

GENERAL PLAN UPDATE

Planning Commission Workshop #2

September 20, 2018



ELK GROVE

A BRIGHTER FUTURE



AGENDA

- Schedule of Public Review
- Overview of Tonight's Topics
- Questions for Staff
- Public Comment
- Planning Commission
Discussion and Review

Proposed Review Schedule



Date	Activity
July 27, 2018	Release Public Draft Documents
September 6, 2018	Planning Commission Workshop #1: Vision; Economy and the Region; Services, Health, and Safety
September 13, 2018	Public meeting to accept any public comments on the Draft Environmental Impact Report (6:00 pm, City Council Chambers)
September 20, 2018	Planning Commission Workshop #2: Community and Resource Protection; Climate Action Plan
September 26, 2018	EIR 60-day review closes
October 4, 2018	Planning Commission Workshop #3: Urban and Rural Development; Community and Area Plans
October 18, 2018	Planning Commission Workshop #4: Mobility/Transportation Analysis Guidelines
TBD	Release Final EIR
TBD	Planning Commission Public Hearing and recommendation to City Council
TBD	City Council hearing

Note: All dates are subject to change.

Tonight's Topics

- Chapter 7: Community and Resource Protection
- Climate Action Plan



Chapter 7: Community and Resource Protection





Supporting Principles

- City Core, Heritage & Well-Known Neighborhoods
- Outdoor Recreation Is Right Outside Our Door
- Clean, Green Practices & Healthy Living



Chapter Objectives

- Promoting effective governance
- Preserving the cultural assets that are vital to Elk Grove's character and livability
- Maintaining and improving the recreational amenities that contribute to a high quality of life in Elk Grove
- Conserving natural resources within and surrounding the city
- Conserving energy and providing energy from renewable sources; reducing greenhouse gas emissions in accordance with local, state, and other goals



Overview of Topics

- Governance (GOV)
- Arts and Culture (ART)
- Historic and Cultural Resources (HR)
- Parks and Trails (PT)
- Natural Resources (NR)
- Sustainable Development (SD)



Key Issues and Policies

- **Governance**
 - A transparent and collaborative decision-making process
 - An engaged and informed community
- **Arts & Culture**
 - Support and promote community arts programs and events, establishing Elk Grove as a cultural destination in the region
 - Improve access to creative and artistic involvement for all neighborhoods, cultural communities and socioeconomic segments of the city



Key Issues and Policies

- **Historic and Cultural Resources**
 - Encourage preservation and enhancement of historic and archaeological resources
 - Adaptive reuse of historic buildings and resources
 - Consult with local Native American tribes and the Native American Heritage Commission to minimize potential impacts to cultural and tribal resources
 - Identify and evaluate local archaeological resources for inclusion on the National Register of Historic Places



Key Issues and Policies

- Parks & Trails
 - Change references to Cosumnes Community Services District (CCSD)
 - How the City coordinates with CCSD
 - The City plans to update the Bicycle, Pedestrian and Trails Master Plan starting this fiscal year
 - Parkland standard of 5 acres per 1,000 population



Key Issues and Policies

- **Connected Parks and Trails System**
 - A connected network of trails and parks throughout the region
- **Open Spaces**
 - Protect open space and natural habitat when planning development projects adjacent to these areas through landscaping buffers and appropriate site design

Key Issues and Policies

- Natural Resources
 - Preserve and enhance natural areas
 - Buffer requirements around natural streams
 - Clustering policy for new development to preserve natural features and agriculture
 - Water quality protection and sustainable stormwater management
 - Ensure adequate water supply is available
 - Air quality protection



Key Issues and Policies

- Greenhouse Gas Emissions Reduction
 - Reduce Per Capita Greenhouse Gas Emissions to 4.1 MTCO₂e by 2030
 - Reduce Per Capita Greenhouse Gas Emissions to 1.4 MTCO₂e by 2050, consistent with State's GHG emissions reduction goals.



Key Issues and Policies

- Energy Conservation and Renewable Energy Sources
 - Promote energy efficiency and conservation strategies
 - Encourage renewable energy options
 - Require all new municipal developments to exceed State Title 24 Energy Efficiency Standards by 15 percent

Climate Action Plan Update

Purpose and Intent

- Reduce GHG emissions, consistent with State law and CEQA requirements
- Provide CEQA streamlining benefits for future projects that are consistent with the CAP
- Consistent with GPU goals and policies for Community and Resource Protection, commitment to sustainability

California's Legislative Context

- Statewide GHG reduction targets:
 - AB 32 (2006): Reduce emissions to 1990 levels by 2020
 - SB 32 (2016): Reduce emissions to **40% below 1990 levels by 2030**
 - 6 metrics tons of CO₂e per capita
- Long-term statewide GHG reduction goal:
 - EO S-3-05 and B-30-15: Reduce emissions to **80% below 1990 levels by 2050**
- CEQA Guidelines:
 - GHG emissions must be analyzed in CEQA documents
 - CAP or similar GHG reduction plans may provide CEQA streamlining benefits, if specified criteria are met

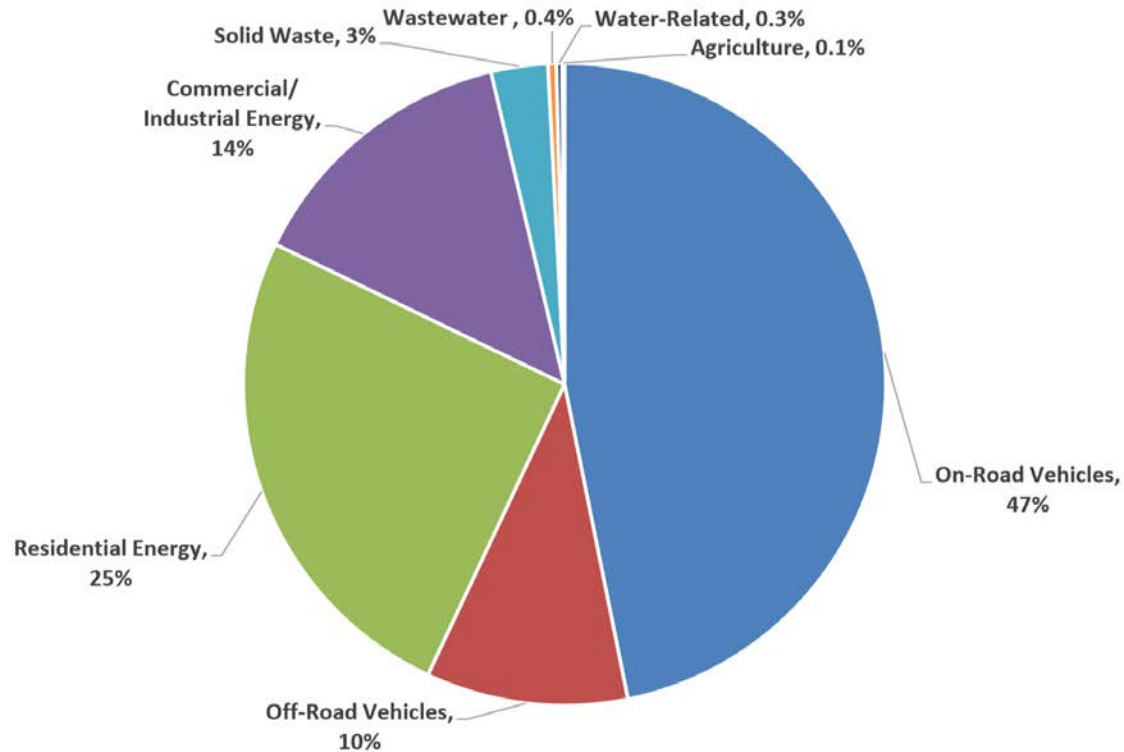
Key CAP Components

- Baseline GHG emissions inventory
- Forecast of future GHG emissions
- Targets and/or goals for reducing GHG emissions
- Measures + implementing actions to reduce emissions
- Monitoring and verification procedures

Approach to Updating the Climate Action Plan

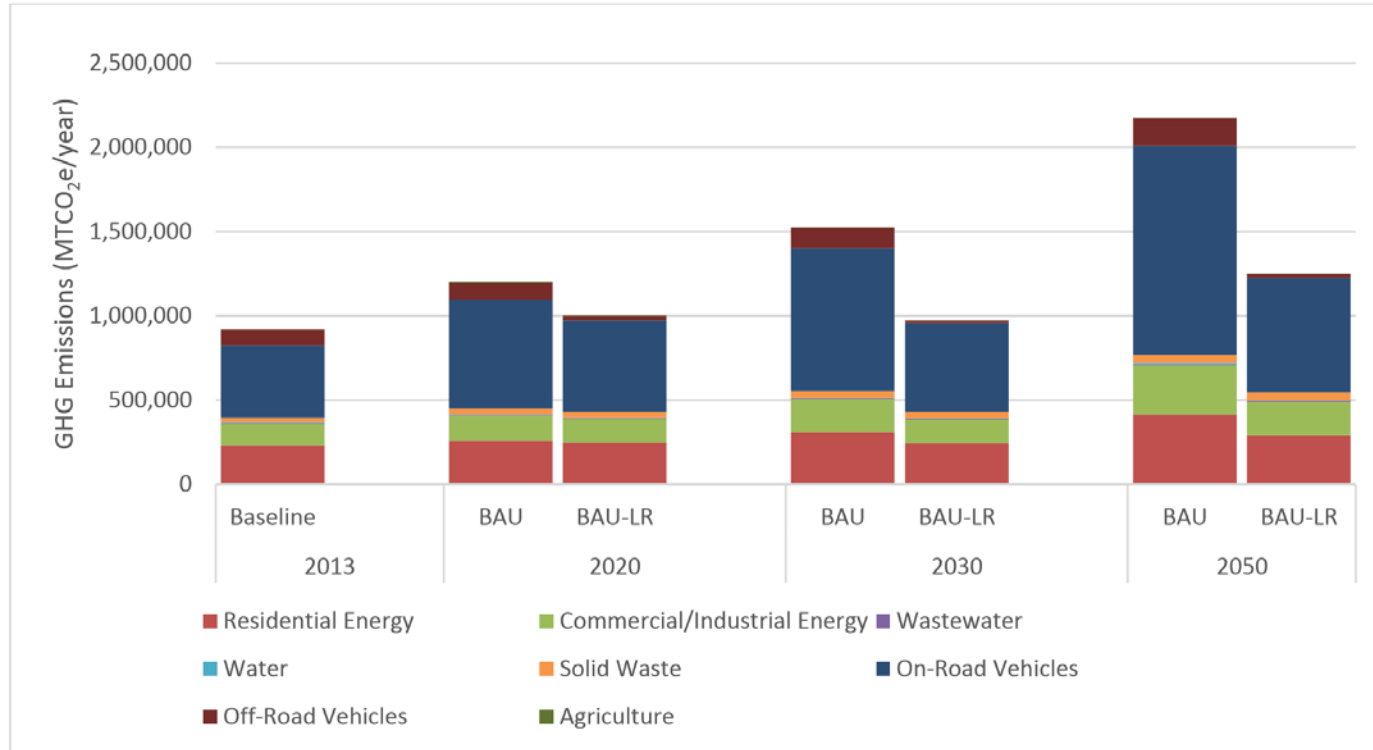
- Identify State and federal mandates that support GHG reduction
- Continue to take advantage of existing City policies and programs
- Recognize the increasing population of the City

Updated Baseline Inventory: 2013



Emissions Forecasts: 2020, 2030 and 2050

FIGURE 3-2: BUSINESS-AS-USUAL EMISSION FORECAST BY SECTOR – 2020, 2030 AND 2050



Legislative Reductions Summary

Legislative Reductions Summary			
Source	Legislative Reduction	Description	Sectors Applied
State	RPS	Requires California energy utilities to procure 33 percent of electricity from renewable sources by 2020.	Building Energy, Water
State	SB 350	Requires California energy utilities to procure 50 percent of electricity from renewable sources by 2030.	Building Energy, Water
State	California Building Efficiency Standards (Title 24, Part 6)	Requires all new buildings in California to comply with energy efficiency standards established by CEC.	Building Energy
State	AB 341	Requires California to achieve a 75 percent solid waste diversion target by 2020.	Solid Waste
State	Pavley Clean Car Standards	Establishes GHG emission reduction standards for model years 2009 through 2016 that are more stringent than federal CAFE standards.	On-Road Vehicles
State	Advanced Clean Car Standards	Establishes GHG emission reduction standards for model years 2017 through 2025 that are more stringent than federal CAFE standards.	On-Road Vehicles
State	SBX7-7	Requires a 20 percent reduction in per capita water usage by 2020.	Water, Wastewater
Federal	Fuel Efficiency Standards for Medium- and Heavy-Duty Vehicles	Establishes fuel efficiency standards for medium- and heavy-duty engines and vehicles.	On-Road Vehicles
Federal	EPA Off-Road Compression-Ignition Engine Standards	Establishes standards for phasing of EPA diesel engine tiers for off-road compression-ignition equipment.	Off-Road Vehicles

CARB 2017 Scoping Plan – New Guidance for Plan-Level Targets

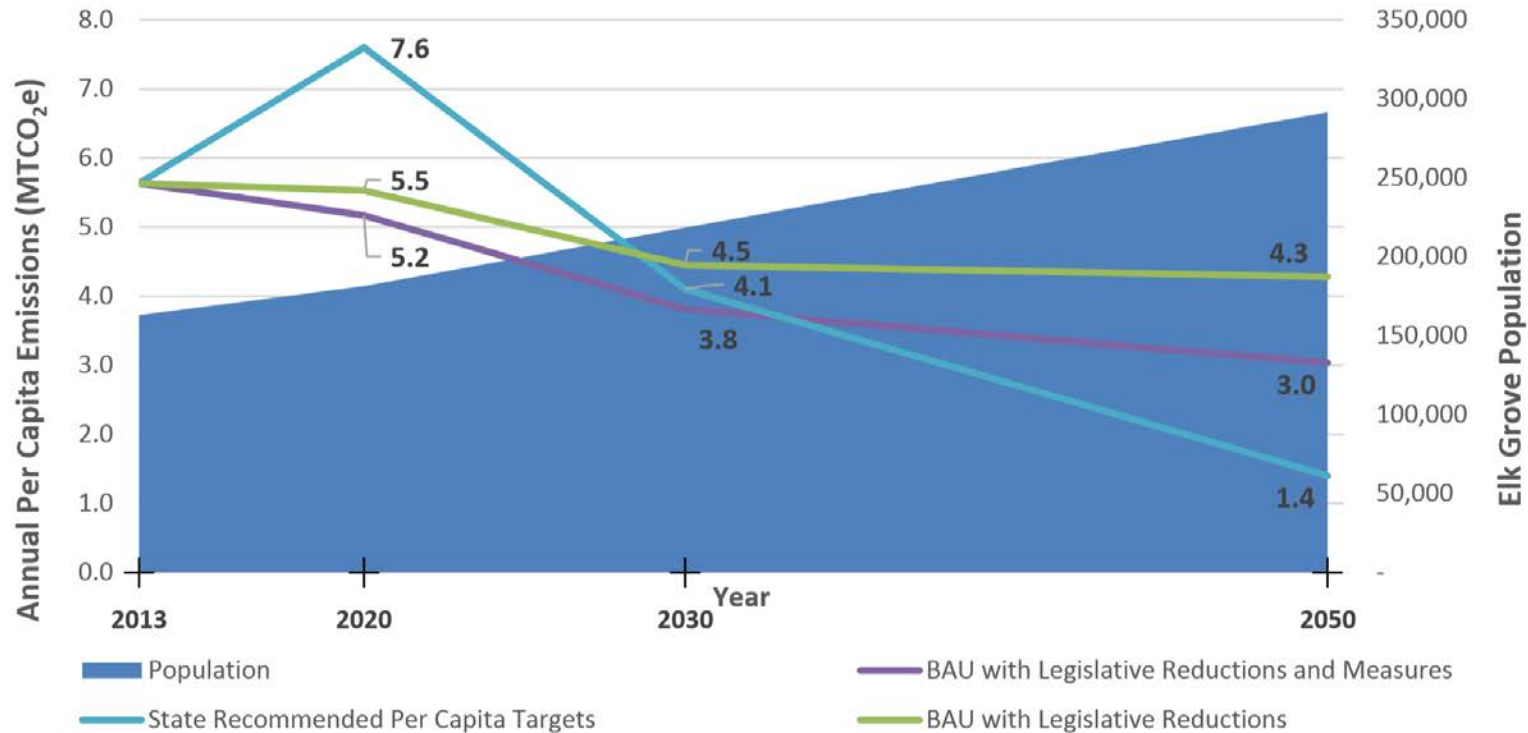
- 6 MTCO₂e per capita = statewide 2030 target
 - Includes all emissions in State inventory
 - Statewide growth forecasts
- CARB guidance for local 2030 planning targets:
 - Local targets must be:
 - Evidence-based
 - Based on local emissions sectors
 - Based on local population projections
 - Consistent with framework used to develop the statewide per capita targets
 - Resulting emissions trajectory should show a downward trend consistent with statewide objectives

Elk Grove's GHG Reduction Targets

- Baseline (2013): Elk Grove = 5.6 MTCO₂e/capita
- 2020 target
 - Statewide: 10.6 MTCO₂e/capita*
 - Elk Grove: 7.6 MTCO₂e/capita
- 2030 target
 - Statewide: 6 MTCO₂e/capita
 - Elk Grove: 4.1 MTCO₂e/capita

**California met the 2020 target four years ahead of schedule as of 2016*

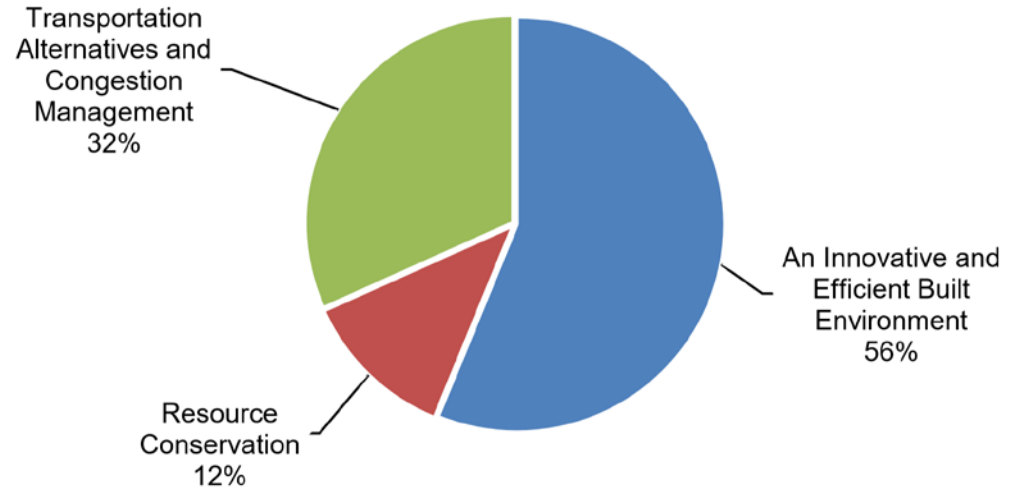
Targets and GHG Reduction Measures Performance



GHG Reduction Strategies and Measures

- Three Overarching Strategies:
 - Innovative and Efficient Built Environment (BE)
 - Resource Conservation (RC)
 - Transportation Alternatives and Congestion Management (TACM)

FIGURE 4-1: 2030 REDUCTIONS BY POLICY TOPIC



CAP Consistency Review (CEQA 15183.5)

- Identify specific subset of measures that serve as required mitigation measures for projects seeking CEQA streamlining
- Not all GHG measures apply to new development, some apply only to existing development (or both).
- Some measures are voluntary as a general policy, but may become mandatory if a project is required to comply with the CAP Checklist
- City may adopt ordinances to implement requirements, or use CAP Consistency Review process during CEQA review

BE Measures - Overview

- BE-1: Promote Energy Conservation
- BE-2 and 3: Upgrade Appliances in Existing Homes & Businesses
- BE-4: Encourage / Require Green Building in New Development*
- BE-5: Phase in Zero Net Energy Standards in New Development*
- BE-6: Encourage / Require Green Building in Existing Development*
- BE-7: Solar PV in Residential and Commercial Development
- BE-8: SMUD Greenergy and SolarShares Programs
- BE-9: Increase Tree Planting

TACM Measures - Overview

- TACM-1. Local Goods
- TACM-2. Transit-Oriented Development*
- TACM-3. Intracity Transportation Demand Management*
- TACM-4. Pedestrian and Bicycle Travel*
- TACM-5. Affordable housing
- TACM-6. Limit Vehicle Miles Traveled*
- TACM-7. Traffic Calming Measures
- TACM-8. Tier 4 Final Construction Equipment*
- TACM-9. Install EV Charging Stations*

CAP Implementation & Monitoring

- Develop CAP Consistency Review Checklist
- Conduct Monitoring and Reporting Activities
 - Quarterly monitoring reports
 - Annual reporting to City Council
- Update GHG inventory every 3 years
- Update CAP every 5 years
- Continue existing or establish new collaborative partnerships
- Secure new funding sources for implementation



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