



2019 Food Waste Summit

Hosted by ReFED

October 28-30th

City View at METREON
San Francisco, CA

**THE CALIFORNIA DEPARTMENT OF RESOURCES,
RECYCLING AND RECOVERY**



CalRecycle's vision is to inspire and challenge Californians to achieve the highest waste reduction, recycling and reuse goals in the nation

CALIFORNIA'S CLIMATE STRATEGY

CALIFORNIA CLIMATE STRATEGY

An Integrated Plan for Addressing Climate Change



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



Reduce short-lived climate pollutants



Safeguard California



CalRecycle

Reduce Organic Waste Disposal

Recover Edible Food from Waste Stream

Reduce Methane Emissions

SB 1383

Short-lived climate pollutants:
methane emissions: dairy and
livestock: organic waste: landfills.



- Signed into law in 2016
- Established two organic waste disposal reduction targets and one edible food recovery goal
- Regulations will take effect January 1, 2022

SB 1383 Targets

50%

Reduction in the statewide disposal of organic waste (from the 2014 level) by 2020

75%

Reduction in the statewide disposal of organic waste (from the 2014 level) by 2025



20%

Of currently disposed edible food must be recovered for human consumption by 2025

Current Infrastructure in California

COMPOSTING FACILITIES

- **Approximately 180 composting facilities in California.**
- ~60 composting facilities in the state equipped to handle larger volumes of traditional organic materials from the solid waste stream
 - ~30 composting facilities permitted to accept food waste
- Approximately 6 million tons of traditional organics composted in 2017
- Need to at least double this infrastructure in order to meet the statewide targets established by SB 1383

ANAEROBIC DIGESTION FACILITIES

- **8 operational stand-alone anaerobic digestion facilities**
- **6 POTWs co-digest food waste**
- **Approximately 300,000 tons digested in 2017**



WHAT DOES “EDIBLE FOOD” MEAN?

“Edible food” means food intended for human consumption.

“Edible food” is not solid waste if it is recovered and not discarded.

Nothing in this chapter requires or authorizes the recovery of edible food that does not meet the food safety requirements of the California Retail Food Code.

All Food Donations Must Be in Compliance with the California Retail Food Code



Commercial Edible Food Generators

Tier 1

Starts 2022



Wholesale Food Vendors



Food Service Providers & Food Distributors



Grocery Stores
Facilities \geq 10,000 sq. ft.



Supermarkets

Tier 2

Starts 2024



Restaurants
Facilities \geq 5,000 sq. ft.



Large Venues and Events



Hotels
with on-site food facility and \geq 200 rooms



State Agencies
with cafeterias



Local Education Agencies
with on-site food facility



Health Facilities
with \geq 100 beds and on-site food facility

Jurisdiction Edible Food Recovery Program

Educate Commercial Edible Food
Generators on Requirements

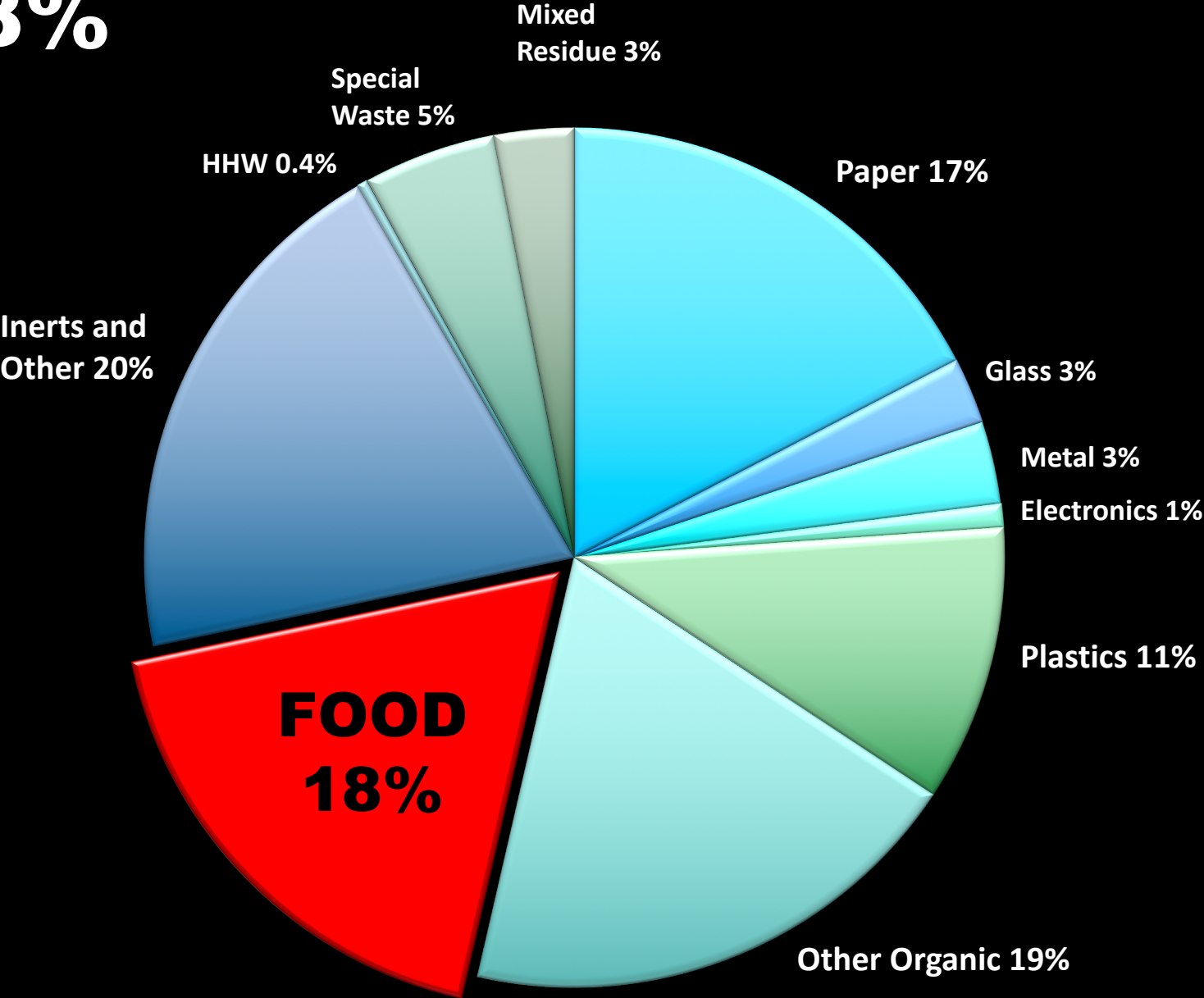
Increase Access to Food Recovery
Organizations

Monitor Commercial Edible Food
Generator Compliance

Increase Edible Food Recovery Capacity
(if additional capacity is needed)

- ◆ A Jurisdiction may fund the program through franchise fees, local assessments, or other funding mechanisms.

Food waste is 18% (5.6M tons) of statewide disposal



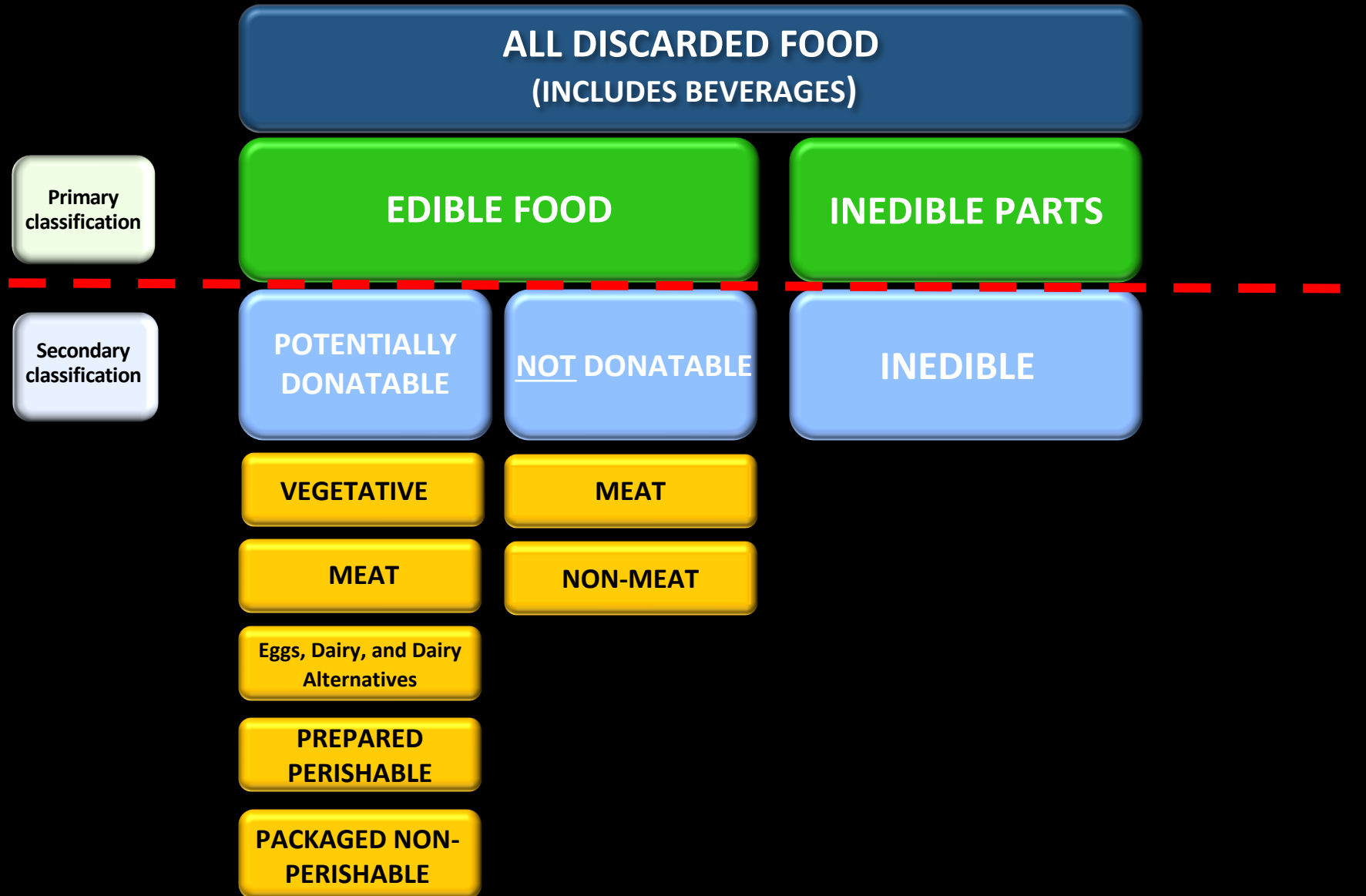
CalRecycle's 2018 Waste Characterization Studies

- **Disposal Facility-Based WCS**
 - Data from the 2018 Disposal-Based WCS is expected to be available in 2020
- **Commercial Generator-Based Edible Food WCS**

Data from the 2018 Generator-Based Edible Food WCS will be combined with data from the 2020 WCS to produce one unique, detailed and comprehensive statewide report.



Eight Food Waste Categories Based on Edibility





Food Waste Prevention and Rescue Grant Program

\$20 million awarded to 66 projects statewide



CalRecycle



Organics Grant Program

\$31 million awarded to 14 composting projects

\$33 million awarded to 9 anaerobic digestion projects



Thank You

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GHG Reduction Program Listserv

<https://www2.calrecycle.ca.gov/Listservs/Subscribe/135>

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