

Planning for Future GHG Inventory and Emission Reduction Tracking

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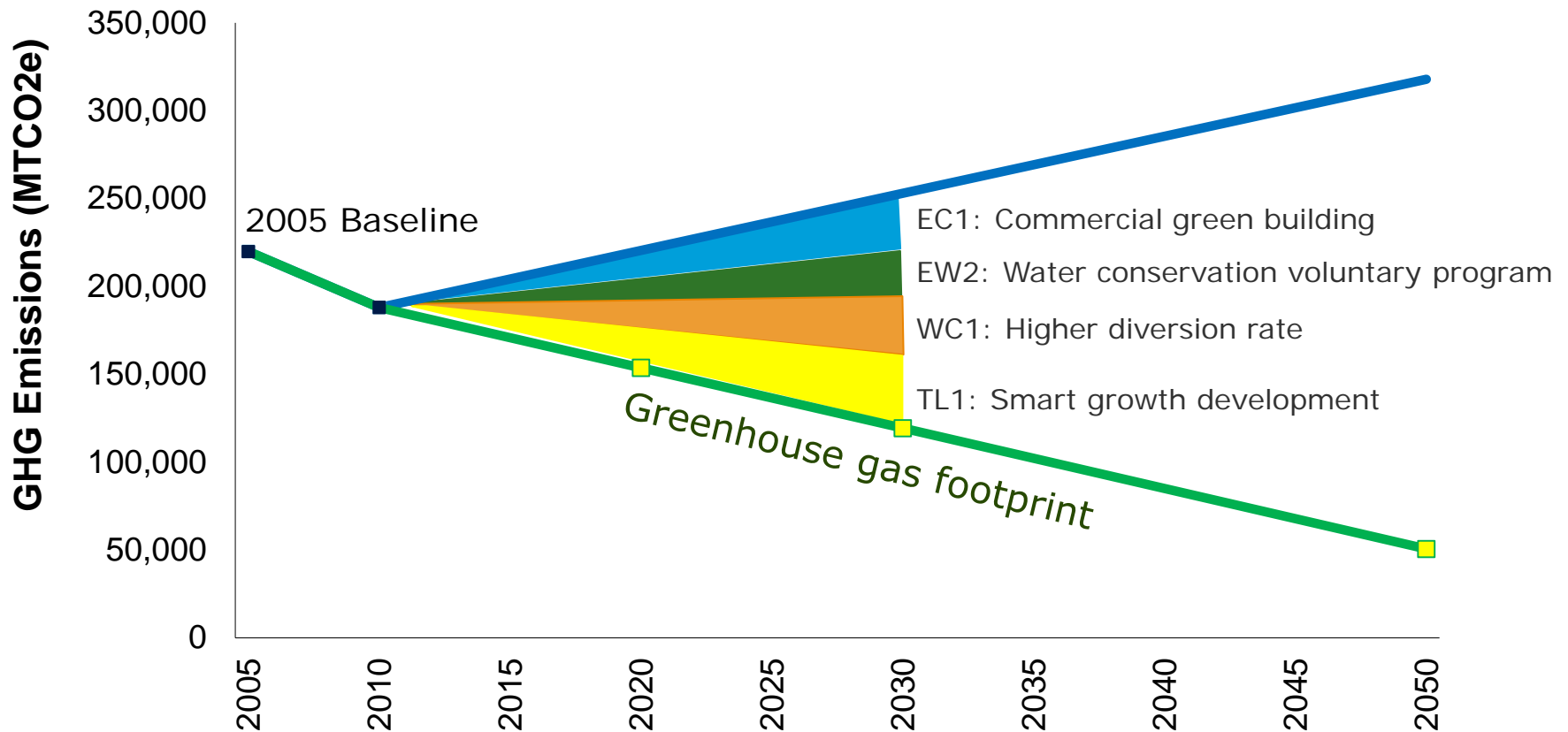
Introduction

- Last month: short discussion of GHG inventory tracking tools
 - Assessment of Hara and other tools being used by cities

- Our goal is to determine what tools and services RICAPS will continue to support
 - Hara is the current tool provided by RICAPS
 - Not many cities are using Hara
 - Renewal is coming up soon

- Two types of GHG data tracking:
 1. Greenhouse gas inventory (footprint)
 2. Greenhouse gas reductions from climate action plan activities

GHG Inventory and Climate Action Plan Implementation



Green line = Greenhouse gas inventory (footprint)

Wedges = Reductions associated with climate action plan measures

Assist with Implementation and Tracking GHG Reductions: Top 3 Measures Selected Countywide

Top 3 Selected Overall			
Rank	Code	Measure Name	Example C/CAG initiative
1	EC4	Participate in Energy Upgrade Program and similar residential rebate/incentive programs as they become available and promote existing rebates (PG&E, State, Federal)	Large Residential Resource Conservation Collaborative LR ² C ²
2	EC2	Residential green building ordinance	
3	EC1	Commercial green building ordinance	
	WC1	Set higher diversion rate goal	Recycling working group
	EM4	Renewable energy installation on municipal property	
	EW2	Water conservation ordinance	
	TL1	Smart growth development	Grand Boulevard, TOD incentive

Top Measures Selected by Each Similar Jurisdiction

Population and Jobs between 10,000 and 40,000

Code	Measure Name	Belmont	East Palo Alto	Foster City	Hillsborough	Millbrae	San Carlos
EC2	Residential green building ordinance	x	X	X	X	X	X
EC4	Participate in Energy Upgrade Program and similar residential rebate/incentive programs as they become available and promote existing rebates (PG&E, State, Federal)	X	X	X	X	X	X
EW1	Water conservation incentives	X	X	X	X	X	X
EW2	Water conservation ordinance	X	X	X	X	X	x

Top Measures Selected by Each Similar Jurisdiction

Population and Jobs 40,000 or more

Code	Measure Name	Burlingame	Menlo Park	Pacifica	Redwood City	San Bruno	City of San Mateo	South San Francisco	County of San Mateo
EC1	Commercial green building ordinance	X	X	X	X	X	X	X	-
EC2	Residential green building ordinance	X	X	X	X	X	X	X	-
EC4	Participate in Energy Upgrade Program and similar residential rebate/incentive programs as they become available and promote existing rebates (PG&E, State, Federal)	X	X	X	X	X	X	X	X
EM5	Energy efficiency in municipal buildings	X	X	X	X	X	X	X	X
TL1	Smart growth development	X	X	X	X	X	X	X	X

Implementation, Tracking and Progress Reports

- Objective: Regular reporting to City / Town Council to maintain attention of climate action plan commitments

- Key Issues for GHG Inventory Data tracking -> similar for attributing GHG reductions to CAP actions
 - Frequency of data collection
 - Who collects the data
 - Where the data goes
 - How the data is used

- Tracking climate action plan progress (countywide vs. city level data availability?):
 - C/CAG lead – PG&E data, program participation
 - City led data collection?
 - Number of solar PV installations
 - Number of EV chargers installed each year

Tracking Emission Reduction Measures and CAP Progress

- How to track progress of CAP policies and measures?
- What type of data is being collected by cities right now?
- A wedge chart showing progress built into a tool would be very useful
- Many cities collect qualitative information, such as program implementation, and report this data to City Council each year
 - Then they review the results of their annual inventory and try to understand why emissions are going up or down

Questions for Discussion

- How should C/CAG continue to provide support for monitoring progress?
- What is needed to make GHG tracking and CAP Progress tracking tools usable?
 - What needs to be in place such that your jurisdiction would use the tools?
- Do you agree that annual tracking is appropriate, or should it be more or less frequent?
- How can we overcome barriers to tracking this information, such as limited staff time and lack of data
- How can we make implementing the climate action plan a priority to City Council?

Next steps

- Survey: input from San Mateo jurisdictions
 - Understand what is important to cities related to climate action planning
 - Inform future initiatives and services provided by C/CAG
 - Identify what cities can commit to for data collection

- **Survey coming soon: Stay tuned!**

Questions / Feedback

GHG Inventory and Emission Reduction Tracking Tools

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