

Rendez-vous Collectivités viables 2017

#RDV17

# LE *CLIMATE ACTION PLAN* DE SACRAMENTO

**Kate Gillespie**

Directrice de l'aménagement, Ville de Sacramento, Californie

# THE CITY OF SACRAMENTO'S CLIMATE ACTION PLAN

PRESENTED BY KATE GILLESPIE, AICP - PLANNING DIRECTOR, COMMUNITY DEVELOPMENT DEPARTMENT



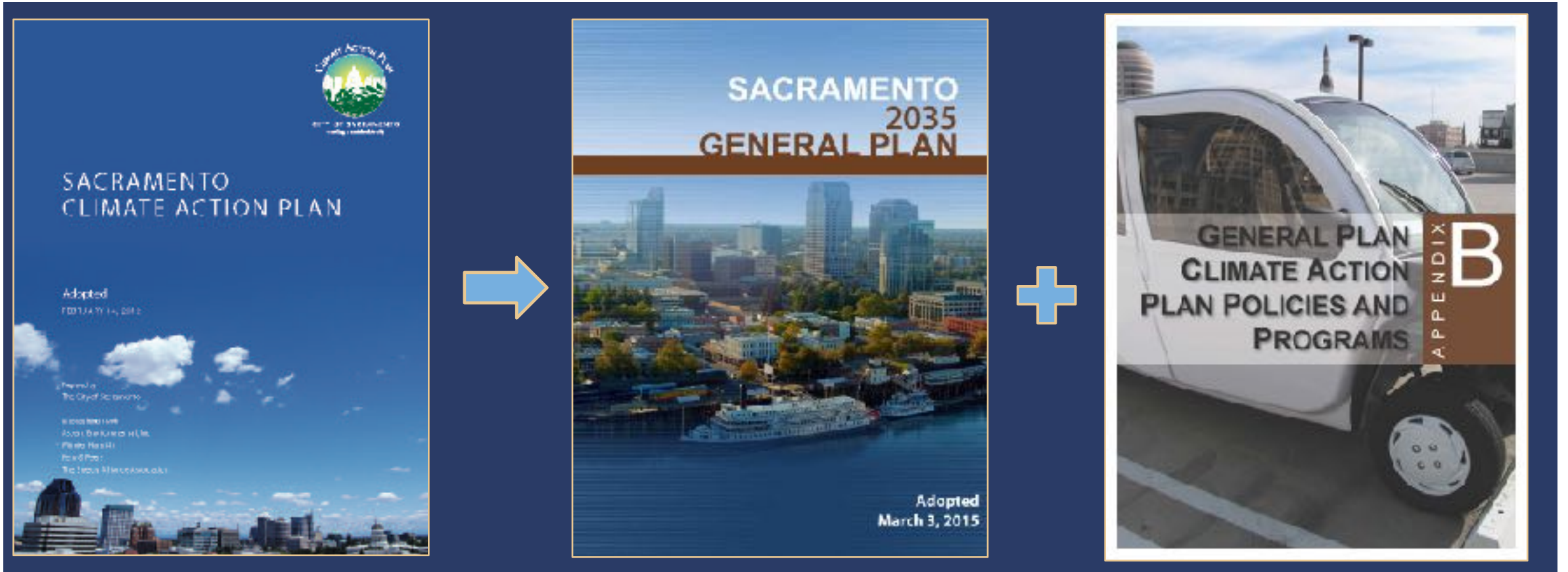
# THE CITY OF SACRAMENTO'S CLIMATE ACTION PLAN

AN ELEMENT OF THE 2035 GENERAL PLAN — — — FIVE YEARS OF LESSONS 2012 - 2017

2012

2015

2015

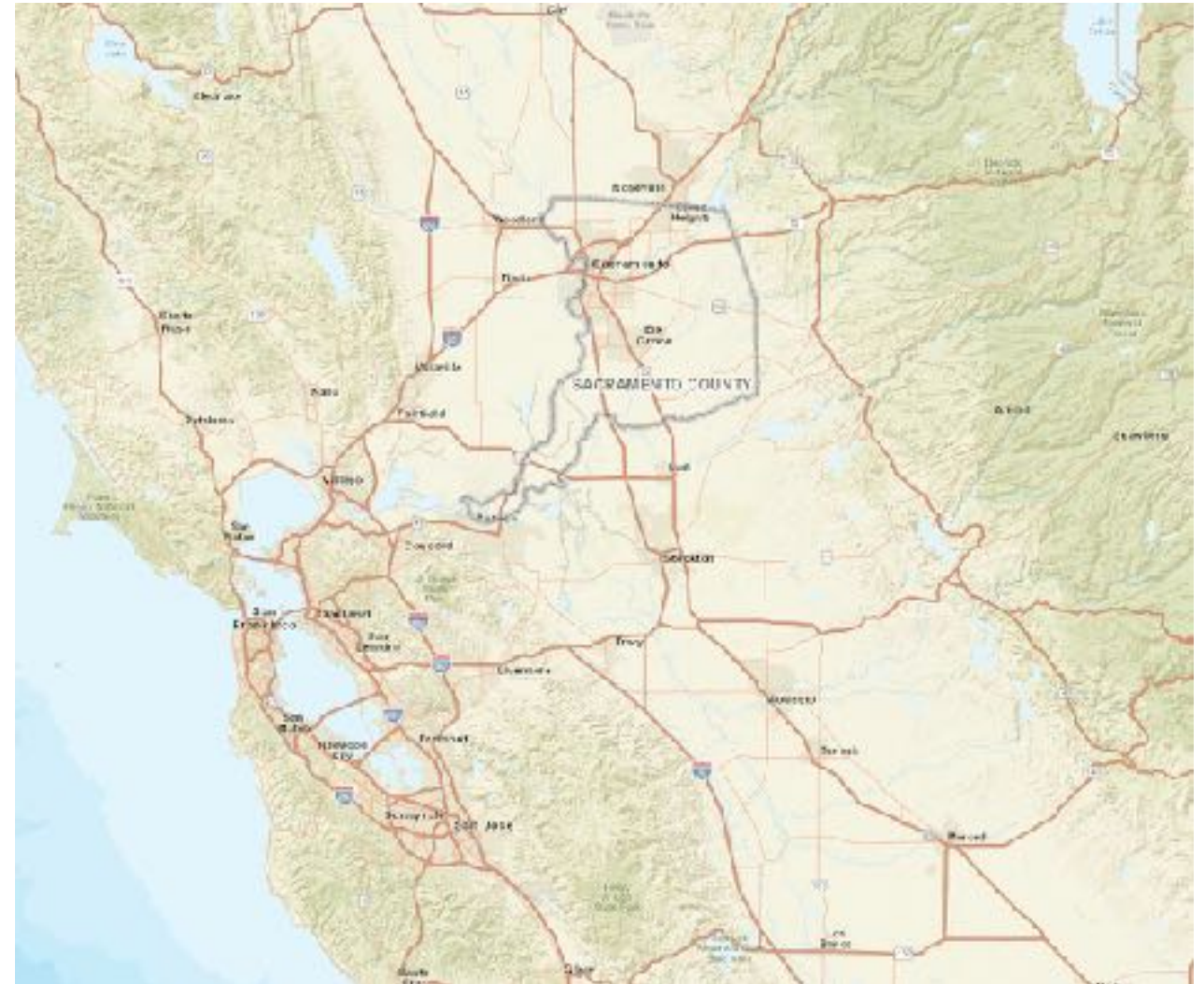
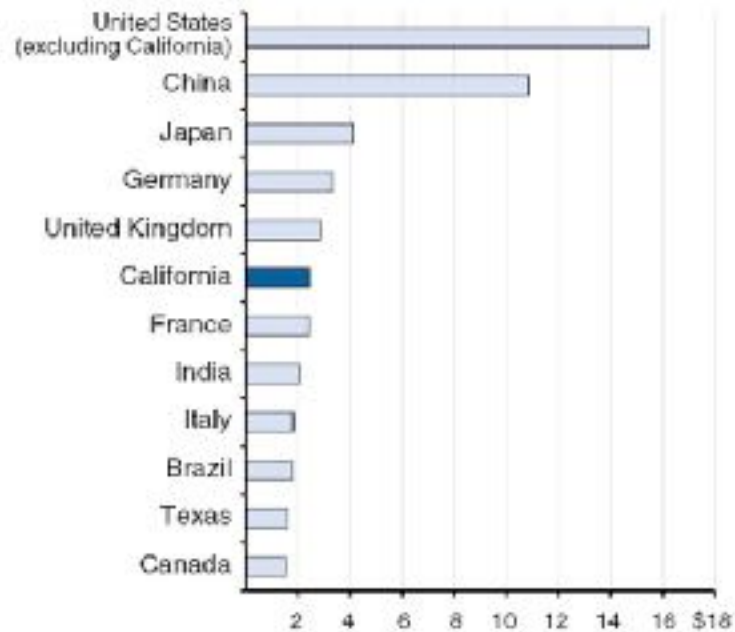


# SACRAMENTO AS A TREND SETTER; CALIFORNIA LEADS THE NATION

## CAL FACTS California's Economy

### California's Economy: One of the Largest in the World

Gross Domestic Product (In Trillions)

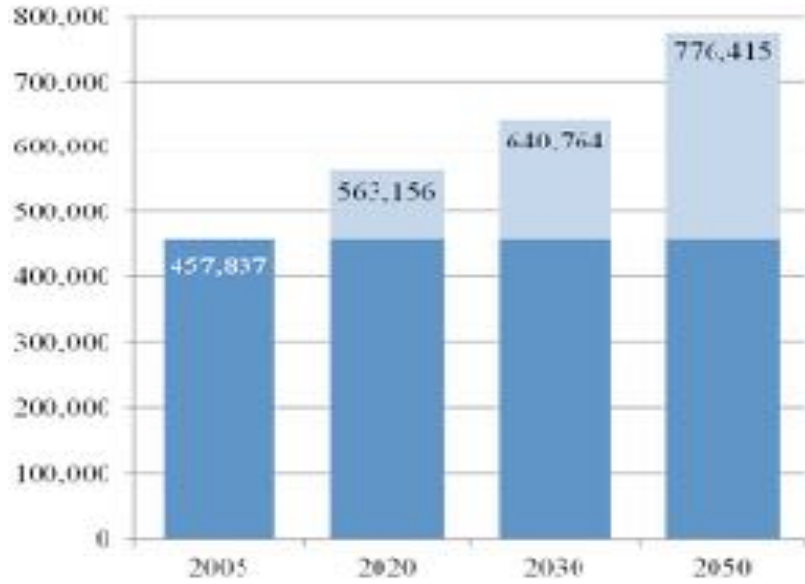


# SACRAMENTO AT RISK

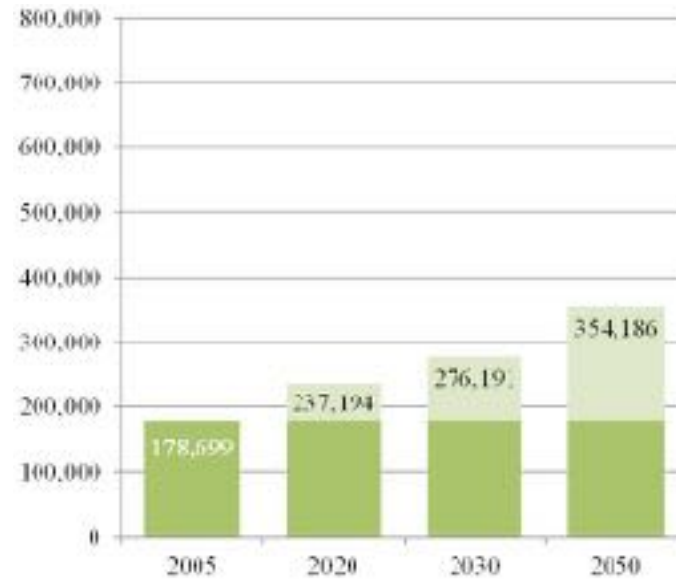
- ❑ Increasing Temperatures
- ❑ Increase in extreme weather events
- ❑ Changes to precipitation patterns
- ❑ Loss of snowpack (& water supply)
- ❑ Increased wildfires
- ❑ Increased flood risk and sea-level rise



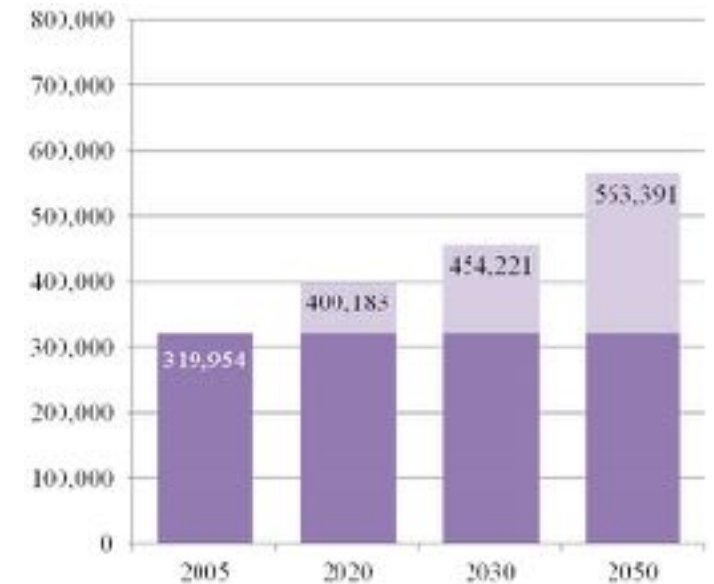
# SACRAMENTO FACTS – BUSINESS AS USUAL GHG EMISSION FORECASTS



Population

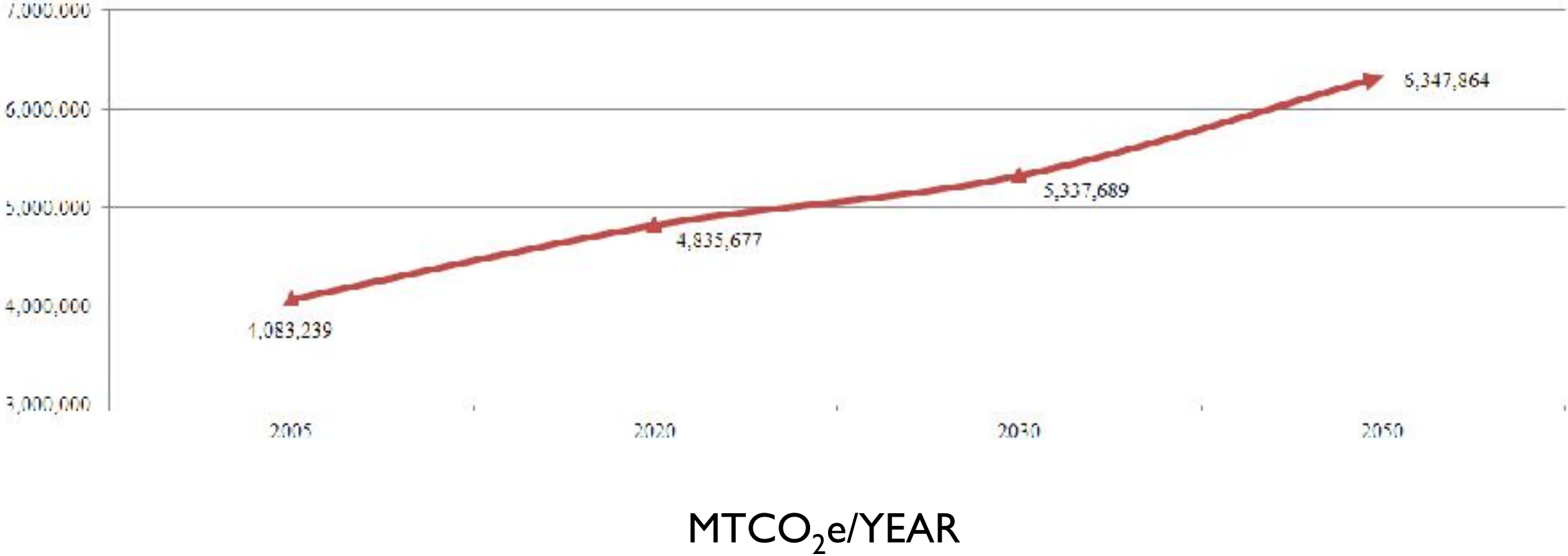


Housing Units



Paid Jobs

# SACRAMENTO FACTS – BUSINESS AS USUAL GHG EMISSION FORECASTS



# SACRAMENTO AS A TREND SETTER; CALIFORNIA LEADS THE NATION

## Major Sustainability and Climate Change Initiatives

<p>Sacramento becomes a member of the ICLEI Local Governments for Sustainability to promote climate protection, sustainable development, and GHG emissions reductions.</p>	<p>City adopts the "Principles for Smart Growth" as part of the 1992 General Plan to promote more sustainable development patterns.</p>	<p>City joins as a charter member of the California Climate Action Registry as a pioneer in early action to reduce GHG emissions.</p>	<p>City adopts the Vision and Guiding Principles that provide a framework for the 2002 General Plan Update process and sets the city on a path to be a model of sustainable development.</p>	<p>City Council authorizes Mayor Healey to sign the United Nations Charter Urban Environmental Accord to achieve urban sustainability, promote healthy economies, advance social equity, and protect the world's ecosystems.</p>	<p>City signs the United States Conference of Mayors Climate Protection Agreement to make carbon emissions consistent with the Kyoto Protocol international agreement.</p>	<p>City adopts the Sustainability Master Plan to guide future operations and policy decisions to create a more sustainable city. Every year since adopting the Plan, the City has prepared and adopted Sustainability Implementation Plans.</p>	<p>City adopts the Parks and Recreation Sustainability Plan to manage and operate parks and recreation facilities and programs in more sustainable ways.</p>	<p>City adopts the 2030 General Plan which includes goals and policies that guide the City's approach to comprehensively address sustainability and climate change.</p>	<p>Mayor Kevin Johnson launches the Greenwise Sacramento Initiative that results in a Regional Action Plan that includes goals to create a self-sustaining, resilient, sustainable greenbelt region in the country, and brand the Sacramento region as the "Green Valley."</p>	<p>City initiates Phase 2 of the Sacramento Climate Action Plan to reduce GHG emissions from communitywide activities.</p>
1990	1999-2000	2001	2002-2004	2005	2006	2007	2008	2009	2010	2011
			<p>Executive Order S-0-05 establishes goals to reduce statewide GHG emissions to 2006 levels by 2010, to 1990 levels by 2020, and to 80 percent below 1990 levels by 2050.</p>	<p>The California Global Warming Solutions Act of 2009 (AB 32) requires that statewide GHG emissions be reduced to 1990 levels by 2020 and directs CAGB to pursue a plan to achieve that target.</p>	<p>SB 47 directed the Governor's Office of Planning and Research (OPR) to update the California Environmental Quality Act (CEQA) Guidelines to include guidance on addressing GHG emissions in environmental review documents.</p>	<p>SB 375 requires MPOs to prepare Sustainable Communities Strategic Plans that guide regional transportation systems to reduce vehicle miles traveled and GHG emissions for cars and light trucks.</p>	<p>Executive Order S-1-10 requires development of a Climate Adaptation Strategy that directs statewide managers to estimate impacts from sea level rise, increased temperatures, shifting precipitation and extreme weather events.</p>	<p>The Air Resources Board adopted the Climate Change Scoping Plan to increase state's plan to achieve GHG reductions required by AB 32 and provide direction for local governments.</p>	<p>The Natural Resources Agency appropriated state funds to address GHG emissions in environmental policy documents.</p>	<p>The Natural Resources Agency adopts the California Climate Change Adaptation Strategy.</p>

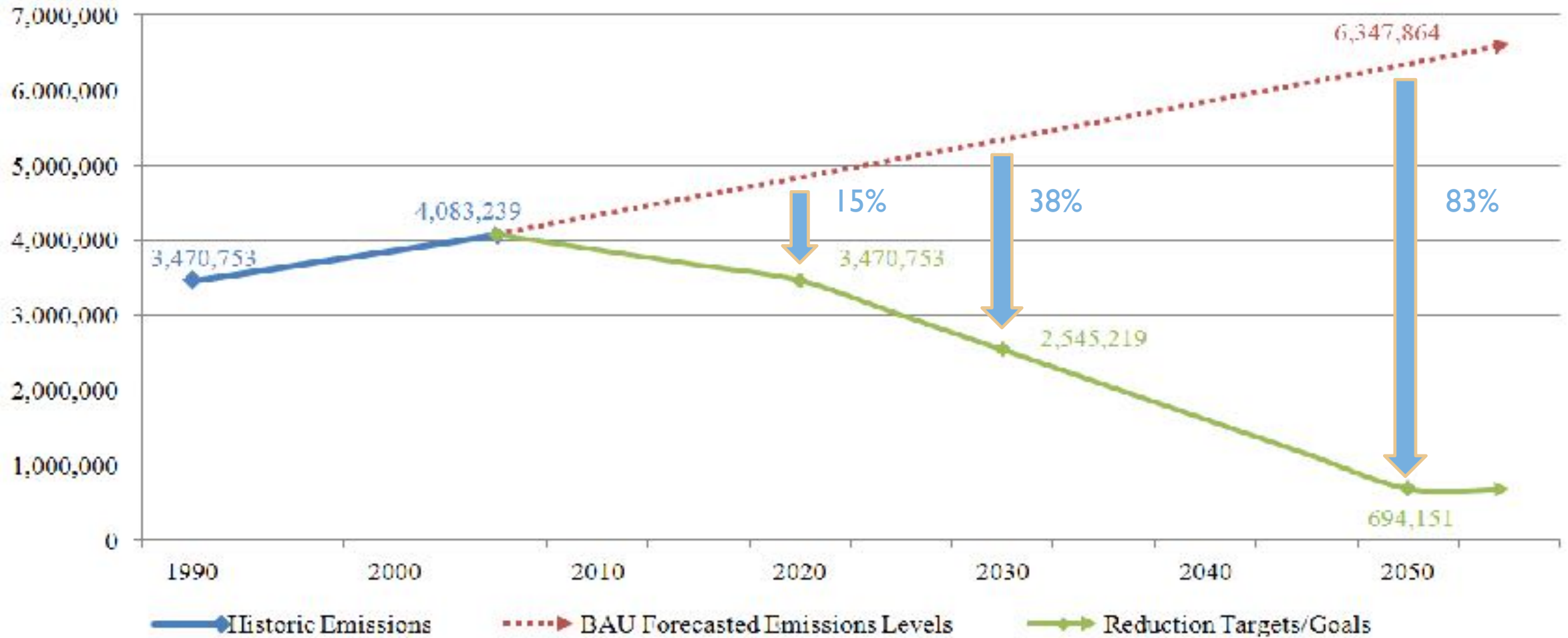


# CALIFORNIA & SACRAMENTO'S CLIMATE ACTION TOOLKIT

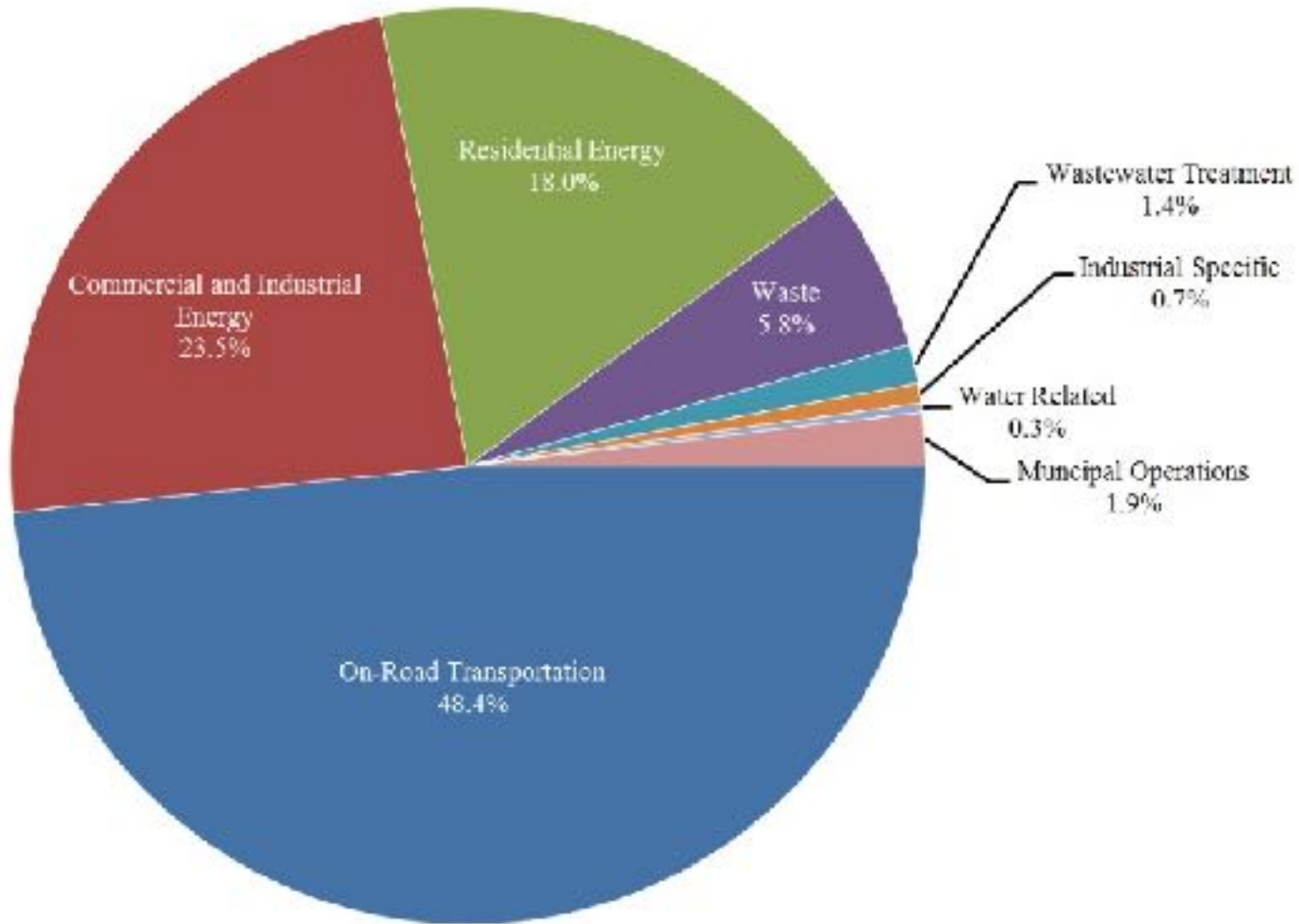
- ❑ **2030 General Plan policies (March 2009)**
- ❑ **Internal Operations CAP (Feb. 2010)**
  - ❖ Updated (June 2016)
- ❑ **Community-wide CAP (February 2012)**
- ❑ **CAP incorporation into 2035 General Plan (March 2015)**
- ❑ **Next GP/CAP update due March 2020**

**Note: Sacramento County CAP pending (vulnerability assessment)**

# SACRAMENTO FACTS – BUSINESS AS USUAL GHG EMISSION FORECASTS



# SACRAMENTO FACTS –EMISSIONS SECTORS ... BASELINE 2005



EMISSIONS SECTOR	MTCO <sub>2</sub> e
On-Road Transportation	2,013,962
<b>Commercial and Industrial Energy</b>	979,777
Residential Energy	748,792
Waste	241,862
Wastewater Treatment	57,380
Industrial Specific	28,656
Water Related	12,810
Municipal Operations	78,584
<b>Total Emissions</b>	<b>4,161,823</b>

# SACRAMENTO'S LESSONS LEARNED

## Identify What Can be Changed

EMISSIONS SECTOR	MTCO <sub>2</sub> e	%
Buildings and Facilities	35,773	45.5%
Vehicle Fleet	21,927	27.9%
Landfill Waste-in-Place	14,012	17.8%
Traffic Signals and Streetlights	6,872	8.7%
<b>Total</b>	<b>78,584</b>	<b>100%</b>

See Helens examples

