

SB 1383 Implementation

REXPO
2024



California's Organics Climate Fight

SB 1383 (Lara, 2016) targets to reduce landfill climate pollution

- 75% reduction in organic waste disposal by 2025
- 20% recovery of currently disposed surplus food to feed Californians by 2025

Local Requirements Started Jan. 1, 2022



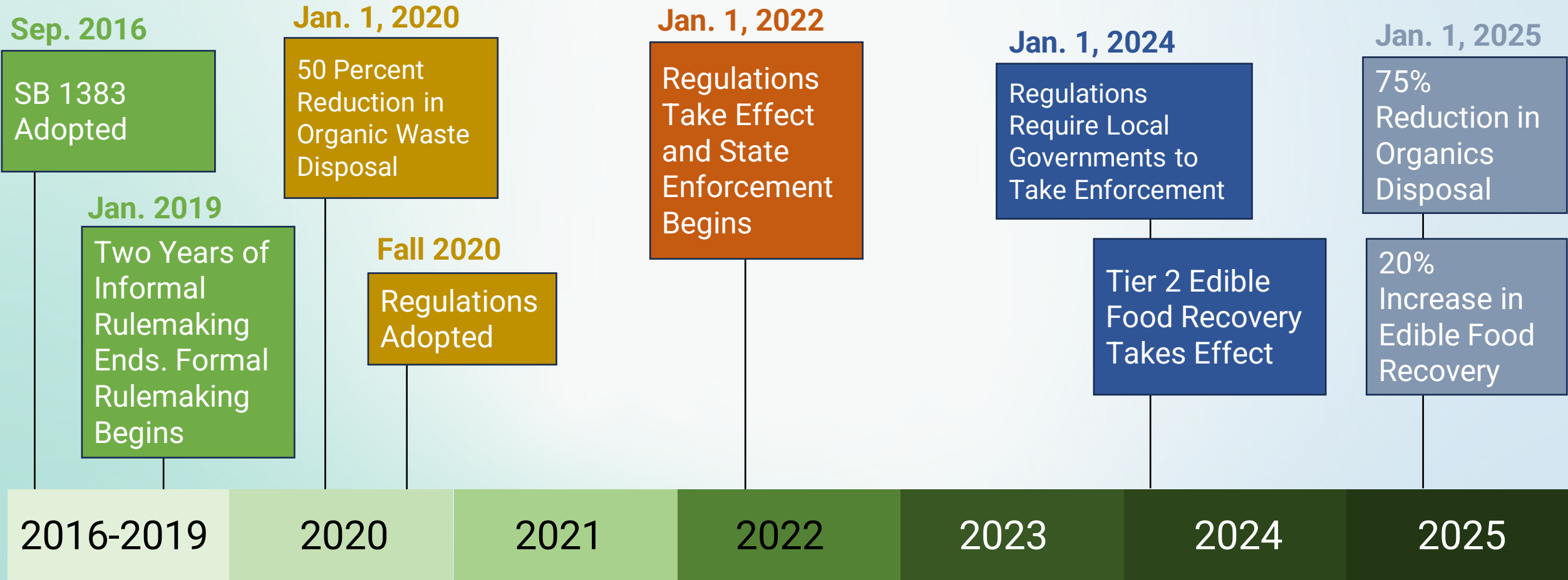
Food and Yard Waste Collection



Surplus Food Recovery

Procure recovered organics products | Keep specific records
Plan local capacity for new programs | Enforce local requirements

Key Implementation Dates



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**



CalRecycle Oversight (Began in 2022)



STATE ENFORCEMENT



Oversee and Monitor for Compliance

- Jurisdictions
- State Agencies and Facilities
- Local Enforcement Agencies



Review Reports, Records and Authorize Waivers

- Annual Reports
- Implementation Record
- Low Population Waivers
- Rural Area Waivers



If There are Violations

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

AB 341/AB 1826 Steppingstones to SB 1383

Mandatory Commercial Recycling

AB 341 (Chesbro, Chapter 476,
Statutes of 2011)

Mandatory Commercial Organics Recycling

AB 1826 Chesbro (Chapter 727,
Statutes of 2014)



Local Plans to Address Program Gaps

Plans included:

- Outreach to regulated businesses
- Mandatory service requirements
- Waiver determinations
- Rate increases
- Monitoring updates



SB 619 (Laird, Chapter 508, Statutes 2021)

- 126 jurisdictions were issued CAPs after submitting Notices of Intent to Comply
- After issuance, 47 jurisdictions requested modifications and/or extensions. All requests were granted.

Of the 126:

- 32 Completion of CAPs is being verified
- 93 CAPs schedule to be completed by 3/1/24
 - Requests for extensions are expected to be received prior to the deadline and will be processed case by case
- 1 CAP with an infrastructure issue has an end date of 3/1/25

Compliance Evaluations (CE)

- 25 jurisdictions were selected for the first round of CEs (list is on the next slide).
- They were selected based on the following criteria.
 - Compliance with requirements in AB 341 and/or AB 1826
 - Compliance with a work plan
 - Submittal of required SB 1383 reports
 - Level of response to offers of assistance



Compliance Evaluation List

- Arcadia
- Baldwin Park
- Ceres
- Cerritos
- Chula Vista
- Commerce
- Cudahy
- Huntington Park
- Lancaster
- Live Oak
- Marysville
- Modoc – Unincorporated
- Nevada – Unincorporated
- Nevada City
- Placerville
- Rancho Palos Verdes
- Redding
- Riverside – Unincorporated
- San Dimas
- Shasta – Unincorporated
- Sutter – Unincorporated
- Wheatland
- Whittier
- Yuba – Unincorporated
- Yuba City

Preliminary Findings on Compliance Evaluation

- **Struggles:**

- Achieving the recovered organics waste product procurement requirements
- Full implementation in rolling out organic waste recovery programs
- Compliant Implementation Record
- Responding to CalRecycle in a timely manner if CalRecycle has questions

- **Successes:**

- Having an edible food collection program
- Providing required education and outreach
- Planning and reporting on capacity

Compliance Evaluation Steps

- 1st Step – Send a commencement letter to the jurisdiction
- 2nd Step – Request the Implementation Record (two weeks after sending the commencement letter)
- 3rd Step – Evaluate the jurisdiction's programs (review of records, site visits, meetings with the jurisdiction)
- 4th Step – Share draft Compliance Evaluation report with assistance staff
- 5th Step – Compliance Evaluation Findings Report
- 6th Step – Issue Notice of Violation(s)
- 7th Step – Issue Corrective Action Plan (CAP) for those who qualify
- 8th Step – Provide assistance
- 9th Step – Track progress of CAP
- 10th Step – If there is failure to implement the CAP successfully, develop accusation, implement the penalty process (including hearings)

Assistance Provided to Jurisdictions During Compliance Evaluations



- Webinars/Training
- Model Tools
- Education/Outreach

- Local Assistance staff respond to jurisdiction's request for assistance, including:
 - Training on completing electronic annual reports (EARs),
 - Developing a process to complete capacity planning reports,
 - Tool to manage implementation records,
 - Help with procurement options, and
 - Sample outreach materials

SB 1383 Success



Collection

- 75% report residential organics collection
- 143 jurisdictions have approved rural, elevation, or low population waivers
- Nearly all jurisdictions report:
 - New or expanding food recovery programs
 - Expanding commercial food collection and recycling programs

Extended compliance pathways

- 126 jurisdictions used the SB 619 (Laird, 2021) process to get more time to comply
- As of 2023, these jurisdictions have made measured progress



SB 1383 Success

Over 224 million meals have been recovered via CalRecycle's edible food recovery grant programs

- 116,615.7 tons of food recovered in the first half of 2022.
- 231,000 tons of food recovery needed to meet 2025 target.
- On track to reach the 20% recovery by 2025.



Organic waste disposal continues decreasing and recovery is increasing!

- **2018** - estimated **21 million tons** of organics were disposed
 - About 55% of total landfill disposal.
- **2021** - estimated **19 million tons** of organics were disposed
 - About 48% of total landfill disposal.

2020 – **9.8** million tons of organic waste diverted through recycling

2021 – **9.9** million tons of organic waste diverted through recycling

2022 – **11.2** million tons of organic waste diverted through recycling



Infrastructure

- **California currently has 209 organics processing facilities in operation, not including community composting sites**
 - 169 composting facilities
 - 17 AD facilities (21 pending, including co-digestion)
 - 23 Biomass facilities
- **New facility permits CalRecycle issued from Jan – Oct 2023**
 - 23 new Solid Waste Facility permits, most of which will be processing organic waste
- **An additional 120 Community Composting program sites**



Investments To-Date

California has invested nearly a half-billion dollars in launching SB 1383:

Circular Economy funding

\$270 million awarded to CalRecycle as part of the Governor's 2021 climate package

Organics Grant Program

\$110 million awarded since 2014

Local Assistance Grants

\$56.6 million awarded since 2022
\$90 million to be awarded in 2024

Food Waste Prevention and Rescue Program

Over \$28 million awarded since 2016

Education and Outreach

Over \$1 million invested into an organics recycling education and outreach campaign in 2021-23

Community Composting for Green Spaces Grant Program

Over \$5 million awarded since 2019



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



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



SLCP.Organics@calrecycle.ca.gov

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I Will Survive: SB 1383

Presented by:

Tracie Onstad Bills

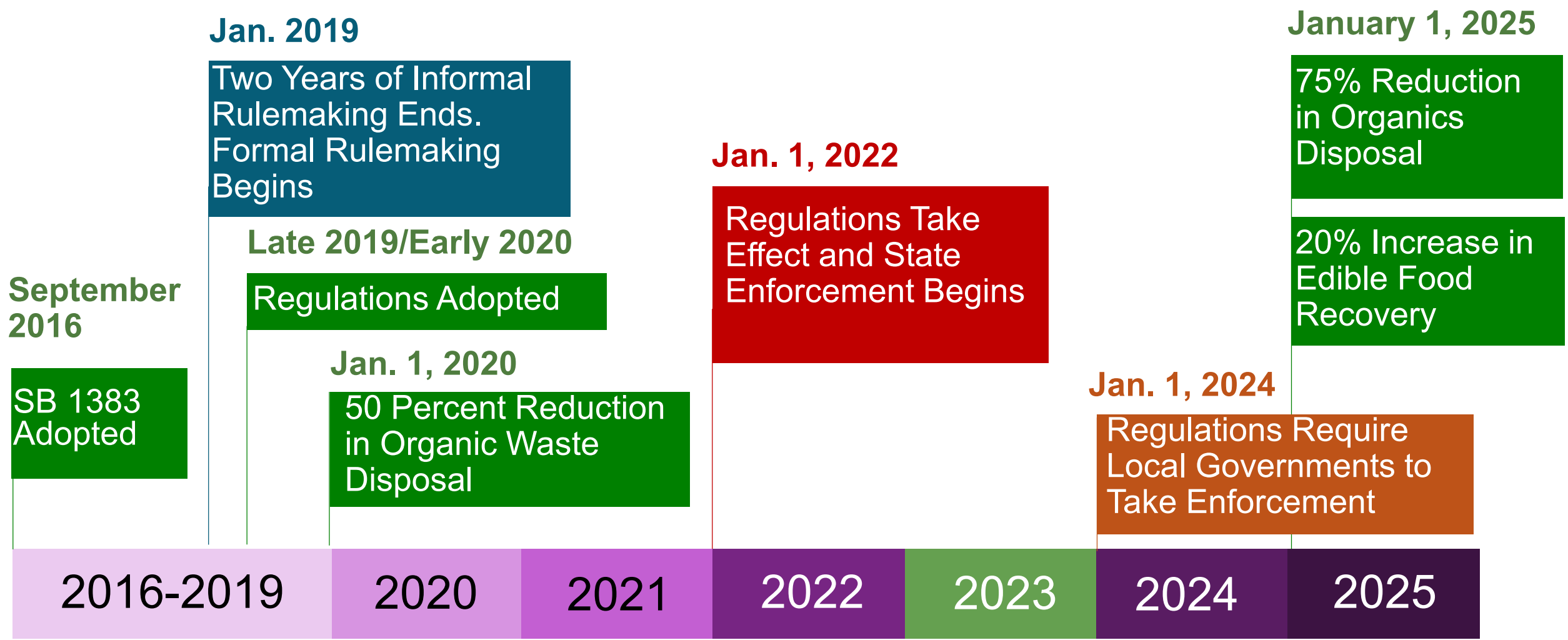
HDR Engineering

March 6, 2024



- 1 Where We Were
- 2 Where We Are
- 3 What Works
- 4 What Doesn't Work
- 5 Next Steps

Where We Were – SB 1383 Implementation Dates



COVID



Where We Are

January 1, 2024

- Regulations Require Local Governments to Take Enforcement

January 1, 2025

- 75% Reduction in Organics Disposal
- 20% Increase in Edible Food Recovery

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
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**Procure Recyclable and
Recovered Organic
Products**



**Monitor Compliance
and
Conduct Enforcement**



Provide Organics Collection Services to All Residents and Businesses

What Works

- CalRecycle Templates
- Grant Funding
- Collaborating with Other Municipalities
- Utilizing Local Association and Partners for Implementation

What Doesn't Work

- Timeline with COVID
- Lack of Infrastructure in Certain Parts of State
- Time to Attain Permits for Facilities
- Expectation of 100% compliance
- Costs Associated with Implementation

Establish Edible Food Recovery Program

What Works

- Utilizing Established Food Recovery Organizations
- Creating Positive Relationships
- Working in a Regional Approach
- Reframing EFR under a Health and Human Services Department - Not Solid Waste
- More Attention Placed on EFR Resulting in Shift How We Are Thinking About These Programs.

What Doesn't Work

- Regulation Focuses on Capture of Food - Not on How Much Food Feeds People
- Don't Track Data as Required by CalRecycle
- Need Funding to Establish Collection System
- Focus on Donating as Much Food as Possible - Not Prioritizing Healthier Foods
- Working with School Districts

Procure Recyclable and Recovered Organic Products

What Works

- Establishing Working Group
- Incorporating Other Departments
- Creating Change and Awareness through Purchasing of Recycled Content Material

What Doesn't Work

- Getting Other Departments to Care
- Developing List of Current Procured Materials is Extensive and Time Consuming
- Calculation of Required Volume of Material to be Procured or Changed is High
- Regulations Don't Take into Consideration:
 - ✓ How Mature Programs are
 - ✓ Take into consideration amount of time the jurisdiction is working to improve compost

Monitor Compliance and Conduct Enforcement

What Works

- Using Code Enforcement or Public Health Officials
- Outreach and Conversations with Generators to Effect Change
- CalRecycle Support

What Doesn't Work

- Many Municipalities Have Not Started or Do Not Have Enforcement Authority
- Problematic Generators Take a Lot of Time.
- Route Reviews
 - Time Consuming
 - Checking the Box / Not Working With Data

Questions and Discussion



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REXPO 54 - Greater Stockton Chamber of Commerce – March 5, 2024
I Will Survive – SB 1383

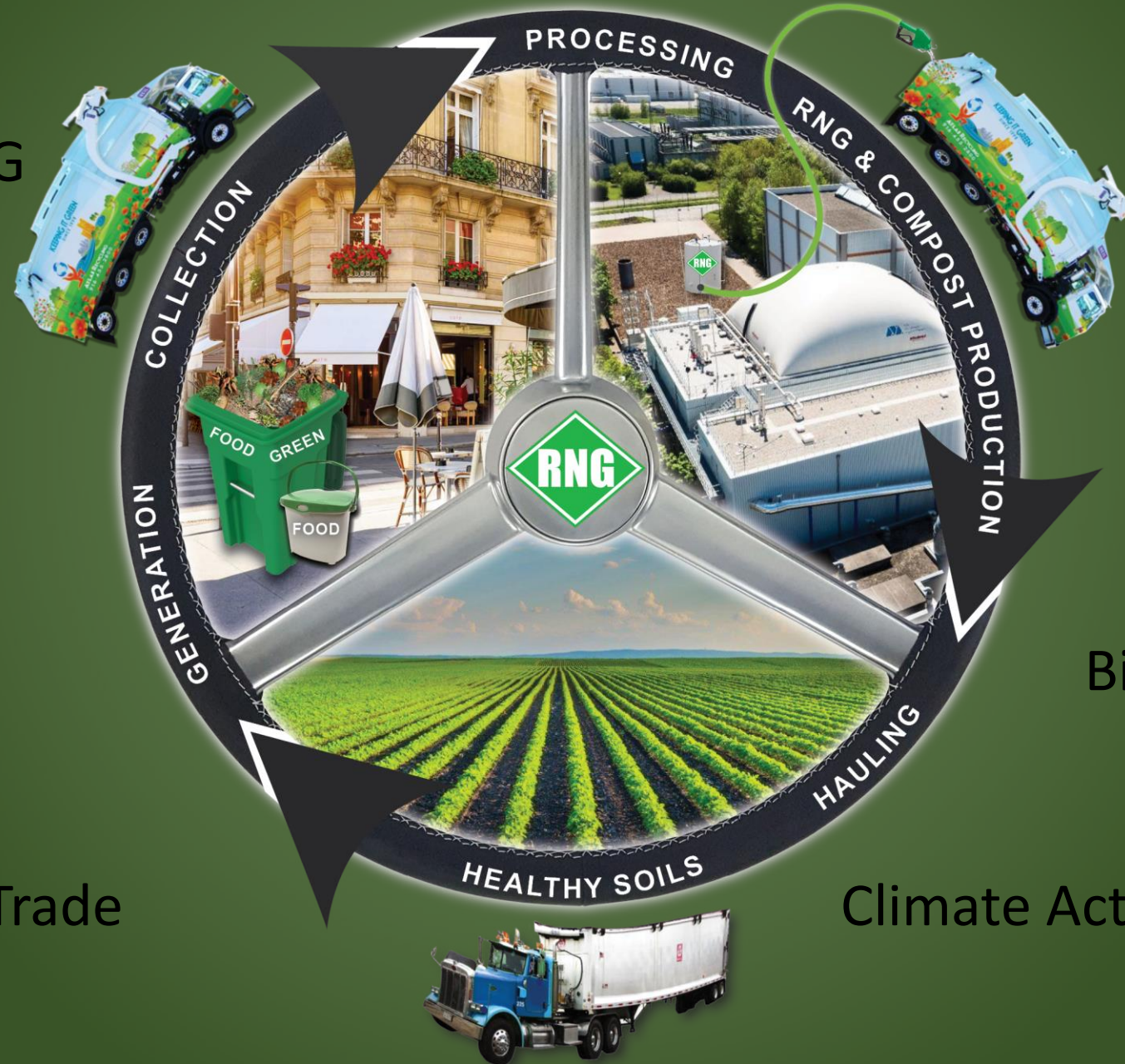
Evan WR Edgar – Edgar & associates, Inc

In the Wheelhouse of the Circular Economy

Net-Zero GHG

SB 1383

Cap-and-Trade



Compost Facilities at Landfills

- Co-location with existing infrastructure
- Turn right for disposal and left for composting
- County landfills predominately place composting under landfill permit
- \$58/to \$78/ton



Carbon Farming with CDFA and RCDs

Scaling Carbon Farming in California through Regional Hubs

Presented By

RCD Regional Carbon
Farming Hubs

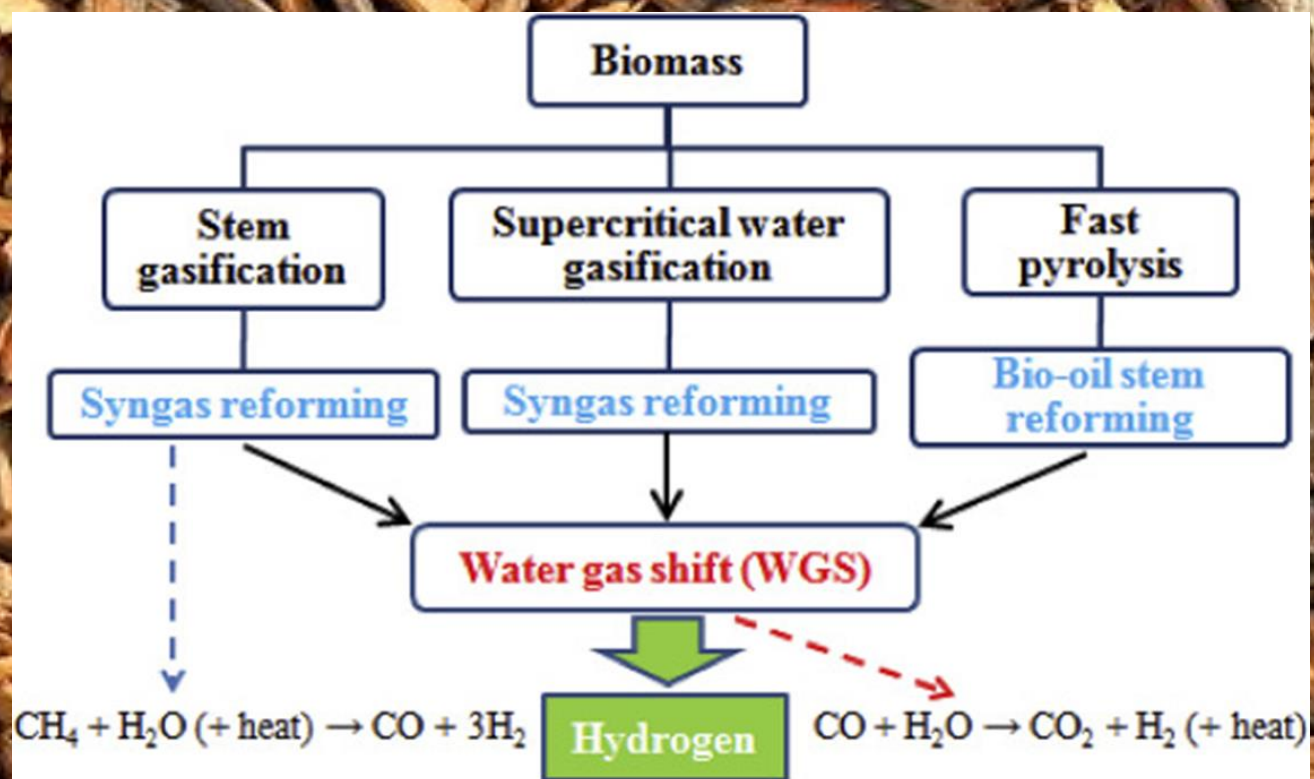


CALIFORNIA ASSOCIATION OF
RESOURCE
CONSERVATION DISTRICTS

Carbon Cycle Institute







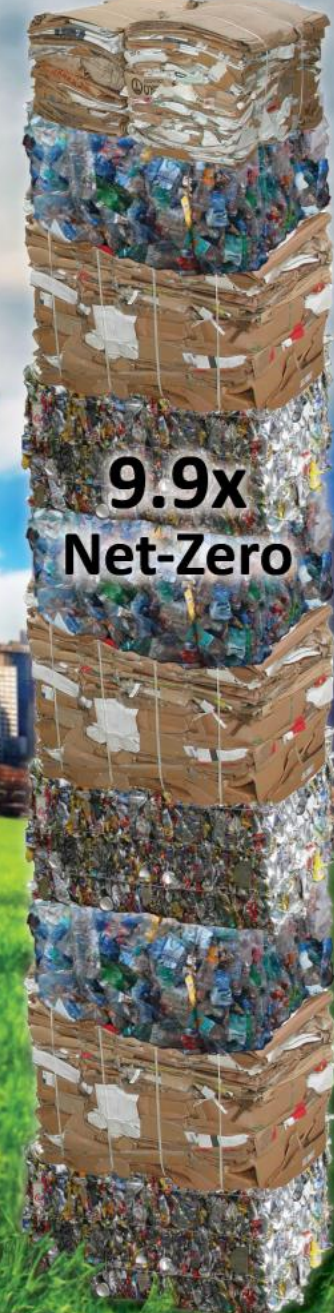
Achieving Net Zero GHGs in the Solid Waste Industry



**3.7x
Net-Zero**

2018

**Presented By:
Evan Edgar**



**9.9x
Net-Zero**

2030