

Climate Action Plan Report Metrics

Sustainability Commission

Gilee Corral, Acting Sustainability Manager
June 20, 2019



CUPERTINO

What we measure

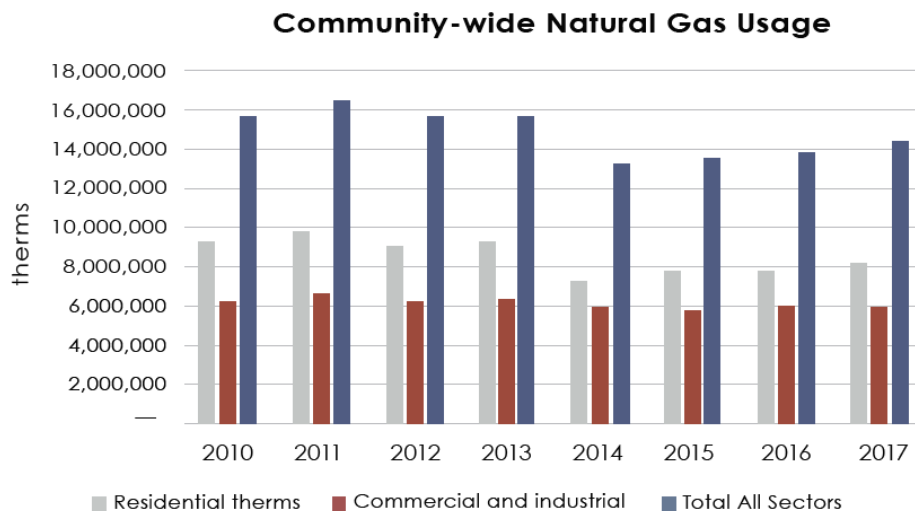
- Metrics:
 - Greenhouse gas (GHG) emissions
 - Energy
 - Water
 - Waste
 - Green infrastructure
- Parameters:
 - Baseline year 2010
 - Target year 2020
 - Community and municipal

Greenhouse gas emissions



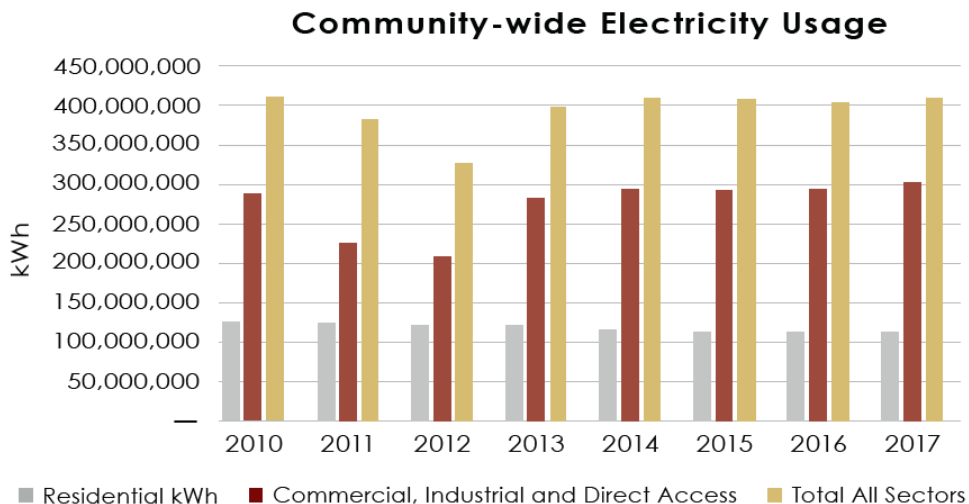
- Goal: 15% ↓ by 2020
- 2015 data: 13% ↓
- Global Covenant of Mayors Compliant

Energy



- No natural gas target
- PG&E Green Communities
- 2017 data: 9% ↓

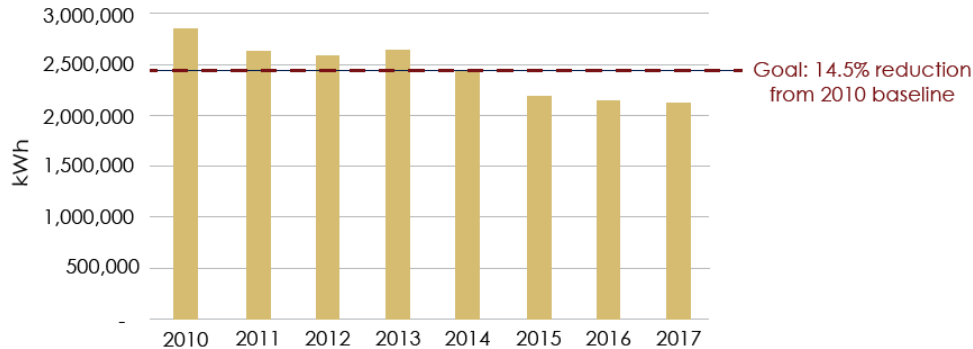
Energy



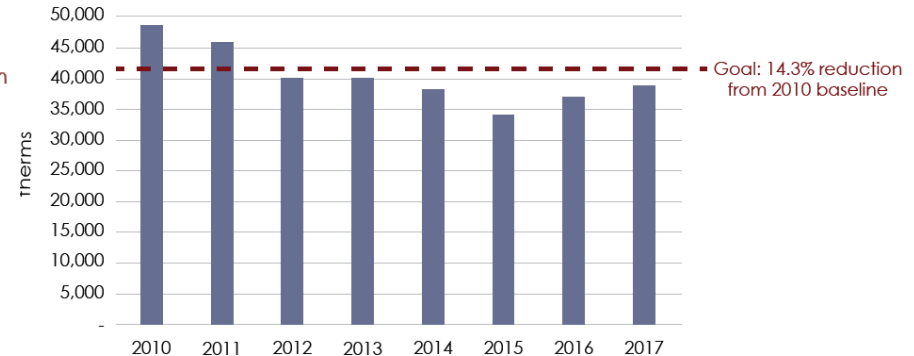
- Target: kWh / year savings; program participation
- PG&E Green Communities + SVCE
- Significant data gaps

Energy

**Municipal Electricity Usage:
Buildings, irrigation, & other uses**

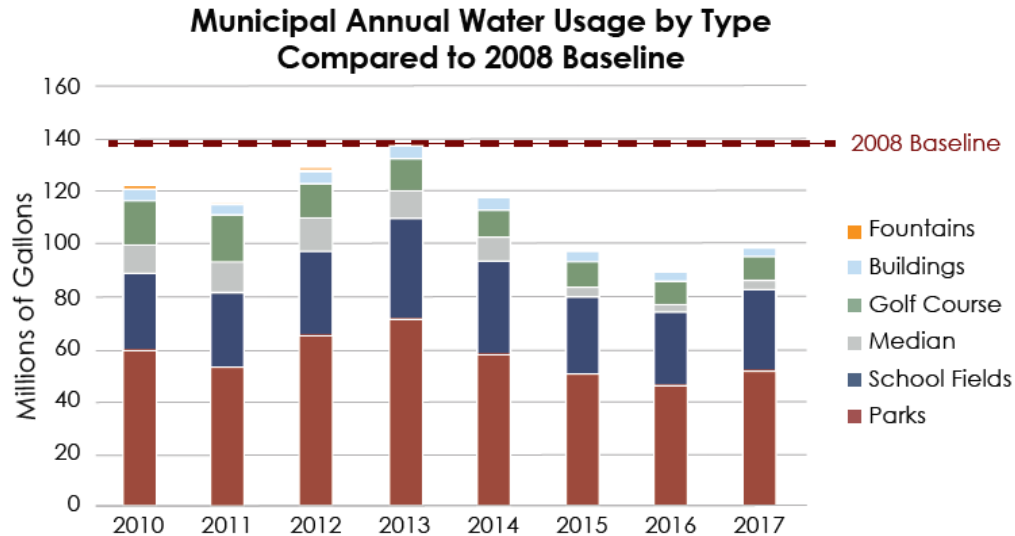


Municipal Natural Gas Usage Compared to Goal



- Target: kWh / therms % reduction
- PG&E + ABAG Power

Water



- Municipal Target: 20% ↓ (2008 baseline)
- Community Target: 20% ↓ per capita (2010 baseline)
- CA Water Service + San Jose Water

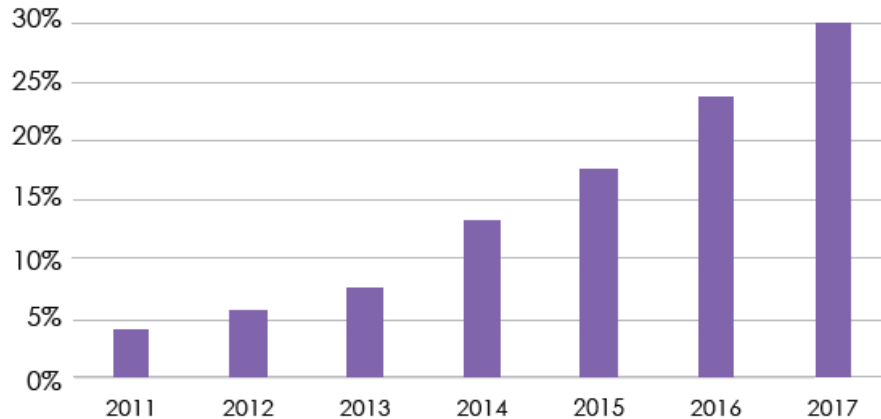
Waste



- Target: divert 75% of waste
- City reports tonnage, CalRecycle creates calculations

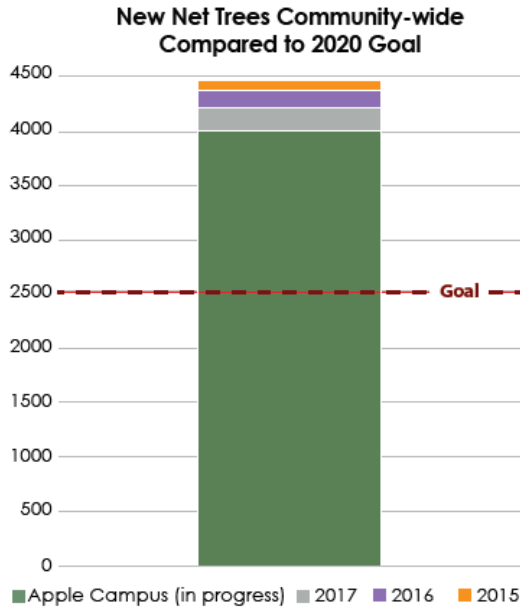
Waste

Percentage of Commercial and Multifamily Accounts with Organics Collection Service



- Target: based on household & businesses % diversion of compostable waste

Green infrastructure



- New net trees target met!

Other metrics...



2.7 MW
of community
solar capacity

installed since 2015, exceeding 2020
goal of 1.5 MW (Measure C-E-5)

City Vehicle Fleet



All Electric
2%



Plug-in/Hybrid
12%



Diesel
23%



Gas
64%

Clean Vehicles 14%

Employee Commute Breakdown by Travel Mode (2017)



87%
Drove Alone



9%
Carpooled
(2 to 6 people)



1%
Biked



1%
Walked



1%
Worked from
Home

...etc.

*Vanpool, public transit, shuttle, motorcycle: **0%**

Sustainability Division

sustainability@cupertino.org



CUPERTINO