



China's Ever-Shrinking Market for U.S. Discards

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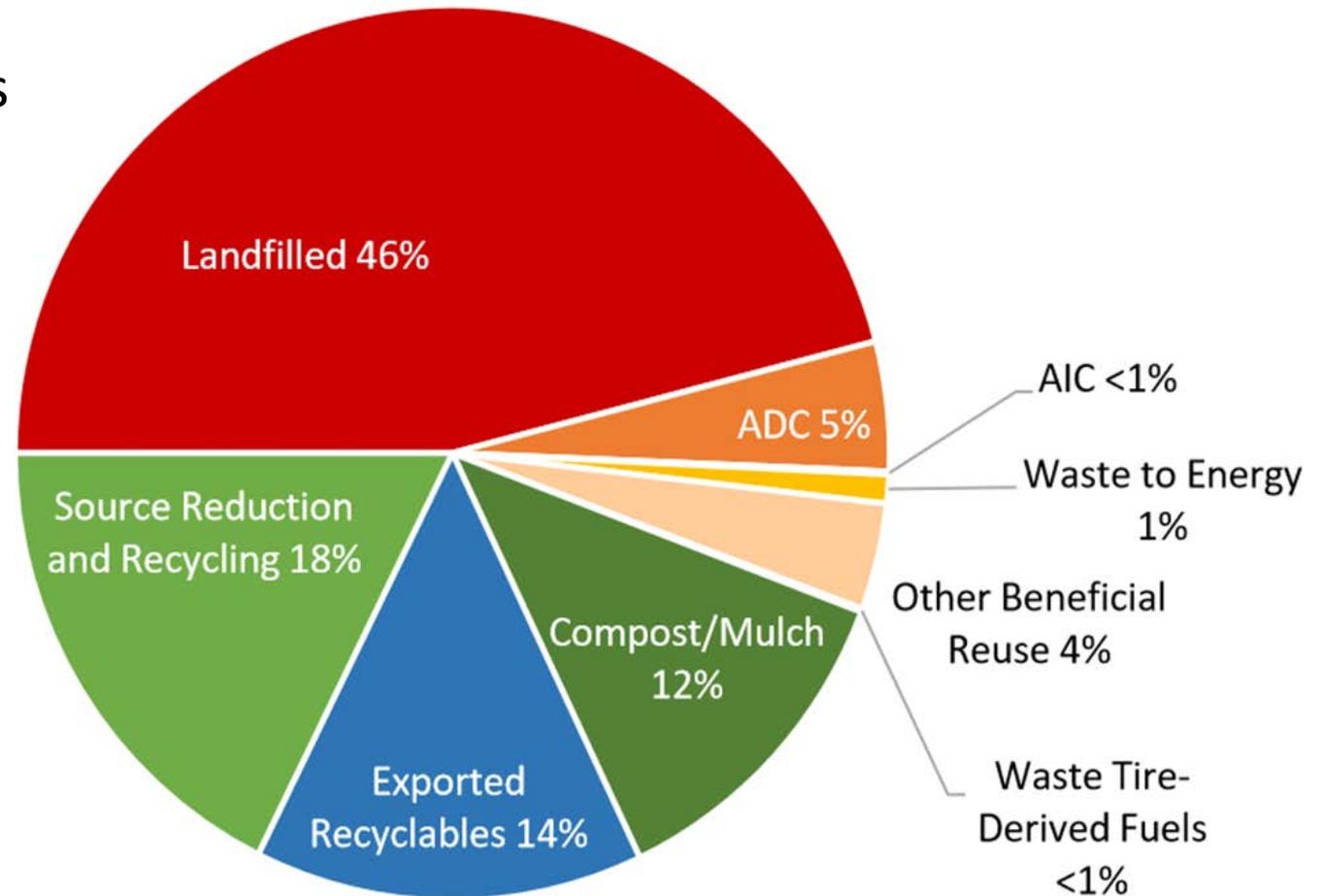
CalRecycle

12-5-2017

2016 State of Disposal and Recycling

Californians generated 76 million tons of waste materials

- 43 million tons were disposed
- 34 million tons were source reduced, recycled, or composted
- Approximately 1/3 recycled materials exported



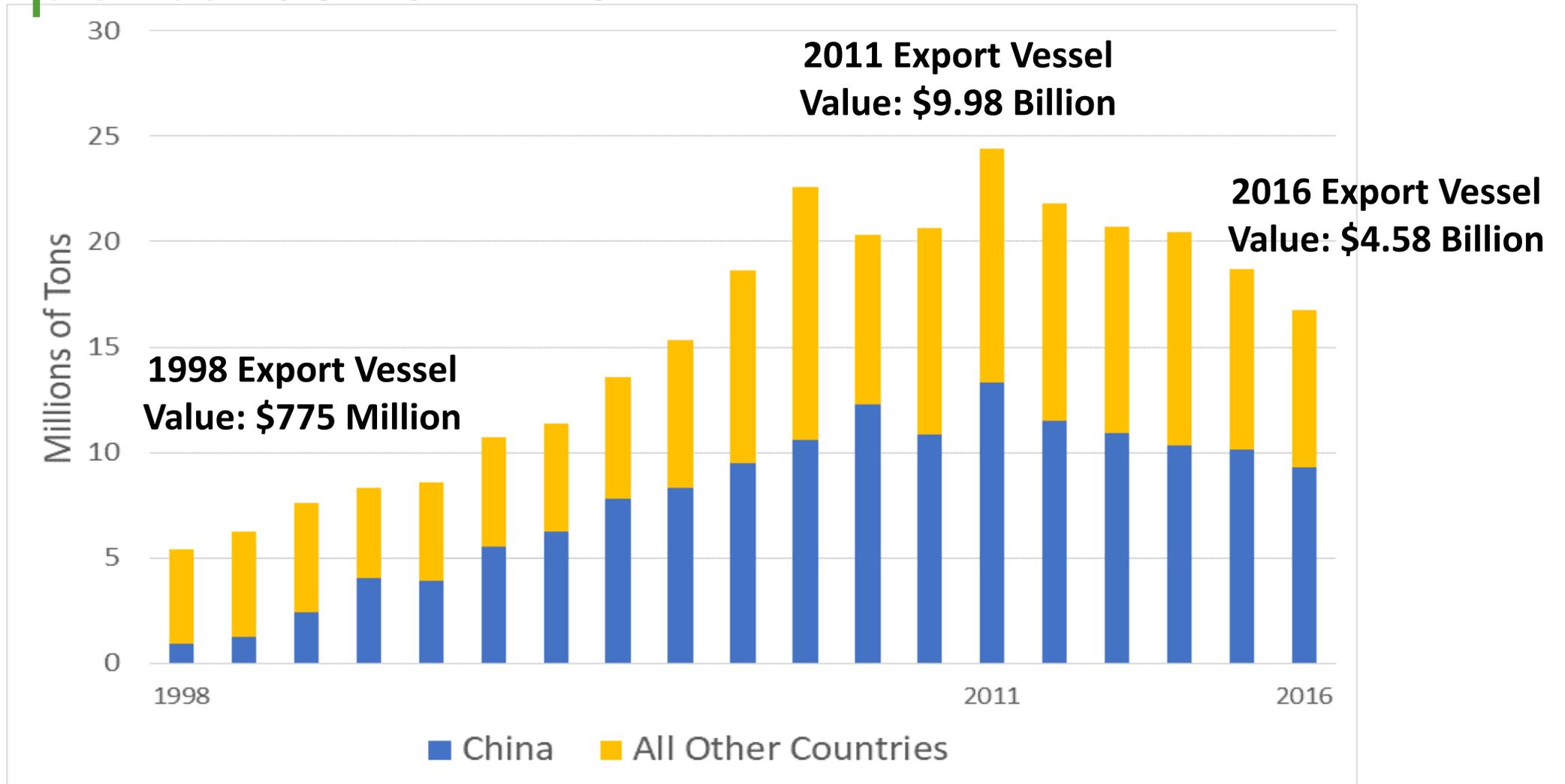
Exports

One quarter of all exports from California seaports are recyclable commodities

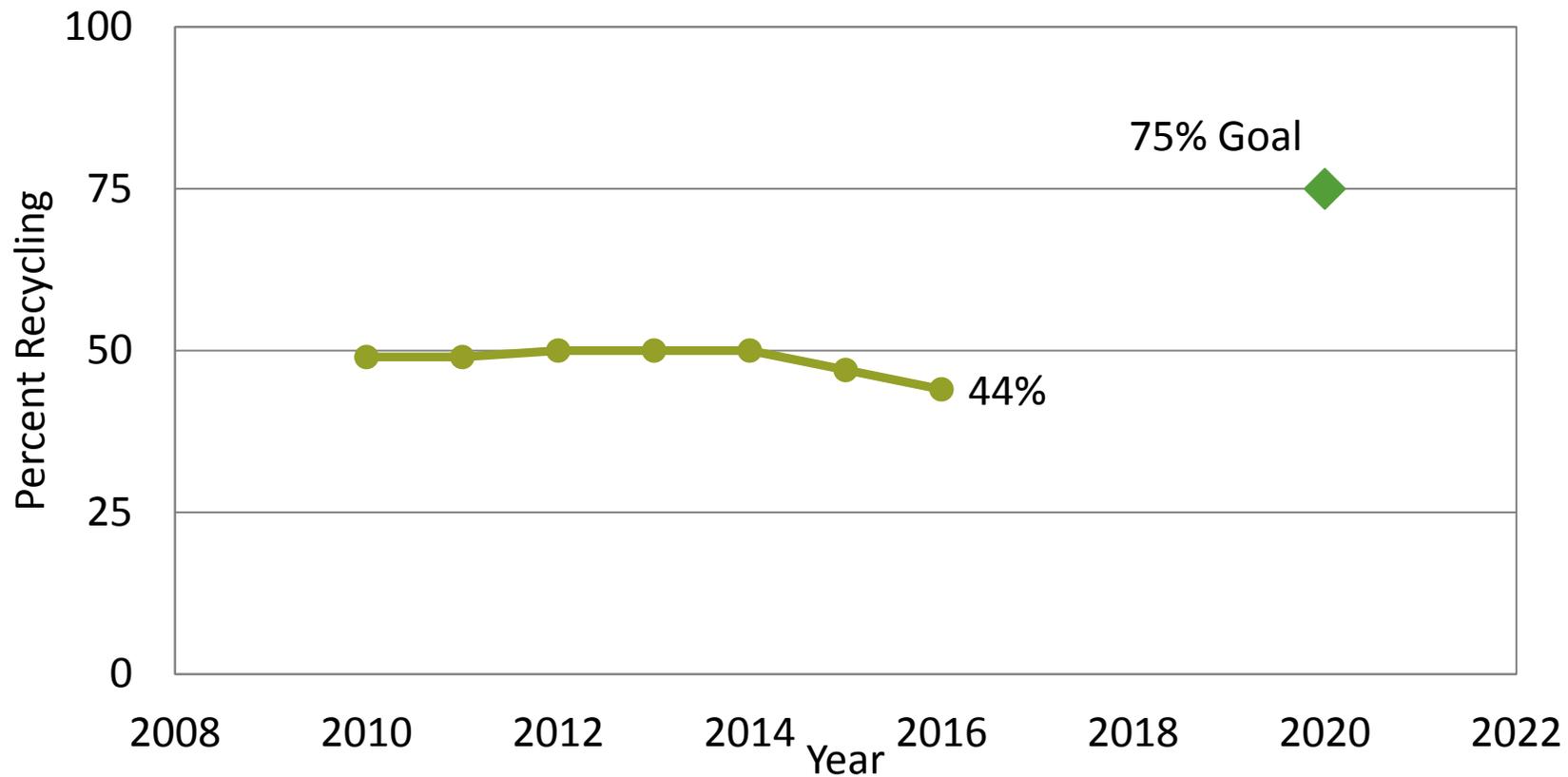
- In 2016:
 - 15 million tons
 - Vessel value 4.6 billion



Exports to China

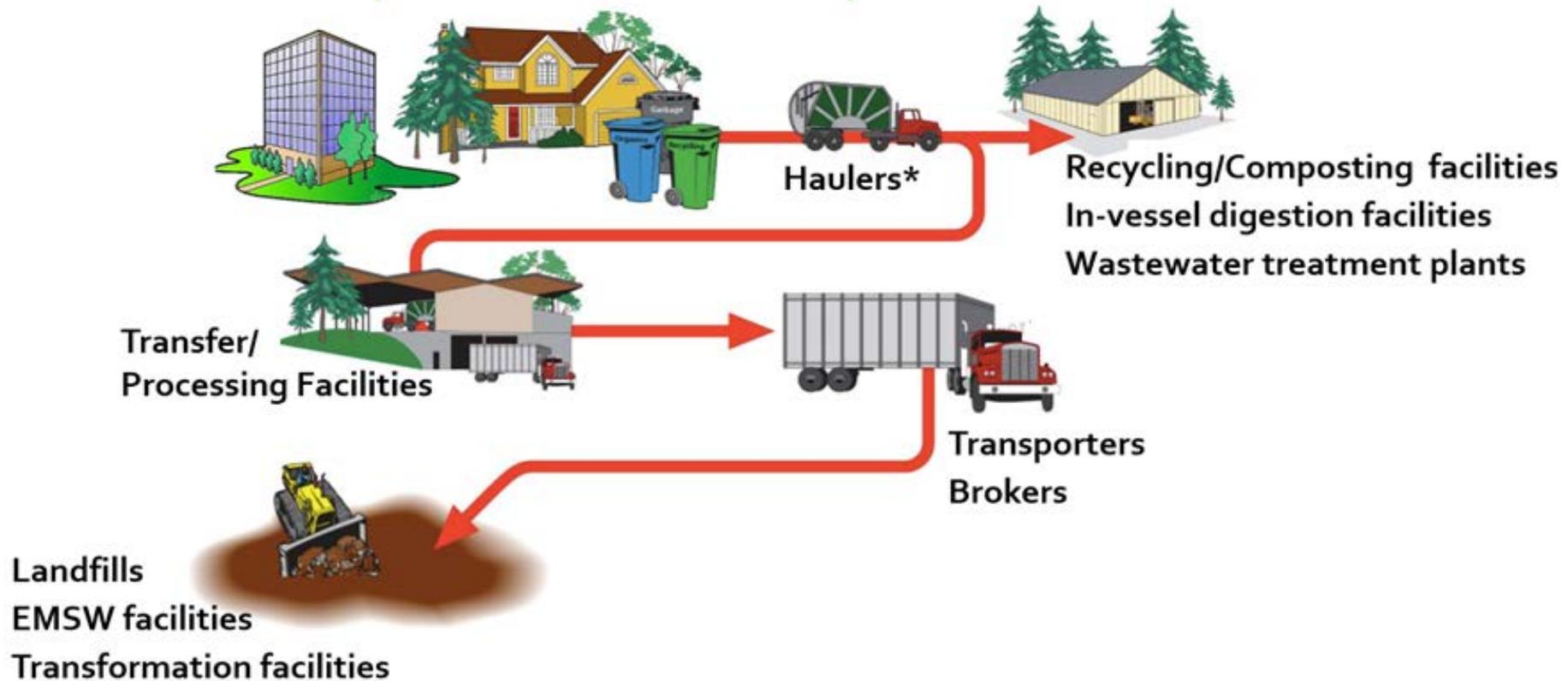


California State Goal: 75% by 2020

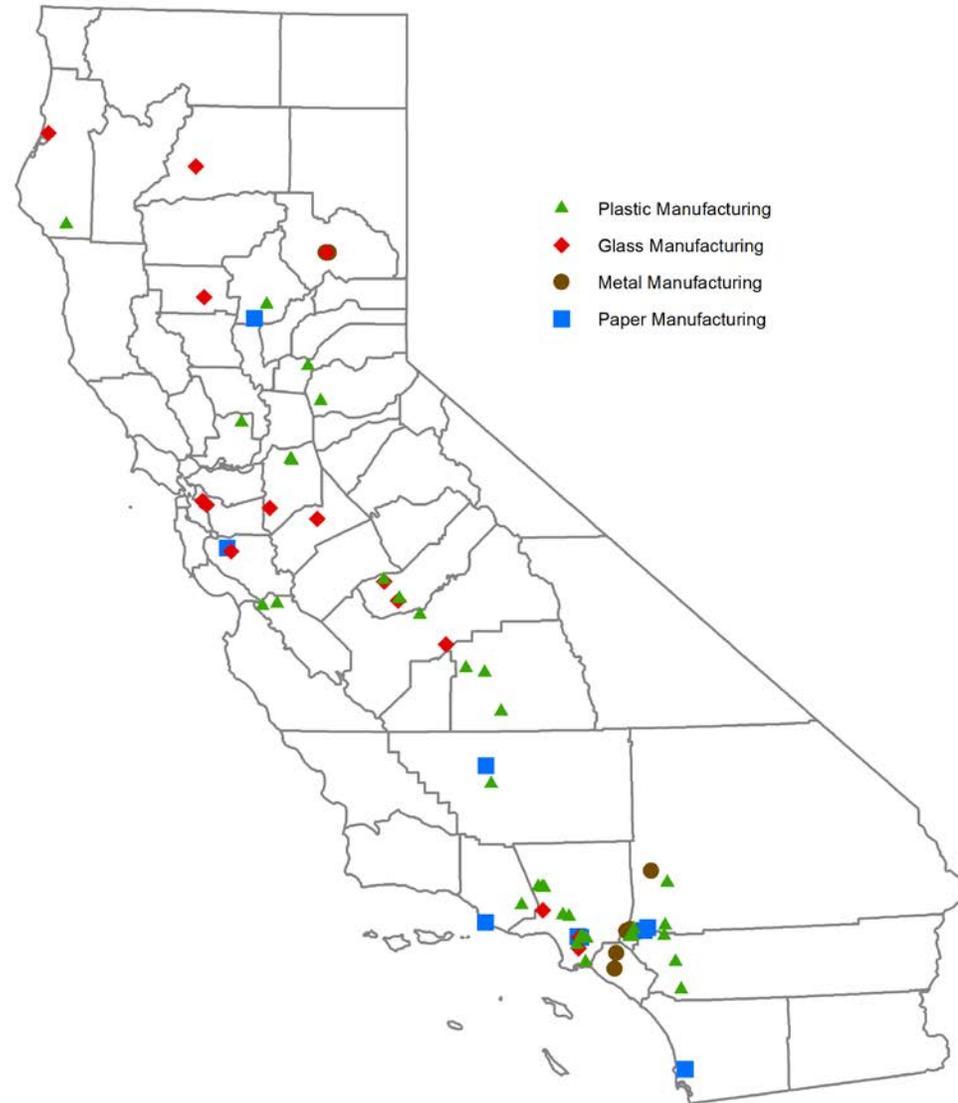


California Assembly Bill 901

Who Reports to CalRecycle?



Manufacturers



<http://www.calrecycle.ca.gov/swfacilities/permitting/Guidance/default.htm>



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Permit Toolbox

LEA Guidance: Additional Storage of Recycled Materials at Solid Waste Facilities

The recycling markets and the movement of recycled commodities around the globe can be affected by economic downturns and implementation of more stringent quality control measures related to contamination (unrecyclable materials) in recycled materials. Increased quality control has resulted in containers of recycled materials at foreign docks being rejected and returned or brokers rejecting the recycled (baled) materials prior to export due to poor quality (too much contamination). This can have a direct impact on solid waste facilities and their ability to move what were previously considered acceptable recycled materials off site to markets, resulting in an increasing need to store more processed material on site for longer periods of time in order for operators to reprocess materials and remove contaminants and/or to work with brokers on the quality standards of the various recycled materials.

What can be done to address the potential need to store recycled materials for longer timeframes at a solid waste site? The following are some strategies and tools to help local enforcement agencies (LEA) and facility operators address the situation and reduce compliance issues.



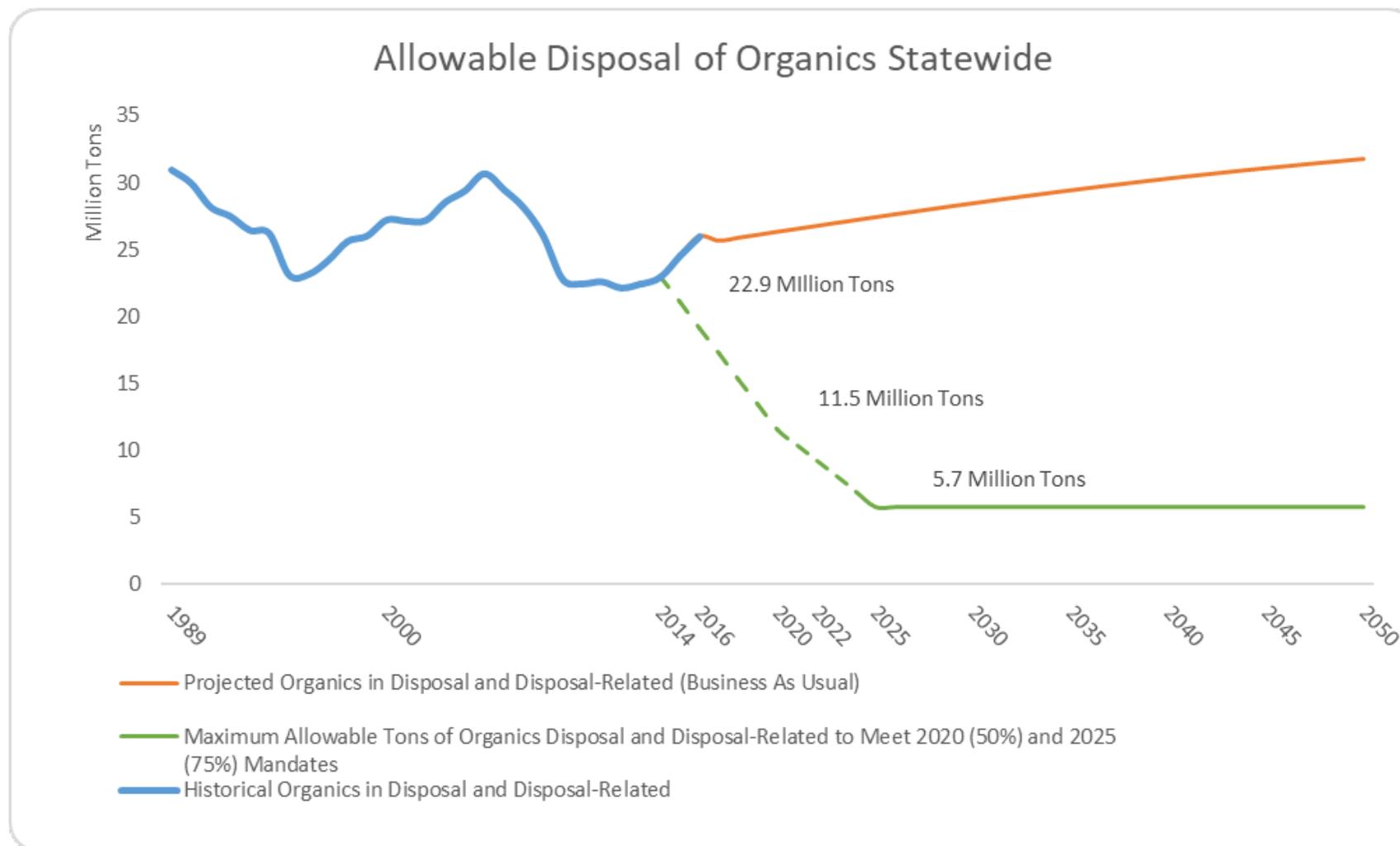
Stakeholder Recommendations

- State Investment
- Economic Development Assistance
- Education and Outreach
- Procurement

CalRecycle's Initiatives – Packaging



CalRecycle's Initiatives – Organics Recycling



SB 1383

- 2020: 50% below 2014 Levels
- 2025: 75% below 2014 Levels

Looking Ahead

- Work together to:
 - Build and support domestic markets
 - Reduce contamination
 - Keep the dialogue going

Thank You

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