

# SB 1383

## Reducing Short-Lived Climate Pollutants in California

City of Encinitas  
Food Waste Forum  
April 16, 2019

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An Overview of SB 1383's  
Organic Waste Reduction  
Requirements



# CALIFORNIA'S CLIMATE STRATEGY



## VISION

Reducing Greenhouse Gas Emissions to 40% Below 1990 Levels by 2030

## GOALS



50% renewable electricity



50% reduction in petroleum use in vehicles



Double energy efficiency savings at existing buildings



Carbon sequestration in the land base



Reduced short-lived climate pollutants



Safeguard California

## ORGANIC WASTE REDUCTIONS



# CalRecycle

- Reduce Organic Waste Disposal
- Recover Edible Food from Waste Stream
- Reduce Methane Emissions

# CLIMATE CHANGE NEGATIVELY IMPACTS CALIFORNIA

Landfilled Organics Emit

## Methane Gas— A Super Pollutant

More Powerful than CO<sub>2</sub>  
Over a 20 Year Horizon

Methane Gas Contributes to  
Climate Change in California

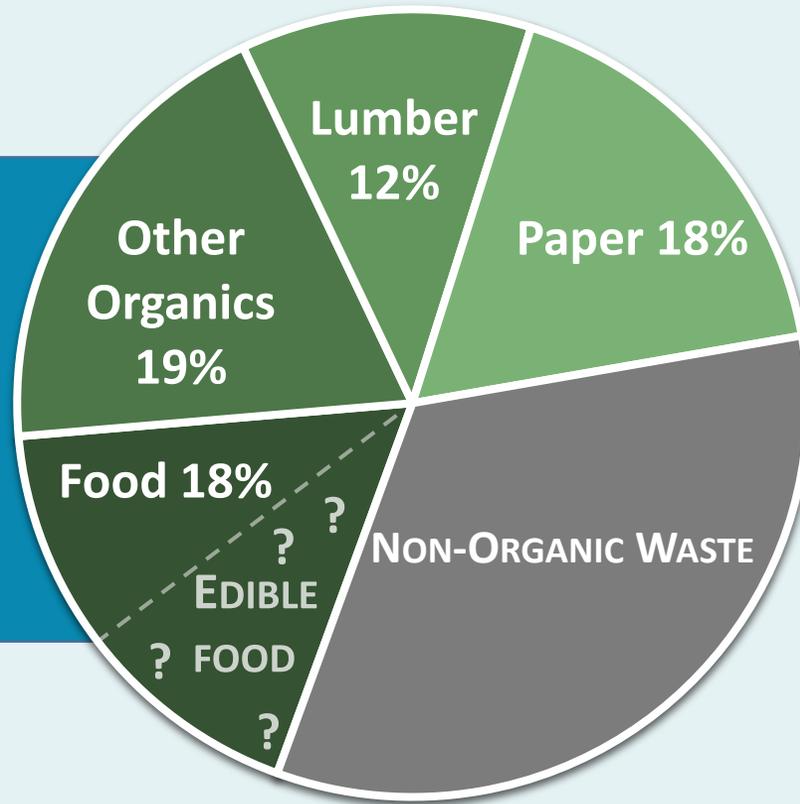


**CALIFORNIA**  
is already experiencing  
the impacts of  
**CLIMATE CHANGE**

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

# ORGANIC WASTE IS THE LARGEST WASTE STREAM IN CALIFORNIA

CALIFORNIA GENERATES  
**APPROXIMATELY**  
**20-23 MILLION TONS**  
OF ORGANIC WASTE  
EVERY YEAR



*THAT'S TWO-THIRDS  
OF OUR WASTE  
STREAM!*

IN CALIFORNIA, MILLIONS ARE  
**FOOD INSECURE**



**1 IN 8 CALIFORNIANS**  
**1 IN 5 CHILDREN**

CALIFORNIA THROWS AWAY  
**5.6 MILLION TONS**  
OF FOOD WASTE EVERY YEAR!

# 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

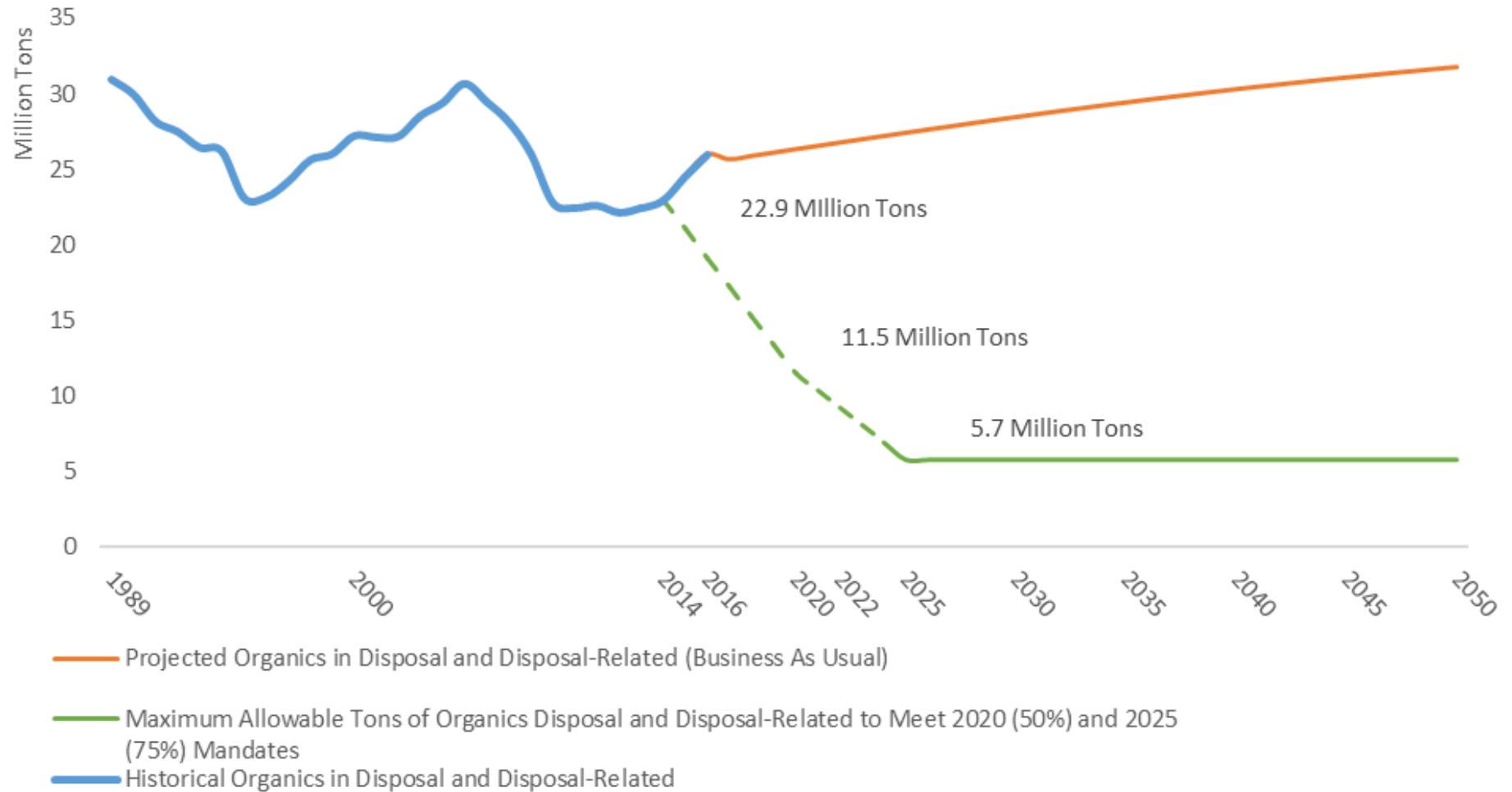
20 PERCENT INCREASE IN RECOVERY OF CURRENTLY  
DISPOSED EDIBLE FOOD

# ORGANIC WASTE REDUCTION TARGETS

By 2020  
10 Million TPY

2025 →  
20+ Million TPY

## Allowable Disposal of Organics Statewide



# ORGANIC WASTE RECYCLING INFRASTRUCTURE



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

# STRATEGIES AND REGULATED ENTITIES

Many strategies will be necessary  
to redirect manure and organic  
waste toward more productive  
uses that reduce emissions and  
stimulate our economy...



# JURISDICTION RESPONSIBILITIES

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



**Conduct Education  
and Outreach to  
Community**



**Secure Access to  
Recycling Capacity**



**Establish Edible  
Food Recovery  
Program**



**Procure Recyclable  
and Recovered  
Organic Products**



**Monitor Compliance  
and Conduct  
Enforcement**

# SB 1383 IN ACTION

## JURISDICTION REQUIREMENTS



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

## ORGANIC WASTE COLLECTION SERVICES



### Three-Container “source separated” Collection Service

- Organics prohibited from gray 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

## JURISDICTION REQUIREMENTS



**Establish Edible Food  
Recovery Program**

# EDIBLE FOOD RECOVERY PROGRAM

**Identify Existing  
Food Recovery  
Capacity**

**Monitor  
Commercial Edible  
Food Generators for  
Compliance**

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

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



# SB 1383 IN ACTION

## JURISDICTION REQUIREMENTS



**Conduct Education and Outreach to Community**

## EDUCATION REQUIREMENTS

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

Print



Electronic



Direct Contact



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

# SB 1383 IN ACTION

## JURISDICTION REQUIREMENTS



**Procure Recycled and Recovered Organic Products**

## PROCUREMENT REQUIREMENTS

### COMPOST & RNG

Each jurisdiction must procure minimum amounts of compost or renewable natural gas

### MINIMUM CONTENT

Paper products must be 30% recycled content



### QUANTITY

Procurement levels are based on population

### RECYLABILITY

All procured paper products must be recyclable

# SB 1383 IN ACTION

## JURISDICTION REQUIREMENTS



**Monitor Compliance and  
Conduct Enforcement**

## INSPECTION AND ENFORCEMENT REQUIREMENTS

### Ordinance



Adopt an Ordinance or Similar Mechanism that Is Consistent with the Regulations, and Includes Enforcement

### Compliance Monitoring



Annual Compliance Reviews, Route Reviews and/or Inspections  
Complaint Based Inspections

### Document Actions



Document and record: complaints, violations, and enforcement actions

### Remedying Violations

**2022** | Inform Regulated Entities of Noncompliance

**2024** | Conduct Enforcement, and Issue Penalties for Continued Noncompliance

# 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)



### Oversee and Monitor All Regulated Entities for Compliance

- Solid Waste Facilities
- Generators
- State Agencies,
- Schools
- Local Enforcement Agencies,
- Haulers
- Jurisdictions



- Issue Notices of Violation (NOVs) for Individual Violations
- Issue Penalties For Continued Noncompliance



- Authorize Waivers for Low Population and Rural Areas
- Authorize Corrective Action Plan to allow 24 months to Address Barriers Outside of Regulated Entities Control

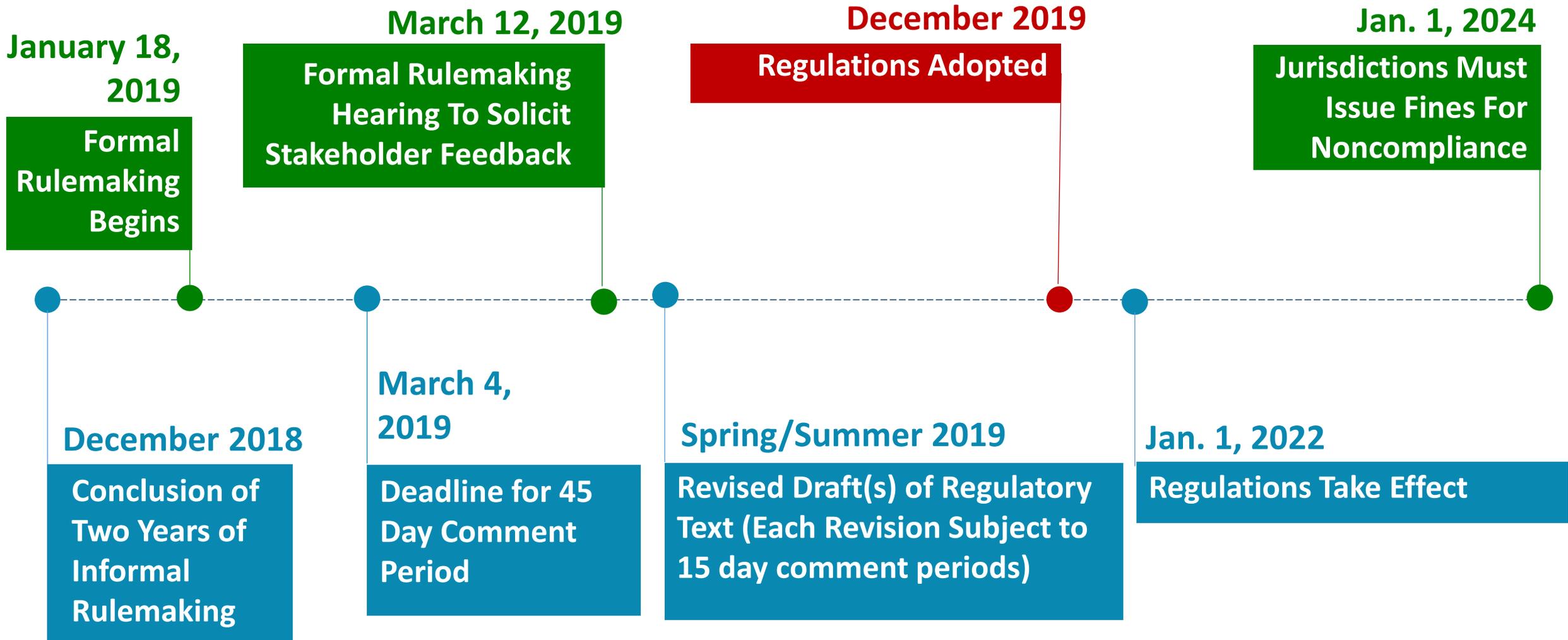
AB 939  
AND  
SB 1383  
WHAT IS  
THE  
SAME  
AND  
WHAT IS  
NOT?

# AB 939

# SB 1383



# SB 1383 KEY IMPLEMENTATION DATES





# HOW TO COMMENT ON THE PROPOSED REGULATION



## 45 DAY FORMAL COMMENT PERIOD

**1/18/19 - 3/4/19**

Comments Must Be Submitted by:

**5:00 PM March 4<sup>th</sup> 2019**

## FORMAL HEARING

**March 12<sup>th</sup> 2019**

Cal EPA Building, Coastal Hearing Room  
1001 I Street, 2nd Floor  
Sacramento, CA 95814



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**FAX: (916) 319-7146**



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**P.O. Box 4025**  
**Sacramento, CA 95812**

**Comments submitted in the formal comment period, or made at the formal hearing will receive a response in the final rulemaking package**



**CalRecycle**

**STAY  
ENGAGED**



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