



**Riverside**  
RESTORATIVE GROWTHPRINT

# Green Accountability Performance (GAP) Committee Meeting

3900 Main Street, Riverside, CA 92501  
Mayor's Ceremonial Room, City Hall, 7<sup>th</sup> floor

Wednesday, June 25, 2014  
4:00 - 5:30 p.m.



# Meeting Agenda & Objectives

- Meeting Objectives
  - Explain project and work program
  - Share progress made through the GAP and City's participation in the WRCOG Subregional CAP
  - Hear your ideas for GHG reducing entrepreneurial strategies and implementation
- Meeting Agenda
  - Presentation and general questions
  - Facilitated discussion
  - Closing remarks/adjournment
    - Talk with project team one-on-one



# Project Background

- City received a SCAG Sustainability grant to develop the Riverside Restorative Growthprint
  - Climate Action Plan (CAP)
  - Economic Prosperity Action Plan (EPAP)
- Builds upon existing plans and programs
  - Green Action Plan
  - WRCOG Subregional CAP
  - Seizing our Destiny Report

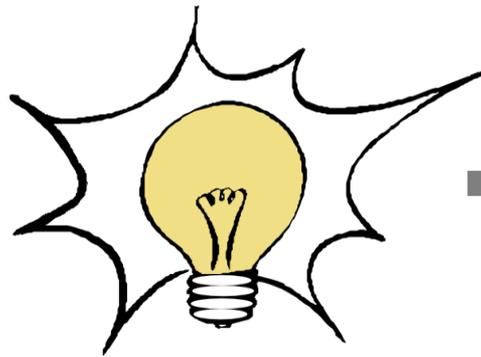


# Project Objectives

- Develop measures to reduce GHG emissions (to 49% below baseline by 2035)
- Inspire **entrepreneurial opportunities** and job creation
- Facilitate **Smart Growth** development and stimulate sustainable infrastructure investment
- Develop a tracking tool to monitor progress
- Inform, engage and collaborate with stakeholders



CAP



# Why Prepare a Climate Action Plan?

- Comply with State regulations and guidelines
- Provides a framework for many things we already do
  - Land use
  - Transportation
  - Utility infrastructure
  - Environmental stewardship
  - Healthy lifestyles
- State law does not *require* CAPs but does **incentivize**



# Incentives and Benefits of a Climate Action Plan

- CEQA streamlining
- Priority funding
- Local control
- Co-benefits
  - Economic
  - Health
  - Environmental
- Marketing/business attraction



# Benefits of an Economic Prosperity Action Plan

## EXISTING BUSINESS INITIATIVES

- Develop Green Business Program
- Highlight successes and showcase leadership (award presentations, etc.)
- Build supportive business networks and cultivate affiliations and connections between stakeholders
- Grow existing businesses and services offered leading to job growth

## NEW BUSINESS DEVELOPMENT

- Develop incentives to attract new businesses and create demand for relocation to Riverside
- Incubate and foster the growth of clean tech and sustainable businesses
- Create partnership opportunities between the business community and university programs

# A Climate Action Plan Does NOT

- Not an Ordinance or Statute – the CAP is a plan, and provides direction to Staff and the Council
- Not a book of penalties for noncompliance; The CAP is not designed to be an enforcement tool
- Not a Green Building Ordinance – a GBO is much more specific
- Not a Generalized “Green Plan”

# Work Program

## CLIMATE ACTION PLAN (APRIL-OCTOBER)

- Inventory and forecast emissions
- Establish reduction targets
- Identify and evaluate reduction measures
- Develop Climate Action Plan (CAP)

## ECONOMIC PROSPERITY ACTION PLAN (OCTOBER-MARCH)

- Identify top 10 entrepreneurial opportunity areas in CAP
- Crowdfund & co-create entrepreneurship ideas
- Identify incentives, establish promotional strategy, crowdfund implementation ideas
- Prepare Economic Prosperity Action Plan (EPAP)

## IMPLEMENTATION PLAN (MARCH-JUNE)

- Develop Implementation Strategy
- Create monitoring & tracking tool
- Prepare environmental clearance
- Monitor results

# Communitywide and Municipal Inventories

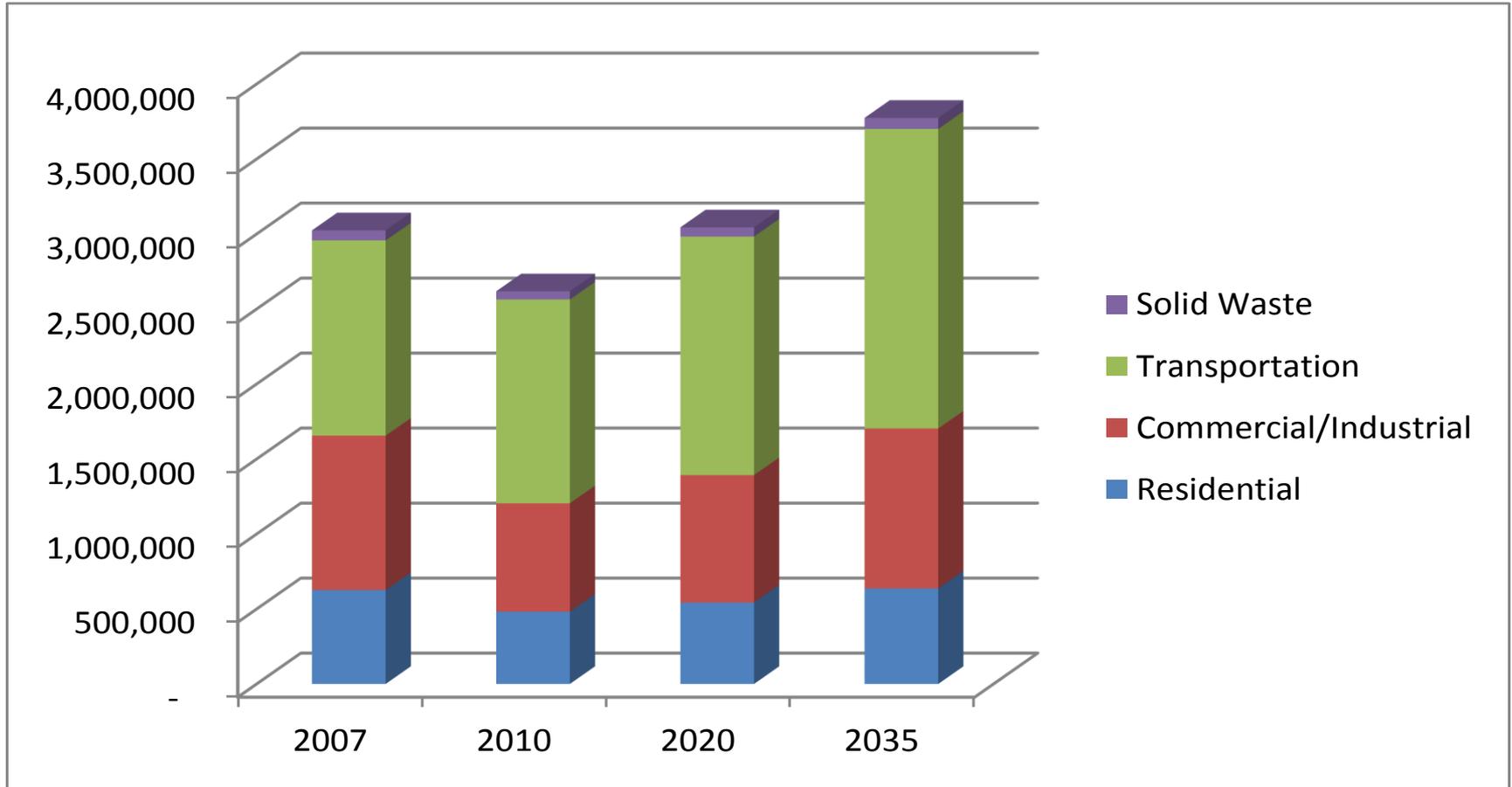
- Communitywide Inventory
  - All emissions released inside the city limits
  - Residential energy, commercial/industrial energy, transportation, waste, water
- Municipal (Government Operations) Inventory
  - Emissions from municipal operations only
  - Subset of the communitywide inventory

# Emissions Inventory and Forecasts

## Quick Facts

	2007 Baseline	2010	2020	2035
Community emissions (MTCO <sub>2</sub> e/yr)	3,024,066	2,617,540	3,044,055	3,773,835
% change from baseline		-13.4%	+16.3%	<b>+44.2%</b>
Municipal emissions (MTCO <sub>2</sub> e/yr)	1,362,587	943,466	1,054,588	1,252,970
% change from baseline		-30.8%	+11.8%	+32.8%

# Community Emissions Inventory and Forecasts by Sector



# Emissions Reduction Targets

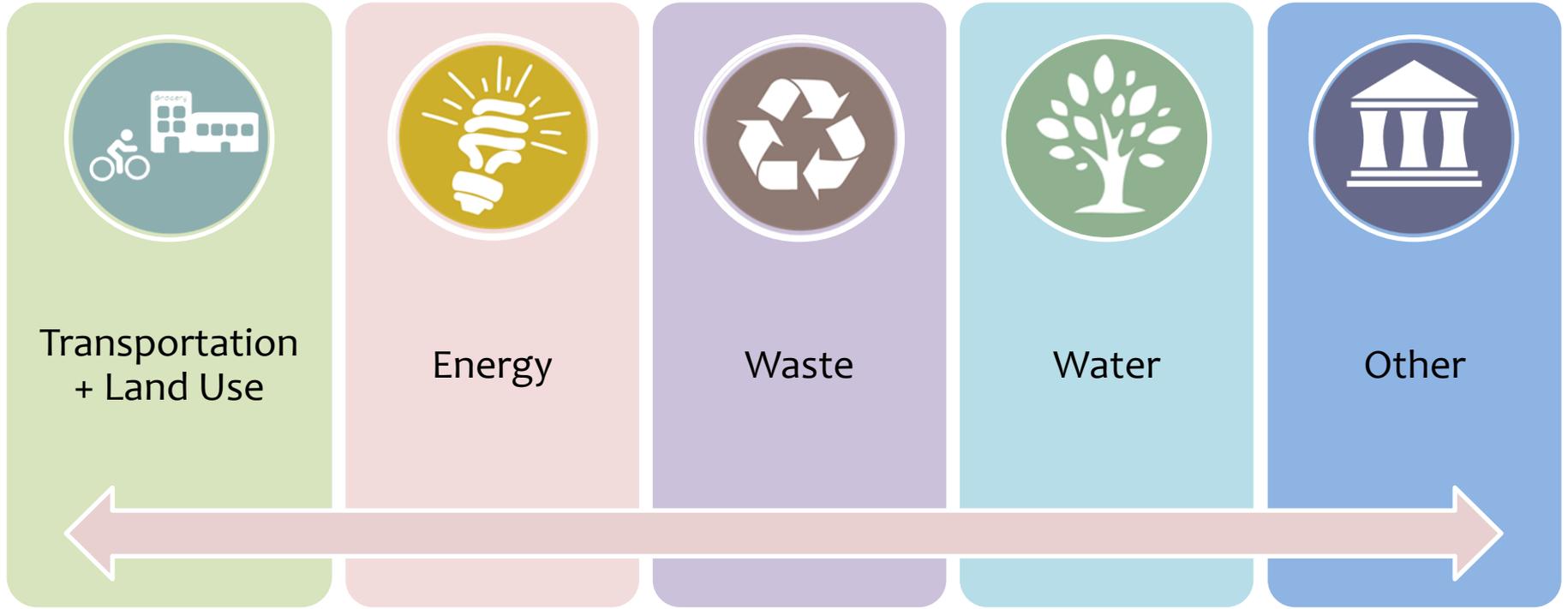
- Align with AB 32 (2020) and SB 375 (2035)
- Align with WRCOG Subregional CAP targets
- Feasible, attainable, measurable targets
- Recommended reduction **targets:**
  - 15% below 2007 emissions by 2020
  - 49% below 2007 emissions by 2035



# Examples of California Jurisdictions Reduction Targets

Jurisdiction	Year of Adoption	GHG Reduction Target	Jurisdiction	Year of Adoption	GHG Reduction Target
<b>Mountain View</b>	2012	Improve per-SP emissions 15% - 20% below 2005 by 2020	<b>Sunnyvale</b>	Draft	15% below 2008 by 2020
<b>Palo Alto</b>	2007	5% below 2005 by 2012	<b>San Francisco</b>	2004	20% below 1990 by 2012
<b>Newark</b>	2010	5% below 2005 by 2015	<b>Solano County</b>	2011	20% below 2005 by 2020
<b>Hayward</b>	2009	6% below 2005 by 2013	<b>Union City</b>	2010	20% below 2005 by 2020
<b>Benicia</b>	2009	10% below 2000 by 2020	<b>Dublin</b>	2010	20% below BAU by 2020
<b>Marin County</b>	2006	15% below 1990 by 2020	<b>Santa Rosa</b>	2012	25% below 1990 by 2015
<b>Piedmont</b>	2010	15% below 2005 by 2020	<b>Sonoma County</b>	2008	25% below 1990 by 2015
<b>Pleasanton</b>	2011	15% below 2005 by 2020	<b>Albany</b>	2010	25% below 2004 by 2020
<b>Larkspur</b>	2010	15% below 2005 by 2020	<b>Emeryville</b>	2008	25% below 2004 by 2030
<b>Novato</b>	2011	15% below 2005 by 2020	<b>Fremont</b>	2012	25% below 2005 by 2020
<b>Ross</b>	2010	15% below 2005 by 2020	<b>Alameda</b>	2008	25% below 2005 by 2020
<b>San Anselmo</b>	2011	15% below 2005 by 2020	<b>San Leandro</b>	2009	25% below 2005 by 2020
<b>Burlingame</b>	2009	15% below 2005 by 2020	<b>Antioch</b>	2011	25% below 2005 by 2020
<b>Menlo Park</b>	2009	15% below 2005 by 2020	<b>San Rafael</b>	2009	25% below 2005 by 2020
<b>Redwood City</b>	2010	15% below 2005 by 2020	<b>Santa Cruz</b>	2011	30% below 1990 by 2020
<b>San Mateo</b>	2010	15% below 2005 by 2020	<b>San Carlos</b>	2009	35% below 2005 by 2030
<b>Novato</b>	2009	15% below 2005 by 2020.	<b>Oakland</b>	2011	36% below 2005 by 2020
<b>San Ramon</b>	2010	15% below 2008 by 2020	<b>Martinez</b>	2009	80% below 1990 by 2050
<b>Vallejo</b>	2012	15% below 2008 by 2020	<b>Berkeley</b>	2009	80% below 2000 by 2050

# Developing Emissions Reduction Measures



Transportation  
+ Land Use

Energy

Waste

Water

Other

State measures | Regional measures | Local measures

# Reduction Measures

## Transportation and Land Use

State and Regional		Local		New	
SR-6	Pavley and Low Carbon Fuel Standard	T-1	Bicycle Infrastructure Improvements	T-19	Bike Share program
SR-7	Metrolink Expansion	T-2	Bicycle Parking & Amenities	T-20	Car Share Program
SR-8	Express Lanes	T-3	End of Trip Facilities	T-21	Transportation Modal Hierarchy in General Plan
SR-9	Congestion Pricing	T-4	Promotional Transportation Demand Management	T-22	Public ROW Placemaking Strategy (plaza/parklet).
SR-10	Telecommuting	T-7	Traffic Signal Coordination	T-23	Green Enterprise Zone
SR-11	Goods Movement	T-8	Density		
SR-12	E-Vehicle Plan and Infrastructure	T-9	Mixed-Use Development		
T-5	Transit Service Expansion	T-10	Design/Site-Planning		
T-6	Transit Frequency Expansion	T-11	Pedestrian Only Areas		
T-13	High Frequency Transit Service/ (BRT) Implementation	T-12	Limiting Parking Requirements for New Development		
		T-14	Voluntary Transportation Demand Management		
		T-15	Accelerated Bike Plan Implementation		
		T-16	Fixed Guideway Transit (Streetcar)		
		T-17	Neighborhood Electric Vehicle (NEV) Programs		
		T-18	Subsidized Transit		

# DISCUSSION FOCUS:

## Transportation and Land Use

- **What are the existing programs or initiatives in this area?**
  - *Which existing programs are most successful and could be enhanced (prioritize implementation)?*
- **What are Riverside's competitive advantages in this area?**
  - Identify opportunities and strengths
- **What is your vision for the future?**

# Reduction Measures

## Energy Efficiency & Renewables

State and Regional		Local		New	
SR-1	Renewable Portfolio Standard (RPS)	E-2	Traffic & Street Light Replacements	E-4	Southern California Edison (SCE) Natural Gas programs
SR-2	2013 CAL Green Building Code (Title 24)	E-3	Shade Trees	E-5	Commercial Energy Audit and Commissioning Incentives/ Requirements
SR-3	WRCOG HERO Financing Program - Residential			E-6	Renewable Energy Production in Public Right of Ways
SR-4	WRCOG HERO Financing Program - Commercial				
SR-5	Southern California Edison/Utility Programs				



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## Energy

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# Reduction Measures

## Water, Waste & Green Infrastructure

State and Regional		Local		New	
SR-14	SB-7X-7	SW-1	Yard Waste Collection	A-1	Farm-to-Fork programs
SR-13	Construction & Demolition (C&D) Requirements	SW-2	Food Scrap and Paper Diversion	A-2	Community Gardening/Urban Agriculture
				A-3	Ag Preservation TDR Program



# DISCUSSION FOCUS:

## Water, Waste & Green Infrastructure

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# Public Outreach and Engagement

- GAP to serve as CAP Advisory Committee
- Riverside Chamber of Commerce Economic Development Council
- Influencer workshops
- Integrated approach
  - MindMixer site
  - Community Events
    - SmartCode Specific Plan
    - Streetcar Feasibility Study
    - WRCOG Subregional CAP



# Next Steps

## July-August

Community and  
Influencer Outreach

Educate & Inform  
Gather Input & Ideas

## September

Draft CAP

GAP Committee Meeting  
Gather Feedback

## October- December

EPAP Influencer  
Workshops

Crowdsource Ideas  
Continued Outreach

# Thank You

*If you have an idea, question, or concern after this meeting, contact us!*

