

## City's Sustainability Policy

It is the intent of the City of Palo Alto to be a sustainable community – one which meets its current needs without compromising the ability of future generations to meet their own needs. In adopting this policy, the City of Palo Alto accepts its responsibility, through its operations, programs and services, to:

- **Economy:**  
Maintain a healthy, thriving and well-balanced economy.
- **Social Equity:**  
Improve the quality of life for all Palo Alto without adversely affecting others.
- **Environment:**  
Enhance the quality of the air, water, land and other natural resources by minimizing human impacts.

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## What is Palo Alto?



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## Who Are We Today?



better place



## Climate Change Threats



Water/  
Food Shortages



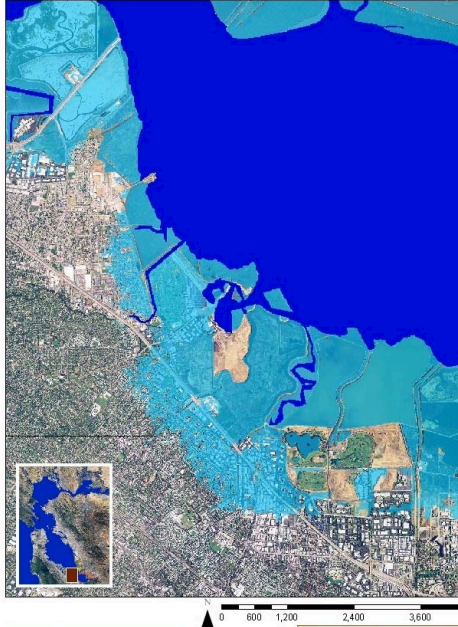
Wildfire  
Hazards



Bay Rise/  
Flooding



**One Meter Sea Level Rise  
City of Palo Alto**



**Pacific Institute Report-  
San Francisco Bay Area**

Flooding from a 1.4-meter sea-level rise threatens:

- 480,000 people
- Vast areas of wetlands and ecosystems
- Nearly \$100 billion in property

**Infrastructure at risk:**

San Mateo and Santa Clara County -  
\$31.8 billion



**Climate Protection Plan Areas of Focus**

- **Climate Change and Adaptation**
- **Energy Supply and Conservation**
- **Water conservation and resource management**
- **Natural Environment**
- **Waste and Materials**
- **Built Environment**
- **Transportation**

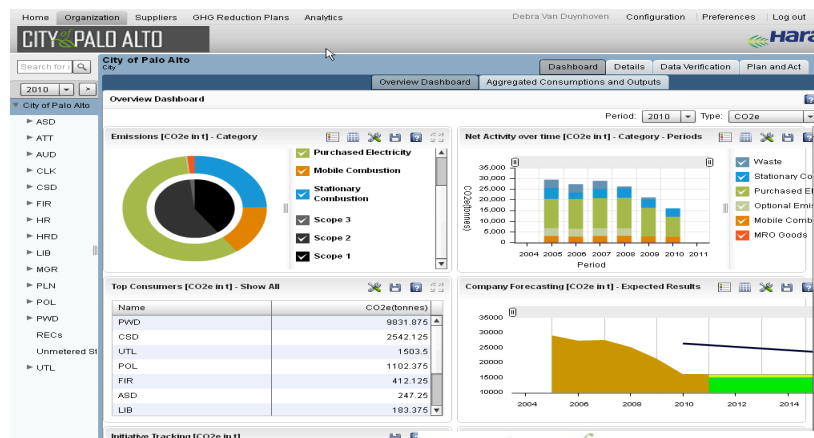


## Climate Protection Plan GHG Emissions Reduction Goals


- **5% reduction\*** for City Operations by **2009** – which we exceeded by 7% (reducing our emissions by 12%)
  - **5% reduction\*** City-wide and a **20% reduction** for City Operations by **2010**
  - **15% reduction\*** City-wide by **2020**
- \*of 2005 levels

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## HARA Energy and Environmental Management Dashboard



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**CITY OF PALO ALTO UTILITIES**  
Inspired by a brighter tomorrow.

BOB SMITH  
122 SAMPLE ST  
PALO ALTO, CA 94301

**Home Energy Report**  
Account number: 1234567890  
Report period: 05/28/10 – 05/29/10

We are pleased to provide this personalized report to you as part of a pilot program.

The purpose of the report is to:

- Provide information
- Track your progress
- Share energy efficiency tips

This information and more available at [CityofPaloAlto.org/HomeEnergyReports](http://CityofPaloAlto.org/HomeEnergyReports)

**Last Month Neighbor Comparison** | You used **12% LESS** energy than your efficient neighbors.

Category	Value
YOU	700 *
Efficient Neighbors	810
All Neighbors	1,100

\* The energy index combines electricity (kWh) and natural gas (therms) into a single measurement.

**How you're doing:**

▶ **GREAT** 😊

Good 😊

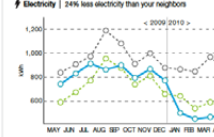
More than average

**Who are your Neighbors?**

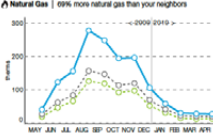
- All Neighbors**: Approximately 150 occupied, nearby homes that are similar in size to yours (avg. 2,000 sq ft) and have both electricity and natural gas service.
- Efficient Neighbors**: The most efficient 20 percent from the "All Neighbors" group.

**Last 12 Months Neighbor Comparison** | You used **22% MORE** energy than your neighbors. This costs you about **\$404 EXTRA** per year.


**Electricity** | 24% less electricity than your neighbors



**Natural Gas** | 68% more natural gas than your neighbors



Turn over for





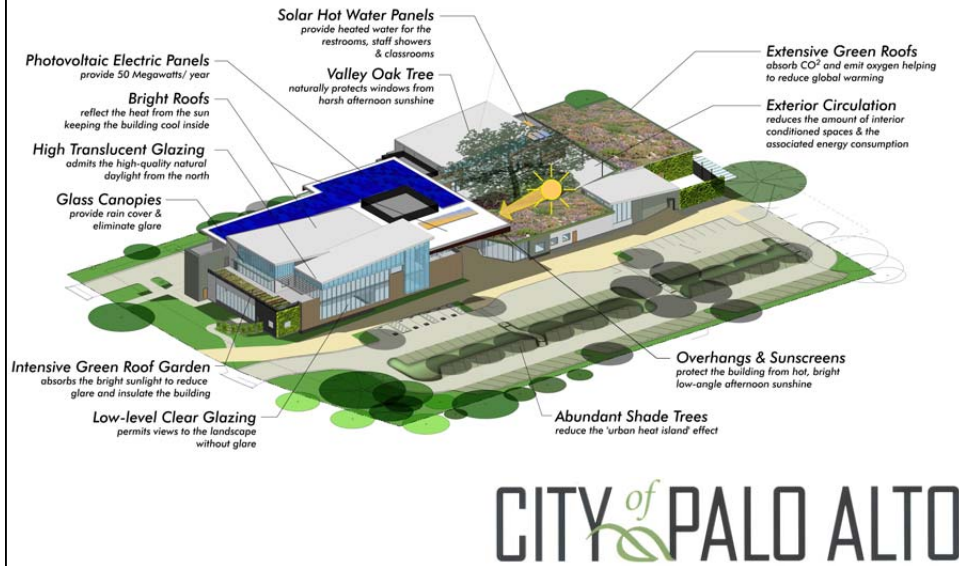
**PaloAltoGreen**







# Future Mitchell Park Library and Community Center



# Zero Waste by 2021



Zero Waste is a philosophy and design principle that goes beyond recycling by taking a whole system approach to managing the flow of resources through society.

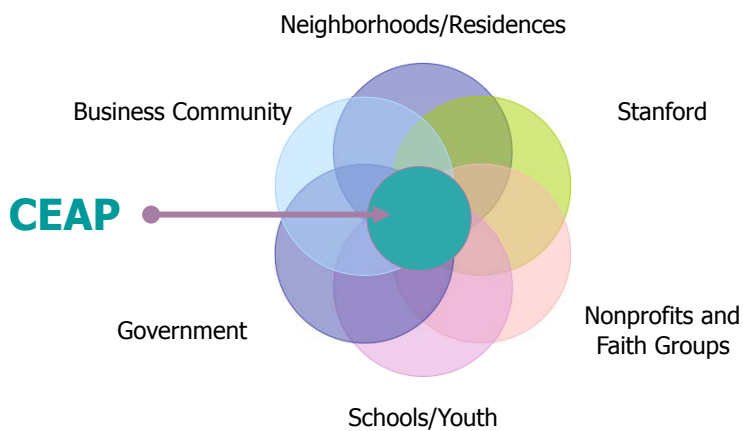
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## Redefinition of our challenges



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## Community Environmental Action Partnership (CEAP)



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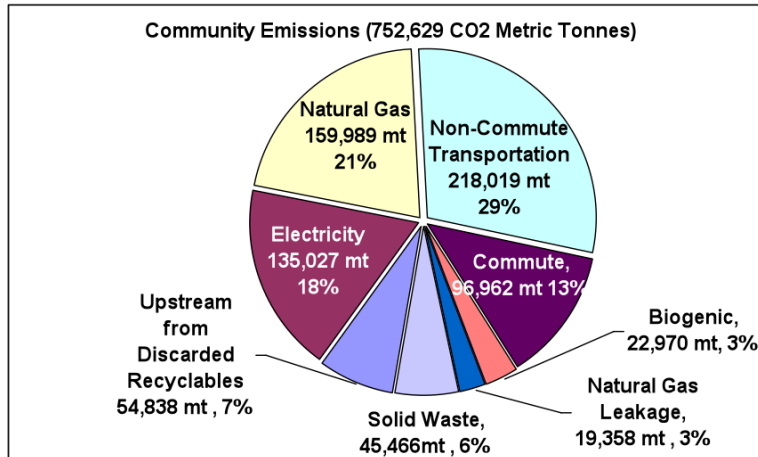
# Act Locally, Impact Globally



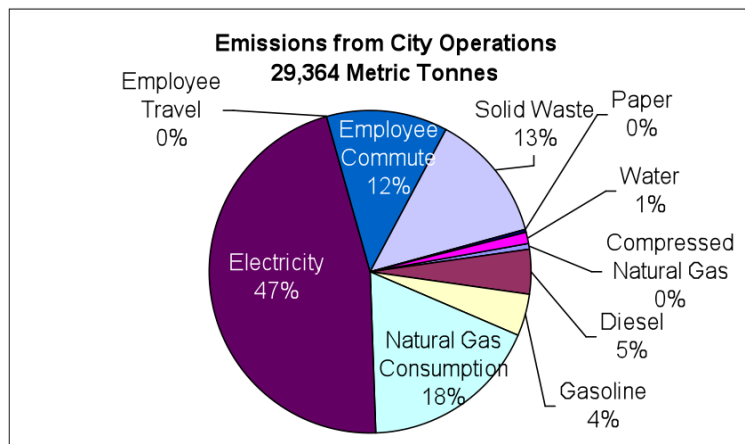
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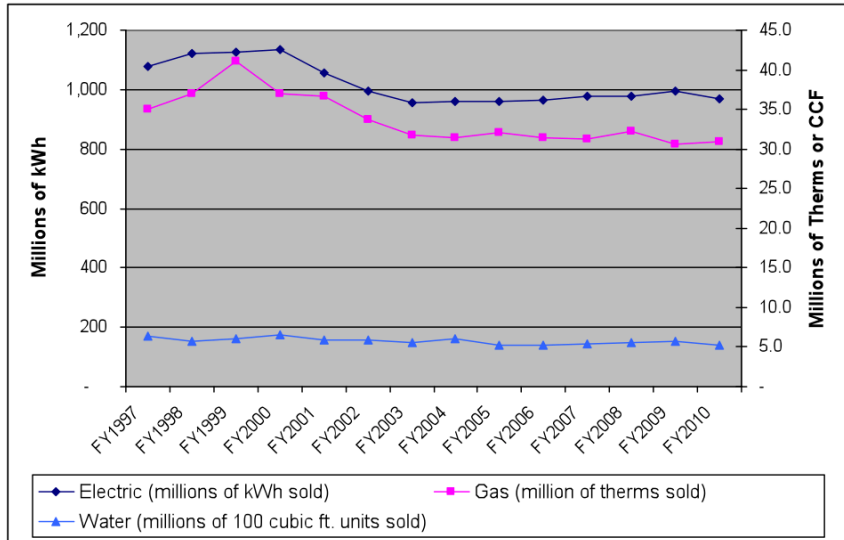
## Greenhouse Gas Emissions from the Community from 2005



## Greenhouse Gas Emissions from City Operations 2005

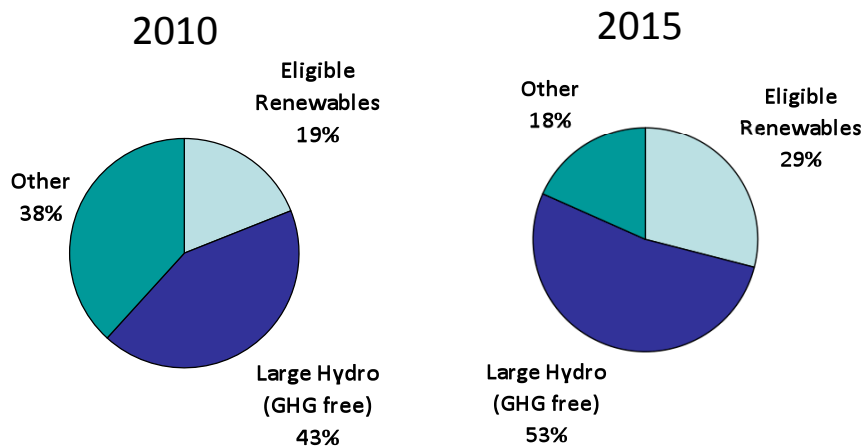


## Use Trends



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## Sources of Electricity



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