



AB 341 and 75%
Recycling Goal



California's Goals



- 75% Recycling by 2020
- CA Climate Strategy
 - 2025, 2030, 2050



Policy Drivers

AB 341

- 75% statewide goal by 2020
- Not transformation or disposal-related activities, etc.
- Doesn't change AB 939 mandate on jurisdictions

AB 32

- ARB Scoping Plan – Waste Sector
- Reduce GHGs to < 1990 levels
- SLCP – divert 90% of organics by 2025

AB 1826

- mandatory commercial organics recycling

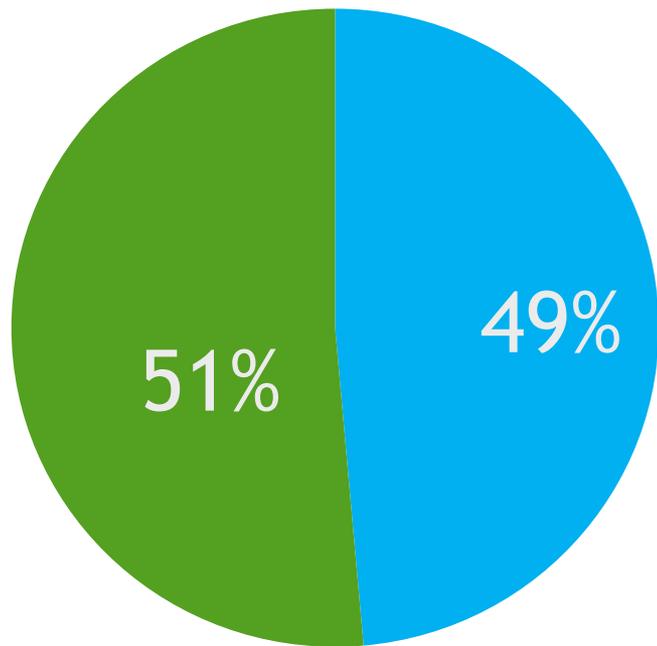


Other Drivers

- Public health and safety
- AB 939 50% diversion requirement for jurisdictions
- Beverage container recycling
- Electronics, waste tires, used oil
- Extended Producer Responsibility



Where Are We Now?

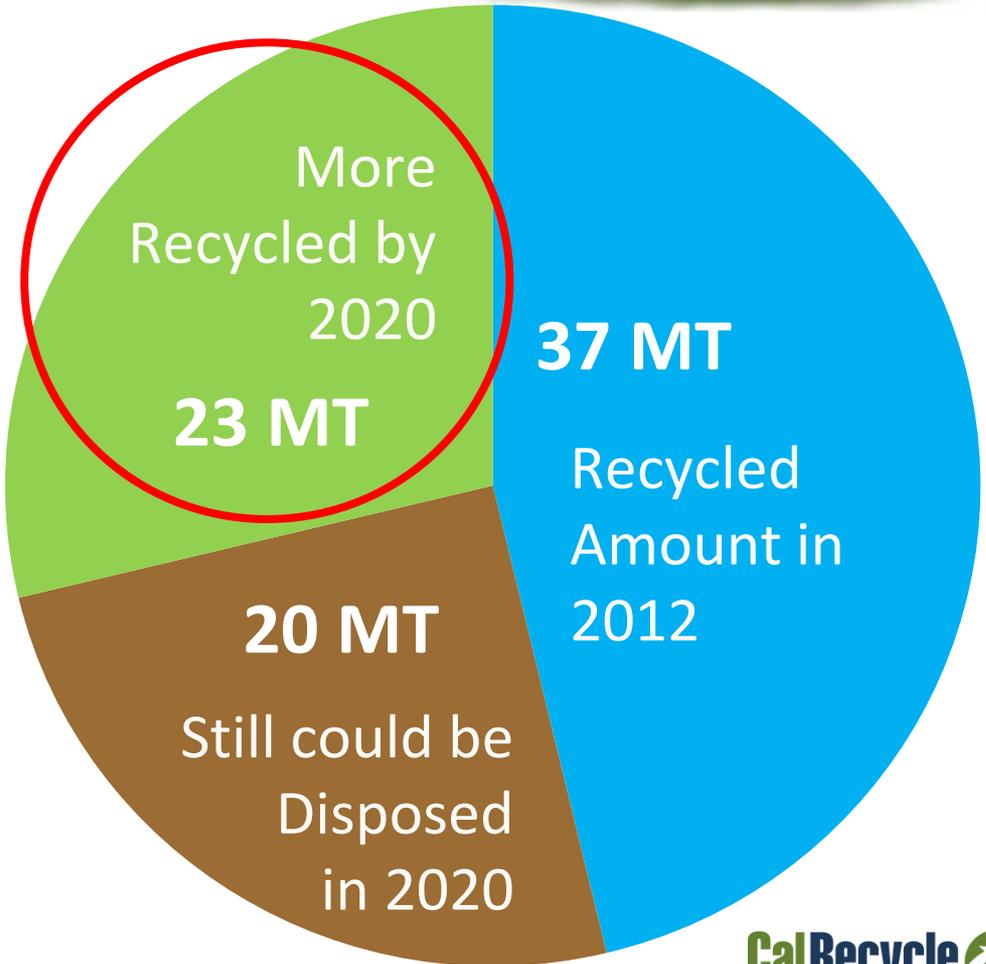


- Currently Recycled (PPD)
- Currently Disposal-Related Activity (PPD)



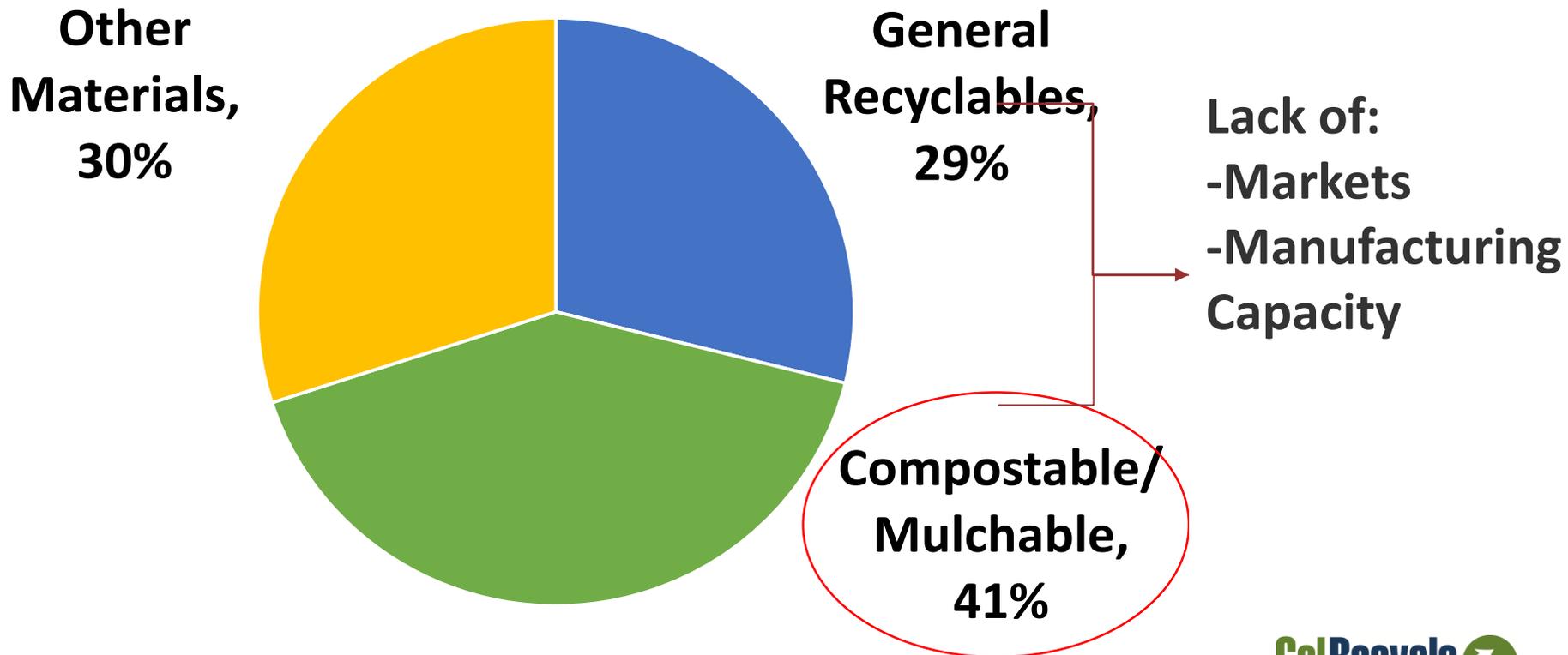


**Projected 2020
million tons
to reach 75%**





The 75% Gap





AB 341 Report to Legislature:

We will ... be faced with the challenge of breaking down barriers, some of which we have dealt with for some time.

- *Low cost of landfilling*
- *Limited demand for recycled feedstock*
- *Local opposition to siting new facilities*



AB 341 Report to Legislature:

- *Move organics out of landfills*
- *Expand recycling/manufacturing infrastructure*
- *New models for state and local funding*
- *Procurement of recycled-content products*
- *Extended producer responsibility*



AB 1826 Business Requirements

- ▶ April 2016 - Businesses generating 8 CY organics/week required to have organic recycling
 - Jan 2017 - 4 CY/week of organics
 - Jan 2019 - 4 CY/week of solid waste
 - 2020 trigger: CalRecycle can reduce to 2 CY of waste if statewide disposal not cut in $\frac{1}{2}$
 - Multifamily complexes not required to divert food waste



AB 1826 Jurisdiction Requirements

▶ Jan 2016 - Implement program

- Outreach, education, monitoring
- Organics recycling program
- May include mandatory recycling via policy or ordinance, franchise agreement or contract, or requiring material to go through MRF
- Identify barriers; plan to address barriers under control of jurisdiction

➤ 2016 - begin annual calls/site visits

- discuss what each jurisdiction planned to do

▶ Aug 2017 - begin reporting in Annual Reports

▶ 2018 & 2020 & ongoing—Jurisdiction reviews



Major Issues in Infrastructure Development

- ▶ Cost compared to landfilling
- ▶ Financing new/expanded facilities
- ▶ Permitting at state level
- ▶ CEQA
- ▶ Local land use decisions, NIMBY
- ▶ Ensuring markets



Permitting/Siting Issues

- Local land use
- CalRecycle regs on composting and AD
 - Requirements for in-vessel digesters
 - Contamination levels
 - Land application restrictions
- Air Districts and ARB
- Regional Water Boards and SWRCB
- CDFA



Markets: Procurement & Demand

- ▶ Markets mostly local or regional - need local demand
 - Local government procurement
 - Promotion with local residents, landscapers, businesses, Chambers of Commerce
- ▶ Working with State Agencies on procurement
 - ▶ Caltrans, DWR, others



Markets: Clean Products

- ▶ Markets local or regional - contamination comes back to our soils and water
- ▶ Compost subject to metals and pathogen standards
- ▶ Labeling info: US Composting Council, CDFA re: nutrients
- ▶ Physical contaminants - glass, plastics
 - Proposed CalRecycle regulations
 - Working with Water Board and CDFA on land application



Carrots: State Financial Incentives

- ▶ CEC: AB 118 Grants
- ▶ CalRecycle RMDZ Program Loans
- ▶ Treasurer: CPCFA Tax-Exempt Bond Financing, CALCAP
- ▶ BOE: Manufacturers Tax Rebate
- ▶ CalRecycle: Greenhouse Gas Reduction Grants/Loans

<http://calrecycle.ca.gov/Business/Assistance.htm>



GGRF Grants and Loans

- ▶ From Greenhouse Gas Reduction Fund
- ▶ \$25 million in FY 2014-15
- ▶ \$100 million in FY 2016-17?
- ▶ www.calrecycle.ca.gov/Climate/GrantsLoans/



Q&A

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