

AB 1826 and AB1594

New Legislation for Diverting Organics from the Landfill

Solano County LTF
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Policy Drivers

AB 939

- ▶ 50% diversion requirement for jurisdictions

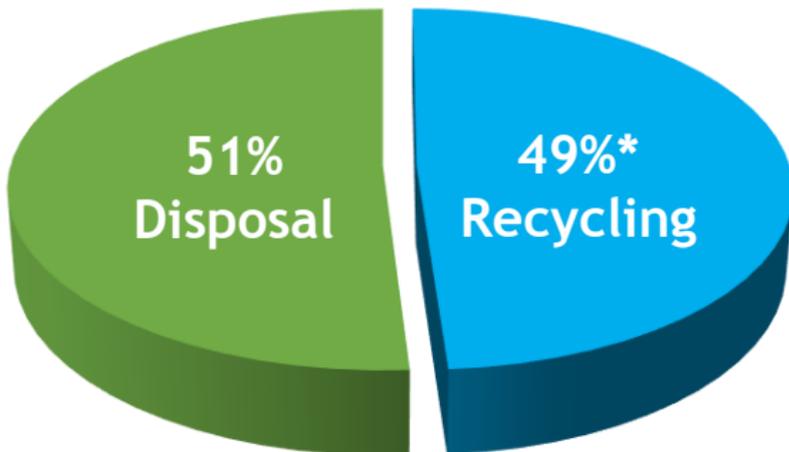
AB 341

- ▶ 75% statewide waste reduction by 2020
- ▶ Mandates commercial recycling

AB 32

- ▶ Air Resources Board Scoping Plan - Waste Sector
- ▶ Reduce GHGs to 1990 levels

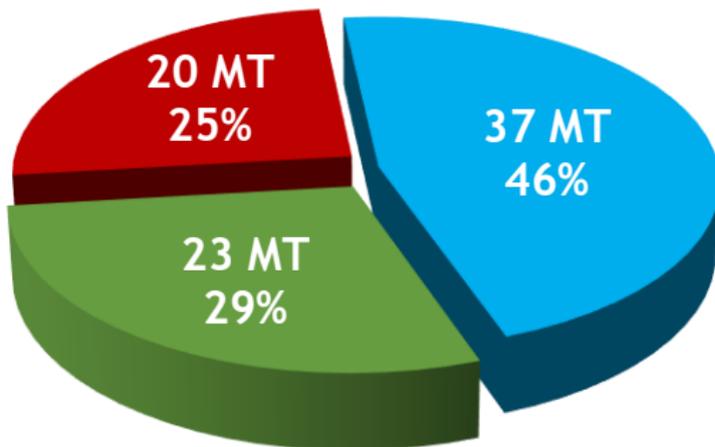
Where Are We Now?



■ Currently Recycled (PPD)

* This calculated value uses landfill reported disposal and a calculation methodology to estimate diversion.

Projected 2020 Tonnages to Reach Minimum 75% Recycling



- Additional Recycling Needed by 2020
- Can Still be Disposed in 2020
- Recycled in 2012

Why Organics?

- ▶ >30% of total disposal is compostable/digestible
- ▶ No way to 75% without it
- ▶ AB 32 Scoping Plan identifies organics as key player to help meet GHG goals
- ▶ Decomposing organic waste in landfills produces methane (CH₄)
- ▶ Methane has more than 20 x global warming potential of carbon dioxide (CO₂)
- ▶ Diverting ½ = 3-4 MMTCO₂e reduction/year

Why Divert Food?

- ▶ 35 million tons of waste/year disposed in California
 - ▶ 6 million tons = food scraps
 - ▶ = 17% of disposal
- ▶ Co-benefits of diverting food waste

Goals and Co-Benefits

▶ Goals

- ▶ Reduce GHG emissions
- ▶ Expand composting & AD infrastructure
- ▶ Expand manufacturing from paper, resins and glass
- ▶ Assist disadvantaged communities

▶ Co-Benefits

- ▶ Enhance air and water protection at organics sites
- ▶ Create jobs
- ▶ In-state biofuel/bioenergy production



Sticks

Reduce organics disposal through:

- ▶ **Legislation** - AB 1826 (statutorily mandated commercial recycling of organics) + AB 1594 (ADC = disposal)

AND/OR

- ▶ **Regulation** - Air Resources Board could implement landfill ban through direct regulations

AB 1826

Business Requirements

Businesses are required to divert organics by the following dates:

- ▶ **Apr 2016** - Businesses generating 8 CY organics/week required to have organic waste recycling
- ▶ **Jan 2017** - 4 CY/week of organics
- ▶ **Jan 2019** - 4 CY/week of solid waste
- ▶ **2020 Trigger** - CalRecycle can reduce to 2 CY/week of solid waste if statewide organics disposal not cut in half
- ▶ **Multifamily complexes are not required to divert food waste.**

AB 1826

Jurisdiction Requirements

- ▶ Jan 2016 Implement Program
 - Organics recycling program
 - Outreach, education, monitoring
 - Identify multiple parameters and barriers; plan to address barriers under control of jurisdiction
 - May include mandatory recycling via policy or ordinance, franchise agreement or contract, or by requiring material to go through MRF
 - Rural exemption process

AB 1826

Jurisdiction Requirements (cont.)

- ▶ **Aug 2017 Annual Report**
 - Education/outreach/monitoring
 - Include # of regulated businesses that generate organics, # of regulated businesses that recycle organics, and, if available, tonnage being diverted
 - Facilities/plans to address barriers

AB 1594 - ADC counted as disposal

- ▶ 2020: Green material ADC \neq recycling
 - ▶ Will be considered disposal
 - ▶ Exempt from tipping fee
- ▶ August 1, 2018: In EAR, each jurisdiction to provide info on plans to divert this material
- ▶ August 1, 2021: If jurisdiction fails to meet 50% as result, then in EAR also has to ID and address barriers to recycling green material
- ▶ CalRecycle required to update Legislature on status of IWMA fund

AB 1594

- ▶ Governor's signing message - concern re: creating fee-exempt form of disposal
 - ▶ Should not hamper efforts to reform fee structure
- ▶ Other ADC work - ongoing assessment of overuse at landfills

AB 1594

- ▶ Potential impact on jurisdiction compliance with AB 939?
 - ▶ Will ADC not counting as recycling result in jurisdictions failing to meet AB 939 goals and being placed on compliance orders?
- ▶ 308 used green waste ADC in 2012
 - ▶ Only 9 would fail to meet 50% per-capita disposal target as a result
- ▶ AB 939 review process
 - ▶ Per-capita disposal number is indicator but not determinative of compliance
 - ▶ CalRecycle focus continues to be on program implementation

Guidance on AB 1594

- ▶ Webpage
- ▶ FAQs
- ▶ Annual Reporting guidance
- ▶ CIWMP Enforcement
- ▶ Examples of how jurisdictions are addressing greenwaste ADC
- ▶ **Tool to calculate impact of greenwaste ADC**

How CalRecycle is Addressing Challenges

- ▶ Developing regulations - composting and AD
- ▶ Encouraging markets
- ▶ Working with other agencies

CalRecycle Addressing Challenges (continued)

- ▶ Creating financial incentives
 - ▶ Funding from Cap & Trade revenues
 - ▶ \$25 million in FY 2014-15
 - ▶ \$25 million again in FY 2015-16

CalRecycle GHG Reduction Programs

- ▶ Two Grant Programs (\$20 million)
 - ▶ Organic materials (\$15 million)
 - ▶ Fiber, Plastic, and Glass (\$5 million)
 - ▶ Statewide, competitive
- ▶ One Loan Program (\$5 million, revolving)
 - ▶ Organics & Fiber, Plastic, and Glass
 - ▶ Statewide, competitive

CalRecycle

Information and Contacts

- ▶ Grant and loan documents and application
<http://www.calrecycle.ca.gov/Climate/GrantsLoans/>
- ▶ Mandatory Commercial Organics Recycling Webpage
<http://www.calrecycle.ca.gov/Recycle/Commercial/Organics/>
- ▶ Subscribe to Mandatory Organics Recycling listserv
<http://www.calrecycle.ca.gov/Listservs/Subscribe.aspx?ListID=138>
- ▶ Grant questions
GHGReductions@CalRecycle.ca.gov
- ▶ Loan questions
Loans@CalRecycle.ca.gov