

Sebastopol City Council Meeting
February 17, 2015



Climate Action in Sonoma County

2002

All Sonoma County communities (10 jurisdictions) committed to reducing GHG's

2005

All Sonoma County communities (10 jurisdictions) adopted a target of reducing emissions by 25% below 1990 levels by 2015

2008

Community Climate Action Plan, created by Climate Protection Campaign and community members

2009

Legislative creation of the Regional Climate Protection Authority to work with Sonoma County communities to address Climate Change and reduce GHG

2012

City of Santa Rosa adopted Community Climate Action Plan

Today

Climate Action 2020: A regional program to reduce greenhouse gas emissions for Sonoma County communities



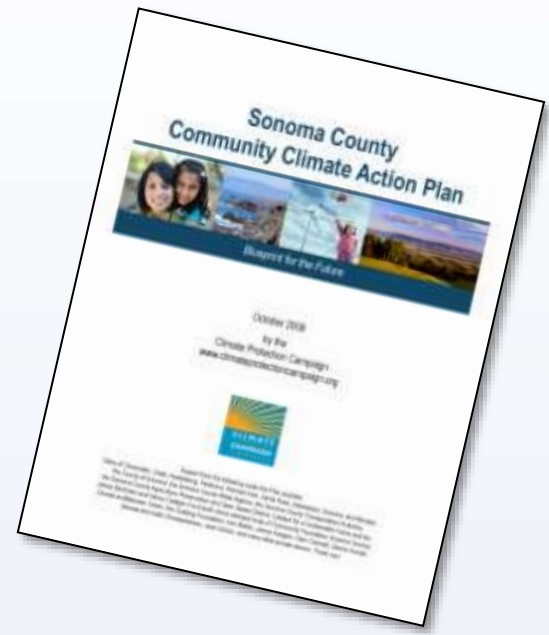
Sonoma County Accomplishments



A collaborative effort among all cities and the county

To take further actions to reducing Greenhouse Gas emissions community-wide

Building upon the climate protection efforts and goals accomplished in Sonoma County to date.



Community-wide multi-jurisdictional Regional Climate Action Plan (9 cities and county) with an individual Climate Action Plan for each jurisdiction

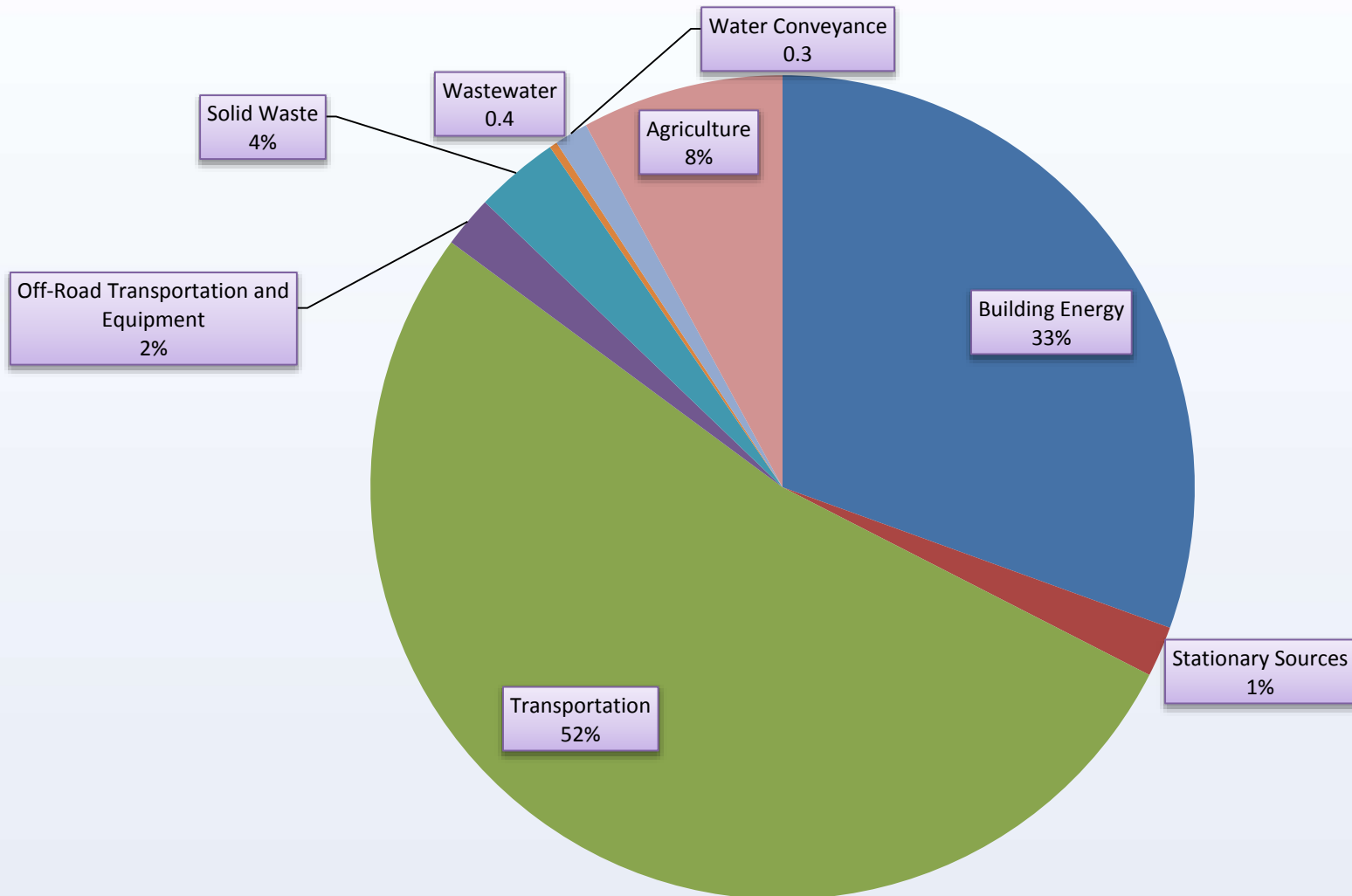
- Update GHG Inventories
- Policy Gap analysis of current policies
- Determine GHG reduction strategies to reach target goals
- Co-Benefit analysis
- Adaptation and Resiliency strategies
- Revisit GHG Reduction Target
- CEQA Document

	Reduced Energy Use		Reduced Energy Price Volatility
	Reduced Waste Generation		Economic Growth
	Resource Conservation		Public Health Improvements
	Energy Diversification and/or Security		Increased Quality of Life
	Reduced Air Pollution		Reduced Urban Heat Island Effect
	Increased Property Values		Smart Growth

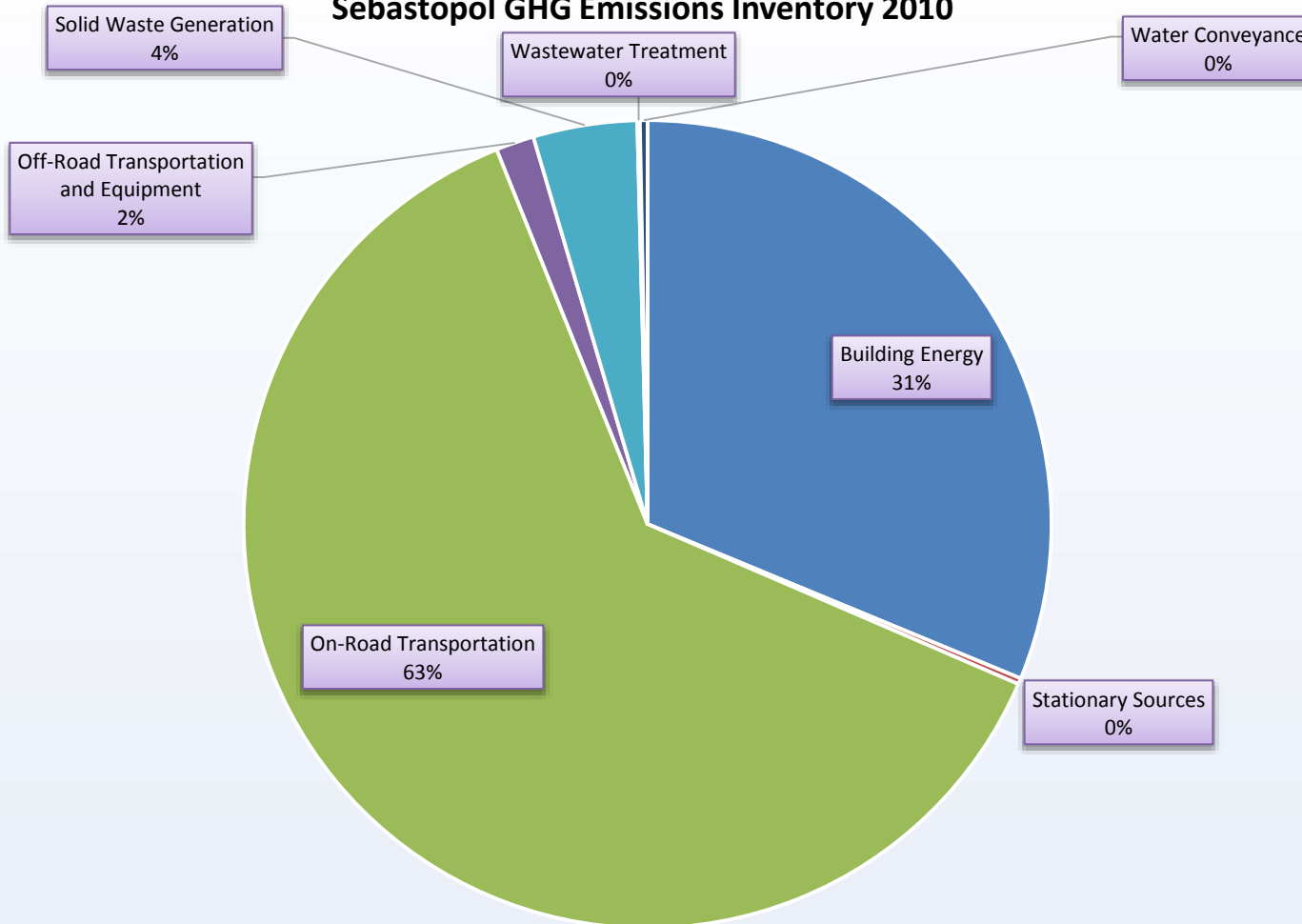


Draft GHG Inventory and Forecast

Countywide Emissions by Sector for 2010



Sebastopol GHG Emissions Inventory 2010





Overview of Potential GHG Reduction Measures/Strategies

Example GHG Reduction Strategies

- Includes existing and new actions
- Spans all sectors of the inventory
- Each jurisdiction will customize their list of actions for adoption

Example: Transportation/ Electric Vehicles

Encourage/Educate: Identify streets appropriate for neighborhood electric vehicle use and provide maps

Incentivize: Partner with state and regional agencies to provide rebates for residents and businesses that purchase electric vehicles

Require: Require all new residential development to install electric vehicle chargers

Stakeholder Advisory Group

- Three representatives from each city and two representatives from each County supervisorial district chosen by the Regional Climate Protection Authority Board of Directors based on:
 - Understanding and commitment to the goals and objectives of RCPA in developing the Climate Action 2020
 - Community leadership and ability to represent the sentiment of the community you live in.
- Meetings are planned at key project milestones and subject to the Brown Act



Sectors represented

- Energy Efficiency
- Renewable Energy
- Agriculture
- Viticulture
- Business
- Community Non-profits
- Environmental
- Transportation
- Social Justice
- Environmental Justice
- Real estate
- Health
- Economic Development
- Education
- Open Space
- Waste
- Water

Projected North Bay Impacts

- More variable rainfall
- Warmer temperatures
(milder winters, summer heat waves)
- Uncertain stream flow, variable aquifer recharge
- Drier end-of-season soils and vegetation
- Increased fire risk
- Increased drought risk
- Increased flood risk
- Shifts in forest and agricultural land suitability
- Local plant and animal species stressed
- Invasive species flourish and expand

Climate Impacts and Adaptation

Funding

California State Strategic Growth Council, Sustainable Communities Planning Grant- \$1 million

- Each city for staff time- \$35,000

Northern Sonoma County Air Pollution Control District

- to support development of CEQA document

Bay Area Air Quality Management District

- to support creation of the Model policy implementation tool kit



Project Schedule

Milestone	Completion Date
GHG Inventory and forecast development Policy Gap Analysis GHG Candidate Reduction Measure Development	May 2013 to December 2013
1 st Community Public Workshop in Sebastopol (Round 1)	January 2014
Review and Compile Quantification of GHG Reduction Measures	Spring 2015
Public Draft Climate Action Plan for public comment	June-July 2015
2 nd Community Public Workshop Sebastopol (Round 2)	June/July 2015
Final Climate Action Plan Complete for City Council Adoption	November 2015-February 2016

Thank you!

Misty Mersich, CA2020 Project Manager
mmersich@sctainfo.org, 707-565-5373
Regional Climate Protection Authority

www.sonomarcpa.org/climateaction



www.facebook.com/climateaction2020