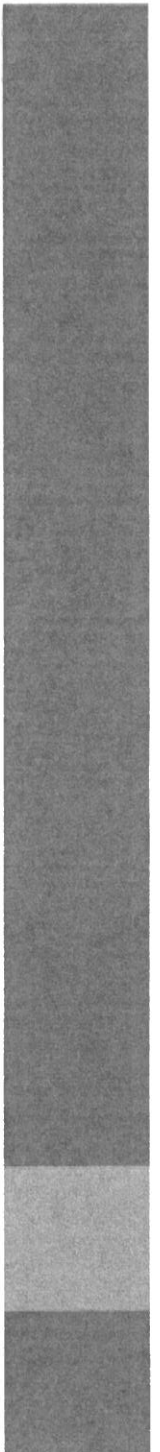


# City of Los Altos, California

## Discussion Document

'Dashboard' Reporting - Community Resource Use and GHG Emissions

September 2014



A City website-based 'dashboard' presenting annual community resource use data, GHG emissions and reduction targets will help engage the community in CAP implementation.

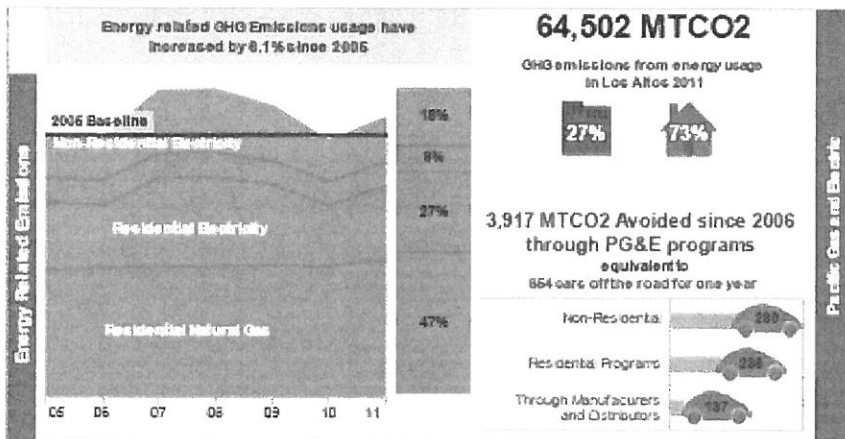
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## Dashboard Objectives

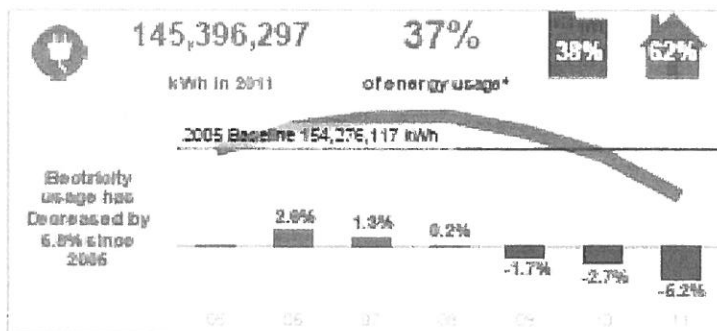
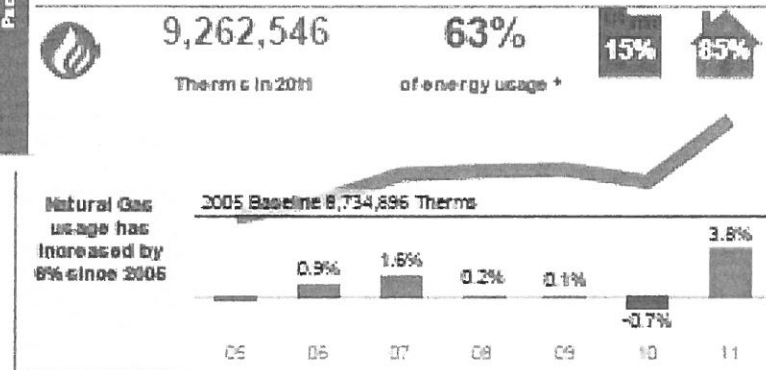
- Present foundational data on aggregate annual resource use, GHG emissions, and associated trends
- Describe resource use and GHG emissions data relative to CAP targets – to help answer the question “how are we doing?” year over year, and versus general CAP targets
- Provide the information in a visually interesting, easy to understand format that engages residents
- Address usage metrics and trends for key resources comprising the community GHG inventory:
  - 1) Total GHGs and pie chart breakdown, vs. goals
  - 2) Annual vehicle miles traveled/GHG per VMT
  - 3) Residential natural gas use/GHG
    - Solar? (kW installed)
  - 4) Residential electricity use/GHG
    - EVs? (#, mileage)
  - 5) Commercial electricity use/GHG
    - Bike lanes (miles?)
  - 6) Commercial natural gas use/GHG
  - 7) Annual community-wide water use/GHG
  - 8) Annual community-wide solid waste disposal tonnage/GHG
  - 9) Household/per capita averages
- Update with data reported by staff annually to the Environmental Commission and City Council, utilizing implementation and monitoring tool described in Chapter 5 of the CAP

Next steps would involve meeting with staff and PMC to learn about the monitoring tool outputs, and to begin design of simple web-based reporting layouts.

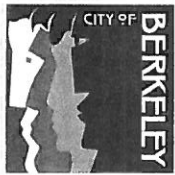
### Annual Reporting of Resource Use and GHG Metrics



- Illustrative Examples -

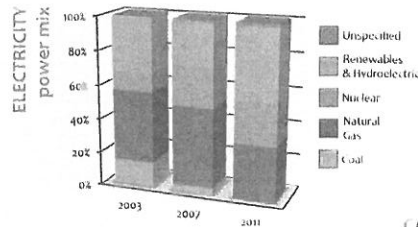
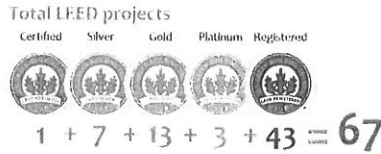


Source: PG&E Energy Summary for Los Altos 2005 - 2011

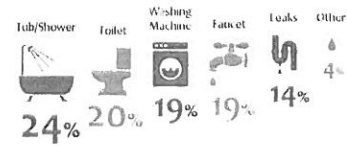


# CLIMATE ACTION PLAN RESULTS

2011



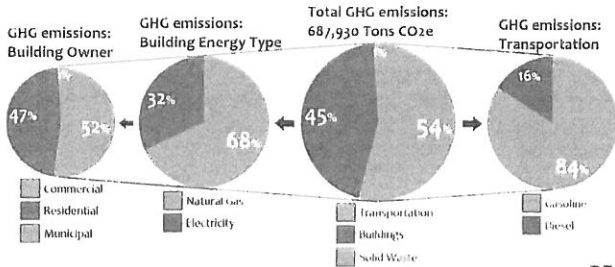
## Household INDOOR WATER USE



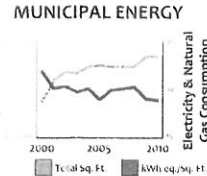
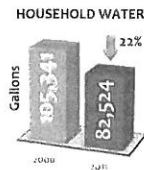
## Total Street and Park TREES 2000 - 2011



## Main Greenhouse Gas (GHG) EMISSIONS SOURCES



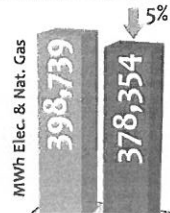
## Annual CONSUMPTION



## RESIDENTIAL ENERGY



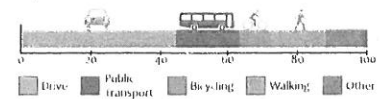
## COMMERCIAL ENERGY



## CARSHARE Vehicles



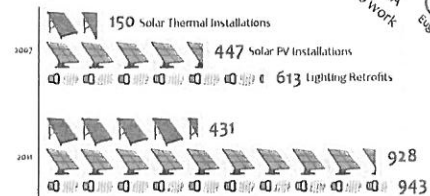
## TRANSPORTATION TO WORK by mode share



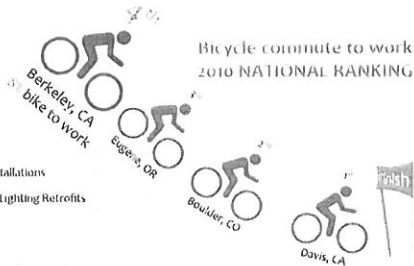
## Bicycle PARKING



## Solar and Lighting UPGRADES 2007-2011



## Green Certified BUSINESSES



## Total POPULATION



## References:

City of Berkeley Energy & Sustainable Development  
Inventory of greenhouse gases (Climate Progress)  
U.S. Census Bureau  
California Gas and Electric Company