

Los Angeles County Solid Waste Management Committee/Integrated Waste Management Task Force Meeting

AB 1109 Lighting Task Force Report



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Energy *What a* Environmental
Efficiency *Bright Idea!* Protection



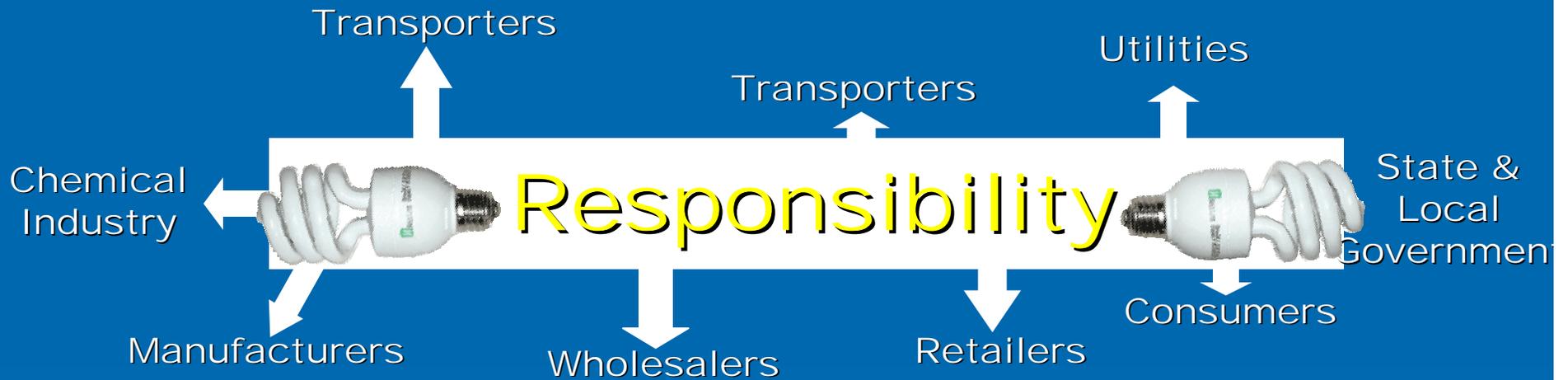
Current Model



The Push-Back



Shared Responsibility

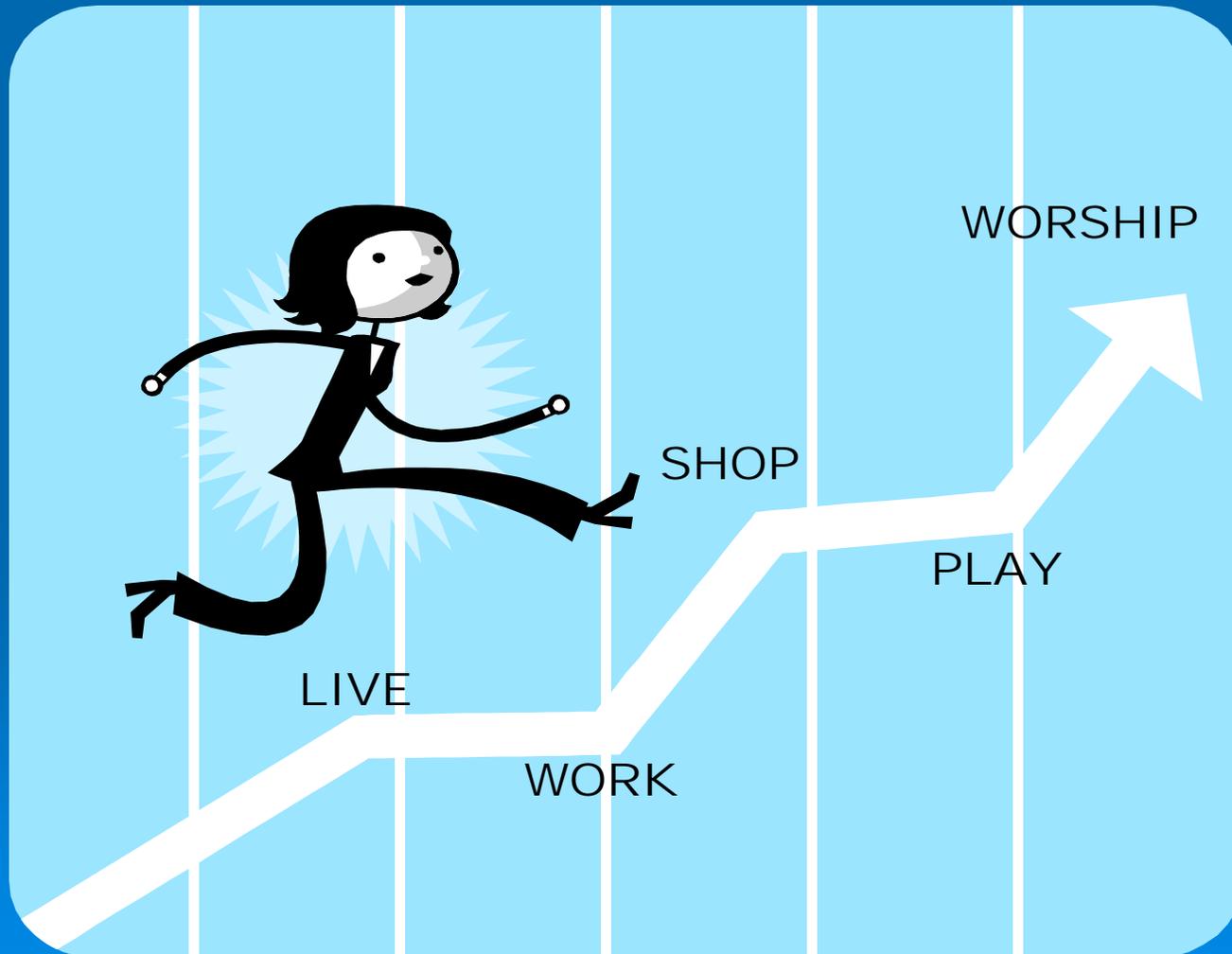


How To Engage California Residents

Free
Local
Convenient
Free



Locations To Engage California Residents



Energy Efficiency and Environmental Protection



AB 1109:

Lighting Task Force Report

September 1, 2008



Recommendations for Collection and Recycling of Spent Fluorescent Bulbs in California

AB 1109 – Lighting Efficiency and Toxics Reduction Act Task Force Report

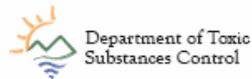


Table A1-1: AB 1109
Lighting Task Force Members

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Lighting Task Force

10 Key Areas Of Consensus

- Focus on residential fluorescent lights
- Combine energy efficiency and environmental protection messages
- Administered by a Third Party Organization (TPO)
- Collection must be free; local and convenient to the public



Lighting Task Force

10 Key Areas Of Consensus

- Shared responsibility among all parties that benefit from fluorescent lighting
- Public Goods monies should be explored as one funding source
- State enforcement authority should be clearly spelled out



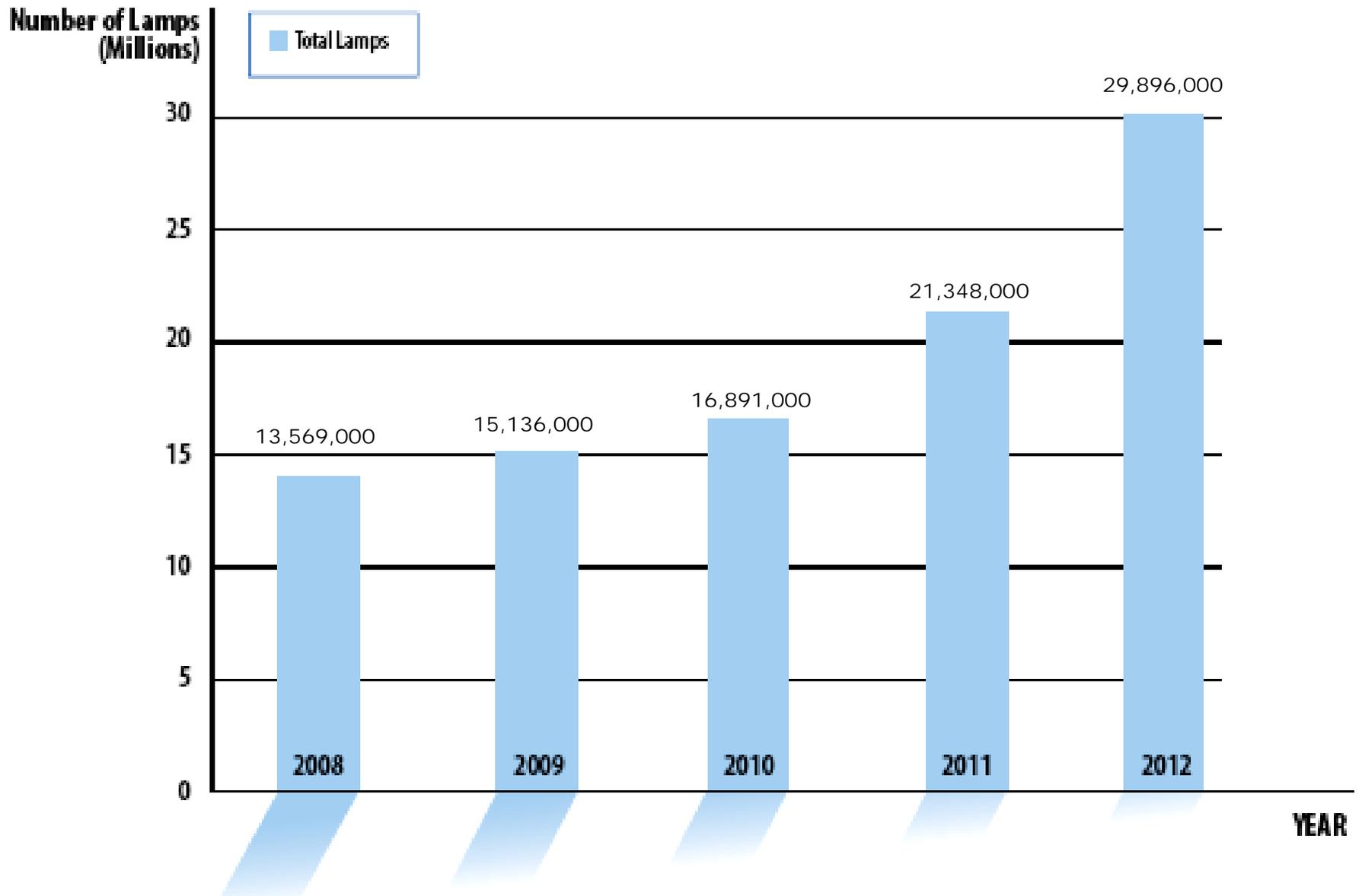
Lighting Task Force

10 Key Areas Of Consensus

- Collection program must emphasize safety and compliance
- Education and outreach include wide range of methods and media
- Only fluorescent lamps from TPO participants should be sold in California



Figure 1: Estimated Numbers of Fluorescent Lamps Available for Recycling 2008 - 2012



Cost\$

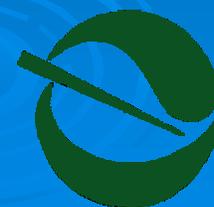


Table A4-3: Range of Statewide Lamp Recycling Costs – Assumption 100 Percent Recovery

Year	Number of units	\$.30/light	\$1.5/light
2008	13,569,000	4,070,700	20,353,500
2009	15,136,000	4,540,800	22,704,000
2010	16,891,000	5,067,300	25,336,500
2011	21,348,000	6,404,400	32,022,000
2012	29,896,000	8,968,000	44,844,000

Table A4-4: Range of Statewide Lamp Recycling Costs – Assumption: 50 Percent Recovery

Year	Number of units	\$.30/light	\$1.5/light
2008	13,569,000	2,035,350	10,176,750
2009	15,136,000	2,270,400	11,352,000
2010	16,891,000	2,533,650	12,668,250
2011	21,348,000	3,202,200	16,011,000
2012	29,896,000	4,484,400	22,422,000

Table A4-5: Range of Statewide Lamp Recycling Costs – Assumption: 25 Percent Recovery

Year	Number of units	\$.30/light	\$1.5/light
2008	13,569,000	1,017,675	5,088,375
2009	15,136,000	1,135,200	5,676,000
2010	16,891,000	1,266,825	6,334,125
2011	21,348,000	1,601,100	8,005,500
2012	29,896,000	2,242,200	11,211,000

Table A4-6: Range of Statewide Lamp Recycling Costs – Assumption: 10 Percent Recovery

Year	Number of units	\$.30/light	\$1.5/light
2008	13,569,000	407,070	2,035,350
2009	15,136,000	454,080	2,270,400
2010	16,891,000	506,730	2,533,650
2011	21,348,000	640,440	3,202,200
2012	29,896,000	8,96,800	4,484,400

Table 1 Education and Outreach Costs for Various Pilot Lamp Collection Projects

Pilot Project	Cost/Duration	Population ²⁶
Lane County, Oregon	\$32,516.54/one year	337,870
Vermont	\$40,000/three years	623,908
Santa Clara County, California	\$20,000/one year	1,731,281
PG&E for Santa Clara County, California	\$15,000/6 weeks	1,731,281
PG&E for Tehama County, California	\$18,900/8 weeks	61,686
City and County of San Francisco	\$45,000/first year \$10,000/year for subsequent years \$200,000/current year	744,041

To Download A Copy Of The
AB 1109 Lighting Task Force Report
Go To:

http://www.dtsc.ca.gov/HazardousWaste/UniversalWaste/upload/ab1109_final.pdf



Not in My Trash Can Campaign

Not in my trash Can

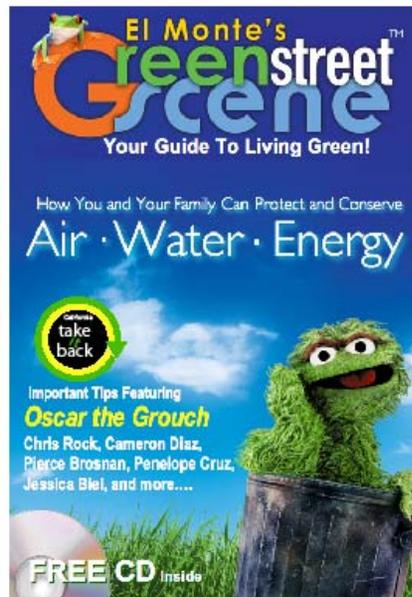


Fluorescent lights are cool to use but when thrown into your trash they can be bad for the environment. Join the **“Not in My Trash Can-paign”** and recycle your used Fluorescent lights with your local Take it Back Partner.

For more information, visit www.dtsc.ca.gov



El Monte



Cover

DTSC California Take-it-Back Partnership first test outreach delivered free to 27,000 El Monte Homes Promoting Proper Compact Fluorescent Light disposal.

Outreach is delivered on El Monte's Green Street Scene, City of El Monte's city wide outreach program and is featured on the cover and it's own category with Web links to the DTSC and the CWMB websites at no cost to DTSC.



Back Cover



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