



# SUSTAINABILITY COMMITTEE

## Downtown Specific Plan & Sustainability



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DEVELOPMENT SERVICES

# Downtown Specific Plan & Sustainability



- ▶ November 15, 2016 – Joint City Council/Planning Commission Work Session
- ▶ December 12, 2016 – Downtown Specific Plan Task Force Meeting #1
- ▶ January 4 & 5 2017 – Stakeholder Interviews
- ▶ January 23, 2017 - Task Force Meeting #2
- ▶ January 25 or 26, 2017 – Community Workshop #1

# Downtown Specific Plan & Sustainability



- ▶ Connectivity & Mobility
- ▶ Sustainable Landscaping
- ▶ Sustainable Infrastructure Improvements
- ▶ Higher Density Development

# Downtown Specific Plan & Sustainability



## PROJECT APPROACH AND PUBLIC



# Downtown Specific Plan & Sustainability



Santa Monica Zero Net Energy - First of its kind in the world. The update to the City's Municipal Green Building Ordinance states:

- ▶ Single Family/Duplexes/Low-rise Multi-family Dwellings shall be designed to use fifteen (15%) less energy than the allowed energy budget established by the 2016 California Energy Code, and achieve an Energy Design Rating of Zero
- ▶ High-rise Multi-family Dwellings and Non-residential, Hotel, Motel shall be designed to use ten percent (10%) less energy than the allowed energy budget established by the 2016 California Energy Code.



# Discussion



- ▶ What sustainability ideas or components should be incorporated into the Downtown Specific Plan?
- ▶ Are there particular focus areas the Committee would like the consultant team and City staff to focus or concentrate on?
- ▶ What would be on your ideal sustainability “wish list” if cost were not a consideration?

# Discussion





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# **Sustainable Groundwater Management Act: Groundwater Sustainability Agency Formation Options**

UTILITIES & ENVIRONMENTAL SERVICES

Jan Lee  
Water Resources Manager

January 9, 2017



# Sustainable Groundwater Management Act (SGMA)



- ▶ Sustainable groundwater management at local level
  - Groundwater Sustainability Agencies (GSAs)
  - Groundwater Sustainability Plans (GSPs)
- ▶ Applies to medium- or high-priority basins
- ▶ Replaces voluntary groundwater management plans



*"A central feature of these bills is the recognition that groundwater management in California is best accomplished locally."*

Governor Jerry Brown, September 2014

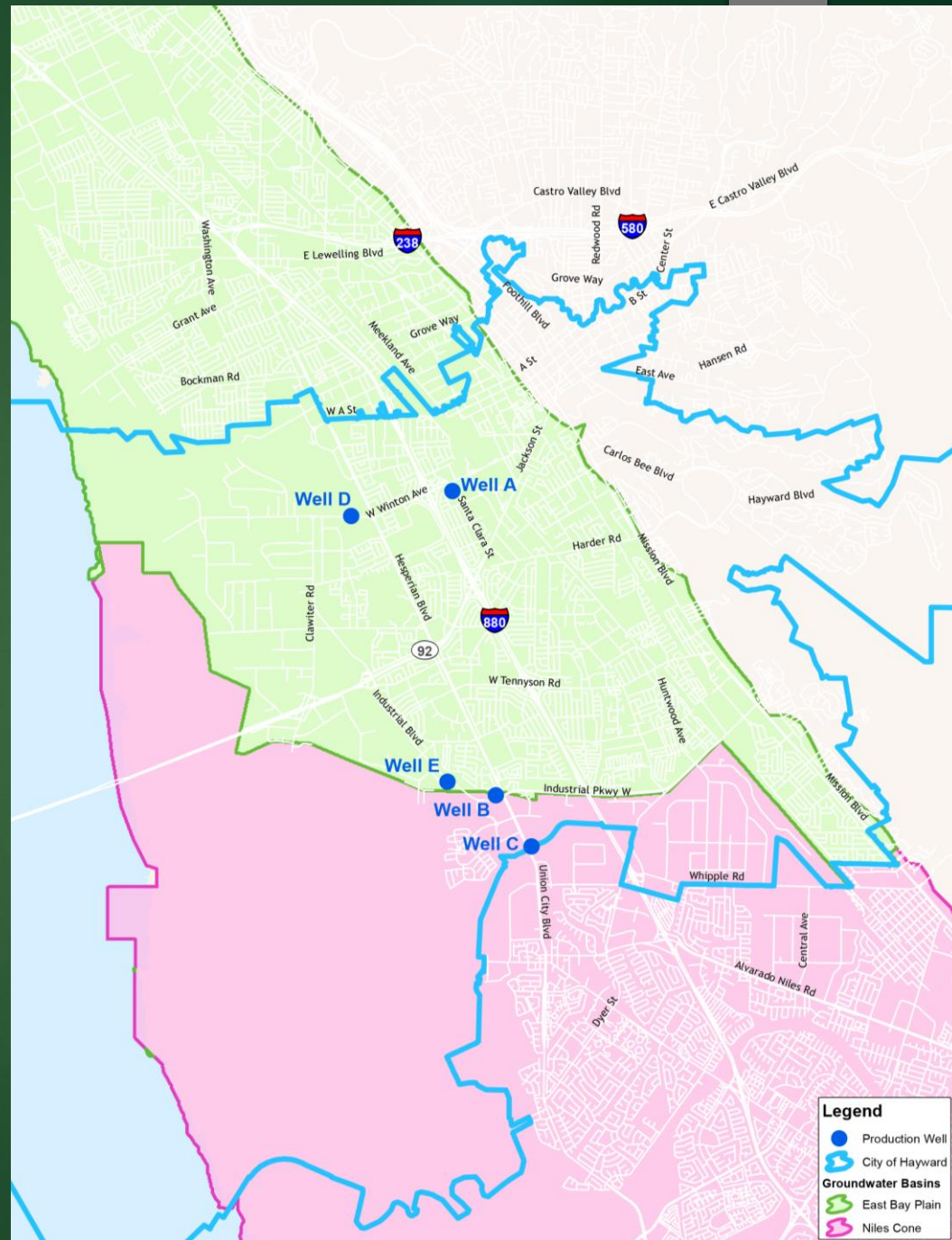
# Relevance of SGMA to Hayward



- ▶ Groundwater management and authority
- ▶ Long history of groundwater use
- ▶ Emergency wells
- ▶ Medium-priority groundwater basins
  - East Bay Plain Basin (EBPB)
  - Niles Cone Basin

# GSA Formation

- ▶ New law requires GSA formation by June 30, 2017





# GSA Formation

- ▶ Niles Cone Basin
  - New law designates ACWD as exclusive agency to manage groundwater
  - ACWD is exclusive GSA for Niles Cone Basin
  - ACWD submittal of Alternative Plans
  - Hayward stakeholder involvement



# GSA Formation

- ▶ East Bay Plain Basin
  - EBMUD GSA for portion of basin underlying EBMUD service area





# GSA Formation

## ► East Bay Plain Basin

- EBMUD GSA for portion of basin underlying EBMUD service area
- **Hayward option to be GSA for portion of basin underlying City**
- **Submit application by early March 2017**





# GSP Options for East Bay Plain



- ▶ Submit to DWR by January 31, 2022
- ▶ Options
  1. Multiple GSPs
  2. Joint Hayward-EBMUD GSP
- ▶ Preliminary discussions with EBMUD



# Public Contact



- ▶ Stakeholder meeting held December 12
  - EBMUD, ACWD, Alameda County, Department of Water Resources
- ▶ Outreach to large groundwater users within Hayward and neighboring agencies
- ▶ Interested parties list that will be used for notification and to ensure regular communication

# Schedule



Action	Date
Stakeholder outreach	December 2016
CSC Recommendation to Council	January 9, 2017
Public hearing and Council consideration	February 7, 2017
Submittal of GSA application to DWR	February 2017
90-day notification period	March - May, 2017
GSA approval by DWR	June 2017

# Recommendations



1. Recommend to City Council that City become a Groundwater Sustainability Agency for portion of East Bay Plain Basin underlying City
2. Continue discussions with EBMUD on preparation of a joint Groundwater Sustainability Plan

# Questions & Discussion





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# Compact of Mayors

## UTILITIES & ENVIRONMENTAL SERVICES

Chris Sturken  
CivicSpark Fellow

January 9, 2017



# What is the Compact of Mayors?



A network of cities and local governments around the world which—

- ▶ Take inventory of greenhouse gas emissions
- ▶ Set emissions reductions targets
- ▶ Assess and adapt to climate change risks
- ▶ Increase accountability



Image courtesy of  
Compact of Mayors

# Why Join?



- ▶ Reaffirm commitments
- ▶ Enhance Hayward's image



Image Courtesy of Sustainability Studies @  
Roosevelt University

# Phases of Compliance



Image courtesy of  
Compact of Mayors

- ▶ Phase 1: Letter of Intent
  - ▶ Prepared for signature
- ▶ Phase 2: GHG Inventory
  - ▶ 2005 & 2010 inventories completed, 2015 in progress
- ▶ Phase 3: Assess Climate Change Risks
  - ▶ Fulfilled by the Local Hazard Mitigation Plan (LHMP) & Climate Action Plan (CAP)
- ▶ Phase 4: Planning
  - ▶ Fulfilled by the LHMP & CAP

# Next Steps



- ▶ With a Committee recommendation, Staff will bring this item before Council.



Image courtesy of  
<https://twitter.com/compactofmayors>

# Questions & Discussion



Contact Info: [chris.sturken@Hayward-ca.gov](mailto:chris.sturken@Hayward-ca.gov),  
510 583 4726



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# Drinking Water Quality Update

UTILITIES & ENVIRONMENTAL SERVICES

Jan Lee  
Water Resources Manager

January 9, 2017





# Upcoming Lead Testing in Schools



- ▶ State effort to learn more about potential occurrence of lead in schools
- ▶ Amended permit
- ▶ Sampling for lead in schools (K-12)
- ▶ Unique sampling plans
- ▶ Communication
- ▶ Next steps

# Mountain Tunnel Shutdown



- ▶ Mountain Tunnel shutdown began December 29
- ▶ No deliveries from Hetch Hetchy system through early March
- ▶ Supply from local reservoirs
- ▶ Differences in water quality
- ▶ Public outreach



Photo courtesy of the *San Francisco Chronicle*

# Questions & Discussion





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# Regional Energy Programs

**UTILITIES & ENVIRONMENTAL SERVICES**

Erik Pearson  
Environmental Services Manager

January 9, 2017

# Energy Efficiency Programs



- ▶ Alameda County Energy Council
- ▶ East Bay Energy Watch
- ▶ Bay Area Regional Energy Network (BayREN)

# Alameda County Energy Council



## Programs:

- ▶ Single-Family and Multifamily Retrofits
- ▶ Innovative Financing
- ▶ Labeling and Recognition Programs
- ▶ Codes & Standards
- ▶ GHG Inventories

**STOPWASTE**  
at home • at work • at school

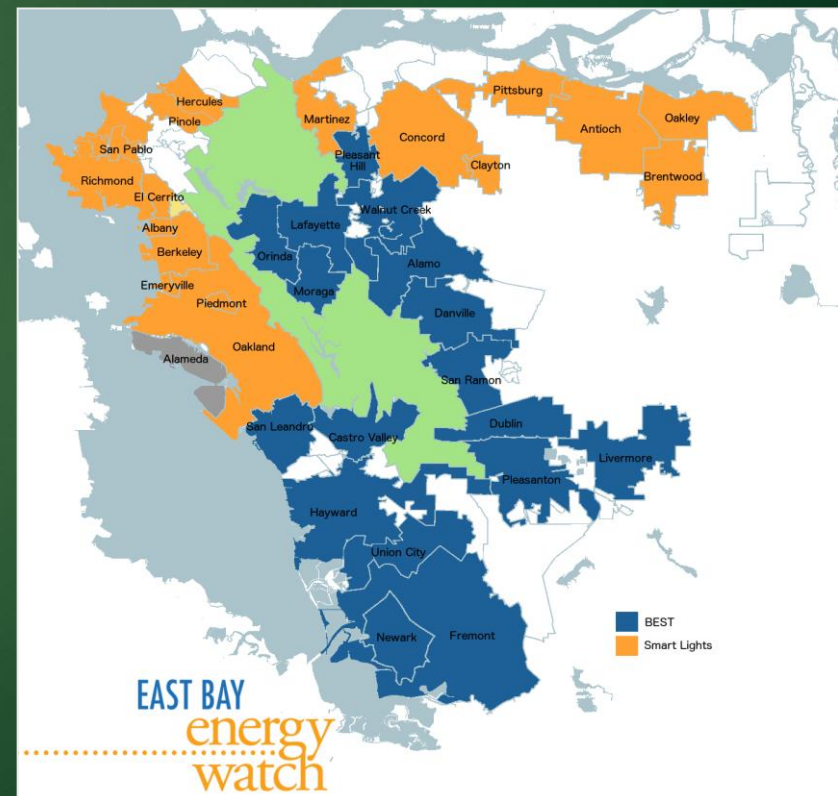


# East Bay Energy Watch



## Programs:

- ▶ Civic Spark
- ▶ Municipal Implementation Team
- ▶ California Youth Energy Services
- ▶ BEST & Smart Lights



# BayREN



## Programs:

- ▶ Home Upgrade Advisor
- ▶ Bay Area Multi-Family Building Enhancement
- ▶ PACE Outreach
- ▶ PAYS



# Next Steps



- ▶ Staff will Continue to Participate with Regional Programs
- ▶ Coordination with East Bay Community Energy
- ▶ CPUC Approval of Ten-Year Business Plan

# Questions & Discussion





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## **Semi-Annual Update on City's Waste Reduction and Recycling Programs**

UTILITIES & ENVIRONMENTAL SERVICES



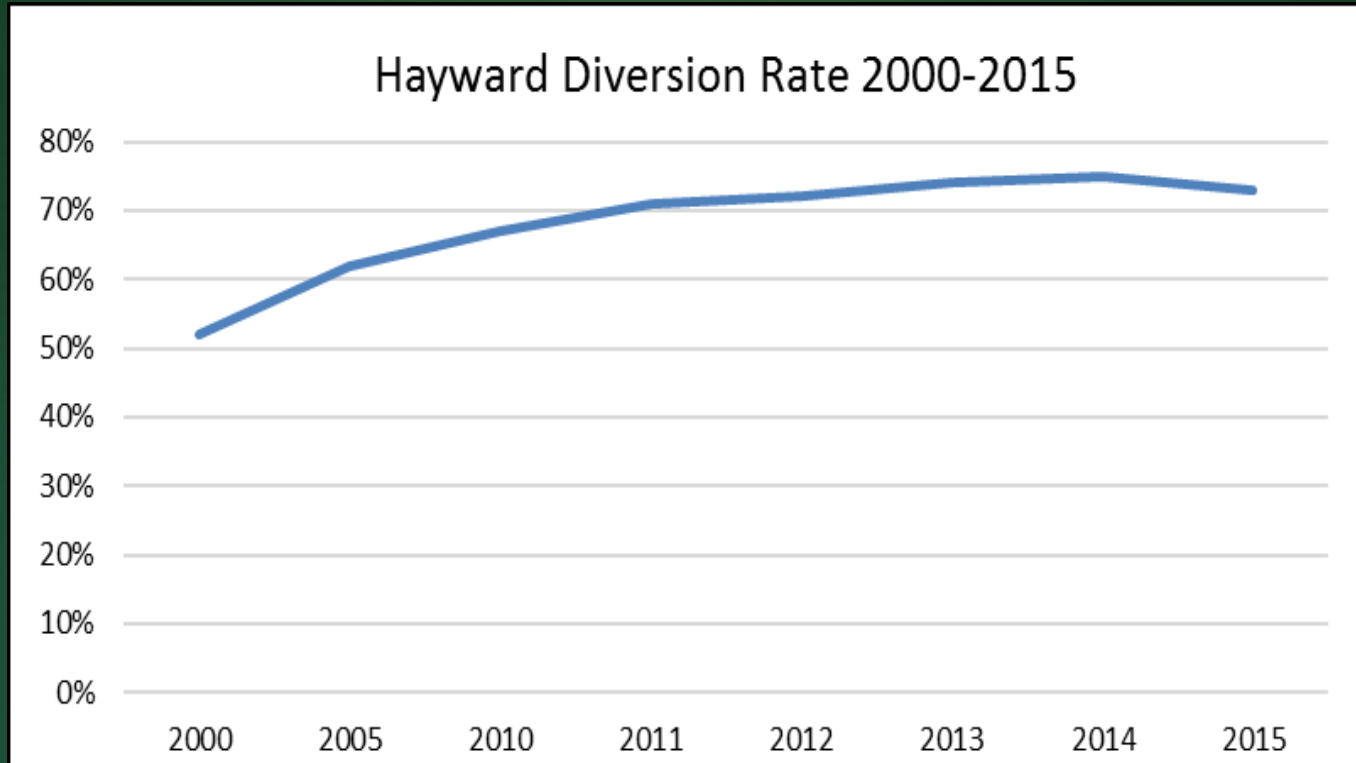
## Diversion Goals

- State = Requires Diversion of 50%
- ACWMA = Goal of 75% Diversion by 2010
- Hayward = Goal of 75% Diversion by 2010, and  
80% Diversion by 2018

## Mandatory Recycling Ordinance

- Phase 2 Effective January 2016
- Requires Businesses and Multi-Family Dwellings to Recycle  
and Sort Organics

# Diversion



2015 Diversion = 73%

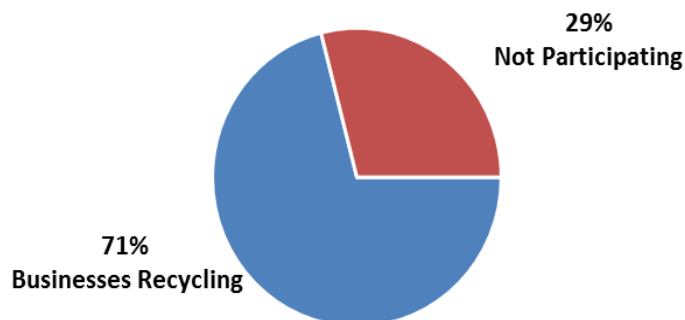


# MRO Compliance - Businesses

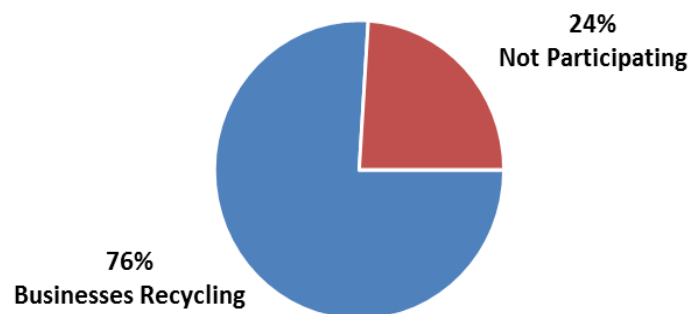


## Recycling

**Total Businesses Recycling - 2015**

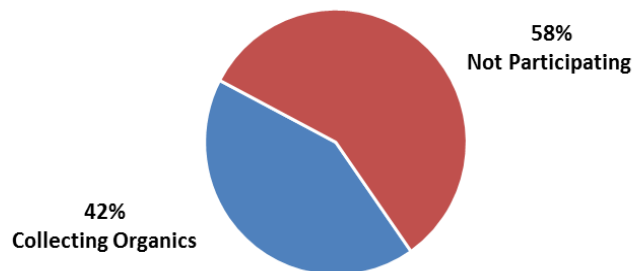


**Total Businesses Recycling - 2016**

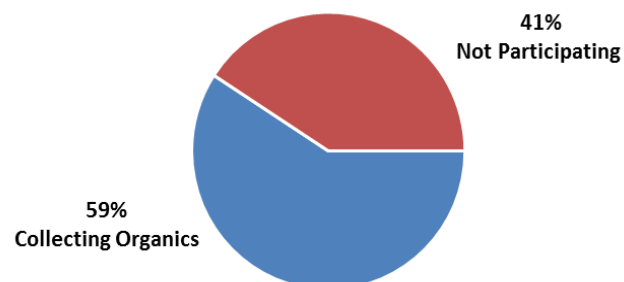


## Organics

**Organics Collection  
Businesses Subject to MRO - 2015**



**Organics Collection  
Businesses Subject to MRO - 2016**

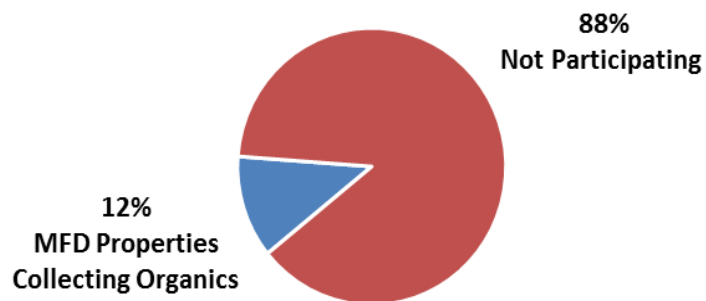


# MRO Compliance - Multi-Family

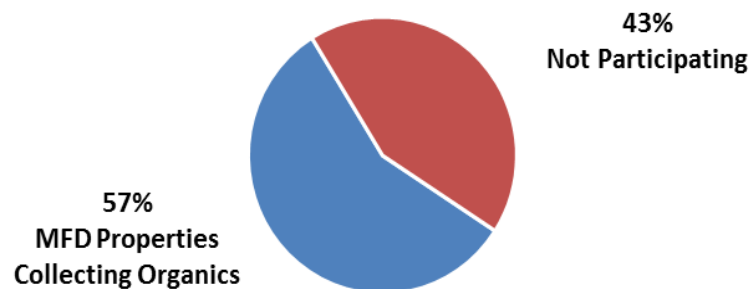


## Organics

**MFD Properties  
Organics Collection - 2015**



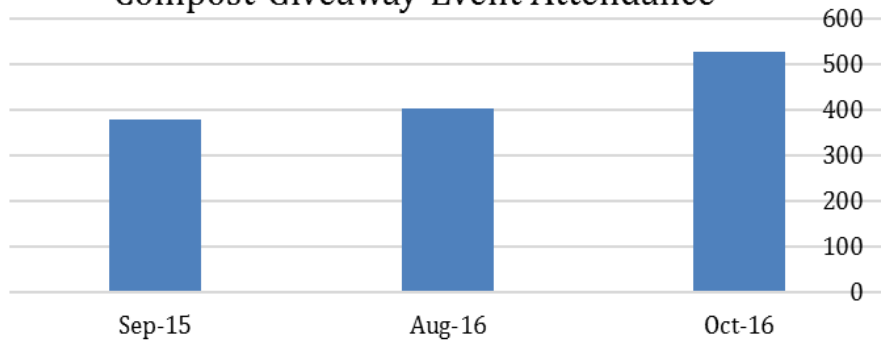
**MFD Properties  
Organics Collection - 2016**



# WMAC Services — Free Compost



Compost Giveaway Event Attendance

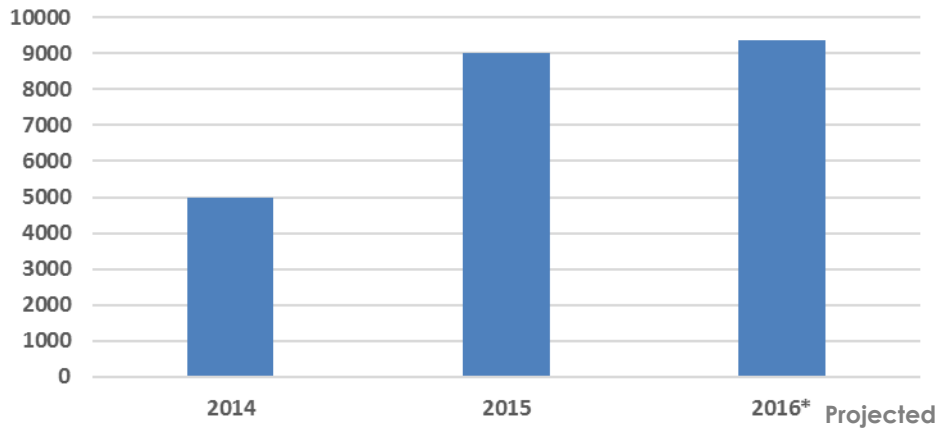




# WMAC Services — Bulky Items



SFD Bulky Item Appointments



# WMAC Performance



- ▶ Franchise Recovery Rate – contractual benchmark
  - ▶ Currently about 37% - goal 50% for 2016

Timeframe	Required Franchise Recovery Rate
Calendar Year (2015)	46%
Calendar Year (2016)	50%
Calendar Year (2017)	54%
Rate Period 4 (2018)	58%
Rate Period 5 (2019)	62%
Rate Period 6 (2020)	66%
Rate Period 7 (2021)	70%
Rate Period 8 (2022)	74%
Rate Period 9 (2023)	78%
Rate Period 10 (2024)	80%



# Next Steps



- ▶ Rates
  - ▶ 3% Rate Increase - March 2017
  - ▶ Cost-Based Rate Setting - 2018
- ▶ C&D Ordinance Update - 2017
- ▶ Bulky Item Report – March 2017

# Questions & Discussion





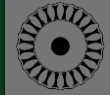
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# Update on PACE

## UTILITIES & ENVIRONMENTAL SERVICES

January 9, 2017

# PACE Participation (As of Dec 2016)



PACE Provider	Applications Approved	Potential Value of Approved Applications	Finished projects	Value of Finished Projects
California FIRST	401	\$11,094,404	154	\$4,130,105
HERO Program	122	\$11,100,000	89	\$1,100,000
Ygrene Funding	ND	ND	51	\$841,633
Figtree Financing	ND		1	\$71,000
Clean Fund	7	\$5,579,000	0	
Alliance NRG	0		0	
PACE Funding	0		0	
<b>TOTAL</b>	<b>530</b>	<b>\$27,773,404</b>	<b>295</b>	<b>\$6,142,738</b>

# PARTICIPATION NUMBERS PACE IN HAYWARD

As of December, 2016



## COMPLETED PROJECTS



295 energy and water projects with a value of over \$6 million

## WATER CONSERVED

Over 8 million gallons of water over the life of the projects



## EMISSION REDUCTIONS

Over 7,700 metric tons of greenhouse gas emissions over the life of the projects



## ENERGY SAVINGS

That's equivalent to powering 1,142 homes or removing 1,633 cars off the road for one year





# Questions & Discussion





CivicSpark

# City of Hayward CAP Implementation

January 9, 2016

Gilee Corral  
CivicSpark AmeriCorps Fellow



Local  
Government  
Commission



# Project highlights

- Launch SEEC ClearPath platform
  - Upload 2005 and 2010 inventories
  - Upload 2011 to 2015 utility data
- Lucid BuildingOS platform launch
- Data visualization and reporting
- Volunteer project: GRID Alternatives



# SEEC ClearPath project

**\* Name**  
 Passenger Vehicles - Gasoline VMT Emissions

**Factor Sets**  
 Transportation  
 2010 Transportation Factor set  
 Grid Electricity  
 PG&E 2010

**Tags**  
 Passenger Vehicles Gasoline

**Information Only**

**Inputs**

Value	Units
<b>Record Type</b>	
On-Road Transportation represents one of the most complex areas in community scale inventories. There are many types of sources, approaches to performing calculations, and reporting frameworks to follow.	
Use the following fields to set the type of record you are accounting for and how you are approaching the calculation.	
Calculation Method	On-Road Factor
VMT Location	In-Boundary
Travel Type	Passenger
Fuel Type	Gasoline
<b>Input Data</b>	
Use the following fields to complete the record	
VMT	951323348.770421
Fuel Use	
CO2 On Road Average Emissions Factor	415.654064342203
CH4 On Road Average Emissions Factor	0.02
N2O On Road Average Emissions Factor	0.017
Population	145000

2010 ClearPath Community Inventory Data Workbook	
This workbook contains calculations for data entered onto SEEC ClearPath for the City of Hayward's 2010 community greenhouse gas inventory: <a href="http://clearpath.californiaseec.org">http://clearpath.californiaseec.org</a>	
Date inventory completed:	11/22/2016
Prepared by:	Gillian Corral, CivicSpark AmeriCorps Fellow
<b>Workbook Contents:</b>	
<a href="#">Sources and Logic</a>	List of most of the data points in the ClearPath inventory with sources, units, and explanation of how figures were calculated.
<a href="#">Residential Energy Outputs</a>	Output report generated by ClearPath - details of inventory records.
<a href="#">Commercial Energy Outputs</a>	Output report generated by ClearPath - details of inventory records.
<a href="#">Energy Calculations</a>	Electricity and natural gas data, emissions factors, and calculations for residential and commercial sectors.
<a href="#">Transportation Outputs</a>	Output report generated by ClearPath - details of inventory records.
<a href="#">Fuel Breakdown Reference</a>	How diesel and gasoline percentages were calculated for the transportation section. Links to "Gasoline Emissions Calculations" and "Diesel Emissions Calculations".
<a href="#">Gasoline Emissions Calculations</a>	Transportation data, emissions factors, and calculations for gasoline passenger cars, buses, and commercial vehicles.
<a href="#">Diesel Emissions Calculations</a>	Transportation data, emissions factors, and calculations for diesel passenger cars, buses, and commercial vehicles.
<a href="#">Off-Road Reference Chart</a>	Charts taken from StopWaste's Community Master Data Workbook for 2010, "Off-Road Fuel Working Data" tab. Used for Off-Road data inputs.
<a href="#">Off-Road Calculations</a>	Off-road vehicle exhaust emissions data and ClearPath emissions calculations.
<a href="#">Rail Calculations</a>	Inputs and emissions calculations for BART and Amtrak.
<a href="#">Air Travel Emissions</a>	Inputs and emissions calculations for Hayward Executive Airport air travel.
<a href="#">Solid Waste Outputs</a>	Output report generated by ClearPath - details of inventory records.
<a href="#">Waste Calculations</a>	Waste data, emissions factor, and emissions output figure.
<a href="#">Water &amp; Wastewater Outputs</a>	Output report generated by ClearPath - details of inventory records.
<a href="#">WPCF Calculations</a>	Data related to the Water Pollution Control Facility and treatment of wastewater: process and fugitive emissions, as well as energy usage at the WPCF (information item).
<a href="#">Water Up &amp; Downstream Calc</a>	Data related to the transportation of water: East Bay Dischargers Authority / Marina Disinfection Facility, pumps and irrigation, wastewater transportation and discharge.
<a href="#">Demographic Data</a>	Population and household data.
<a href="#">Reconciliation</a>	This tab compares emissions and activity totals among three reports on 2010 community greenhouse gas data: StopWaste's 2010 Inventory, Ascend's report associated with the General Plan, and my calculations when running the raw data through the SEEC ClearPath platform.

Community Greenhouse Gas Inventory Guide  
 Using SEEC ClearPath

Completed December 2016 for the City of Hayward  
 Environmental Services Office  
 GILLIAN CORRAL, CIVICSPARK AMERICORPS FELLOW

[http://clearpath.californiaseec.org/users/sign\\_in](http://clearpath.californiaseec.org/users/sign_in)



**CivicSpark** A program of the Local Government Commission



**Local  
 Government  
 Commission**



# A ClearPath to Emissions Reduction

City of Hayward – Utilities & Environmental Services



## How close are we to meeting climate action goals?

As part of its Climate Action Plan (CAP), the City of Hayward completed a baseline greenhouse gas inventory in 2005, with an update in 2010. Data was stored in spreadsheets and obsolete software. Staff needed a way to bring the data up-to-date and report on progress towards the City's climate action goals.

The aim of the project was to modernize the City of Hayward's data collection and analysis process utilizing the Statewide Energy Efficiency Commission (SEEC) ClearPath platform.

Upload data onto ClearPath

- 2005 and 2010 inventories
- 2010 to 2015 utility data



Analyze and visualize data

- Created charts of aggregate data
- Pegged to CAP goals



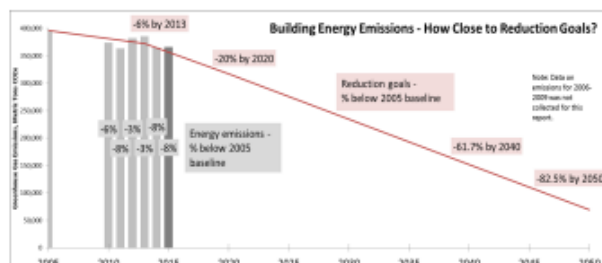
Report results

- CDP Cities
- Council Sustainability Committee



CDP Cities 2016 Information Request City of Hayward

## Results



## Project benefits

### Informed decision making

- Presented inventory report to the Council Sustainability Committee

### Transparency

- Submitted 2016 carbon disclosure report to CDP Cities
- Provided metrics for display on City's new green portal

### Saved staff time

- Streamlined data collection and analysis process
- Easier access to summary data for reporting



**Gillian Corral** joined CivicSpark to get her hands dirty with greenhouse gas emissions data in the name of climate action. She is happiest with a mocha and a new data platform to explore. With a background in community development and M.S. in Comparative Politics at the London School of Economics, she plans to leverage her AmeriCorps experience in the sustainability field as an analyst.



**Local Government Commission**

Leaders for Livable Communities



**CivicSpark** A program of the Local Government Commission

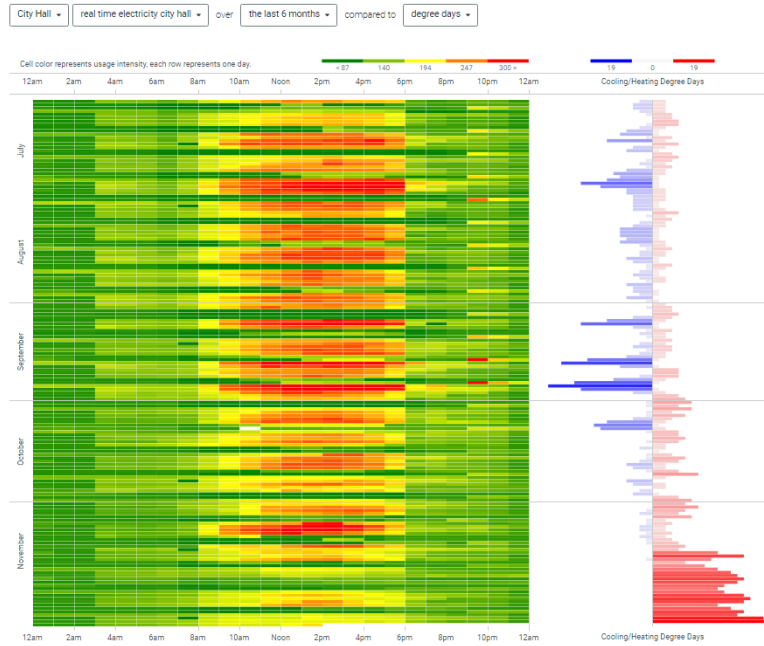


**Local Government Commission**

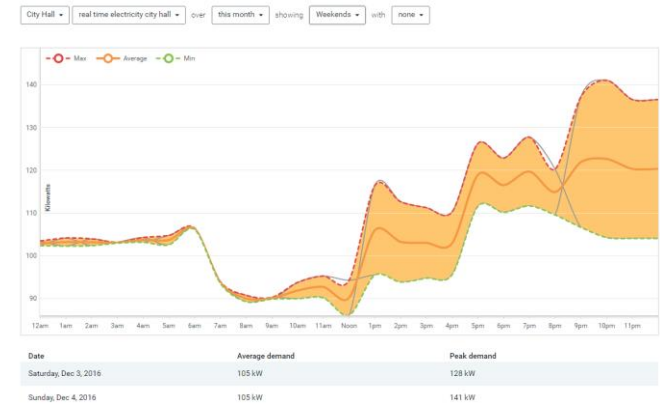


# Lucid BuildingOS platform launch

## Heat Map Analysis



## Load Profile Analysis



<https://buildingos.com/login>

<http://www.hayward-ca.gov/content/city-hall-energy-performance>



**CivicSpark** *A program of the Local Government Commission*



# Sorting out meter data

Property	Site Address	Building or Section	Electricity or gas	ID Type	Label 1	Label 2	Verification Source 1	Verification Source 2	Verification Source	Verification Source	Rate Class	SmartMeter?	Best Guess Correct ID?	Share My Data Status	Closed on SA	Outdated on Energy	Outdated on Building
Animal Shelter and Landscape Division	16 Barnes Ct.			Account Number	Account ID # (from PG&E Accounts List)			PG&E Accounts List									
Animal Shelter and Landscape Division	16 Barnes Ct.			Portfolio Manager Property ID #	Portfolio Manager												
Animal Shelter and Landscape Division	16 Barnes Ct.		elec	Meter ID			Meter photo	PG&E Accounts List Bills		NEMEXP		N	Y	UNAVAILABLE - need SmartMeter			
Animal Shelter and Landscape Division	16 Barnes Ct.		gas	Meter ID			Meter photo	PG&E Accounts List Bills	PG&E Portfolio Manager Bk GNR1			Y	Y	Integrated			
Animal Shelter and Landscape Division	16 Barnes Ct.		elec	SAID				PG&E Accounts List Bills					Y				
Animal Shelter and Landscape Division	16 Barnes Ct.		gas	SAID	Portfolio Manager	BuildingOS EnergyStar		PG&E Accounts List Bills	PG&E Portfolio Manager Benchmarking Database				Y			N	N
Animal Shelter and Landscape Division	16 Barnes Ct.		elec	SAID	Portfolio Manager	BuildingOS EnergyStar										N	N
Animal Shelter and Landscape Division			elec	SAID	Portfolio Manager	BuildingOS EnergyStar		PG&E Accounts List	PG&E Portfolio Manager Benchmarking Database							N	N
Animal Shelter and Landscape Division			elec	Portfolio Manager Meter ID #	Portfolio Manager	BuildingOS EnergyStar										N	N
Animal Shelter and Landscape Division			gas	Portfolio Manager Meter ID #	Portfolio Manager	BuildingOS EnergyStar										N	N
City Hall				Account Number	Account ID # (from PG&E Accounts List)	Electric Account # (sa_acct_id)		PG&E Accounts List									
City Hall			elec	Meter ID			Meter photo	PG&E Accounts List Bills	PG&E Portfolio Manager Bk RESBCTB			UNSURE	Y	Integrated			
City Hall			gas	Meter ID	Customer ID # (sa_service_prem_id)		Meter photo	PG&E Accounts List Bills	PG&E Portfolio Manager Bk GNR1			Y	Y	Integrated			
City Hall																	
City Hall			elec	SAID				PG&E Accounts List Bills	PG&E Portfolio Manager Benchmarking Database				Y				
City Hall			gas	SAID		BuildingOS EnergyStar		PG&E Accounts List Bills	PG&E Portfolio Manager Benchmarking Database				Y			N	N
City Hall			elec	SAID		BuildingOS EnergyStar									Y	N	N
City Hall			elec	Portfolio Manager Meter ID #	Portfolio Manager	BuildingOS EnergyStar										N	N
City Hall			gas	Portfolio Manager Meter ID #	Portfolio Manager	BuildingOS EnergyStar										N	N
City Hall			elec		BuildingOS Share My Data	BuildingOS Share My Data										N	N



# Staff report on GHG inventory

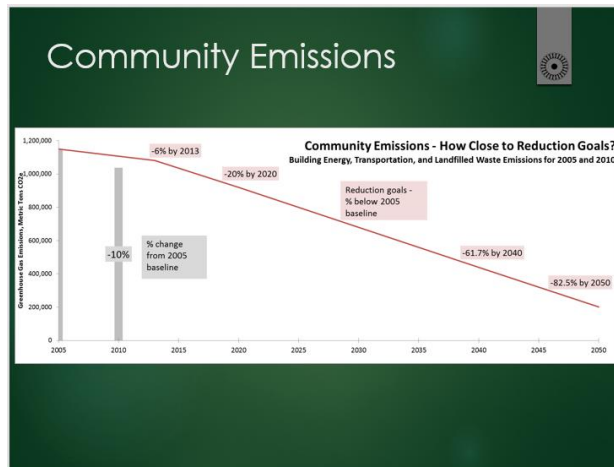
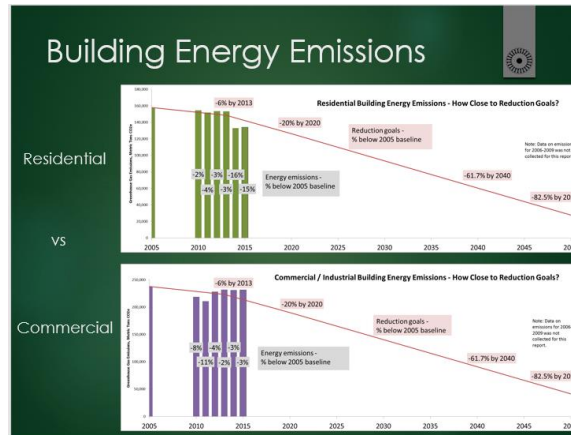


## Update on Community Greenhouse Gas Inventory

UTILITIES & ENVIRONMENTAL SERVICES

Gilian Corral  
CivicSpark AmeriCorps Fellow

July 11, 2016



File #: RPT 19-068  
 Section: Informational Report  
 Status: Agenda Ready  
 Meeting Body: [Council Sustainability Committee](#)  
 Agenda Date: 7/11/2016  
 Final action:  
 Subject: Community Greenhouse Gas Inventory Update: Building Energy Usage and Emissions Data, 2005 - 2015  
 Attachments: 1. [Attachment I: 2005 and 2010 GHG Inventory Comparison Chart](#) 2. [Attachment II: Building Energy Emissions](#)  
 History (1) [Cover Memo Text](#)

DATE: July 11, 2016

TO: Council Sustainability Committee

FROM: Director of Utilities and Environmental Services

SUBJECT  
 Title  
 Community Greenhouse Gas Inventory Update: Building Energy Usage and Emissions Data, 2005 - 2015

**End Recommendation**  
 Recommendation  
 That the Committee review and comments on this report.

**Body**  
**BACKGROUND**  
 Greenhouse gas (GHG) inventories are prepared to assess progress toward the emissions reduction goals of Hay network of cities and regions. The City of Hayward follows ICLEI's protocol for developing GHG inventories. ICLEI  
 • **2005 Baseline:** Cataloged municipal and community (city-wide) emissions and established a baseline  
 • **2010 Inventory:** Municipal and community emissions with a 2005 / 2010 comparison. Sectors cover  
 • **2015 Inventory:** To be completed once transportation data becomes available (expected by early 2016)

Partial inventory data on energy consumption and emissions are periodically presented to give a snapshot of pre reports from 2012 and 2011 are available at <http://www.hayward-ca.gov/2012-environment/green-governance> natural gas usage and related emissions for 2010 - 2015, compared to the 2005 baseline.

General Plan policies and programs related to reducing GHG emissions and building energy consumption include

**Policy NR-2.4 Community Greenhouse Gas Reduction** - The City shall work with the community to reduce emissions respectively.

**Program NR 7. Energy Reduction Initiative and Annual Report** - The City shall develop and implement a public evaluate and report to the City Council annually on the community's progress in achieving the 10% goal, and



# CDP Cities 2016 report

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## City of Hayward

CDP Cities 2016

This is your snapshot report based on your answers to the 2016 CDP Questionnaire. To see how your city compares to other cities check out [Cities Analytics](#).

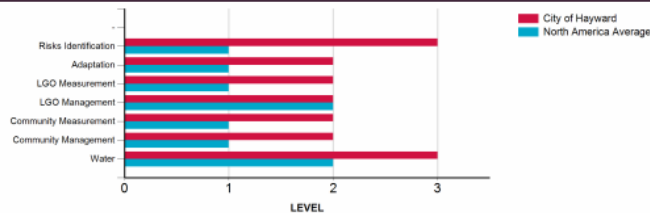
**Public**  
84% of cities disclose publicly

**70** questions answered out of **71** questions available

Compact of Mayors



### Thoroughness indicator

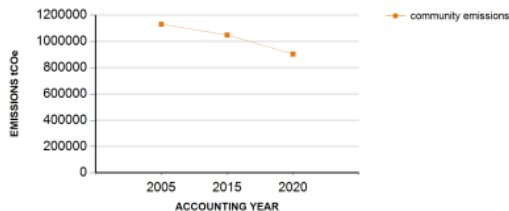


CDP analyzed the breadth and depth of your city's response to the CDP questionnaire. Your city was assessed across 7 themes and measured against 3 levels, with 3 being the highest. For more information about the methodology click [here](#).

Climate Action Plan ☒ Vulnerability Assessment ☒ Adaptation Plan ☒

### Community Emissions

#### Community Emissions Trend and Target



This graph shows your most recently reported emissions against your baseline and emissions target (if reported).

Primary Protocol Used:  
International Emissions Analysis Protocol (ICLEI)

Target Reduction:  
20% by 2020

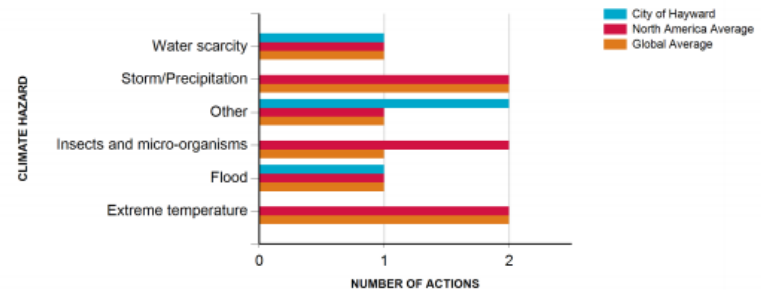
190 cities have a citywide emissions reduction target.

Page 2 of 2



## Climate Hazards and Adaptation Actions

### Number of Adaptation Actions by Climate Hazard

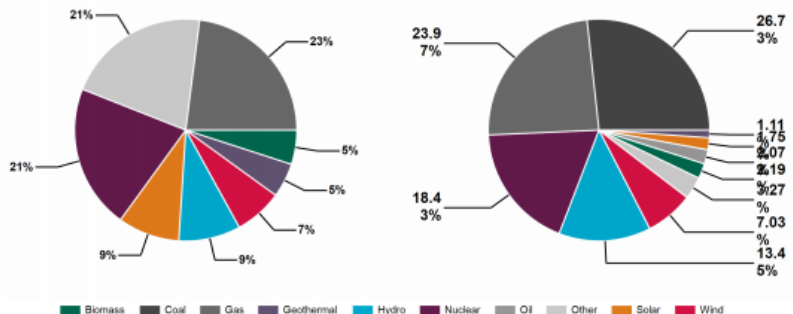


This chart shows the number of adaptation actions reported by your city compared to the region and global average.

## Renewable Energy

### City of Hayward

### Regional Average



Cities consume 78% of energy globally. 35% of cities report that already more than 75% of their electricity is from non-fossil fuel sources.



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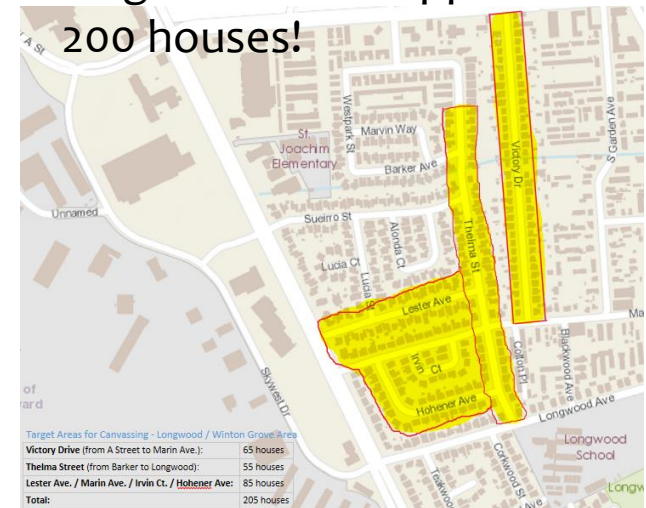


# GRID Alternatives canvassing event



Photo credit: Mary Thomas

Longwood / Winton Grove  
neighborhood – approx.  
200 houses!



# Adventures!



Photo credit: Samantha Carr



Photo credit: Hayward website





# Accomplishments

- Launch SEEC ClearPath platform
  - Uploaded 2005 & 2010 Community inventories
  - Created a 30+ page guide to ClearPath for staff
- Lucid BuildingOS platform launch
  - Achieved meter integrations for elec & gas for every facility
  - Photos of (nearly) all meters for BuildingOS facilities
  - Staff training and assistance in leveraging EnergyStar Portfolio Manager
- Data visualization and reporting
  - Prepared and presented 2016 GHG Inventory Update to CSC
  - Provided metrics for [Sustainability Dashboard](#)
  - Poster displayed at CivicSpark Graduation ceremony and on [LGC website](#)
- Volunteer project: GRID Alternatives
  - Co-organized with GRID their first ever canvassing event in Hayward
  - 12 volunteers visited est. 200 houses, provided fliers & info to homeowners



# Cheers!



Photo credit: Local Government Commission

## Gilee Corral

Twitter: @giliancorral

Linkedin.com/in/giliancorral



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