

Landfills and Organic Waste

2022 Scoping Plan Update
September 8, 2021



Waste Disposed in California



Actions Taken to Date

- Increase efficiency of landfill methane capture
- Mandatory commercial recycling
- Development of SB 1383 Regulations
- Development of emission reduction factors
- Grants and loans to build infrastructure
 - Recovery of edible food
 - Community compost



SB 1383 Requirements

2020

50% Reduction in landfilled organic waste
(11.5 Million Tons = maximum Organic Waste Disposal)

2022

Regulations take effect

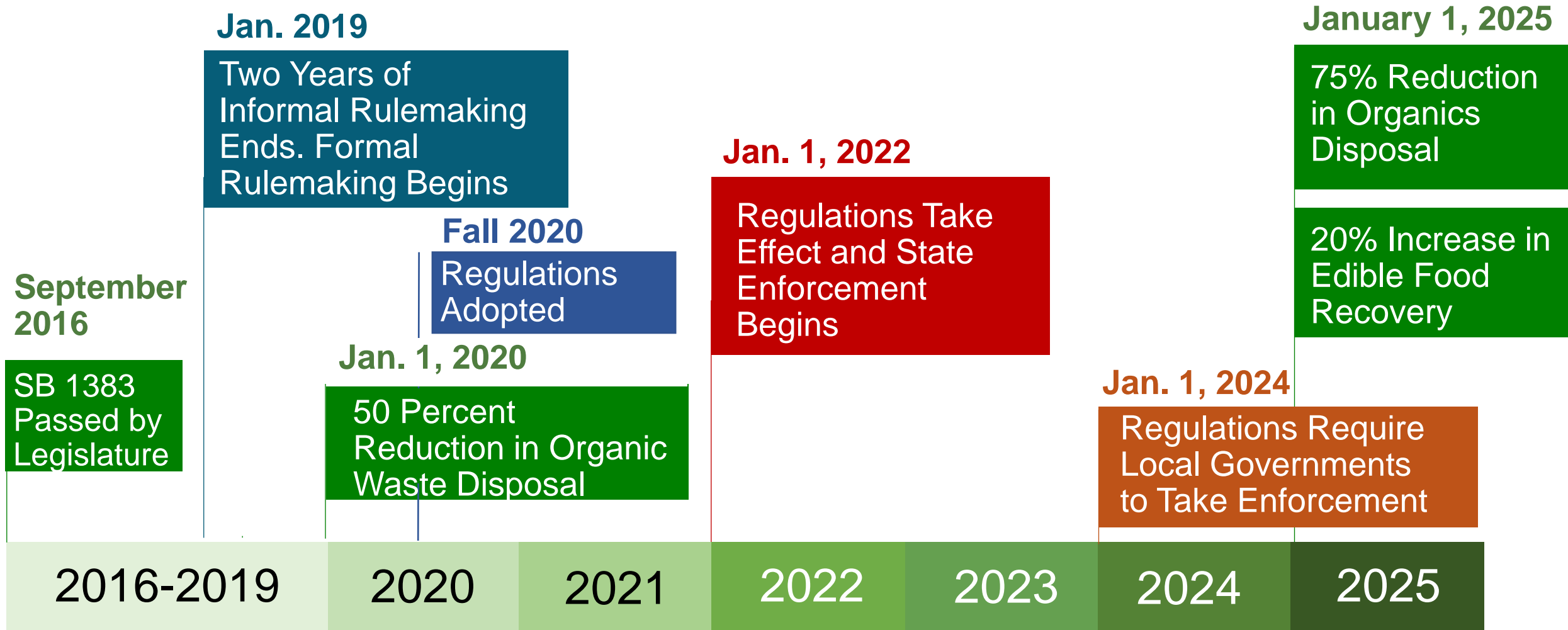
2025

75% Reduction in landfilled organic waste
(5.7 Million Tons = maximum Organic Waste Disposal)

2025

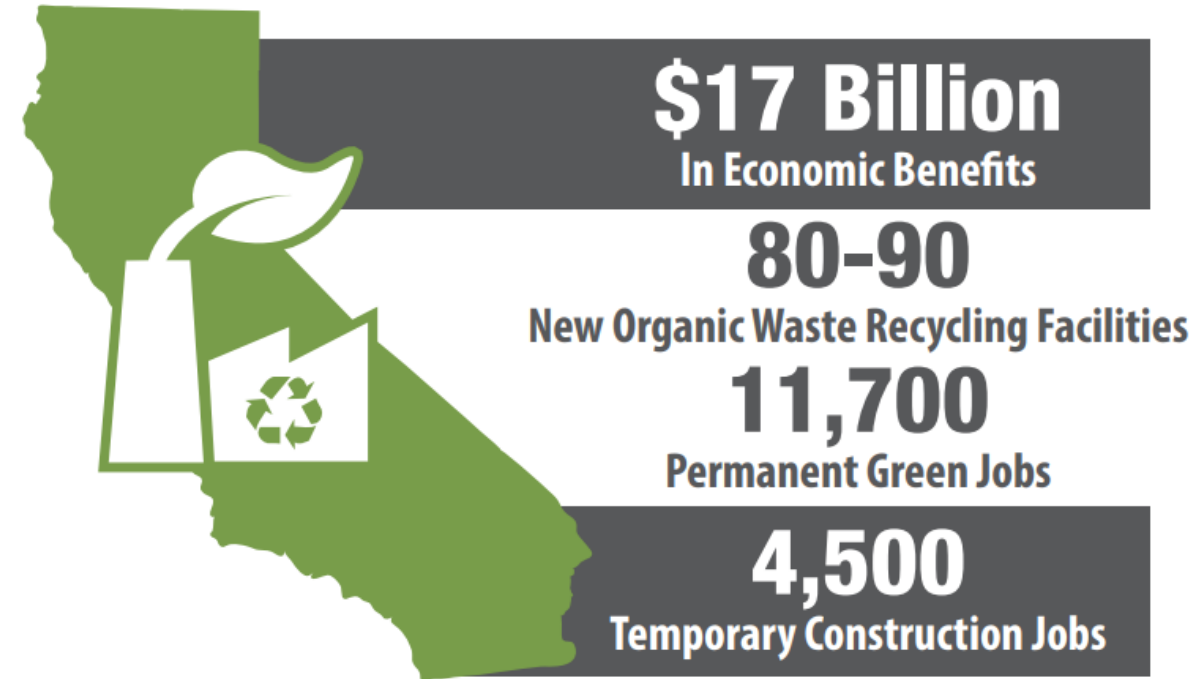
20% Recovery of currently disposed edible food for human consumption

SB 1383 Key Implementation Dates



Benefits of SB 1383 Implementation

- Creation of permanent green jobs
- Soil health
- Renewable fuels
- Reduce GHG emissions
- Air quality
- Avoided health impacts



SB 1383 Progress Analysis

Key Findings



Infrastructure



Collection

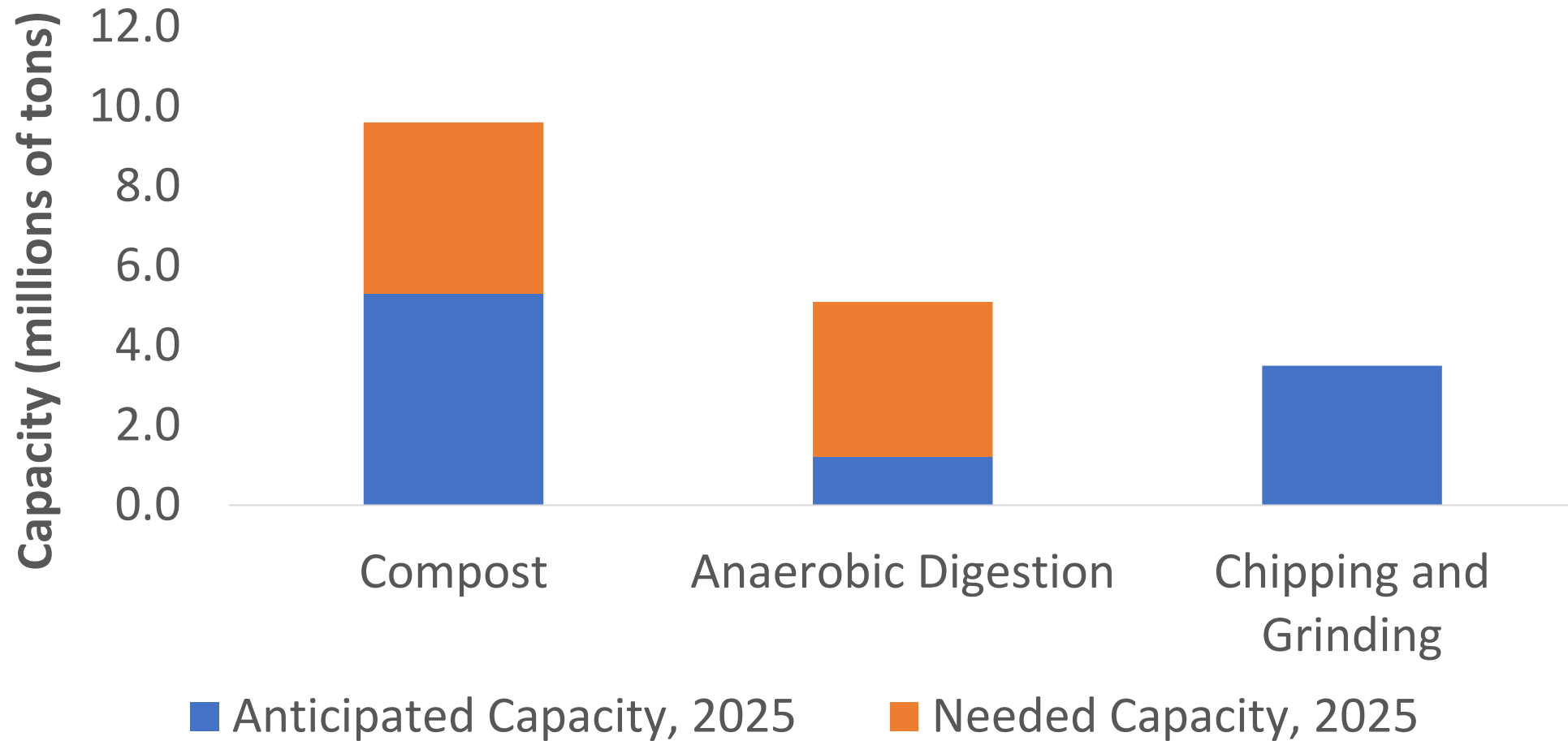


Permitting



Procurement

Illustration of Waste Sector Outlook



SB 1383 Environmental Justice Requirements

- Jurisdictions must seek feedback from communities when planning new facilities
- Educational materials must be translated into languages commonly spoken by the community
- Facility operators must hold a public meeting if a new or expanded facility will affect a disadvantaged community
- Enforcement agencies must hold an informational meeting for all new and revised full solid waste facility permit applications

Edible Food Recovery

- 4.9 million Californians are food-insecure
- SB 1383 requires 20% recovery of currently disposed edible food for human consumption
- Food Waste Rescue and Prevention:
 - \$23M awarded
 - 77 projects funded
 - 125M meals provided



Grants and Loans – Community Benefits

- \$143.9M awarded statewide
- 74% of funds benefit priority populations
- Prioritize high quality jobs
- Job training
- Community benefits agreements
- Community Composting for Green Spaces



Investments in the Circular Economy

- Take ownership of waste generated in California and build a circular economy
- Recognize waste as an economic resource
- Utilize recycled materials in the manufacturing of new products
- New Office of Innovation to foster market development and remanufacturing



Thank you

Resources

- To stay up to date, sign up for CalRecycle's "Short-Lived Climate Pollutants (SLCP)" listserv:
<https://www2.calrecycle.ca.gov/Listservs/Subscribe/152>
- CalRecycle Contacts:
SLCP Inbox: slcp.organics@calrecycle.ca.gov
EJ Program: EnvironmentalJustice@calrecycle.ca.gov