



City of Los Angeles



LA Sanitation

Solid Waste Integrated Resources Plan

(SWIRP) update

PRESENTED AT THE ENERGY & ENVIRONMENT COMMITTEE

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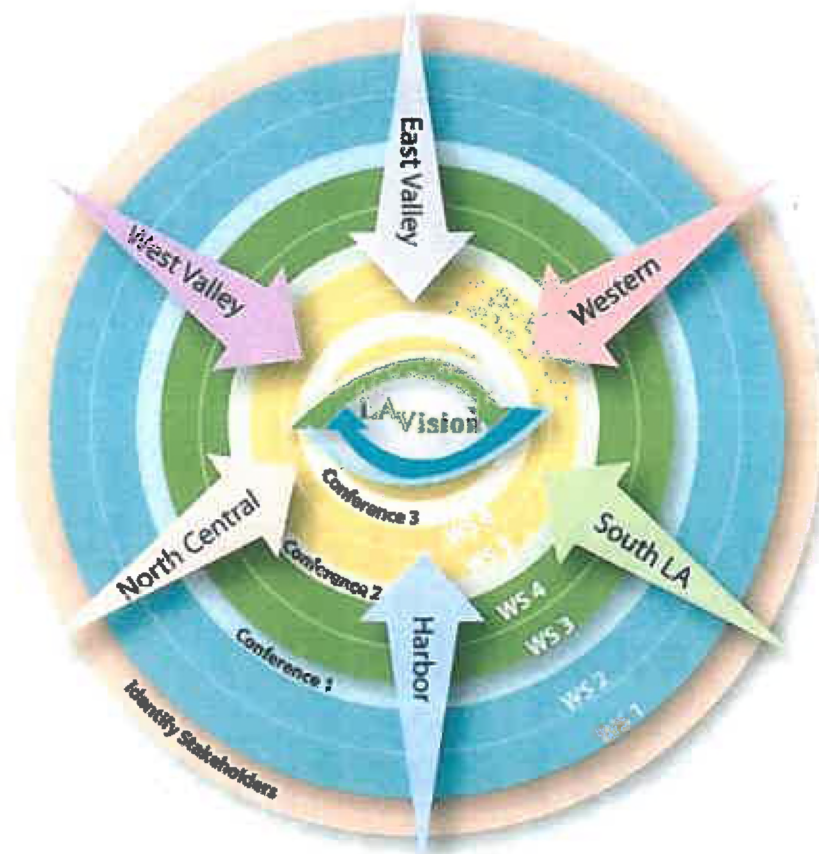
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# SWIRP

## Stakeholder Driven Consensus Building Process



# Zero Waste Plan

## Stakeholder Guiding Principles

1. Education to decrease consumption
2. City leadership as a model for zero waste practices
3. Education to increase recycling
4. City leadership to increase recycling
5. Manufacturer responsibility
6. Consumer responsibility
7. Convenience
8. Incentives
9. New, safe, technology
10. Protect public health and the environment
11. Equity
12. Economic efficiency





# Zero Waste Plan Elements

- **Expansion of existing residential and commercial recycling programs**
- **Implementation of new downstream policies and programs**
- **Implementation of mandatory participation programs**
- **Adoption of upstream policies**
- **Development of processing facilities**
- **Disposal of remaining residual waste at local or remote landfills**



# Policy, Program and Facility Needs

Goal Year	
2025	2030
Percent Diverted from Landfills	
90%	97%
Continue existing and new mandatory programs	Continue existing and new mandatory programs
Continue upstream advocacy	Continue upstream advocacy
Additional recycling infrastructure	Additional recycling infrastructure
Additional composting /AD facilities	
Additional black bin processing facility	Additional black bin processing facilities



# Greenhouse Gas Emissions Reductions and Green Jobs

- SWIRP greenhouse gas reduction – 2.6 million metric tons<sup>1</sup> of carbon dioxide equivalent or equivalent to approximately 430,000 passenger vehicles removed from the road
- 4,000 new green jobs<sup>2</sup>

<sup>1</sup> Calculated based on US EPA Waste Reduction Model (August 2008 version) in metric tons of carbon dioxide equivalent

<sup>2</sup> Source: Institute of Local Self-Reliance



# Program EIR

- Prepared for a series of actions that can be characterized as one large project
- Analysis was programmatic in nature
- Additional site specific CEQA analysis required as facilities are being developed.



# STATE REGULATIONS DEVELOPED AFTER SWIRP

- **SB 32** – Requires California to reduce greenhouse gas emissions by 40% below 1990 levels by 2030. The mayor sustainability pLAn calls to reduce greenhouse gas emissions by 45% below 1990 baseline levels.
- **AB341** - Establish a 75% recycling requirement Statewide; requires commercial businesses with over 4 cubic yards of solid waste collection, and multifamily dwelling over 5 units, to subscribe to a recycling program.
- **AB1826**-Requires commercial businesses that generate a specified amount of organic waste to subscribe to an organics recycling service; requires jurisdictions to implement an organic waste recycling program.
- **SB1383**- Short Lived Climate Pollutants; establishes a Statewide goal of 50% of organics diverted from landfill disposal by 2020; 75% by 2025. Further goals 25% of edible food diverted from disposal/recycling.

Regulations in development



# **SWIRP PROGRAMS BEING IMPLEMENTED**

- **LA City Council Single-use Plastic Bag ban.**
- **Exclusive Commercial Franchise Program.**
- **Mattress Recycling Program.**
- **Citywide Tire Recycling Program.**
- **Carton and Tetra Pak recycling.**
- **Partnership between LASAN & LAX to transform food waste into biogas.**
- **Residential Food Scrap In-Sink Program diverts food waste from landfill to AD at Hyperion to produce electricity.**
- **Conversion of comingled Green Waste and Food Waste into compost and biogas.**



**THANK YOU!!**

