



ROADMAP FOR A SUSTAINABLE SOLID WASTE MANAGEMENT FUTURE



10/22/2015

Environmental Programs Division
Los Angeles County Department of Public Works

County Operations Subcommittee Meeting Agenda

2

Thursday, October 22, 2015
9:00 A.M. – 10:15 A.M.

Welcome	(5 min)
Recap Previous Meeting	(5 min)
Trash and Recycling Service at County Departments Strategy 1-Initiative A; Strategy 2 – Initiative B and C	(15 min)
Waste Assessments at County Facilities Strategy 2-Initiative A	(15 min)
Surplus Program/LACoMAX Presentation & Discussion Strategy 1-Initiative A; Also CUC Strategy 1-Initiative A	(15 min)
Open Discussion and Next Steps	(10 min)

Trash and Recycling Service at County Departments



Trash and Recycling Service at County Departments

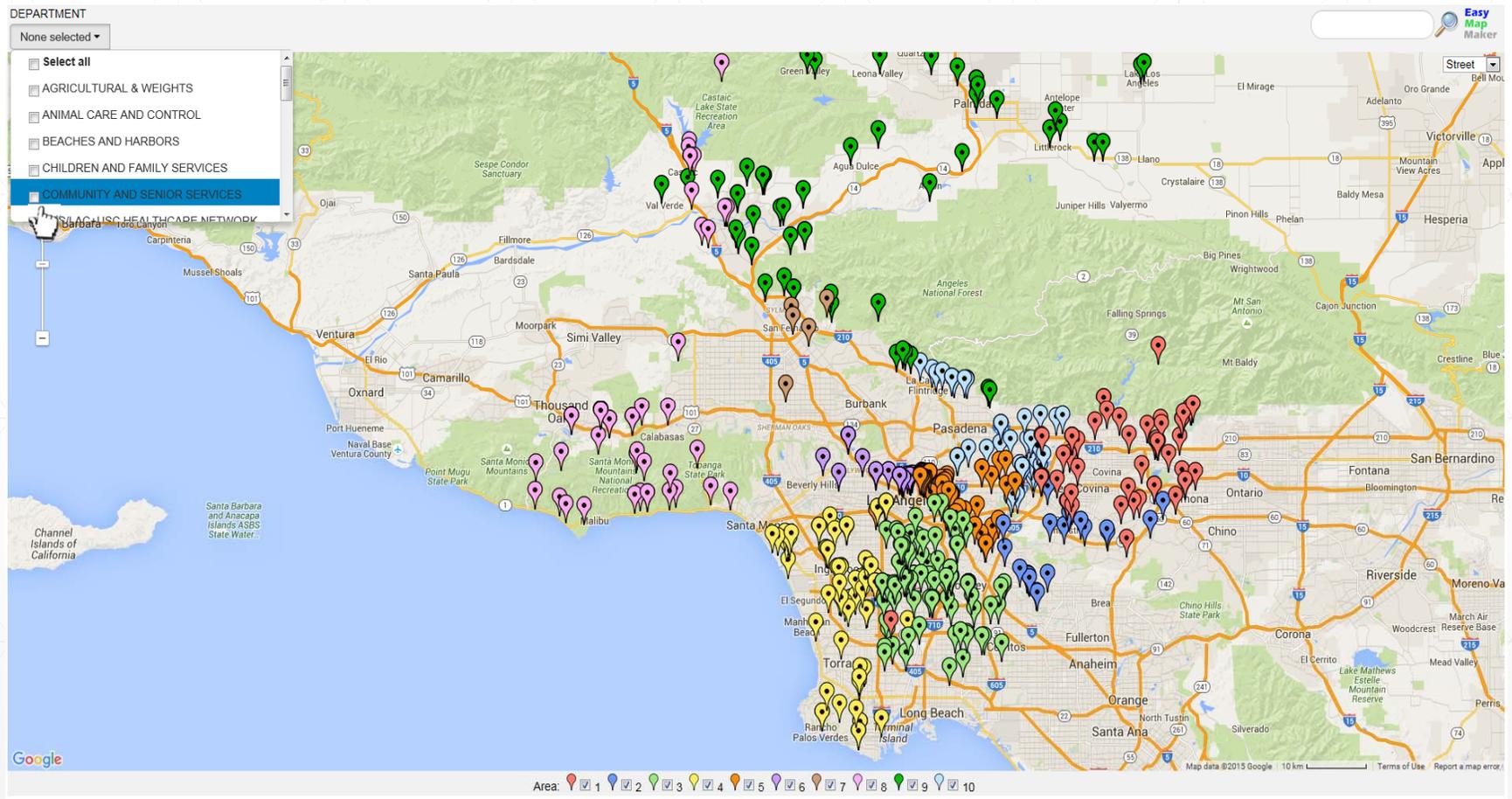
DEPARTMENT	Total
FIRE DEPARTMENT	160
PARKS AND RECREATION	86
DHS/LAC+USC HEALTHCARE NETWORK	77
PUBLIC LIBRARY	65
SHERIFF	59
PUBLIC WORKS	38
INTERNAL SERVICES	20
RANCHO LOS AMIGOS MEDICAL CENTER	12
BEACHES AND HARBORS	10
PUBLIC HEALTH	10
PROBATION	10
HEALTH SERVICES	9
PROBATION (CAMPS)	9

DEPARTMENT	Total
ANIMAL CARE AND CONTROL	6
NATURAL HISTORY	5
PROBATION (HEADQUARTERS)	4
AGRICULTURAL & WEIGHTS	4
PROBATION (JUVENILE HALL)	3
COMMUNITY AND SENIOR SERVICES	3
CHILDREN AND FAMILY SERVICES	2
SUPERIOR COURT	1
DISTRICT ATTORNEY	1
HARBOR-UCLA MEDICAL CENTER	1
HIGH DESERT	1
Grand Total	596

Trash and Recycling Service at County Departments

Here is a link to the map of facilities organized by area and department:

<http://www.easymapmaker.com/map/54f26fdb514af7fcb3a5b7327b11653>



Waste Assessments at County Facilities: Department of Health Services

Existing service levels:

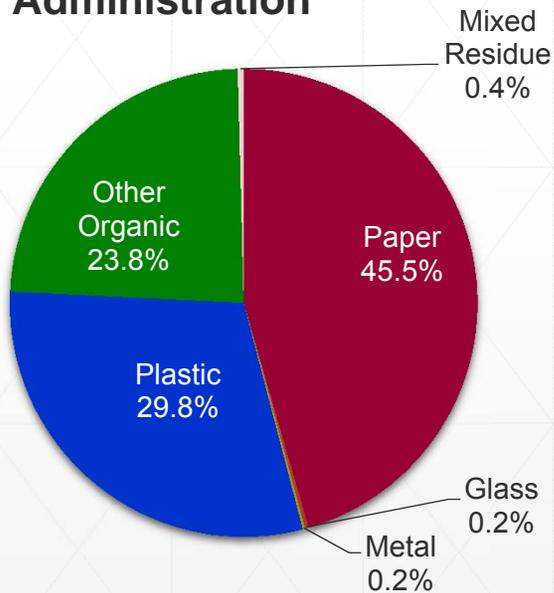
- Waste: (6) 3-cubic yard bins, collected 5 days/week
- Recycling (paper): (2) 3-cy bins, collected 1 day/week
- Batteries: 2 boxes (paper ream size), 1-2 times/year



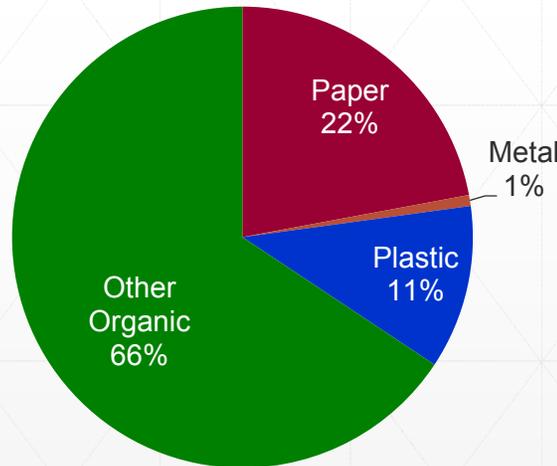
Waste Assessments at County Facilities: Department of Health Services

- October 2015 Waste Audit
- Characterized waste streams from Administrative Offices and Cafeteria

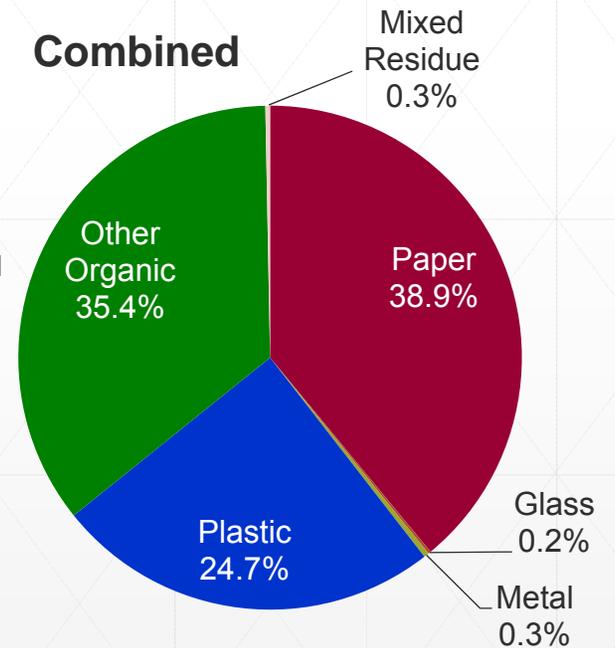
Administration



Cafeteria



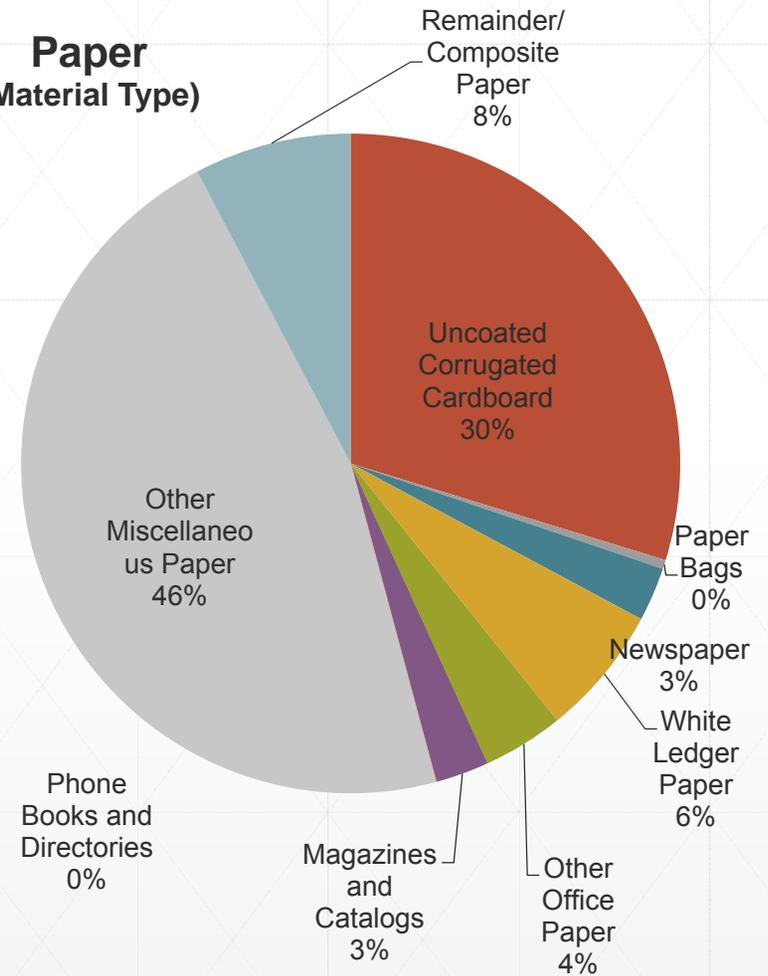
Combined



Department of Health Services Waste Audit: Administrative Building MSW

WASTE CHARACTERIZATION DATA COLLECTION FORM				
Location:	Health Services			
Sample #:	1	Location:	Lower Parking Lot	
Date:	10/08/2015	Time of sample:	9:00am	
Type:	Administration; MSW	Last Pickup:	10/7/15; 6 am	
Material Category	Material Type	WEIGHT (lbs)		
		Net	Material Type %	Category %
Paper	Uncoated Corrugated Cardboard	18.4	13.5%	45.5%
	Paper Bags	0.34	0.2%	
	Newspaper	1.66	1.2%	
	White Ledger Paper	3.9	2.9%	
	Other Office Paper	2.5	1.8%	
	Magazines and Catalogs	1.6	1.2%	
	Phone Books and Directories	0	0.0%	
	Other Miscellaneous Paper	1.02	0.7%	
		27.88	20.4%	
	R/C Paper	4.76	3.5%	
Organics	Food	32.46	23.8%	23.8%

**Paper
(Material Type)**



Administrative Building Waste



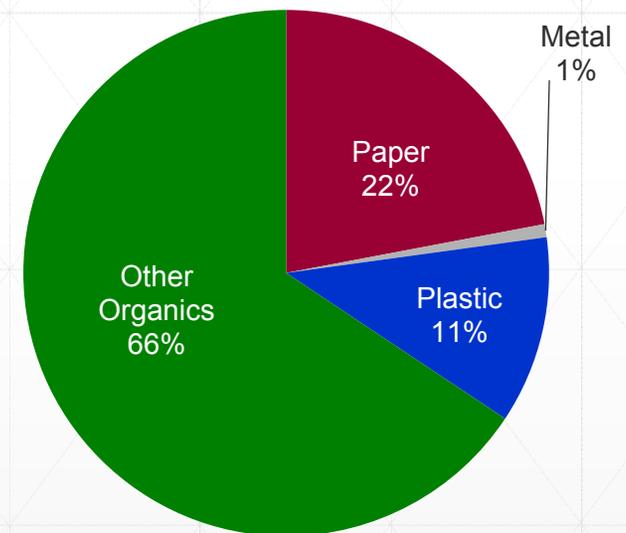
Administrative Building Waste



Department of Health Services Waste Audit: Cafeteria MSW

WASTE CHARACTERIZATION DATA COLLECTION FORM				
Location:	Health Services			
Sample #:	2	Location:	Lower Parking Lot	
Date:	10/08/2015	Time of sample:	9:00am	
Type:	Cafeteria; MSW		Last Pickup:	10/7/15; 6 am
Material Category	Material Type	WEIGHT (lbs)		
		Net	Material Type %	Category %
Paper	R/C Paper – Compostable	7.42	14.1%	22%
	R/C Paper - Other	2.88	5.5%	
Metal	Aluminum Cans - CRV	0.04	0.1%	0.8%
	Other – Non-Ferrous	0.1	0.2%	
Plastic	PETE Containers	0.94	1.7%	11.5%
	HDPE Containers	0.5	0.9%	
	Plastic Trash Bags	1.36	2.6%	
	Other Film	2.06	3.9%	
	R/C Plastic	1.18	2.2%	
Other Organics	Food	34.62	65.6%	65.6%
TOTAL		52.7	100%	100%

Cafeteria
(Breakdown by Material Type)



Cafeteria Waste



Discussion

- What types of programs or policies might help eliminate these types of waste at County facilities?



County of Los Angeles

Surplus & Donations Program



Purchasing & Contract Services Internal Services Department

Jim Jones, Director

Topics

- Introduction to Surplus Property Program and it's Services in Los Angeles County
- Circulation of Surplus
- Sale of Surplus Property
- Donation Agencies

INTRODUCTION TO SURPLUS PROPERTY PROGRAM

Background

- Remember ISD's Surplus Warehouse?
- Decentralized in 1997
- LA County Intranet

TRANSFER OF SURPLUS AND EQUIPMENT

- Surplus Website, a County INTRAnet Warehouse
- For Sale; Equipment, Auction Companies Or For Sale Bids
- Donations, Board Approved Agencies

TRANSFER OF SURPLUS AND EQUIPMENT

Surplus Acquisition Process

- Posting Surplus Equipment via INTRAnet and all Coordinators receive an email
- Contact is made and transfer is prepared.
- Proper approval and signatures utilizing (635 form; Authority to Dispose of form.)

SALE OF SURPLUS

Departmental Surplus Coordinator Authority

- **DSPC and Management**
- **Resale value, best dollar return for the department**
- **How will it be sold**
- **Any and all County Sale items must be followed up by the proper forms needed for tracking.**

DONATION OF SURPLUS EQUIPMENT

- Board Authorized Donation
- Posting a donation on the Surplus Website
- Donation agencies receive email blast
- Once the donation is accepted
- Centralized pick up area

UNCLAIMED OR ABANDONED PERSONAL PROPERTY

- **What is Personal Property**
- **What to do, who to call**
- **Where does it go**
- **County's General Fund**

REMEMBER BEFORE YOU ORDER NEW EQUIPMENT

ASK YOUR Surplus Coordinator

- To identify your Departmental Surplus Coordinator log onto: <http://countysurplus.co.la.ca.us/scripts/surindex.cfm>
- SHOP/CHECK the Surplus Website
- Send out group e-mail

SCRAP METAL – WOOD PALLETS – ALKALINE BATTERIES - PAINT

These are only some of the other items that come across the Surplus Counter

Badges & Identification cards

County Badges and Identification Cards must be destroyed beyond recognition or sent to ISD Surplus Program Mgr.

Conclusion of Presentation



Any Questions?



LACoMAX

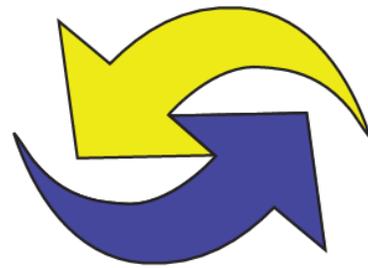
LOS ANGELES COUNTY MATERIALS EXCHANGE

October 22, 2015

LACoMAX.com

▶ Background:

- State passes **California Integrated Waste Management Act of 1989 (AB 939)**, mandates all jurisdictions to reduce the amount of solid waste sent to landfills by 50% by the year 2000
- Growing number of consumer electronics goods being released and becoming obsolete, creating a surplus of unwanted “e-waste”
- To meet AB 939 diversion requirements, the Los Angeles County Materials Exchange was developed and launched in 1998



Don't Throw It. Post It.

LACoMAX

www.LACoMAX.com

LACoMAX.com

- ▶ How LACoMAX.com Works:
 - LACoMAX.com is a free service provided by the Los Angeles County Department of Public Works
 - Users can freely browse or post listings of a wide variety of available and wanted materials
 - Users can contact the listing party directly to make arrangements for an exchange
 - All listings are reviewed and approved by EPD staff prior to posting

LACoMAX.com

- Listings include:
 - Furniture
 - Electronics
 - Household goods
 - Wood pallets
 - Textiles
 - Unused paint
 - Construction material and equipment

- Also has a page for advertising estate/garage/yard sales



LACoMAX.com

Department of Public Works
dpw.lacounty.gov

All Categories search for LACoMAX postings GO
Advanced Search

HOME BROWSE LISTINGS POST ITEM REUSE REALM MY LACoMAX QUICK LINKS HELP

LACoMAX
Los Angeles County Materials Exchange
Post goods. Find goods. Feel good.

eNotify Clean LA

CONSTRUCTION CONTAINERS DURABLE GOODS ELECTRONICS

Announcements
LACoMAX on CNN Headline News (HLN) Watch Pat Proano, Assistant Deputy Director of Environmental Programs Division with the County of Los Angeles Department of Public Works, talk about Clean LA and LACoMAX on Charter Local Edition on CNN Headline News Channel in Southern California. For more information, please click [here](#).
→ [Read all announcements](#)

Testimonials
"Great web site to exchange good usable items that would otherwise go into a landfill."
Dave
→ [Read all testimonials](#)

■ Get Email Notification about the Los Angeles County Materials Exchange. Please click [here](#) to register.

Managed by the County of Los Angeles Department of Public Works, Environmental Programs Division
Toll Free Phone Number: 1(888) CLEAN LA
[Clean LA Home](#) | [Clean LA FAQ](#) | [About Clean LA](#) | [Clean LA Site Index](#) | [Contact Clean LA](#)

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www.LACoMAX.com

LACoMAX.com

- Annual Spring Cleaning Event during Earth Month
- Newsletters
- Social Media
- Team up with County's Surplus Program



LACoMAX
LOS ANGELES COUNTY MATERIALS EXCHANGE

April 22, 2015
11:30 a.m.
HQ Courtyard

Spring Cleaning Event

Hey Public Works colleagues! It's **Earth Month**, a great time to start spring cleaning. Instead of tossing your unwanted goods in the trash, list them on LACoMAX and give them a second chance. Each listing will give you an opportunity to win a prize. Your trash could be someone else's treasure. While you're on the site, browse and you may find your treasure!

See something you like? Arrange to make your exchange* at our LACoMAX exchange booth at Public Works' Earth Day Celebration on April 22, 2015 for an extra chance to win a prize.

www.LACoMAX.com

Earth Day 2015

*Only exchanges between Public Works employees can be made at the Earth Day Celebration. Items may not be left at booth.



Post Goods.

Find Goods.

Feel Good.

It's the kind of exchange everyone is looking for.

LACoMAX
LOS ANGELES COUNTY MATERIALS EXCHANGE

www.LACoMAX.com

LACoMAX.com



Discussion

County Unincorporated Communities Subcommittee Meeting Agenda

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Thursday, October 22, 2015
10:30 A.M. – 11:45 A.M.

Welcome	(5 min)
Recap Previous Meeting	(5 min)
Pharmaceuticals Extended Producer Responsibility Strategy 1-Initiative B; Also Regional Countywide Strategy 1-Initiative B; and County Operations Strategy 1-Initiative B	(10 min)
Waste Characterization Study Strategy 2-Initiative A	(10 min)
Eliminating Items from our Waste Stream Strategy 1-Initiative A and C	(15 min)
Promoting Reusable Items Strategy 1-Initiative A; Also County Operations Strategy 1-Initiative A	(15 min)
Open Discussion and Next Steps	(10 min)

Pharmaceuticals Extended Producer Responsibility Ordinance



Pharmaceuticals Extended Producer Responsibility Ordinance

- June 2, 2015 Board Motion
 - Investigate feasibility of adopting an EPR ordinance
- July 2, 2015 Report to the Board
 - Recommended the adoption of ordinance
- August 11, 2015 Board Motion
 - Directed the drafting of ordinance

Pharmaceuticals Extended Producer Responsibility Ordinance

- Stakeholder Engagement
 - Technical Advisory Group (TAG)
 - Pharmaceutical Industry
 - Sharps Industry
 - Pharmacies
 - Environmental Groups
 - Hospital Associations
 - Public Meetings

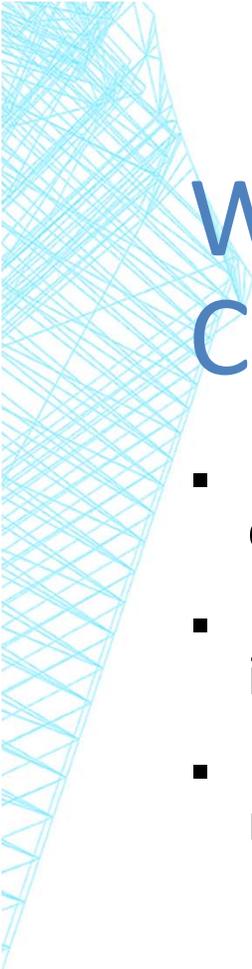
Pharmaceuticals Extended Producer Responsibility Ordinance

Questions?



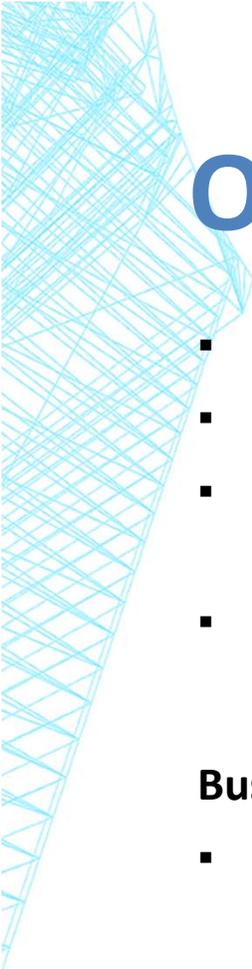
2014 STATEWIDE WASTE CHARACTERIZATION STUDY

Summary of CalRecycle's Presentation of Highlights and
Initial Results & 2014 Diversion and Disposal Rates



WHAT IS A WASTE CHARACTERIZATION STUDY?

- Determine what's placed in discard streams –disposal, recycling, composting
- Determine types and amounts of paper, food, glass, metal, etc. in each stream
- Field sampling and sorting of materials, and other field measurements
 - Once samples are taken from desired stream:
 - Sort materials
 - Record weights
 - Collect other data such as source of waste, volumes, etc.
 - Compile and analyze data
 - Report results



OVERVIEW: MAIN TASKS

- **Task 1: Disposal Facility-based Waste Characterization**
- **Task 2: Generator-based Characterization of Commercially Disposed Waste**
- **Task 3: Assess Overall Performance of Commercial Source Separation Systems using Generator Sampling**
- **Task 4: Collect Comprehensive Diversion Data from Business Groups (generator based)**

Business Participation

- Businesses were contacted by CalRecycle or its contractor, Cascadia Consulting Group, Inc. **Identities of all businesses that participated in this study are confidential.**

Disposal Facility Participation

- Disposal Facilities were randomly selected across California to participate in the study. Different facilities were selected for the Generator-based and the Disposal Facility Waste Characterization Study depending on the study demands and the facility operations.

PRE-FIELD WORK –BUSINESS GROUPS

- Select business groups based on Federal North American Industry Classification System (NAICS) Codes
 - Focus on business types that are major employers in CA
 - Group business types with similar waste streams (like office-type businesses)
 - Separate large organics generators
 - Group businesses that have smaller employment and atypical waste streams (like utilities, mining, pipeline transportation)

Arts, Entertainment & Recreation	Manufacturing - All Other	Services - Management, Admin., Support, Social
Durable Wholesale & Trucking	Medical/Health	Services - Professional, Technical, Financial
Education	Public Administration	Services - Repair and Personal
Hotels/Lodging	Restaurants	Not Elsewhere Classified
Manufacturing - Electronic Equipment	Retail Trade - Food & Beverage Stores	Multifamily
Manufacturing - Food; & Nondurable Wholesale	Retail Trade - All Other	

PRE-FIELD WORK – SAMPLING AREAS AND BUSINESS RECRUITMENT

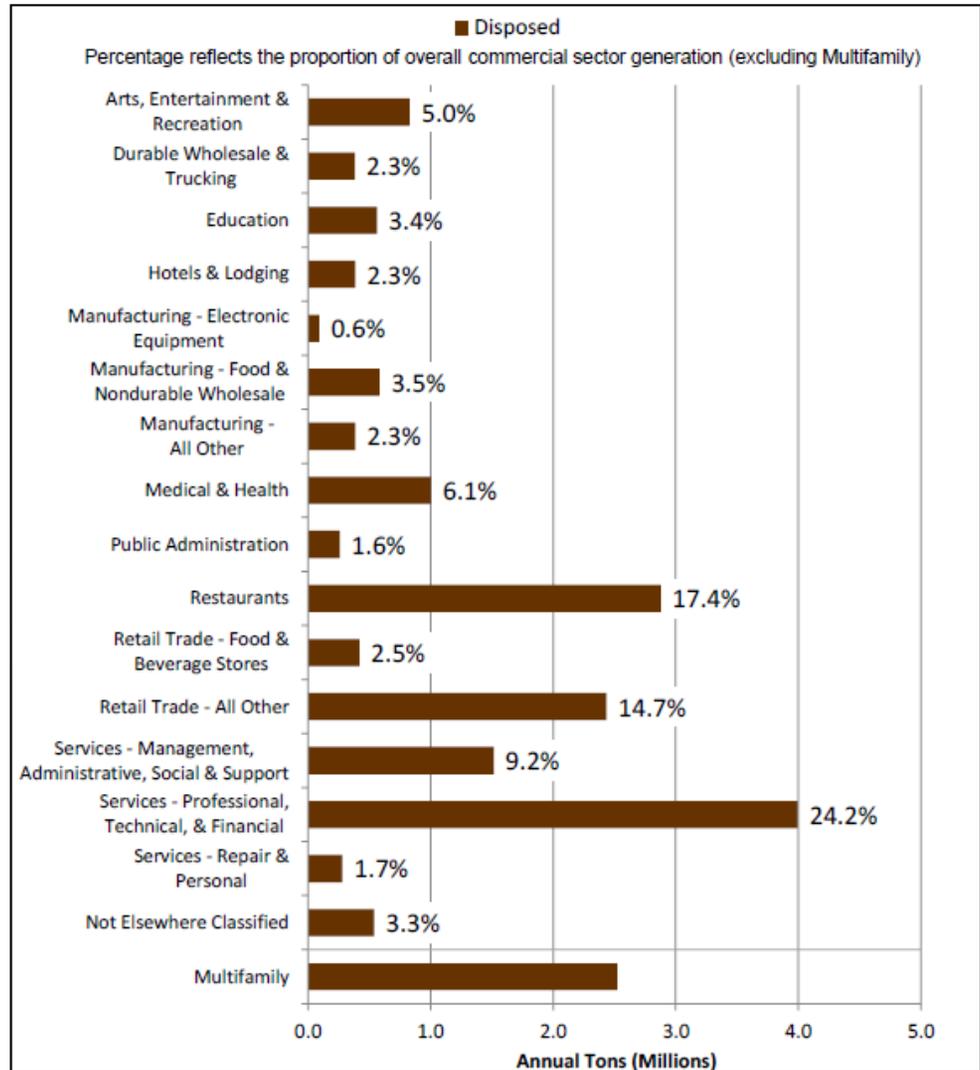


- Used same regions as previous studies
 - 4 sampling areas per region –20 total
 - Sampling area “nodes” based around solid waste facilities for sorting and disposal of samples
- Gracious cooperation by facilities to be “base camps” for sorting
- Sampling occurred during 4 seasons –really, every month of the year
- Business lists from each node used to randomly call and recruit business sites
- 3 sites identified:
 - Chiquita Canyon Landfill
 - Calabasas Landfill
 - MarBorg C&D Recycling and Transfer Facility (Santa Barbara)

RESULTS:

Generator Disposal Study

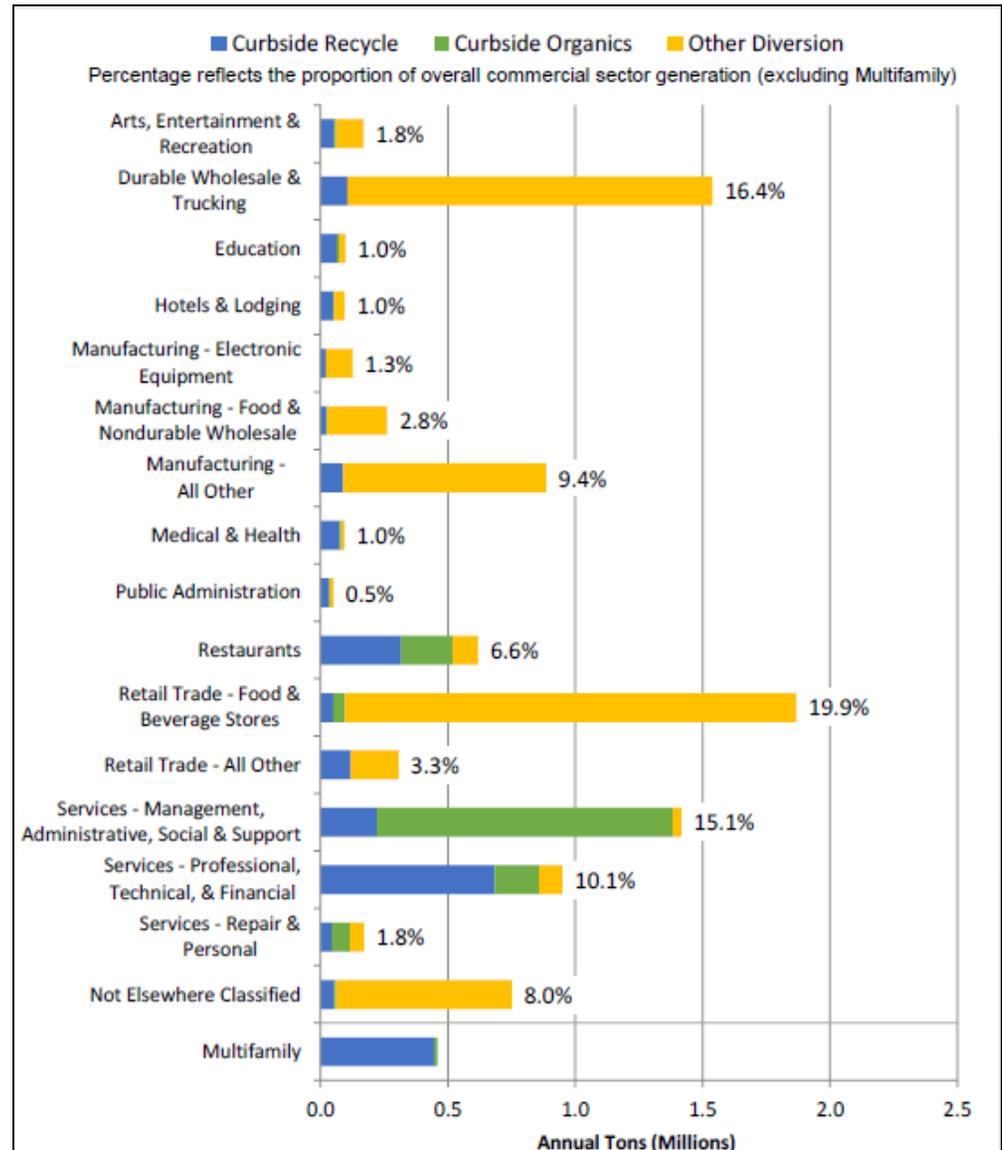
889	Businesses and Multifamily Sites Sampled
1.13	TPEPY
16.5 million tons	Commercial Waste Disposed



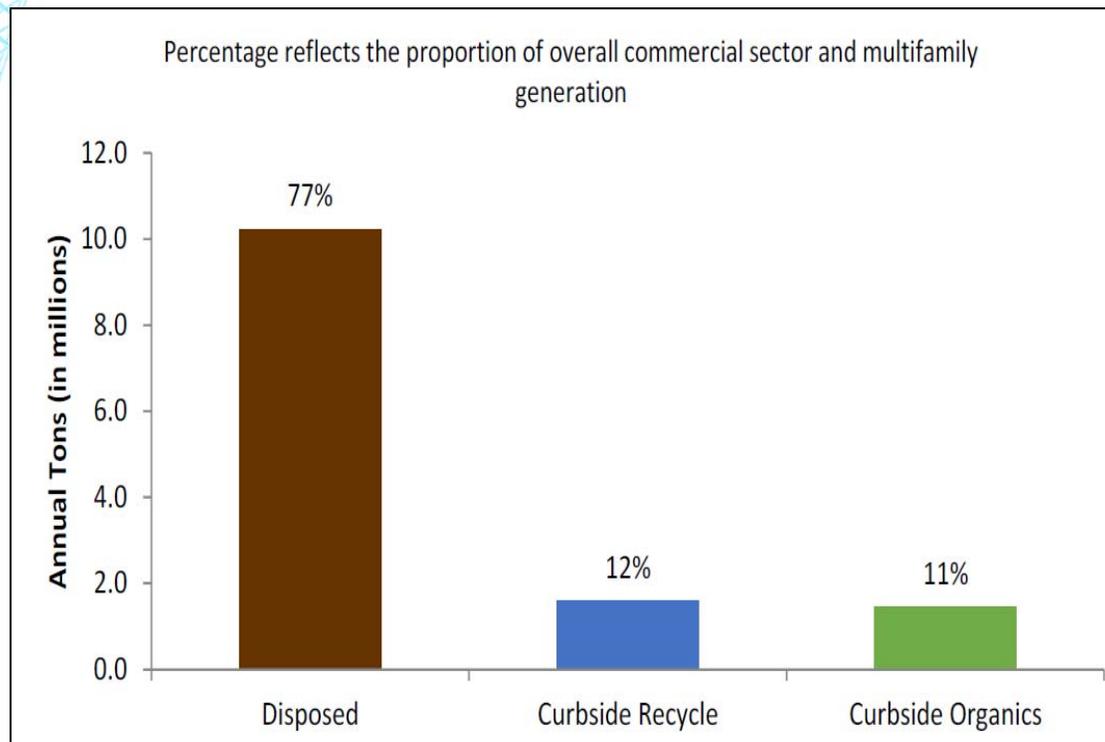
RESULTS:

Commercial Diversion Study

481	Businesses and Multifamily Sites Sampled
1,144	Material Streams sampled
0.64	TPEPY
9.4 million tons	Commercial Waste Diverted



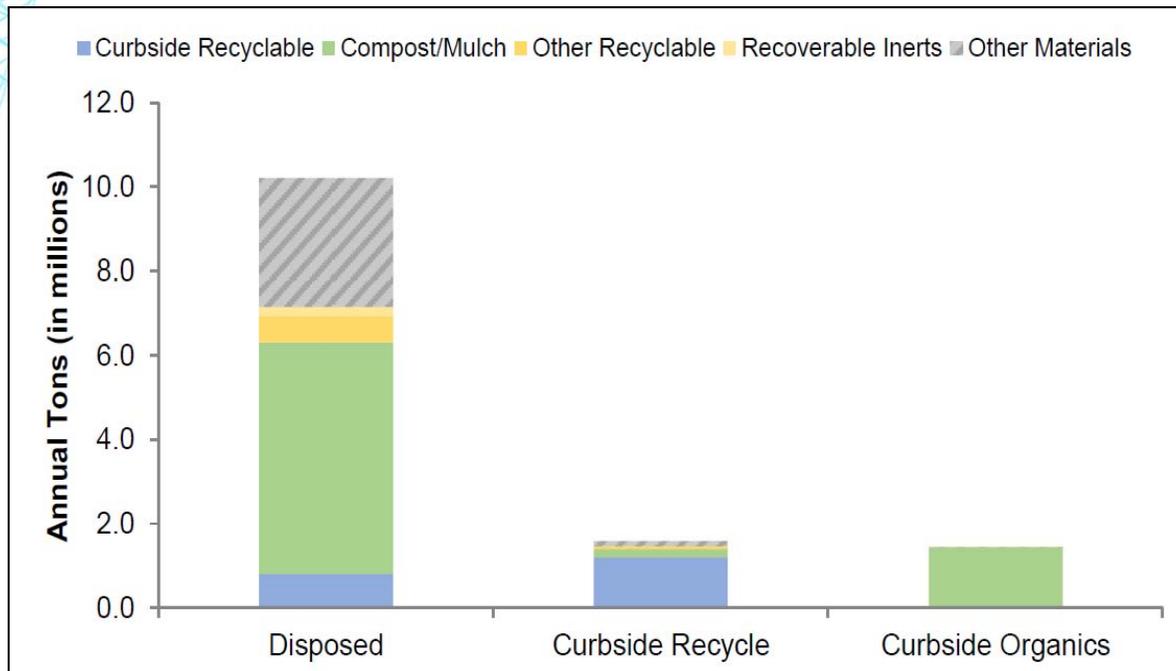
TASK 3 RESULTS –ASSESSMENT OF CURBSIDE DIVERSION



- 23 % of materials flow to recycling and organics bins

Annual Tons by Waste Stream:
Task 3 Generator Sites

ASSESSMENT OF CURBSIDE DIVERSION (CONT.)



- Much of what's still disposed could go into one of the other bins

Recoverability by Stream:
Task 3 Generator Sites



LA COUNTY'S WASTE CHARACTERIZATION STUDY

PROPOSED STUDY FOR LOS ANGELES COUNTY
UNINCORPORATED AREAS

COMPARING PAST AND CURRENT STUDIES

	2006 DPW Study	2008 CalRecycle Study	2014 CalRecycle	PROPOSED STUDY
Focus of Study	Baseline Year Study	Materials disposed at solid waste facilities in CA; extent/source of contamination in recoverables	<ul style="list-style-type: none"> Comprehensive study of disposal waste stream Study of Commercial Sector 	<ul style="list-style-type: none"> Comprehensive study of disposal waste stream Study of Residential and Commercial Sector
Methodology	Stratified Random Sampling: Disposal Based	Stratified Random Sampling: Disposal Based	Stratified Random Sampling: Generator and Disposal based	Stratified Random Sampling; Generator and Disposal based
Time Spent	2 years	1 year	2 years	2 years

PROPOSED COUNTY UNINCORPORATED AREAS WASTE CHARACTERIZATION STUDY

• RESIDENTIAL SECTOR

- Single-family homes
- Multi-family homes (between 2-4 units)
- Multi-family homes (5 units or more)



• COMMERCIAL SECTOR

- Businesses
- Industries
- Institutions/government agencies



• SELF-HAUL SECTOR

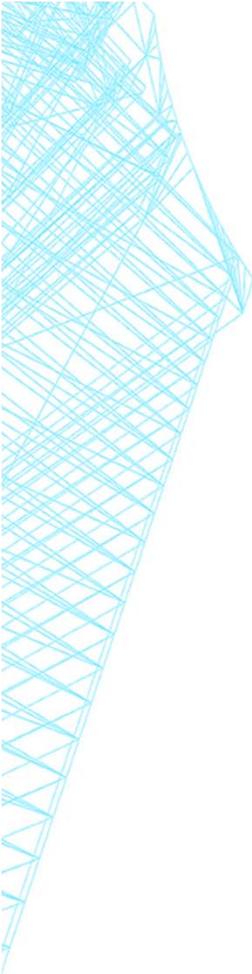
- Individuals, businesses, or government agencies that haul their own waste



PROPOSED COUNTY UNINCORPORATED AREAS WASTE CHARACTERIZATION STUDY

- Conduct Disposal Based Study
- Conduct Generator Based Disposal Study (Res and Com)
- Conduct Generator Based Recycling Study
- Collect comprehensive diversion data for some commercial generator groups
- Collect comprehensive diversion data for green waste
- Analysis of best use alternatives for major components of the waste stream





QUESTIONS/COMMENTS



Regional/Countywide Subcommittee Meeting Agenda

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Thursday, October 22, 2015
1:00 P.M. – 2:15 P.M.

Welcome	(10 min)
Recap Previous Meeting	(5 min)
Emergency Response and Debris Management	(15 min)
Strategy 3 – Initiative E	
LACoMAX Presentation	(10 min)
Strategy 1 – Initiative A	
Overview of Waste Management	(15 min)
Strategy 2-Initiative A	
Open Discussion and Next Steps	(10 min)

Emergency Response and Debris Management

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Roads Reopen After Massive Mudflow in Elizabeth Lake, Lake Hughes, Leona Valley Areas



Emergency Response and Debris Management

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Los Angeles Times



Jason DeBerge, 45, continues to dig out his mud ravaged home in Lake Hughes on Saturday, two days after a torrential rainstorm sent debris-laden floodwater through his neighborhood.

Emergency Response and Debris Management

54

DISASTERS

'Extensive' cleanup underway in wake of California storms



Emergency Response and Debris Management

55

Things to consider for upcoming storm season:

- Tree health
- Inspection / cleaning of inlet areas to ensure adequate storm water drainage



Emergency Response and Debris Management

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Things to consider for upcoming storm season:

- Sinkholes / Road closures
- Place heavy equipment near areas likely to need it



Emergency Response and Debris Management

57

Things to consider for upcoming storm season:

- Ensure adequate as needed emergency contracts
- Conduct pre-storm facility checks



Recent Storm Statistics

58

- 300,000 cubic yards of mud and debris flow during the October 15th storm.



Recent Storm Statistics

59

- More than 40 pieces of heavy machinery and 60 Public Works personnel worked through the weekend to bring relief to the affected areas



Threat of El Niño

60

- There have been 5 El Niño events since the 1970's
- El Niño conditions are expected to arrive in late fall or early winter this year.

Potential rain

California stands to get above normal amounts of rain from January to March 2016 because of El Niño.

Chance of above normal precipitation

	33% – 39%
	40% – 49%
	50% – 59%
	60% – 69%

Sources: NOAA, Climate Prediction Center
@latimesgraphics



County Preparedness

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- Public Works Director Gail Farber provided current statistics on storm readiness



Communications Plan

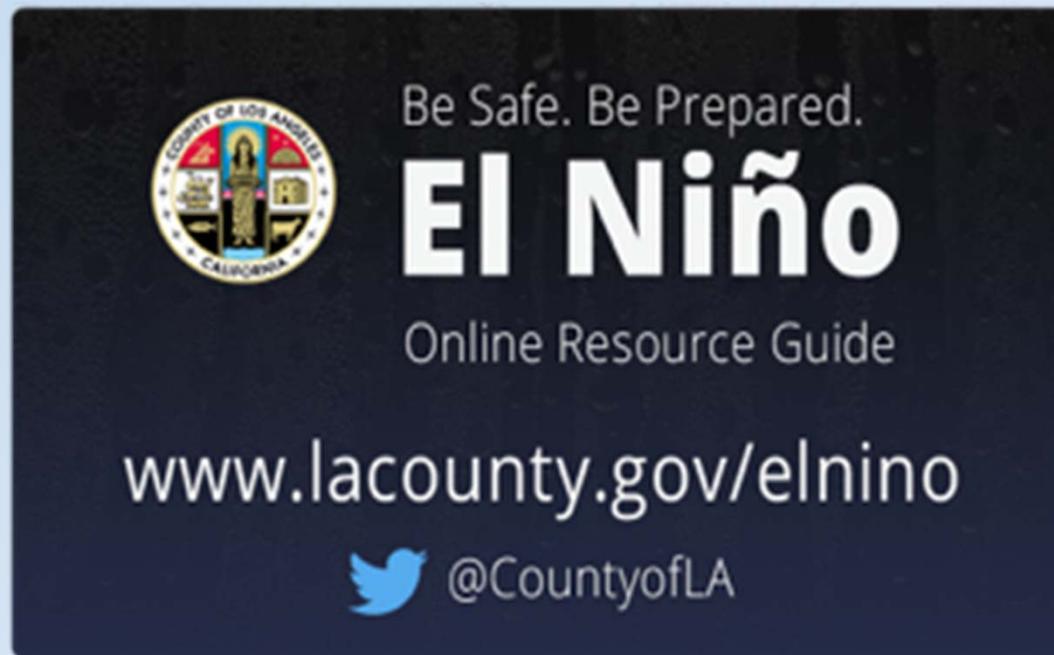
62

- Outlines a strategy to communicate effectively the purpose and the goals of both the Operational Area and the Unincorporated Area Mass Debris Management Plans.
- Key stakeholders include:
 - Various DPW Divisions
 - DMACs representing the 88 cities
 - Waste haulers
 - Other County Departments

Public Information/Resources

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The County's comprehensive storm season website



Public Information/Resources

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- C.A.R.E. - Coordinated Agency Recovery Effort (dpw.lacounty.gov/care)
- Alert L.A. County
- DPW 24-hour Dispatch: (800) 675 – HELP (4357)
- dpw.lacounty.gov/contact/
- Twitter: @dpwCARE @LAPublicWorks
- Los Angeles County – The Works smart phone app





In an emergency...

- ☑ Monitor radio and TV news closely for information about weather conditions and flooding in your area.
- ☑ Be prepared to leave immediately if an evacuation is ordered. Have alternate evacuation routes out of your neighborhood.
- ☑ Stay away from flood channels and flowing rivers. You could be knocked off your feet in as little as six inches of water.
- ☑ Don't try to cross flooded areas and never enter moving water.
- ☑ Never touch or approach a downed power line, which can cause serious injury or death. Call 9-1-1 to report it.
- ☑ If trapped in your vehicle, stay with it. If possible, relocate to the hood if water continues to rise.
- ☑ Be aware of any sudden increase or decrease in water level on a stream or creek that might indicate debris mudflow upstream. A trickle of flowing mud may precede a larger flow.
- ☑ Look for tilted trees, telephone poles, fences or walls, and for new holes or bare spots on hillsides.
- ☑ Listen for rumbling sounds that might indicate an approaching landslide or mudflow.
- ☑ Be alert when driving. Roads may become blocked or closed due to collapsed pavement or debris.
- ☑ If a landslide and/or debris flow occurs, danger is imminent, quickly move away from the path of the slide. Move to the nearest high ground.

Los Angeles County Prepares for
 **El Niño**
 One-Stop Online Resource Guide:
www.lacounty.gov/elnino

C.A.R.E.
 COORDINATED AGENCY RESPONSE EFFORT
www.dpw.lacounty.gov/care/

Other Resources

LA County Fire Department
www.fire.lacounty.gov

Flood, Debris, and Erosion Control
www.ladpw.org/wmd/HomeOwners/

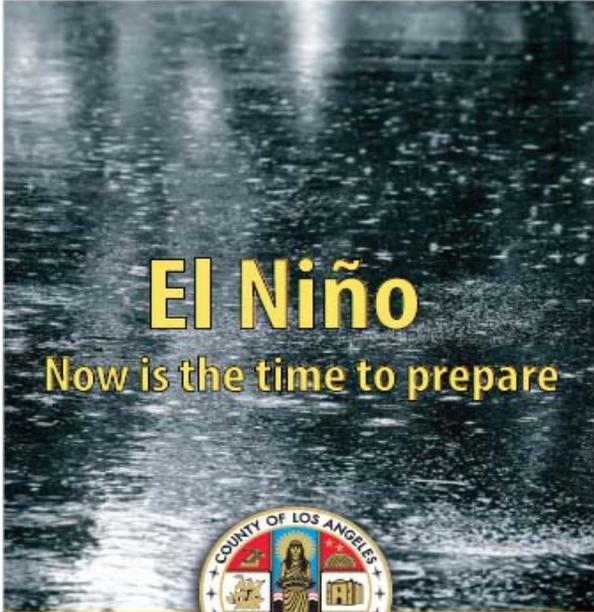
Sand Bag Distribution Locations
www.dpw.lacounty.gov/care/sandbags

Public Works Dispatch Center
 Please call 800-675-HELP (4357) to report urgent issues in unincorporated areas and contract cities.

Southern California Edison
www.sce.com/wps/portal/home/safety/family/outdoor-tips

Follow us on Twitter:

-  @CountyofLA
 -  @LACoFDPIO
 -  @dpwCARE
 -  @LAPublicWorks
- #LARain**



El Niño
 Now is the time to prepare



Los Angeles County






LACoMAX

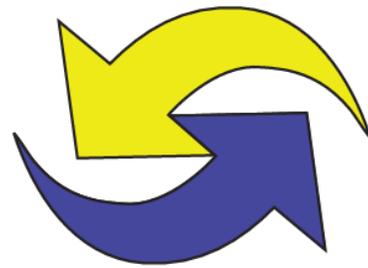
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LACoMAX.com

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LACoMAX.com

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- Also has a page for advertising estate/garage/yard sales



LACoMAX.com

The screenshot shows the LACoMAX website interface. At the top, there is a navigation bar with the following items: HOME, BROWSE LISTINGS, POST ITEM, REUSE REALM, MY LACoMAX, QUICK LINKS, and HELP. Below the navigation bar is the LACoMAX logo and the text "Los Angeles County Materials Exchange" with the tagline "Post goods. Find goods. Feel good." To the right of the logo are the eNotify and Clean LA logos. Below the logo is a carousel of four categories: CONSTRUCTION, CONTAINERS, DURABLE GOODS, and ELECTRONICS. Below the carousel are two sections: "Announcements" and "Testimonials". The "Announcements" section contains a link to "LACoMAX on CNN Headline News (HLN)" and a link to "Read all announcements". The "Testimonials" section contains a quote from Dave and a link to "Read all testimonials". Below the testimonials is a list item: "Get Email Notification about the Los Angeles County Materials Exchange. Please click here to register." At the bottom of the page, there is a footer with the following text: "Managed by the County of Los Angeles Department of Public Works, Environmental Programs Division. Toll Free Phone Number: 1(888) CLEAN LA. Clean LA Home | Clean LA FAQ | About Clean LA | Clean LA Site Index | Contact Clean LA". At the very bottom, there is a dark blue bar with the following text: "lacounty.gov | Public Works FAQ | Privacy & Security Policy | Accessibility | Terms of Use | Feedback | Follow Us" and social media icons for Twitter, RSS, and YouTube.

Department of Public Works
dpuw.lacounty.gov

All Categories search for LACoMAX postings GO
Advanced Search

HOME BROWSE LISTINGS POST ITEM REUSE REALM MY LACoMAX QUICK LINKS HELP

LACoMAX
Los Angeles County Materials Exchange
Post goods. Find goods. Feel good.

eNotify Clean LA

CONSTRUCTION CONTAINERS DURABLE GOODS ELECTRONICS

Announcements
[LACoMAX on CNN Headline News \(HLN\)](#) Watch Pat Proano, Assistant Deputy Director of Environmental Programs Division with the County of Los Angeles Department of Public Works, talk about Clean LA and LACoMAX on Charter Local Edition on CNN Headline News Channel in Southern California. For more information, please click [here](#).
→ [Read all announcements](#)

Testimonials
"Great web site to exchange good usable items that would otherwise go into a landfill."
Dave
→ [Read all testimonials](#)

- Get Email Notification about the Los Angeles County Materials Exchange. Please click [here](#) to register.

Managed by the County of Los Angeles Department of Public Works, Environmental Programs Division
Toll Free Phone Number: 1(888) CLEAN LA
[Clean LA Home](#) | [Clean LA FAQ](#) | [About Clean LA](#) | [Clean LA Site Index](#) | [Contact Clean LA](#)

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www.LACoMAX.com

LACoMAX.com

- Annual Spring Cleaning Event during Earth Month
- Newsletters
- Social Media
- Team up with County's Surplus Program



LACoMAX
LOS ANGELES COUNTY MATERIALS EXCHANGE

April 22, 2015
11:30 a.m.
HQ Courtyard

Spring Cleaning Event

Hey Public Works colleagues! It's **Earth Month**, a great time to start spring cleaning. Instead of tossing your unwanted goods in the trash, list them on LACoMAX and give them a second chance. Each listing will give you an opportunity to win a prize. Your trash could be someone else's treasure. While you're on the site, browse and you may find your treasure!

See something you like? Arrange to make your exchange* at our LACoMAX exchange booth at Public Works' Earth Day Celebration on April 22, 2015 for an extra chance to win a prize.

www.LACoMAX.com

Earth Day 2015

*Only exchanges between Public Works employees can be made at the Earth Day Celebration. Items may not be left at booth.



Post Goods.

Find Goods.

Feel Good.

It's the kind of exchange everyone is looking for.

LACoMAX
LOS ANGELES COUNTY MATERIALS EXCHANGE

www.LACoMAX.com

LACoMAX.com



Discussion

County of Los Angeles Overview of Solid Waste Management 2014

Presented by: Trishena Robinson
Public Works, Environmental Programs Division
October 22, 2015



Overview

- **Solid Waste Disposal Facilities**
- **2014 Waste Generation and Disposal Quantities**
- **Solid Waste Disposal Trends**
- **Conclusion**

County of Los Angeles Overview of Waste Management, 2014
Public Works, Environmental Programs Division
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Solid Waste
Disposal Facilities

2014 Waste Generation and
Disposal Quantities

Solid Waste Disposal Trends

Conclusion

Solid Waste Disposal Facilities



Landfills

County of Los Angeles Overview of Waste Management, 2014
Public Works, Environmental Programs Division

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Solid Waste
Disposal Facilities

2014 Waste Generation and
Disposal Quantities

Solid Waste Disposal Trends

Conclusion

Solid Waste Disposal Facilities



Transformation Facilities

County of Los Angeles Overview of Waste Management, 2014
Public Works, Environmental Programs Division

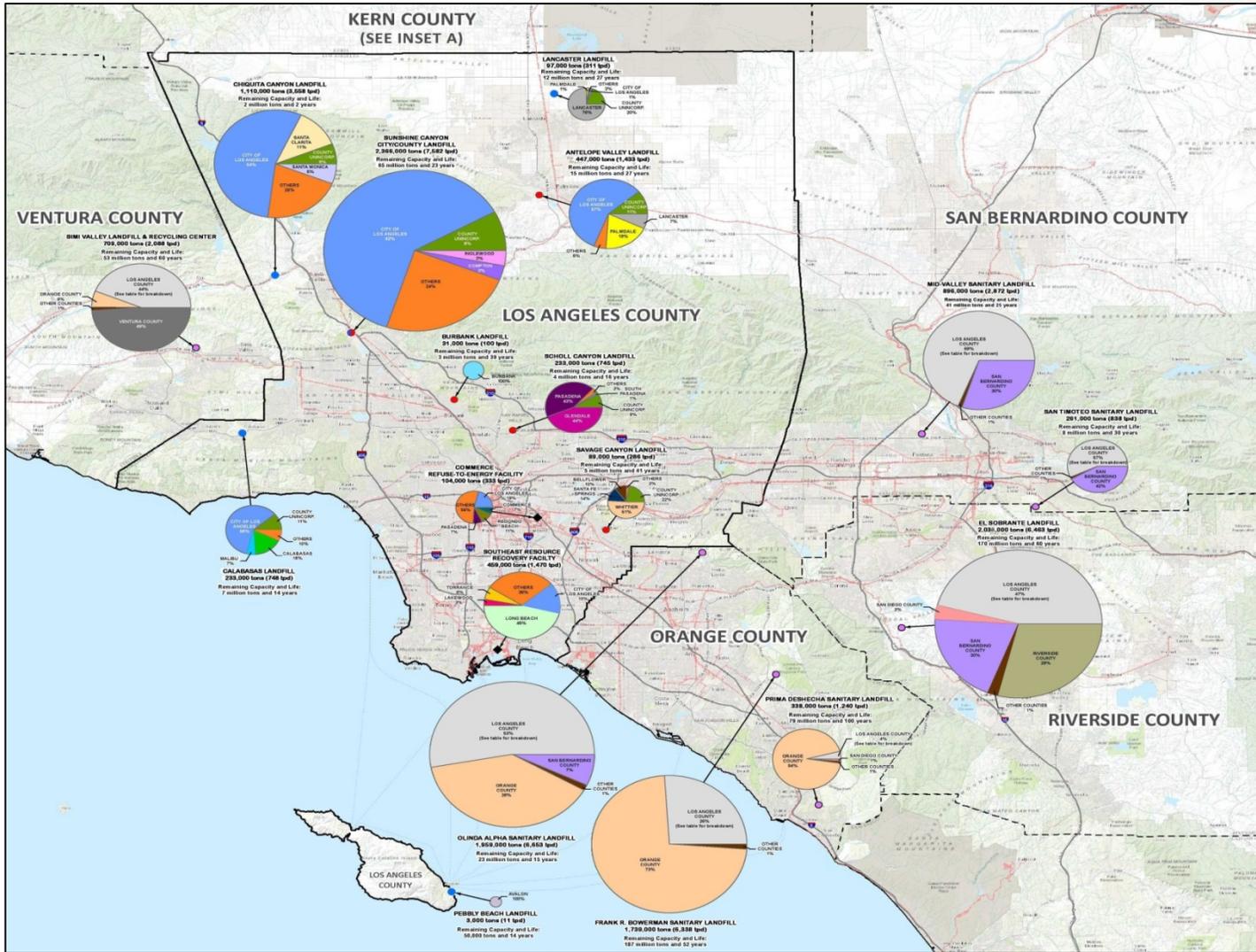
76

Solid Waste
Disposal Facilities

2014 Waste Generation and
Disposal Quantities

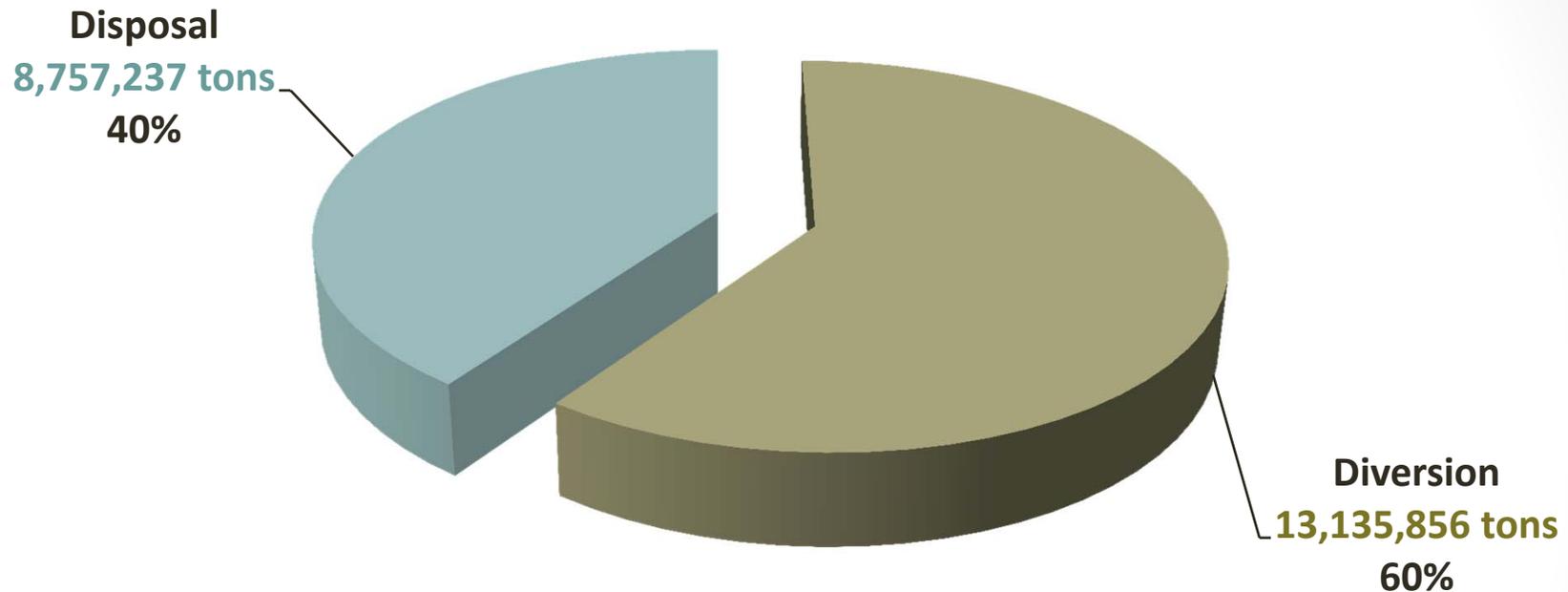
Solid Waste Disposal Trends

Conclusion



County of Los Angeles Overview of Waste Management, 2014
Public Works, Environmental Programs Division

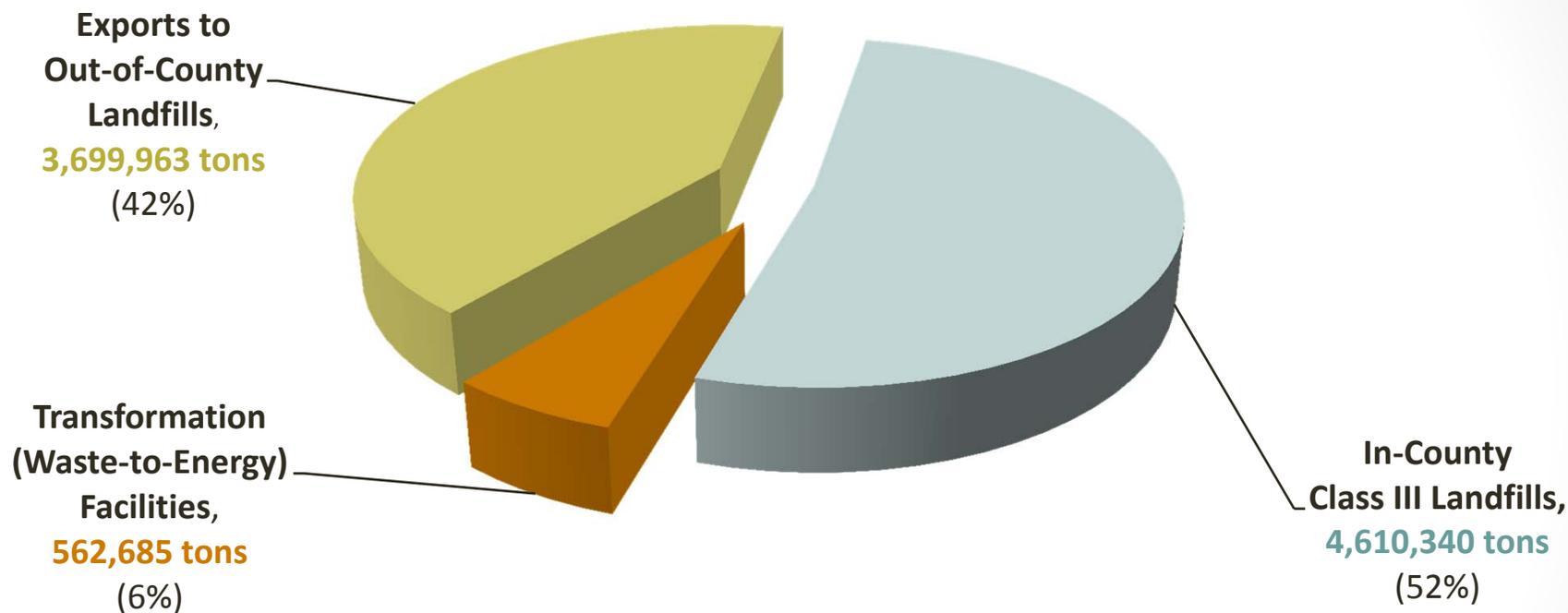
2014 Waste Generation and Disposal Quantities



Total Waste Generation = 21,893,093 tons

County of Los Angeles Overview of Waste Management, 2014
Public Works, Environmental Programs Division
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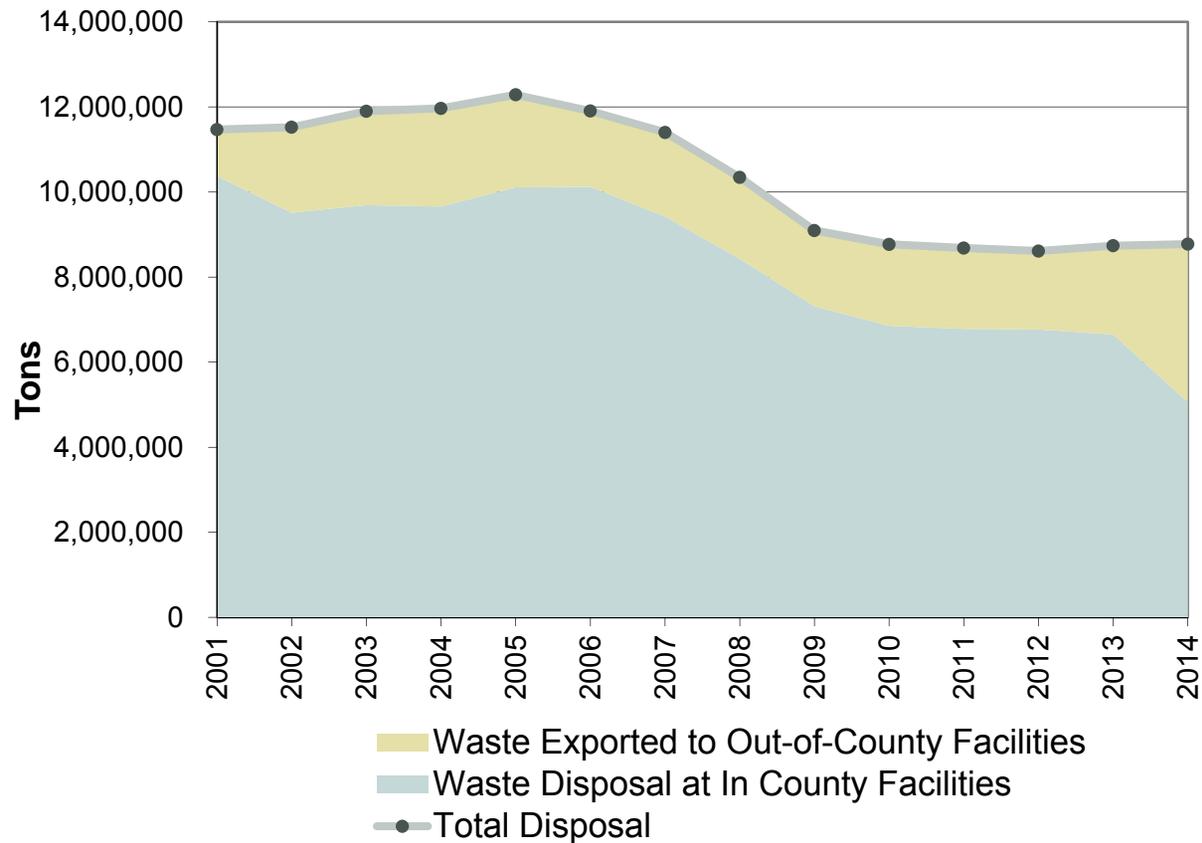
2014 Waste Generation and Disposal Quantities



Total Disposal (including imports) = 8,872,988 tons

County of Los Angeles Overview of Waste Management, 2014
Public Works, Environmental Programs Division
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Solid Waste Disposal Trends



County of Los Angeles Overview of Waste Management, 2014
Public Works, Environmental Programs Division

Conclusion

Educate residents on the importance of reducing waste generation

Expand and enhance programs to maximize diversion

Develop additional alternative technology facilities

Increase recycling rate to 75 percent by 2020



County of Los Angeles Overview of Waste Management, 2014
Public Works, Environmental Programs Division

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Thank you.

Outreach and Education Subcommittee Meeting Agenda

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Thursday, October 22, 2015
2:30 P.M. – 3:45 P.M.

Welcome	(10 min)
Recap Previous Meeting	(5 min)
Outreach Updates	(5 min)
Strategy 4: Outreach and Education	
Land Art Generator Initiative	(10 min)
Strategy 4: Outreach and Education	
Brainstorming Session	(25 min)
Strategy 1-Initiative C	
• Departmental Recycling Brochure	
Strategy 4: Outreach and Education	
• Roadmap Brochure	
Open Discussion and Next Steps	(10 min)
Demonstration Garden, Followed by Onsite Tour	(10 min)
Strategy 1-Initiative D; Also Strategy 4 -All Focus Areas	

Roadmap Resources Page Update

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The screenshot shows the Department of Public Works website. The header includes the County of Los Angeles logo, the text "Department of Public Works" and "dpw.lacounty.gov", and a navigation menu with items: Home, Residents, Businesses, Galleries, Online Services, NewsWorks, About Us, and Contact Us. A search bar is also present. The main content area is titled "Resources" and features a green banner for "Residents" and an orange banner for "Business".

HOME

- › About the Roadmap
- › Meetings
- › Focus Areas
- › Resources
- › Contact Us

Resources

On this page you will find resources such as tool kits, fact sheets, and links to help you reach your sustainability goals. Click on the file icons to download documents. Videos and links will open in a new window.

Residents

- **Roadmap to a Sustainable Waste Management Future Briefing Report** - Summary of the Roadmap document available for download (PDF, 3.4 MB).
- **Clean LA** - Los Angeles County Department of Public Works' environmental services and information website.
- **Toolkit to Reduce Household Food Waste** - For residents who want to reduce their household food waste.
- **EARTH 911 Recycling Guides** - Helpful recycling guides for consumers.
- **Waste Prevention and Recycling at Home** - Resources for home waste prevention and recycling.
- **Stop Junk Mail** - How to reduce the amount of junk mail you receive.
- **Green Spot Drop-off** - Free and convenient electronic waste recycling.
- **(ARTICLE) Undersized spuds, blemished apples now sold by Loblaw as 'Naturally Imperfect'** - The Globe and Mail, 3/12/15.

Business

- **Tools for Assessing Wasted Food** - Useful tools from the EPA to help businesses measure and track food waste.
- **EPA's Food Recovery Challenge** - For organizations that want to engage in food recovery.
- **Smart Business Recycling** - Resources for businesses for reducing waste and finding recyclers in LA County.
- **Recycling Market Development Zone** - Financial, technical and marketing assistance for businesses using recycled materials to make new products.
- **The Legal Guide to the Bill Emerson Good Samaritan Food Donation Act** - The Bill Emerson

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<http://dpw.lacounty.gov/epd/Roadmap/Resources.cfm>

Roadmap Logo Update

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Land Art Generator Initiative

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land art generator initiative **RENEWABLE ENERGY CAN BE BEAUTIFUL™**



[what is LAGI?](#)

[competition](#)

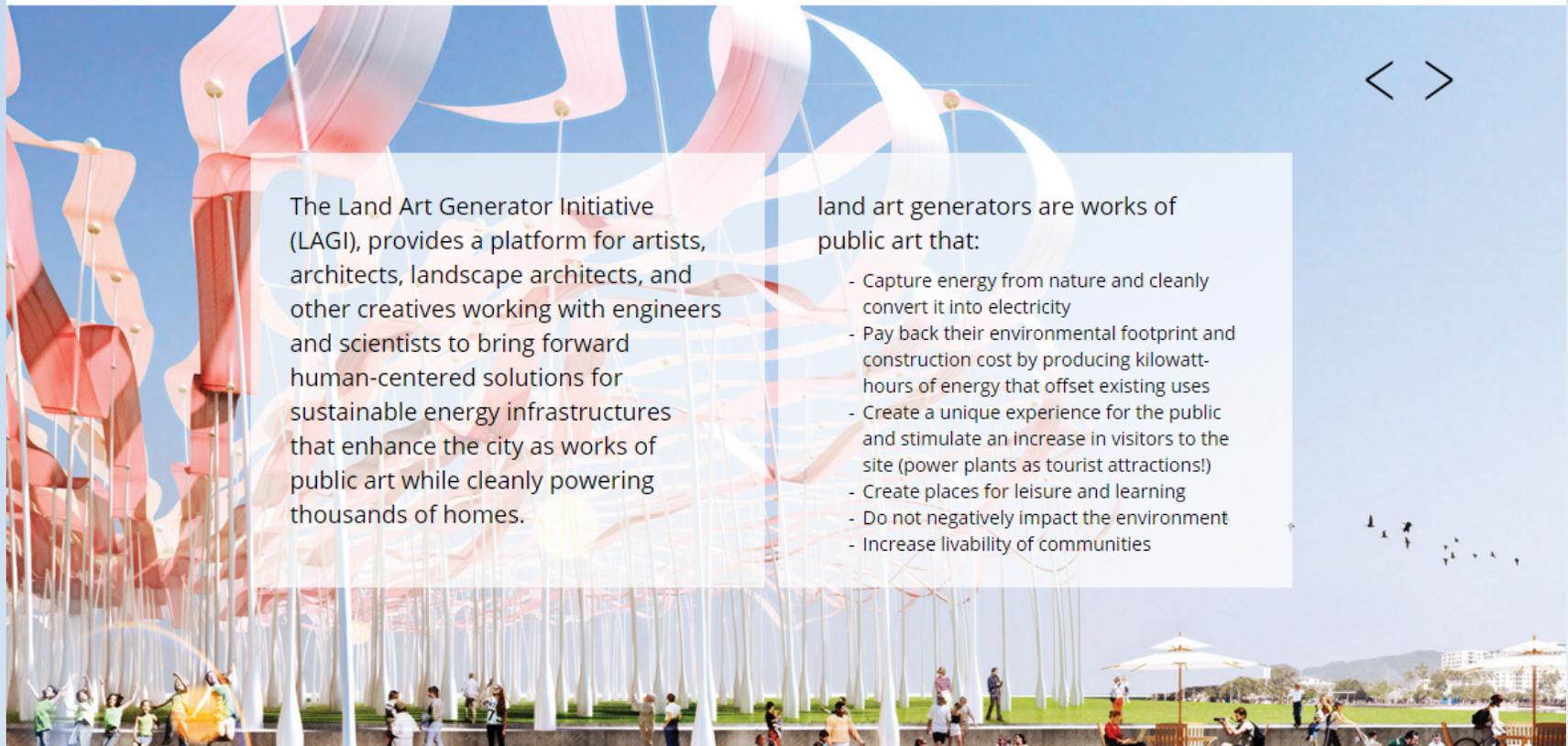
[education](#)

[portfolio of submissions](#)

[BLOG](#)

[news/events](#)

[contact](#)



The Land Art Generator Initiative (LAGI), provides a platform for artists, architects, landscape architects, and other creatives working with engineers and scientists to bring forward human-centered solutions for sustainable energy infrastructures that enhance the city as works of public art while cleanly powering thousands of homes.

land art generators are works of public art that:

- Capture energy from nature and cleanly convert it into electricity
- Pay back their environmental footprint and construction cost by producing kilowatt-hours of energy that offset existing uses
- Create a unique experience for the public and stimulate an increase in visitors to the site (power plants as tourist attractions!)
- Create places for leisure and learning
- Do not negatively impact the environment
- Increase livability of communities

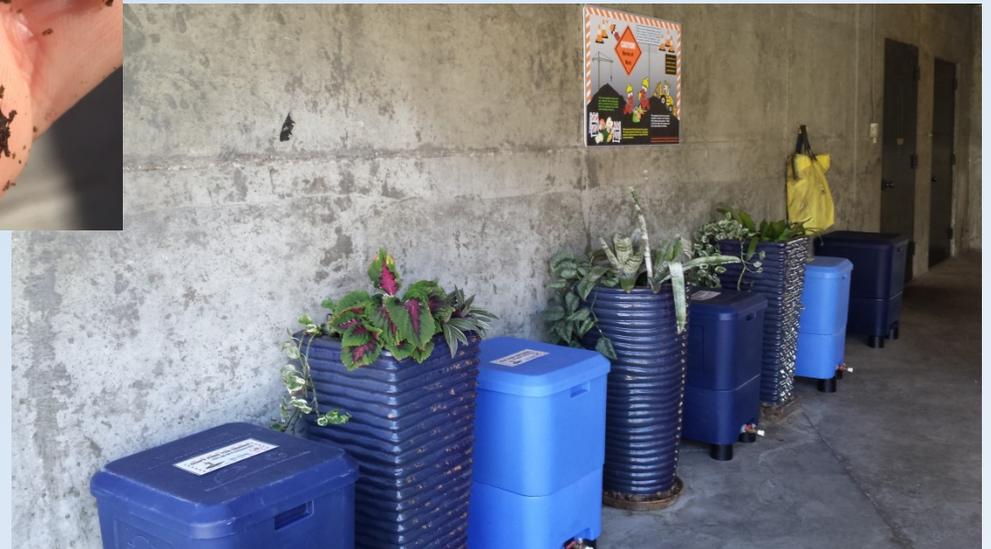
Brainstorming Session

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Worm Composting

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Demonstration Garden



Demonstration Garden



Open Discussion and Next Steps

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**Thank you for your
participation.**

Next Subcommittee Meetings – November 18, 2015

Next Working Group Meeting – December 9, 2015

