



Public Works
LOS ANGELES COUNTY



Roadmap to a Sustainable Waste Management Future

December 5, 2019

Agenda

Thursday, December 5, 2019

9:00 A.M. – 10:30 A.M.

- 1. Welcome**
- 2. Introductions**
- 3. Roadmap Background and Accomplishments**
- 4. Legislative and Market Changes**
- 5. Roadmap 2020 Schedule**
- 6. Future Meetings**
- 7. Dot Democracy Discussion**
- 8. Closing Remarks**

Roadmap To A Sustainable Waste Management Future



Roadmap Accomplishments Regional/Countywide

- **Organics Management Plan**
- **Public Works Directors Summit**
- **Bring Your Own**
- **Outreach**
- **Mass Debris Management**
- **Legislation**

Roadmap Accomplishments County Unincorporated Communities

- **Food DROP**
- **Commercial Food Waste Collection**
- **Single-use Plastics**
- **Plastic Straw Ordinance**
- **Smart Business Recycling**

Roadmap Accomplishments County Operations

- **Departmental Recycling Program**
- **Facility Ancillary Services Master Agreement**
- **Commercial and Institutional Recycling Program**
- **Scrape Your Plate**

Legislative and Market Changes

Plastics

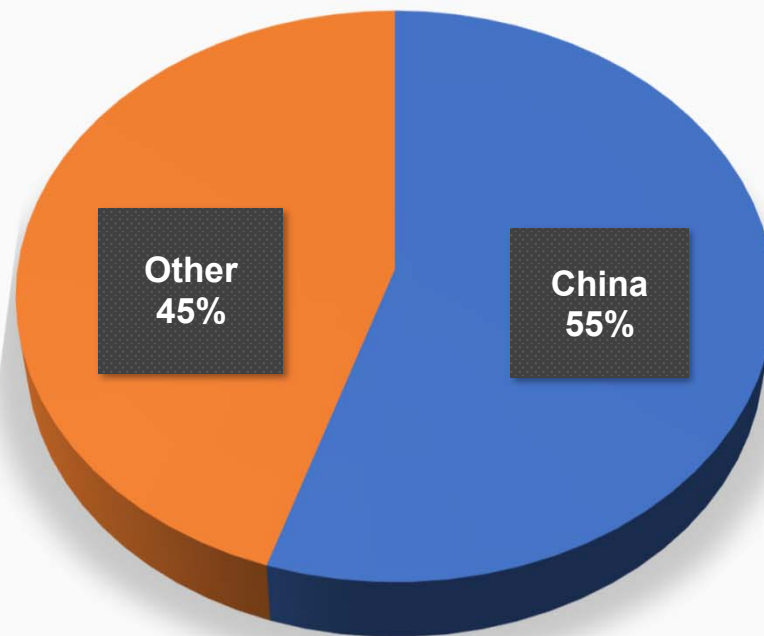


Organics



Exporting Recyclables

California's Recyclable Exports
14.6 million tons in 2017



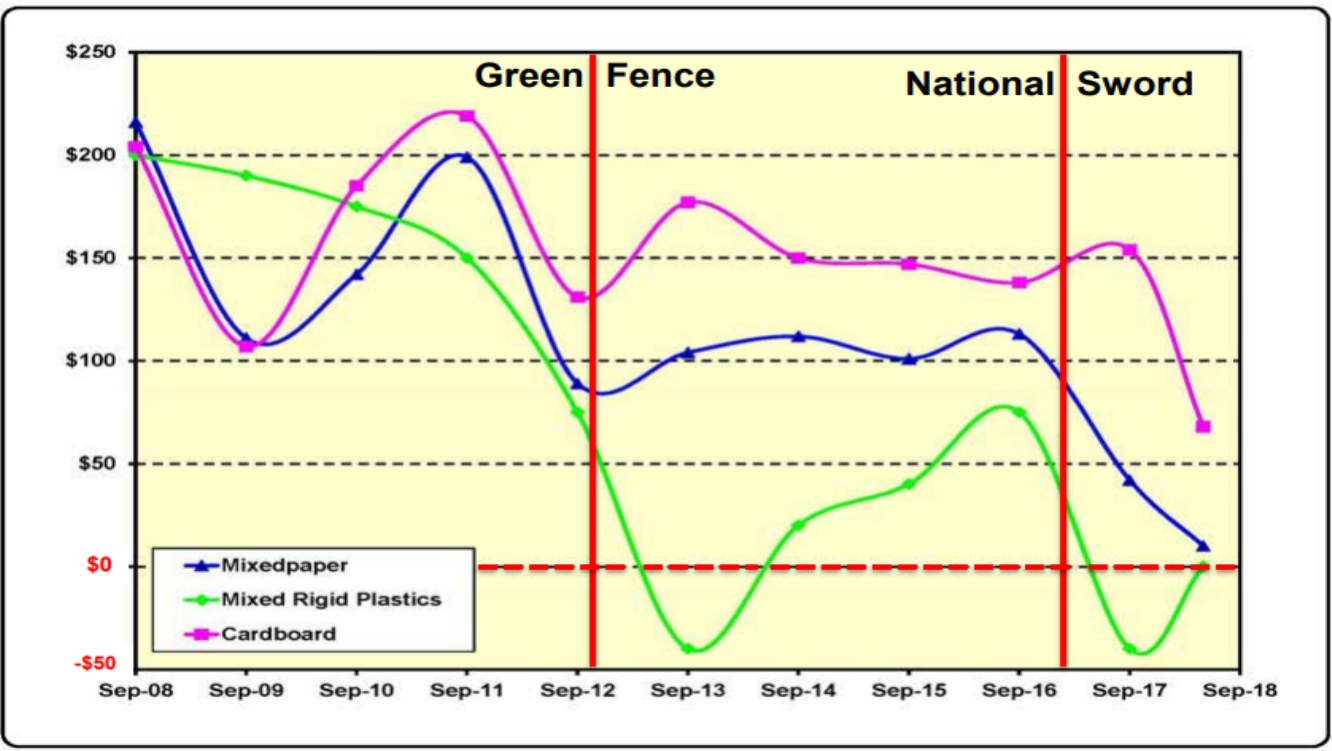
China National Sword Policy

- Announced in 2017 took effect 2018
- Restricts imports of recyclable materials
- Set strict contamination limit (0.5%)
- Plastic scrap imports to China down 99% in 2018, recovered fiber down 34%
- Additional Southeast Asian countries raise quality standards or ban imports



Impacts of China National Sword on Markets

COMMODITY PRICES (\$/ton)



Solutions to Declining Markets

- States and jurisdictions must find new outlets to manage their recyclables, such as incentivizing local remanufacturing infrastructure.
- An increasing number of jurisdictions are passing ordinances restricting single-use items such as food service ware and/or certain commonly littered plastics.



Senate Bill 1383 (2016)

- Short-lived climate pollutant strategy to reduce **methane emissions by 40%**
- Regulations to achieve the following **organic waste landfill disposal reduction targets**:
 - 2020 - 50% reduction in statewide disposal of organic waste
 - 2025 – 75% reduction in statewide disposal of organic waste
 - 2025 – 20% of edible food that is currently disposed recovered for human consumption



What is Organic Waste?



Overview of Regulations (Effective Jan. 1, 2022)

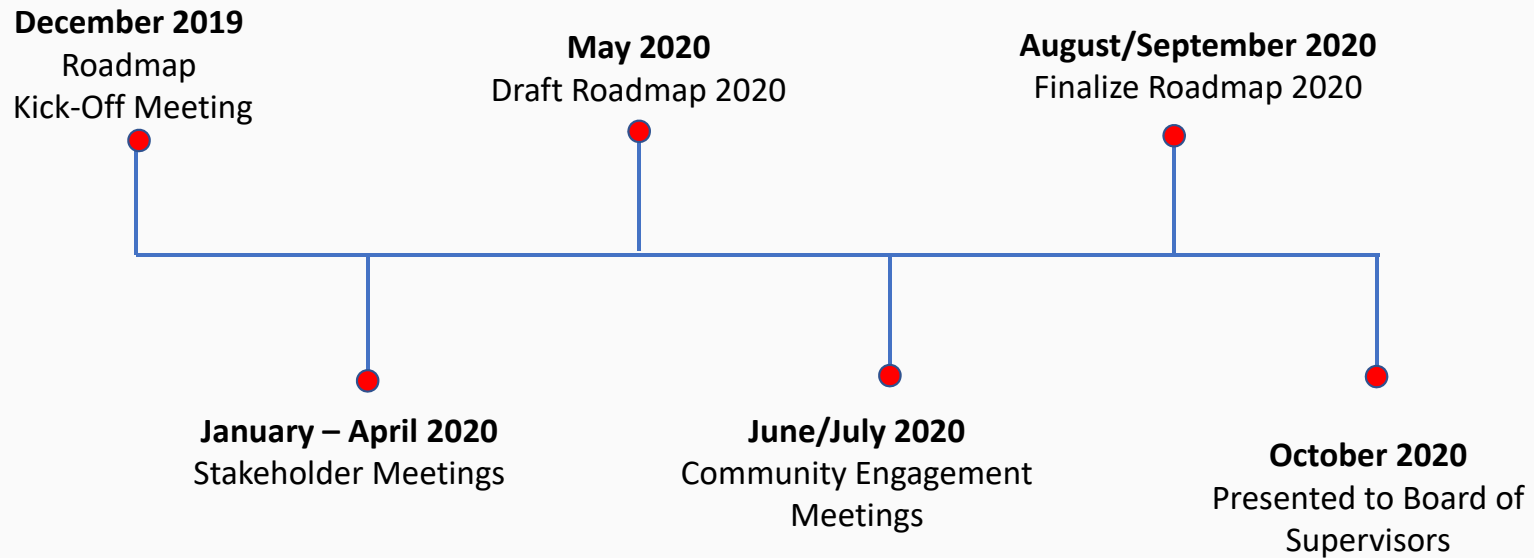
- Provide **mandatory organic waste collection services** for all generators
- Implement **edible food recovery program** for large commercial food generators
- Provide **outreach and education** to all stakeholders
- Conduct **capacity planning** for organic waste recycling infrastructure
- Adopt **ordinances** to require compliance
- Impose **mandatory minimum penalties** for non-compliance
- Procure **recovered organic waste products**, such as compost, fuel, etc.

Organic Waste Recycling Infrastructure

- Lack of Organics Recycling Infrastructure
- 2 to 3.5 million tons per year of additional capacity needed
- Capital investment of \$0.5 to 1 Billion Countywide



Roadmap 2020 Schedule



Dot Democracy

- Education and Outreach
- Illegal Dumping
- Markets for Recyclables
- Organics
- Policy and Legislation
- Problematic Waste Streams
- Recycling
- Reporting to CalRecycle



Thank You



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