMERCIAL FOOD GENERATORS



## Must Have Enforcement and Inspection Program that Includes:

- Inspections to verify:
  - Edible food Recovery arrangements
- Tier 1 Commercial Edible Food Generators by 2022
- Tier 2 Commercial Edible Food Generators by 2024

Commercial Edible Food Generator Inspections Can Be Combined with Existing Mandatory Inspections

# SB 1383 IN ACTION

## JURISDICTION REQUIREMENTS



**Maintain Records and Report to CalRecycle**

### Recordkeeping Requirements:



Organic Collection Services



Hauler Program



Contamination Minimization



Waivers



Education & Outreach



Edible Food Recovery Program



Recycled Organic Waste Procurement



Recycled Paper Procurement



Commercial Edible Food Generators



Jurisdiction Inspection & Enforcement



# STATE ENFORCEMENT



## CALRECYCLE OVERSIGHT (BEGINS IN 2022)



### Authorize Waivers

- Low Population
- Rural Areas

### Emergency Circumstances

### Oversee and Monitor

- State Agencies and Facilities
- Local Education Agencies



### Oversee and Monitor for Compliance

### Jurisdiction Review

- Conduct joint inspections with jurisdictions
- Review Implementation Record



### If Violations

- Issue Notices of Violation
- May Authorize Corrective Action Plan
- Allows up to 24 months to address barriers outside of a jurisdiction's control



**CalRecycle**

**STAY  
ENGAGED**



<https://www2.calrecycle.ca.gov/Listservs/Subscribe/152>



<https://www.calrecycle.ca.gov/organics/slcp>



**Joe Rasmussen, Ed.D.**  
Supervising Environmental Scientist  
Local Assistance & Market Development  
CalRecycle  
(916) 341-6214  
[joseph.rasmussen@calrecycle.ca.gov](mailto:joseph.rasmussen@calrecycle.ca.gov)

# Questions/Comments?



Thank you:

**Joe Rasmussen, Ed.D., Supervising Environmental Scientist, CalRecycle**

**Greg Stanton, REHS, Director, Environmental Management Department**

# Estimated Residential Food Waste Collection Areas in El Dorado County

