



SB 1383

Short-Lived Climate Pollutants (SLCP):
Organic Waste Methane Emissions
Reductions

6 MILLION
CALIFORNIANS
are **FOOD
INSECURE**



METHANE - 20x
stronger
greenhouse gas
than CO₂



What does SB 1383 Require?

Waste Sector Targets

HSC 39730.6(a)

- *50% reduction* in the level of the statewide disposal of organic waste from the *2014 level by 2020*.
- *75% reduction* in the level of the statewide disposal of organic waste from the *2014 level by 2025*.

SEC. 3. Section 39730.6 is added to the Health and Safety Code, to read:
39730.6. (a) Consistent with Section 39730.5, methane emissions reduction goals shall include the following targets to reduce the landfill disposal of organics:

- (1) A 50-percent reduction in the level of the statewide disposal of organic waste from the 2014 level by 2020.
- (2) A 75-percent reduction in the level of the statewide disposal of organic waste from the 2014 level by 2025.

PRC 42652.5(a)(2)

- *20 percent improvement in edible food recovery by 2025*.

(2) Shall include requirements intended to meet the goal that not less than 20 percent of edible food that is currently disposed of is recovered for human consumption by 2025.

What Is Organic Waste?

Green materials



Wood waste

Food materials



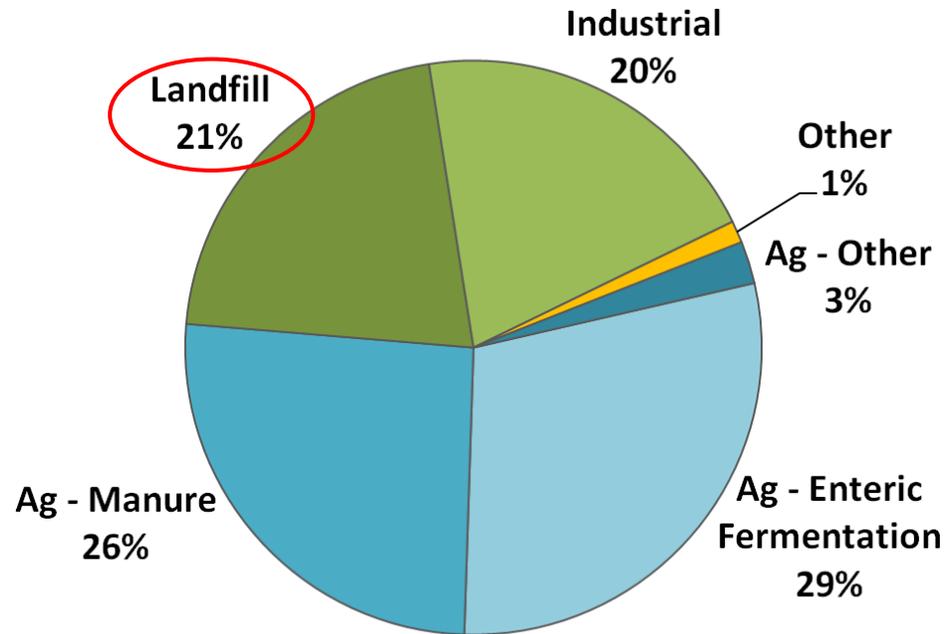
Fiber (Paper and Cardboard)



Biosolids



Why Organic Waste?



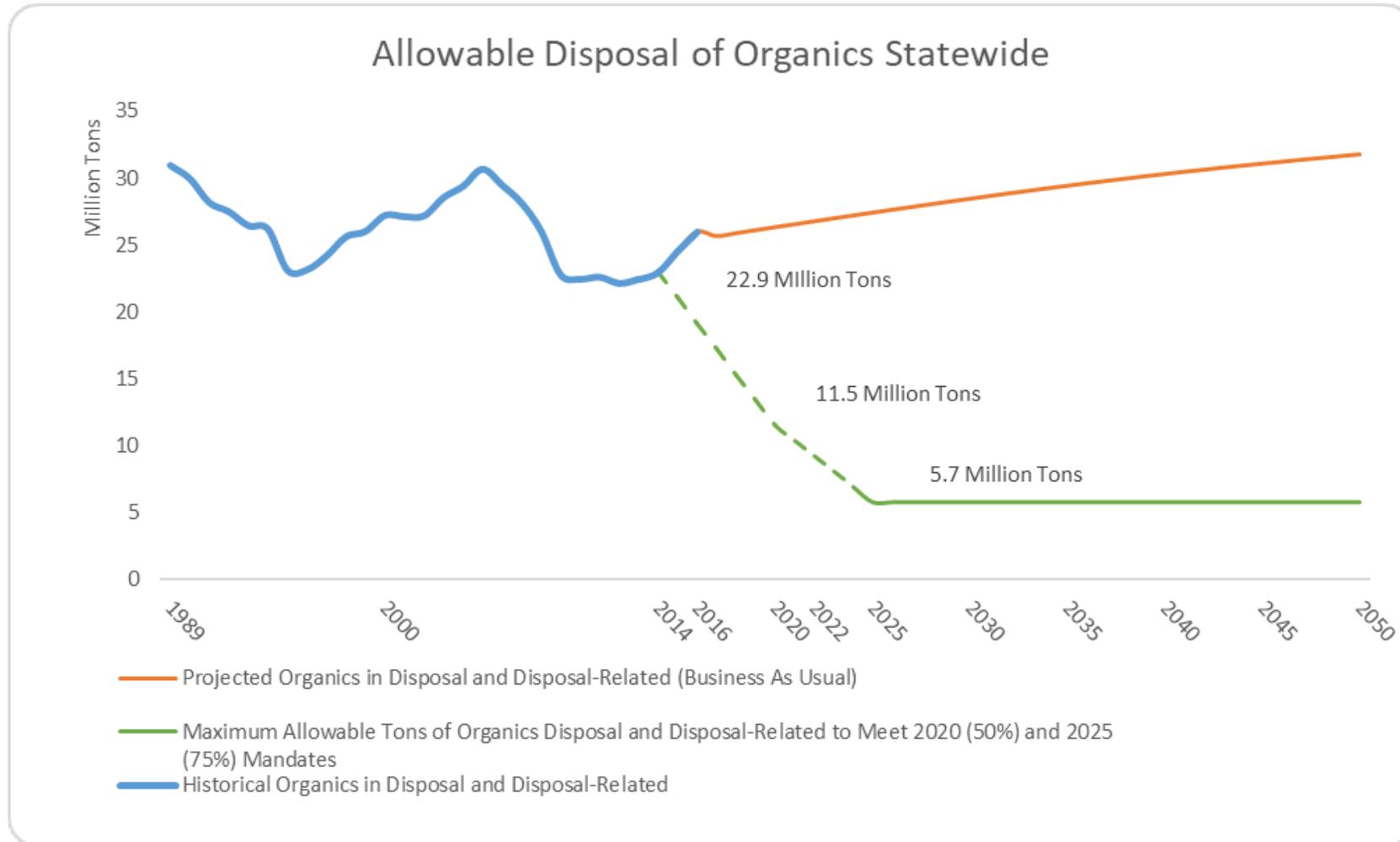
2015 Total CH₄ Emissions: 39.6 MMTCO₂e

Help reduce your CH₄ emissions by reducing waste to landfills!

- **Achieving SB 1383 Organic Waste Reductions**
 - Reduces landfill emissions by *4 MMTCO₂e in 2030*.
 - Avoids *14 MMTCO₂e* emissions over the lifetime of waste decomposition.

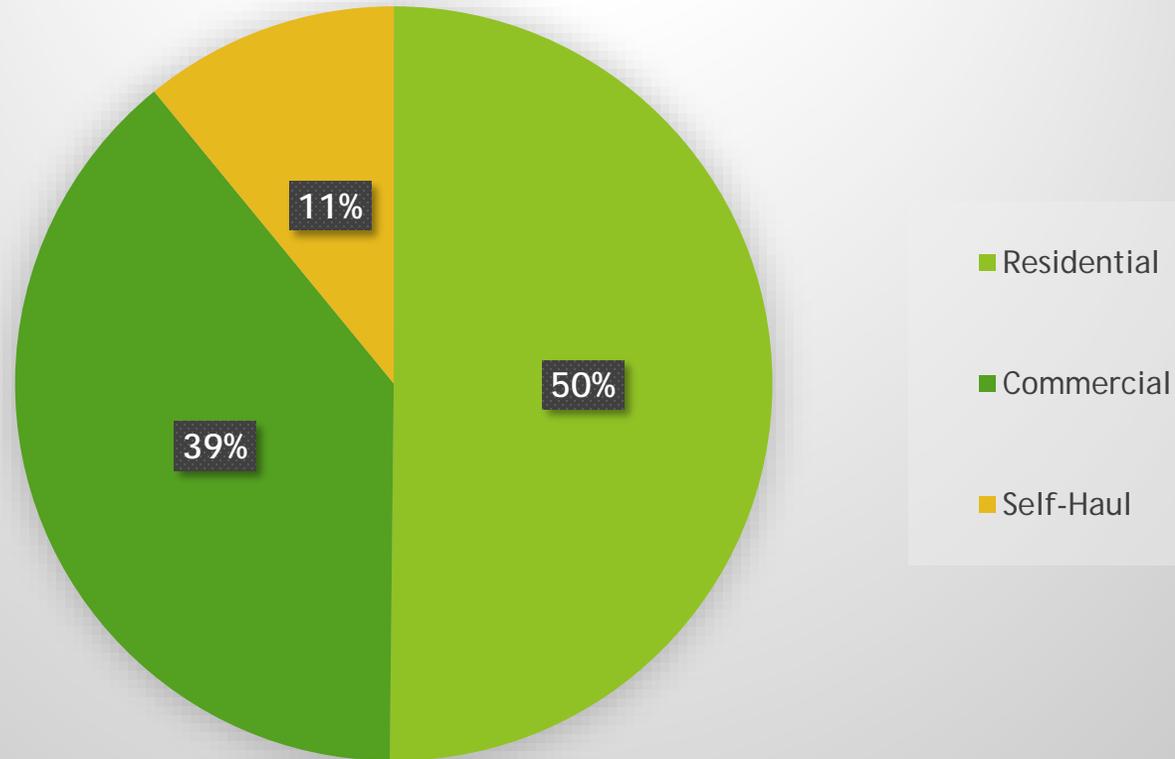
Where Are We Today?

SB 1383 Organic Waste Reduction Target



2014 Waste Characterization Data

Organic Waste By Sector



How Do We Get There? Regulations

SB 1383 Rulemaking Schedule

- 2017 informal rulemaking workshops
- 2018 formal rulemaking and adoption of regulations -*2018/2019*
- 2020 50 Percent Reduction in organics disposal (\leq 10M tons)
- 2020 Analysis on Waste Sector Progress (CalRecycle & ARB analysis)
- *2022 Regulations Take Effect*
- 2025 75 percent reduction in organics disposal (\leq 5.7M tons) and 20 percent edible food recovered



How Do We Get There? **Regulations**

Entities Included In SB 1383 Regulations

- Cities and Counties
- Local Enforcement Agencies
- Generators*
- Haulers
- Solid Waste Facilities and Recyclers
- Food Recovery Organizations
- End-users of Recycled Organic Products

*Generators includes single family and multifamily residential, businesses, and entities that are outside of the authority of a jurisdiction such as state entities, federal facilities, and school districts.

How Does This Impact Cities and Counties?

How Does SB 1383 Impact Local Government?

- ▶ Local governments directly oversee local waste management (contracts, franchise agreements, permits, enforcement, etc.)
- ▶ Achieving SB 1383 targets requires new levels of collection services for generators
- ▶ Achieving SB 1383 targets requires new sources of organics recycling and edible food recovery capacity
- ▶ Achieving SB 1383 targets requires new levels of state and local oversight



How Does This Impact Cities and Counties?

Key SB 1383 Regulatory Requirements

- ▶ Organics Waste Collection Program
 - ▶ Source-Separated Collection
 - ▶ Mixed Waste Collection (allowed if minimum organic waste recovery standards are met)
- ▶ Edible Food Recovery Programs
- ▶ Education
- ▶ Monitoring contamination and conducting targeted education
- ▶ Inspection and Enforcement
- ▶ Planning for Adequate Capacity
- ▶ Procurement of Recycled Content Products
- ▶ Reporting

Entities Subject to Oversight

Generators of Organic Waste Minimum random and complaint based monitoring by jurisdictions

- ▶ Potential referral to CalRecycle for large generators that span multiple jurisdictions
- ▶ Potential for CalRecycle to initiate direct oversight and action when there is a failure to properly monitor or act by the jurisdiction *(Similar to existing practices with LEAs and SWFs)*

Haulers of Organic Waste Jurisdiction monitoring for compliance with regulatory standards

- ▶ Potential for CalRecycle direct oversight and action when there is a failure to properly monitor or act by the jurisdiction. *(Similar to existing process with LEAs and SWFs)*



Jurisdictions' Oversight

- ▶ Oversight of generators and haulers, and edible food recovery organization
 - ▶ Regular monitoring for compliance for entities within the jurisdictions' oversight authority
 - ▶ Initiate compliance actions outlined in regulations
 - ▶ As violations are discovered, or
 - ▶ CalRecycle notices the jurisdiction of violation



Potential Compliance & Enforcement Procedures by CalRecycle

- ▶ There is no good faith effort. However, once an entity has been deemed to be out of compliance with a regulatory requirement CalRecycle can set a timeline for coming back into compliance that avoids penalties.
 - ▶ In setting the timeline CalRecycle will consider substantial efforts made by the entity (i.e. jurisdiction, hauler, generator) and factors outside the entities control.
 - ▶ This allows consideration of effort and avoidance of penalties due to that effort but it is not the same as the AB 939 good faith effort compliance model.
- ▶ If CalRecycle finds that a jurisdiction is not fulfilling one or more of its responsibilities, then it make take one or more of the following actions:



Potential Compliance & Enforcement Procedures by CalRecycle

1. Conduct more frequent inspections within the jurisdiction or more frequent audits of the jurisdiction.
2. Take direct enforcement
 - Progressive Compliance:
 - ▶ Notice to Comply (compliance schedule i.e. 30 days to comply)
 - ▶ Submit second Notice of Noncompliance (if violation still exists)
 - ▶ Submit Accusation to Office of Administrative Law for penalties
3. Establish a schedule and probationary period for improved performance by the jurisdiction:

SB 1383 Regulatory Process

- Webpage: <http://www.calrecycle.ca.gov/climate/slcp/>
- Listserv: <http://www.calrecycle.ca.gov/Listservs/Subscribe.aspx?ListID=152>
- Inbox: SLCP.Organics@calrecycle.ca.gov