

Overview – Climate Plan (2008)



LOCAL ACTION PLAN FOR CLIMATE PROTECTION

GOAL: Reduce
GHG emissions to
25% below 2005
baseline by 2020

Initiatives for:

- ✓ Transportation and Land Use
- ✓ Energy
- ✓ Water and Recycling
- ✓ Outreach and Education

CONSUMPTION

Consumption reduction by sector

Percent change 2005 to 2015

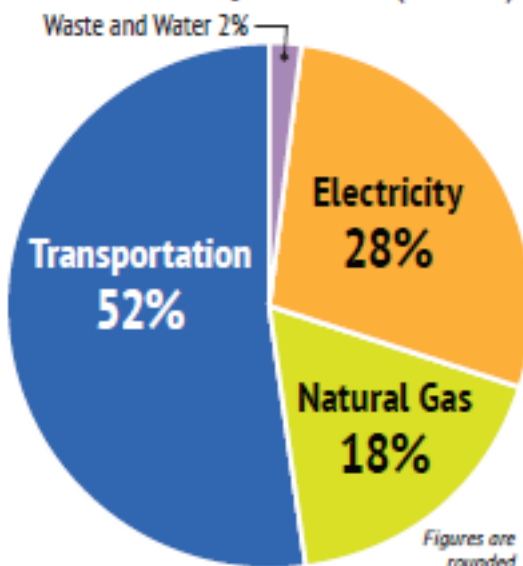
Transportation
-4%

Electricity
-5%

Natural Gas
-18%

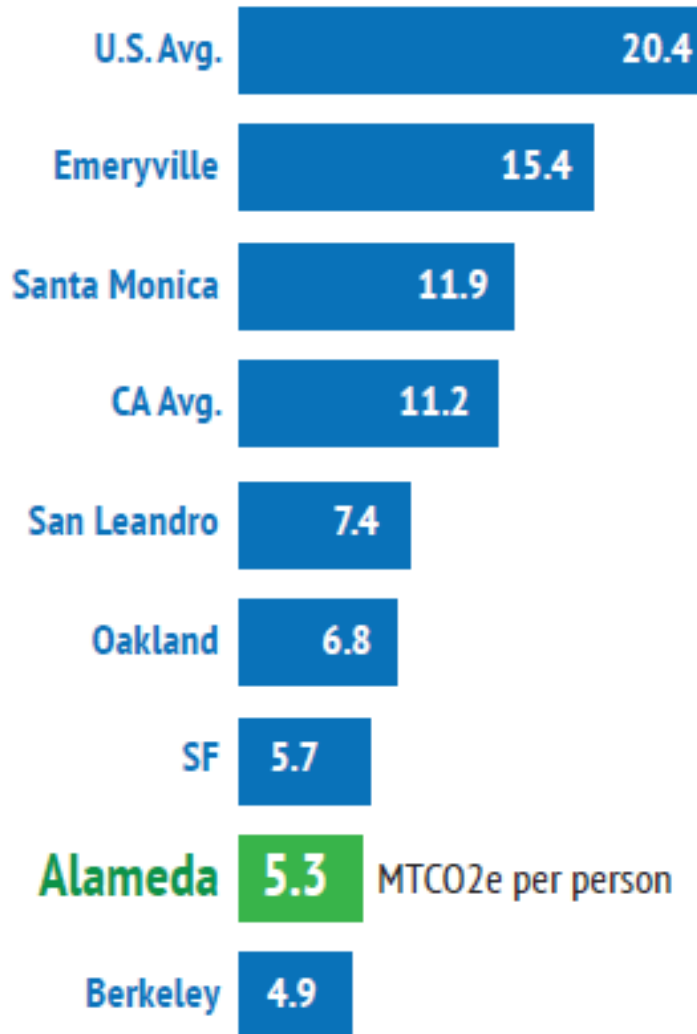
Waste
-46%

Emission by sector (2015)



EMISSIONS COMPARISON

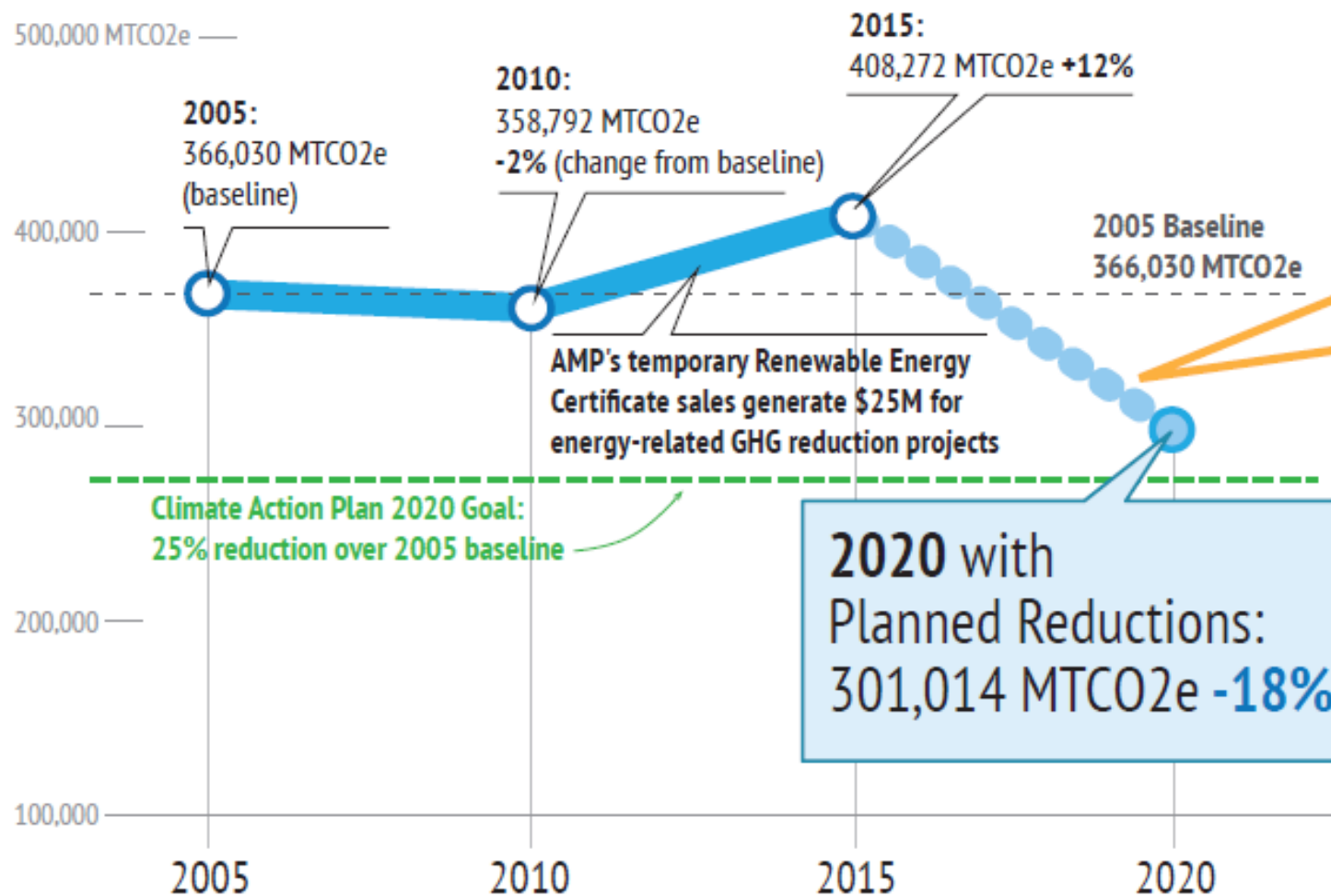
Per Capita Greenhouse Gas Emissions



THE BIG PICTURE: EMISSIONS THROUGH 2020

Reduction in Greenhouse Gases

Reduction in Metric Tons of Carbon Dioxide Equivalent



**100%
CARBON
NEUTRAL
POWER IN
2020**

Alameda's electricity will be 100% carbon neutral in 2020, as it will come from geothermal, hydroelectric, landfills, wind, and other renewables.

What's happened in 2017?

- Obtained City Council Direction
 - Update Alameda's 2008 Climate Plan
 - Create a "Straws on Request" and compostable food ware ordinance
- Held workshops: May 23 and October 5
- Reconvened Green Team with CASA
- Completed Emissions Inventory update
- Hired Climate Action Fellow with grant support
- Conducted public survey (140 responses)
- Submitted adaptation grant

Plan Update Inputs

Source	Input	Date
Transportation	Transportation Choices Plan	Fall 2017
Natural Gas	Pacific Gas & Electric (PG&E)	Update: 2019
Electricity	Alameda Municipal Power (AMP)	Update: 2019
Waste	Zero Waste Plan	Early 2018
Stormwater	Green Infrastructure Plan	Spring 2018
Land Use	Community Development Dept.	Update: 2019



Climate Action Plan Update (2019)

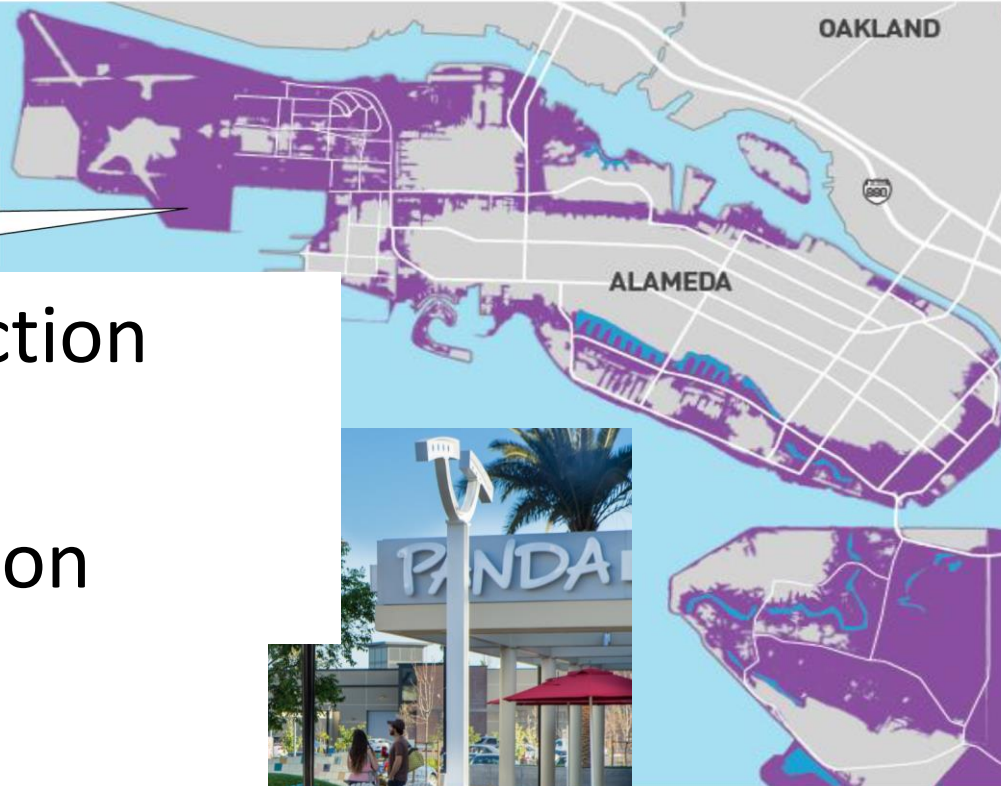
Adaptation in 2017

- 2017-2019 Capital Budget, *What is Alameda doing about Sea Level Rise?*
- Won \$10,000 grant for SLR vulnerability assessments
- Finalist for Resilient By Design Challenge
- Adaptation break-out at workshop
- Applied for adaptation planning grant
- BCDC supporting our adaptation plan

Plan Update's Components

SEA LEVEL RISE RISK

 Flood risk areas with a sea level rise of 2 ft. during a 100-year storm event



GHG reduction
plus...

- Adaptation



Draft 2018/2019 Work Plan

Date	Task
Early 2018	Hire consultant experts after issuing a Request for Proposals (pending City Council approval)
Mid 2018	Conduct workshop/survey on existing conditions
Fall 2018	Conduct workshop/survey on strategies
Spring 2019	Conduct workshop on the Draft Plan
Mid 2019	Request City Council approval of Draft Plan

Closing

- Authorize RFP and award of consulting contract up to \$300,000 to complete Climate Plan
- Authorize appropriations for the Climate Plan from the General Fund (\$100,000), Measure B/BB (\$100,000), and other funds (\$100,000)