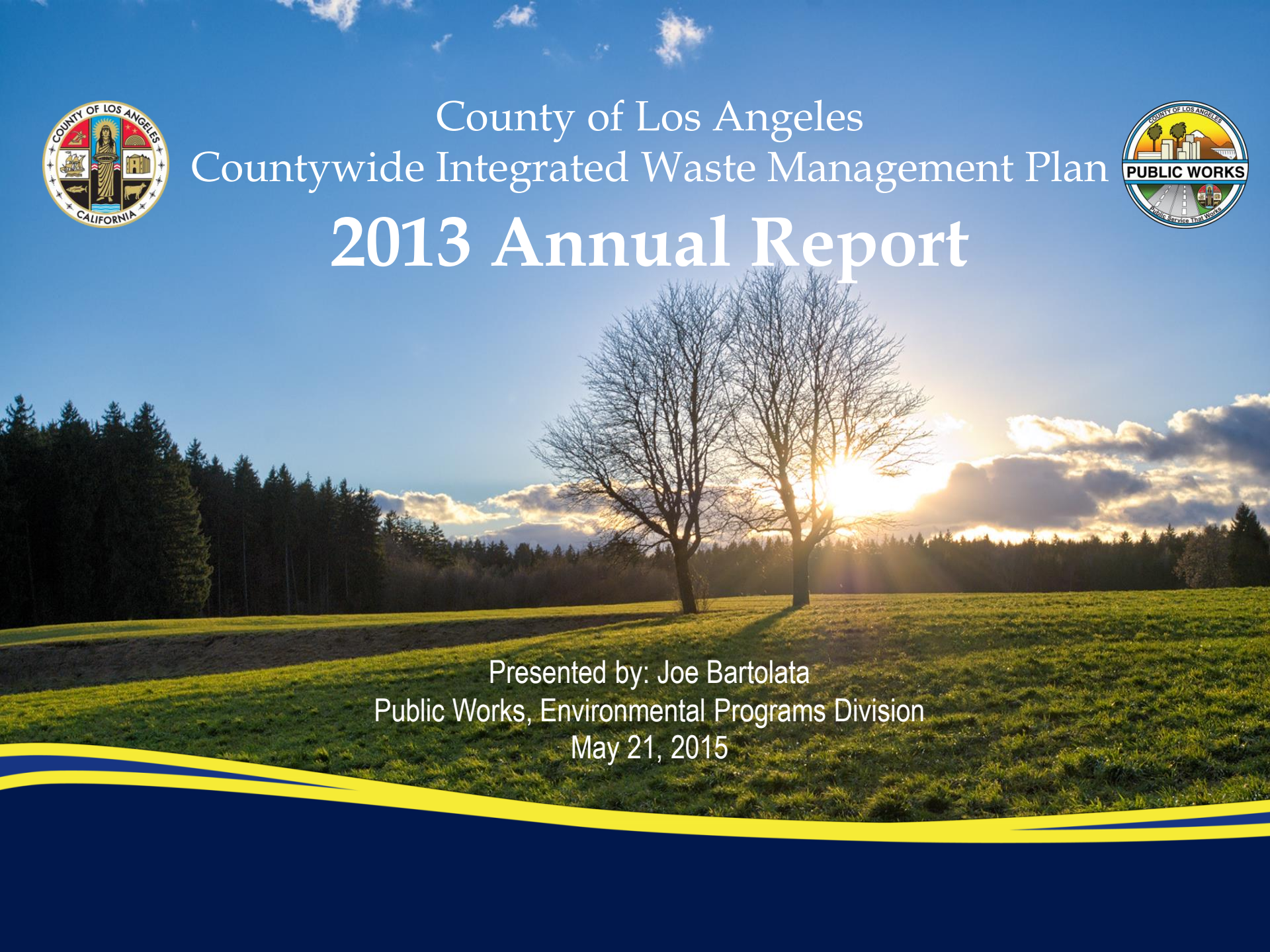
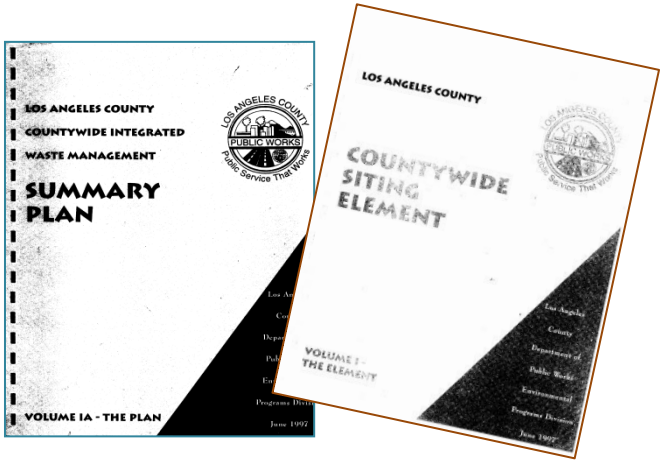


County of Los Angeles
Countywide Integrated Waste Management Plan
2013 Annual Report

Presented by: Joe Bartolata
Public Works, Environmental Programs Division
May 21, 2015

Purpose

- Provides an annual update to the Los Angeles County Countywide Integrated Waste Management Plan, which includes:
  - Summary Plan Assessment (1999)
  - Siting Element Assessment (1998)



Solid Waste Disposal Facilities

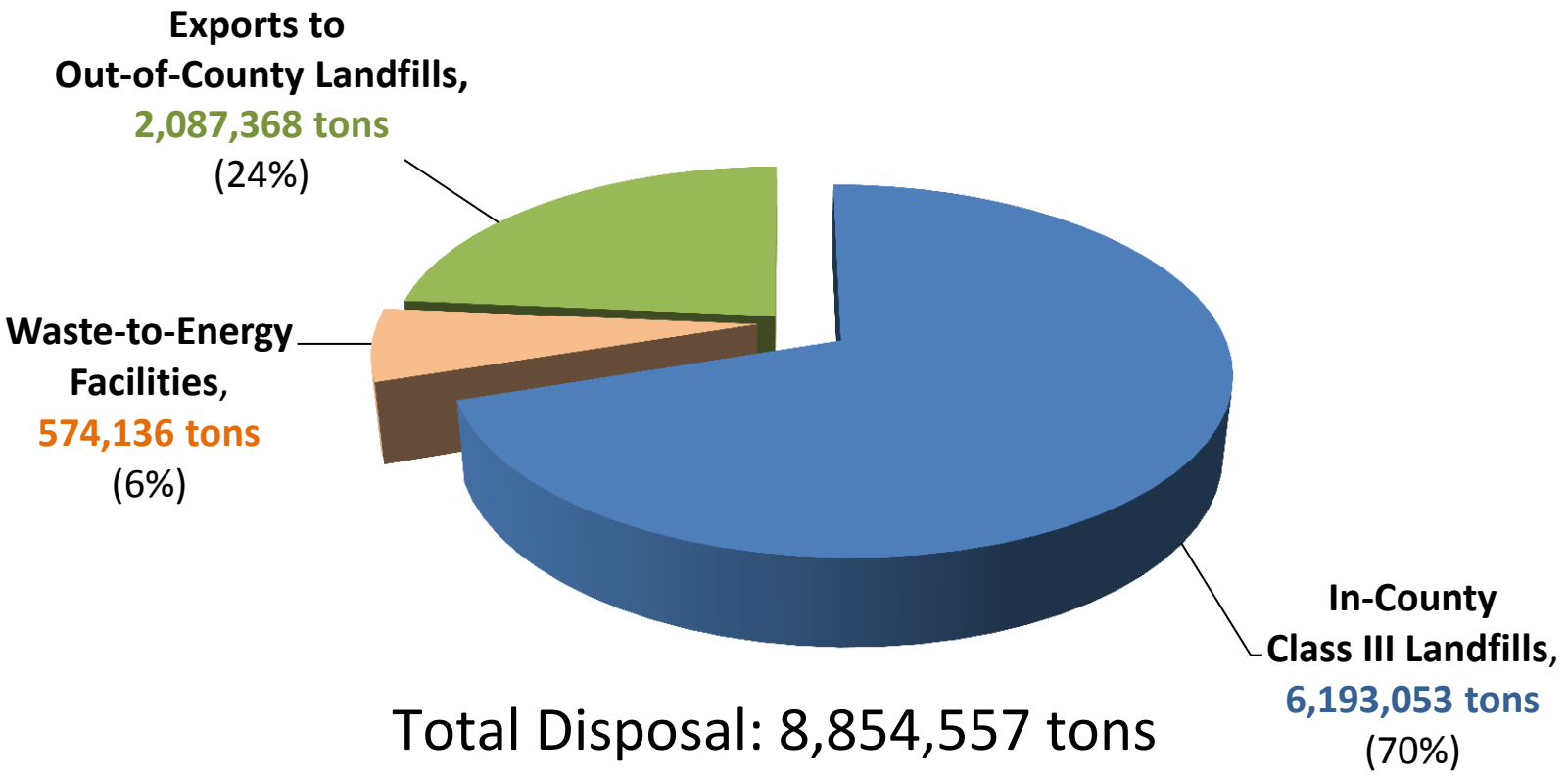
Permit Changes

- Savage Canyon Landfill – revised in 2013
- Azusa Land Reclamation – revised in 2014

Proposed Expansions

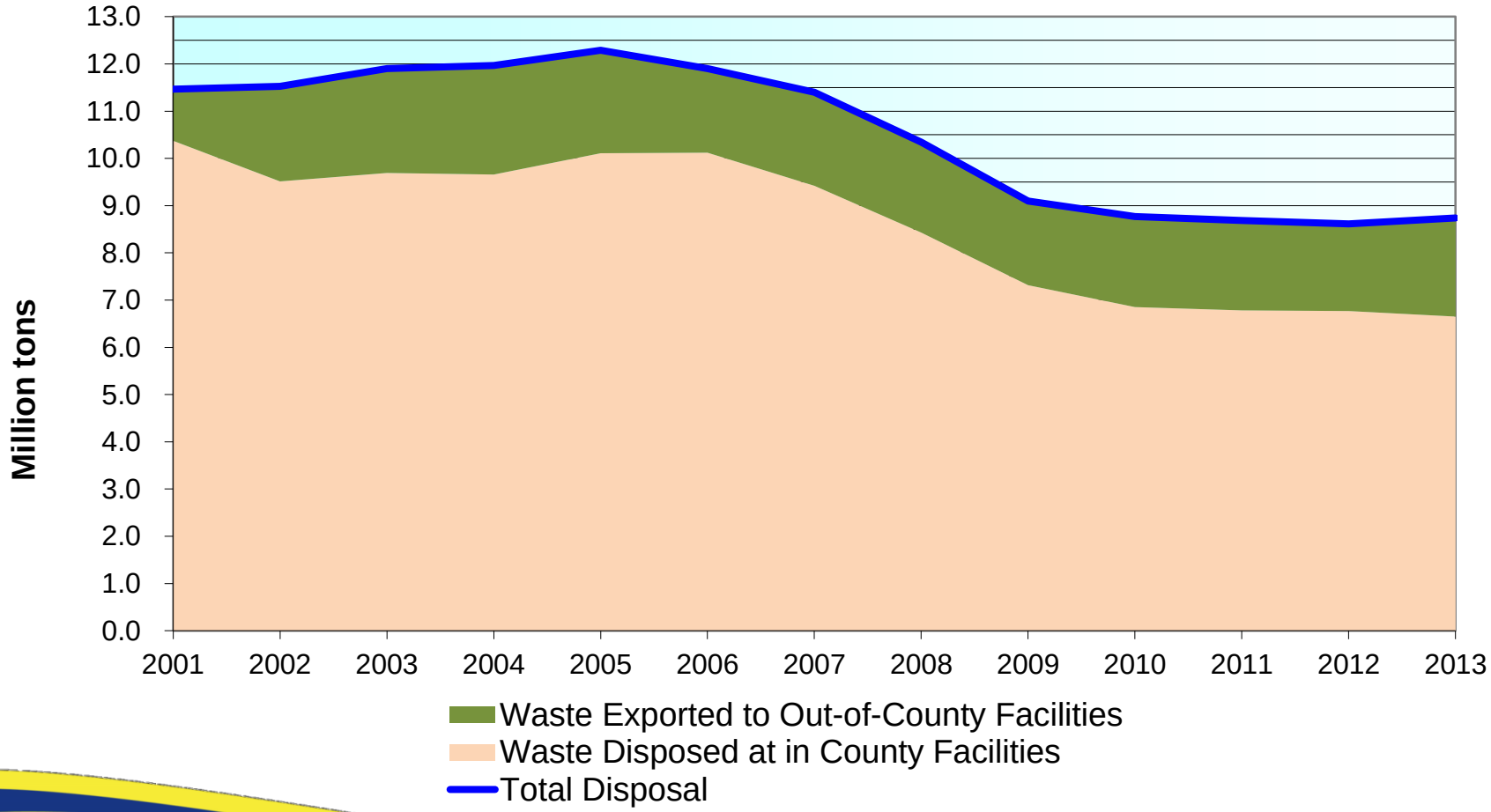
- Chiquita Canyon Landfill
  - Average Daily Capacity of 10,000 tpd
- Scholl Canyon Landfill
  - 5.5 million tons (Var. 1) or 8 million tons (Var. 2)

2013 Disposal Quantities



Total Disposal: 8,854,557 tons

Solid Waste Disposal Trends



Strategy for Maintaining Adequate Disposal Capacity

- Consistent with the **Goals & Policies** of the CSE
- Diversion rate of **75 percent** by 2020
  - ✓ Compliance with **AB 341, AB 1826, AB 845, and AB 1594**
  - ✓ CalRecycle's **"State of Disposal and State of Recycling in California"**
- **Proposed expansions** of existing in-County landfills
- Continued operations of Commerce Refuse-to-Energy and Southeast Resource Recovery Facilities or greater **alternative technology capacity**
- Continued **Exports** to Out-of-County landfills (most scenarios)

Disposal Capacity Need Analysis Scenarios

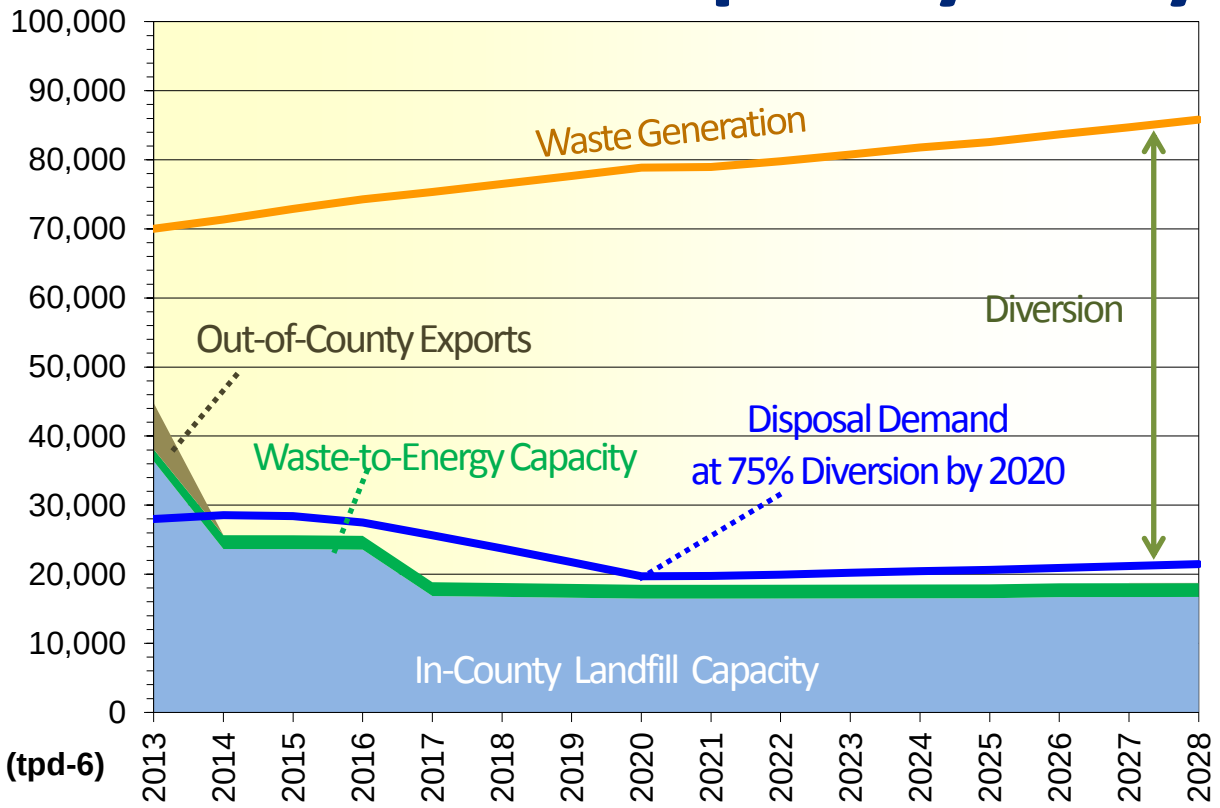
Scenario No.	Existing Permitted In-County Disposal Capacity	Diversion Rate of 75 percent by 2020[1]	Exports to Out-of-County Landfills	Proposed Expansions of In-County Landfills	Utilization of Alternative Technology Capacity	Increase in Exports to Ou-of-County Landfills
I **Utilization of Permitted In-County Disposal Capacity Only**	✓	✓				
II **Status Quo**	✓	✓	✓			
III **Status Quo – Meeting CalRecycle's Statewide Disposal Target of 2.7 PPD**	✓	✓	✓			

[1] Scenario III assumes an increase in diversion rate up to 79% by 2020 in order to meet CalRecycle's Statewide Disposal Target of 2.7 PPD.

Disposal Capacity Need Analysis Scenarios

Scenario No.	Existing Permitted In-County Disposal Capacity	Diversion Rate of 75 percent by 2020	Exports to Out-of-County Landfills	Proposed Expansions of In-County Landfills	Utilization of Alternative Technology Capacity	Increase in Exports to Ou-of-County Landfills
IV Proposed In-County Landfill Expansions	✓	✓	✓	✓		
V Utilization of Alternative Technology Capacity	✓	✓	✓		✓	
VI Increase Exports to Out-of-County Landfills	✓	✓	✓			✓
VII All Options Considered Become Available	✓	✓	✓	✓	✓	✓

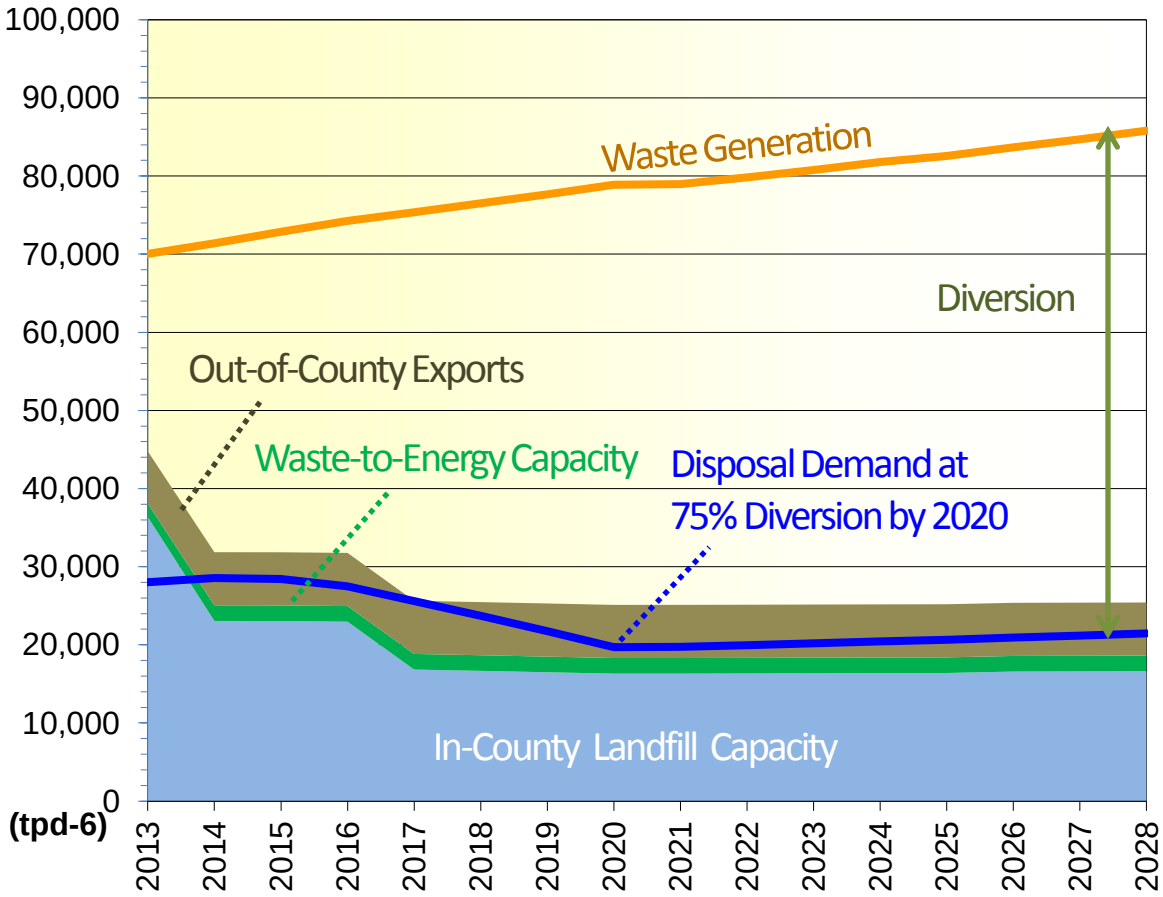
Scenario I – Existing Permitted In-County Capacity Only



- Assumes 75 percent diversion rate by 2020
- Existing Permitted In-County disposal capacity only

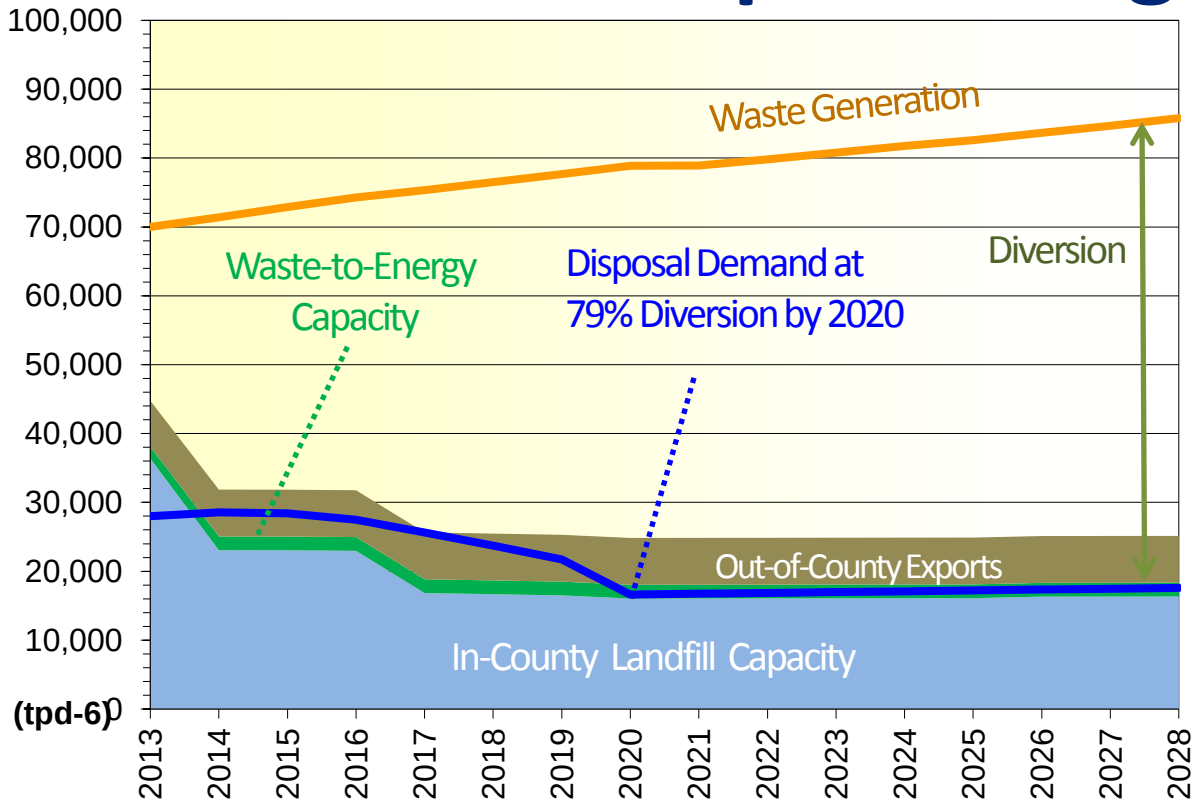
***Reliance on existing Permitted disposal capacity alone would be insufficient to meet long-term needs.**

Scenario II - Status Quo



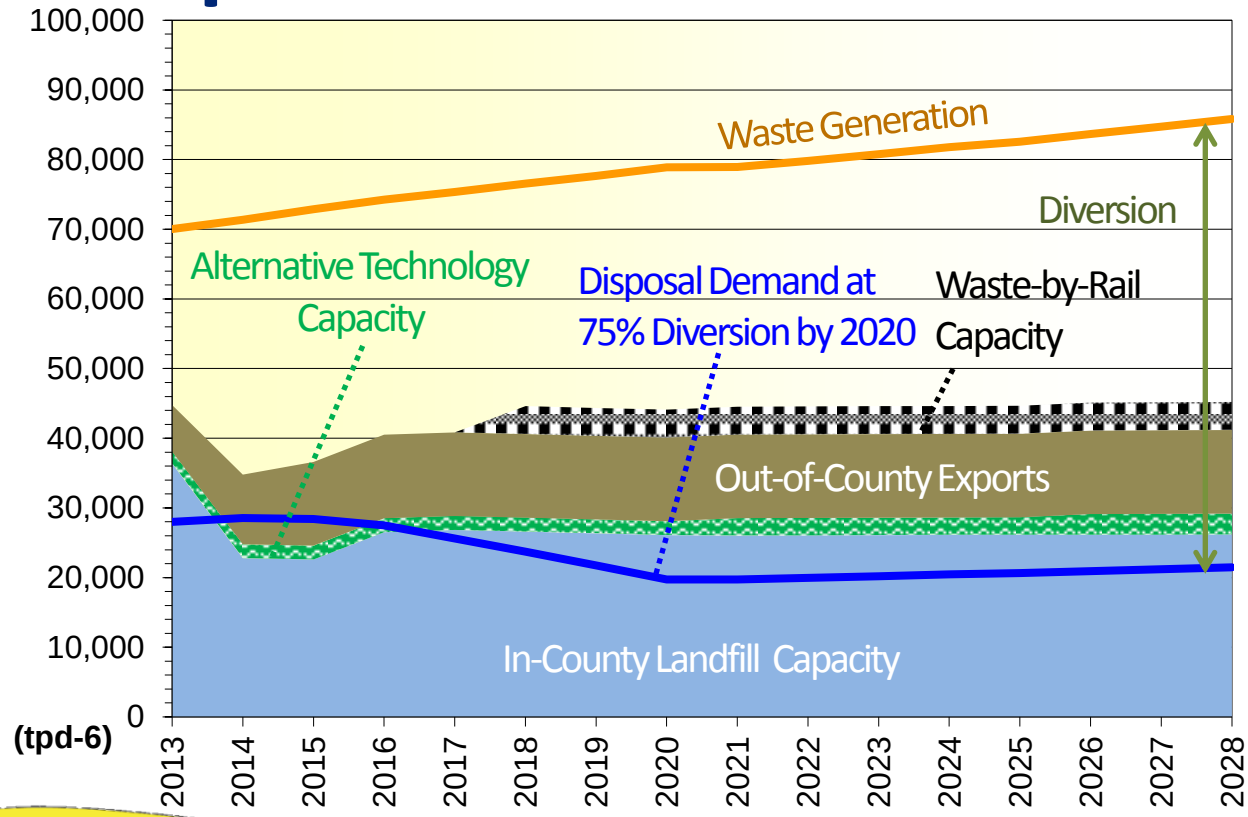
- Assumes 75 percent diversion rate by 2020
- No increases in out-of-County exports
- No conversion technology facilities (only waste-to-energy) or equivalent alternative technology capacity

Scenario III – Meeting CalRecycle's Statewide Disposal Target of 2.7 PPD



- Assumes 79 percent diversion rate by 2020
- No increases in out-of-County exports
- No conversion technology facilities (only waste-to-energy) or equivalent alternative technology capacity

Scenario VII – All Solid Waste Management Options Considered Become Available



- Assumes 75% diversion rate by 2020
- In-County landfill expansions
- Alternative technology capacity
- Increase in out-of-County capacity (including waste-by-rail)

***Disposal capacity would be adequate through a multi- faceted approach**

Conclusion

Expand transfer and processing infrastructure

Develop alternative technologies

Expand and enhance programs to maximize diversion

Expand existing landfills to the extent it is environmentally safe and technically feasible


Thank you.