

TOWN OF
LOOMIS
GENERAL
PLAN UPDATE

Air, Greenhouse Gas, & Climate

**A Subcommittee of the
Conservation of Resources
Committee**

April 1, 2021

Overview

- Input to Date
- Background
- Policy considerations
- Next steps

Input at Open Houses

- Avoid mass grading
- Support for tree preservation and expanding the tree canopy
- Support for electric cars for private transportation and Town purchase
- Town should promote additional installation of solar
- Promote bicycle and pedestrian travel to reach destinations
- Identify and improve bike/ped gaps and add bicycle parking downtown
- Add destinations locally
- Worry about wildfire safety (with a changing climate)
- Support and concern about expanding housing choice

Conservation of Resources Committee

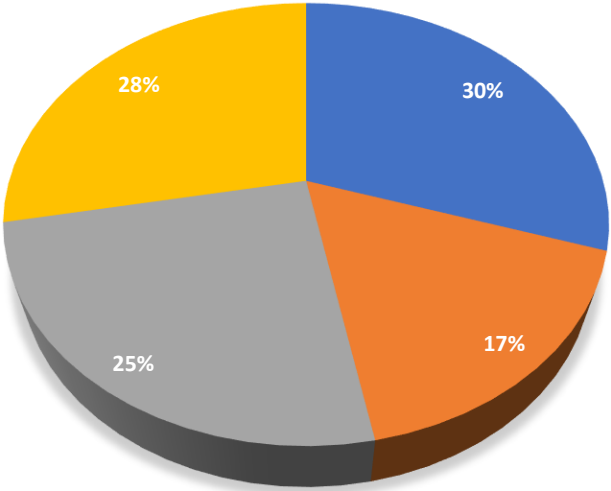
- March 24th meeting
- “Umbrella” Committee:
 - Natural resources
 - Open space
 - Habitat and wildlife
 - Cultural and historic resources
 - Air quality, GHGs, and energy
- Reviewed Element contents, setting, and relevant State law changes

Background

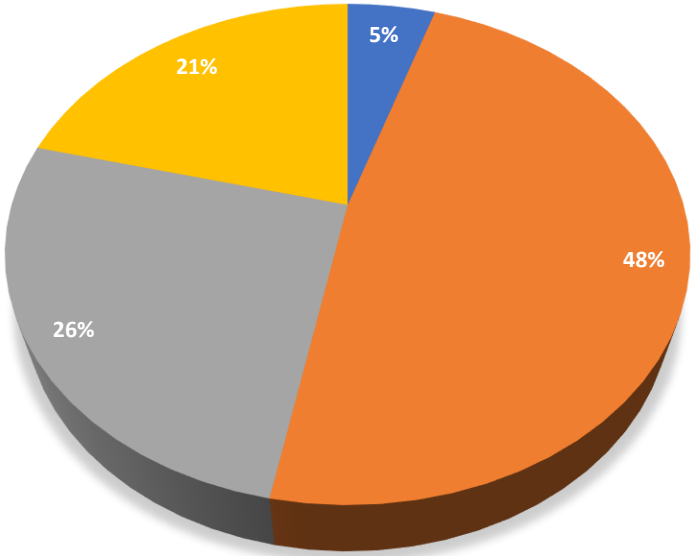
The slide features a dark blue background. At the bottom, there are two horizontal blue bars. The first bar is a solid blue rectangle. The second bar is a 3D-style blue rectangle that appears to be floating above the first one, with a white shadow underneath, creating a layered effect.

Placer County Ozone Precursor Emissions

ROG Emissions

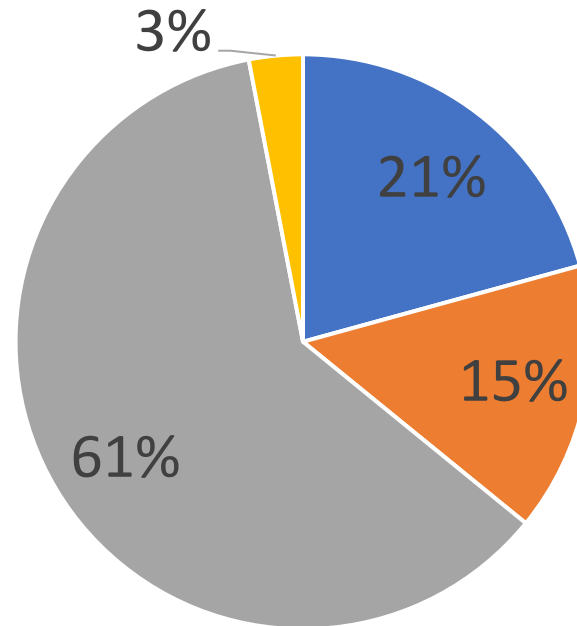


NOx Emissions



■ Area-wide ■ On-road mobile ■ Off-road mobile ■ Stationary

Loomis Greenhouse Gas Emissions



■ Residential

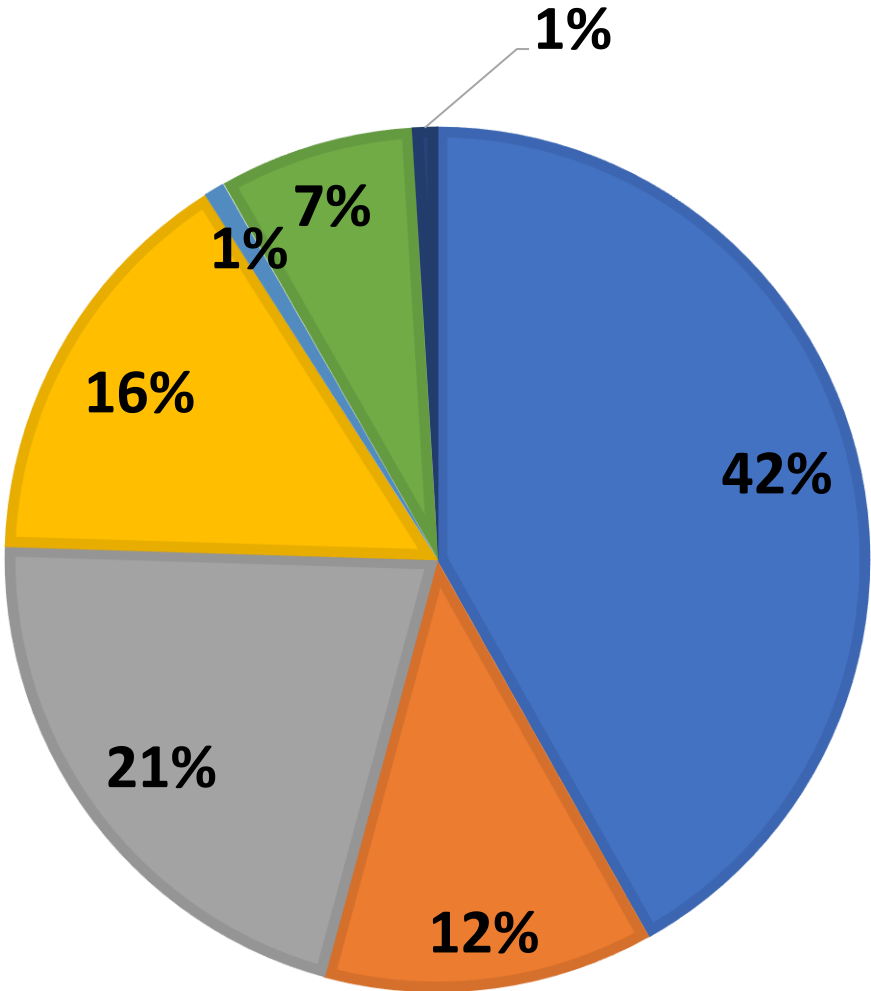
■ Vehicle transportation

■ Commercial and Industrial

■ Waste and wastewater

Placer County

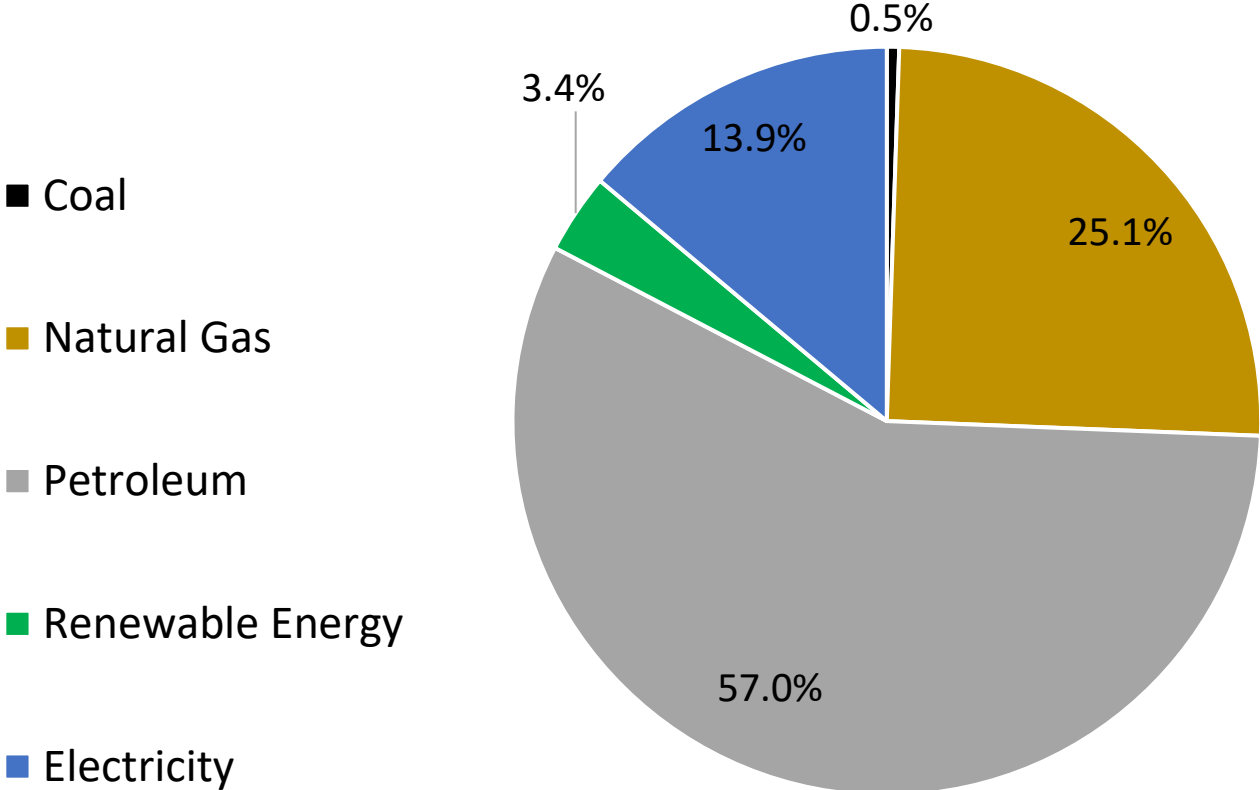
- Transportation
- Nonresidential energy
- Residential energy
- Agriculture and forest management
- Off-road emissions



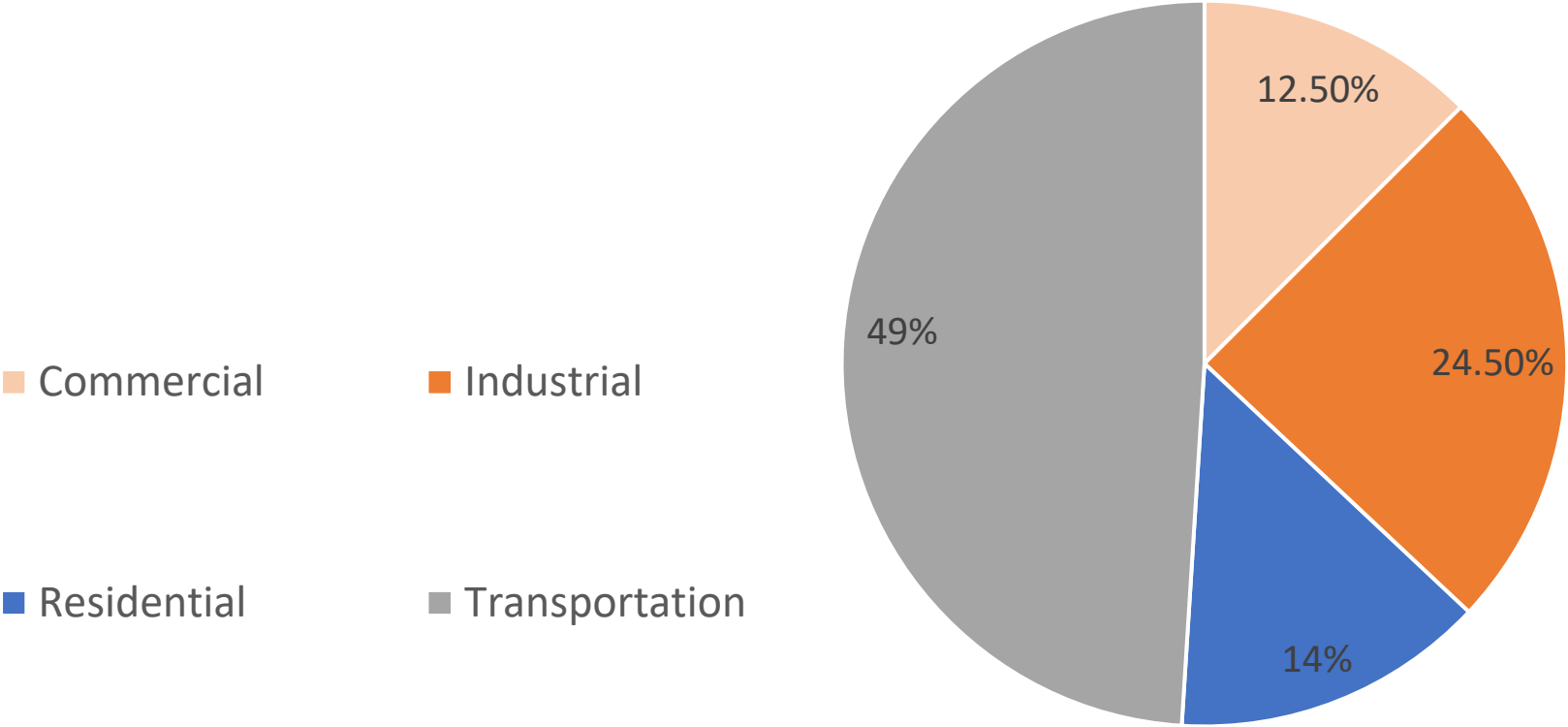
Placer County: 2005 vs 2015



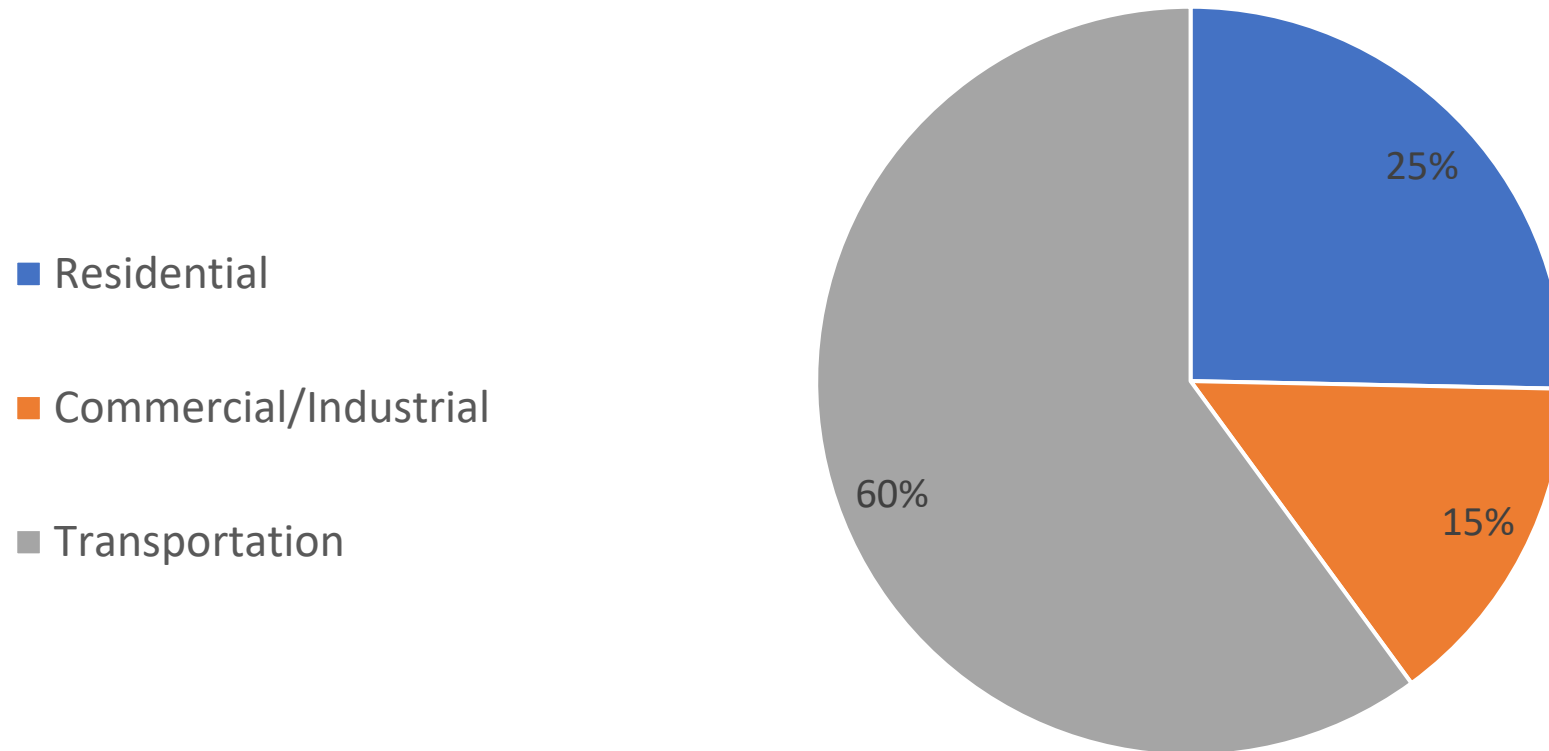
California Energy



California Energy



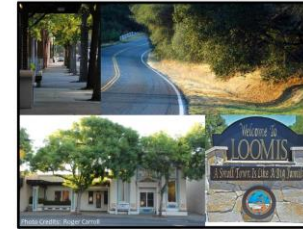
Loomis 2005 Energy Consumption



What Has Changed Since the Last General Plan?

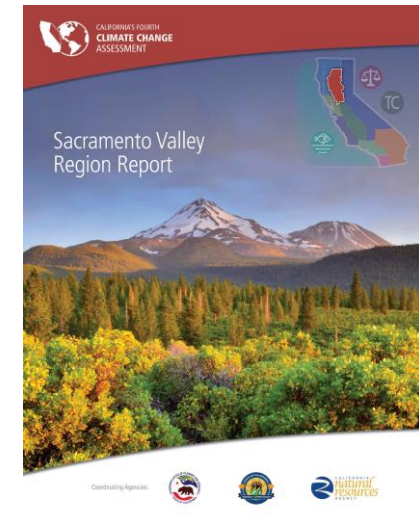
- Nonattainment for ozone and fine particulates
- Planning to address toxic air contaminants
- State GHG targets and related regulatory rollouts
- CEQA and GHG emissions impacts
- Court decisions on GHGs, air quality, and energy
- Requirement to address climate adaptation
- Updated energy efficiency requirements
- Cleaner electricity

Town of Loomis Strategic Energy Resources Report



APPROVED BY THE TOWN COUNCIL MARCH 17, 2015

Produced by Sierra Business Council
Supported by Pacific Gas and Electric Company (PG&E)
In Collaboration with Town of Loomis

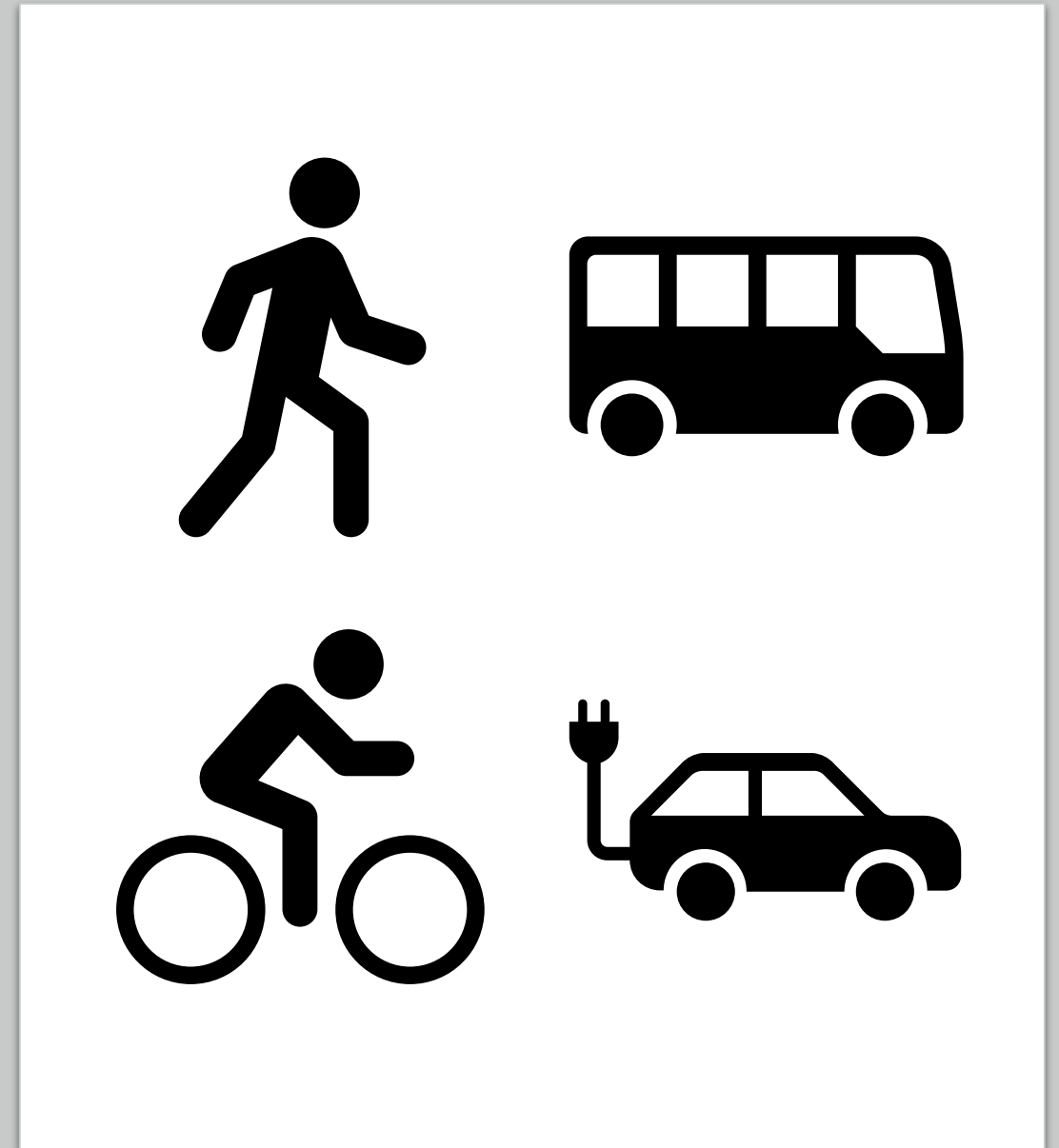


A blue ribbon graphic with a 3D effect, featuring a darker blue shadow on the left side. The ribbon is horizontal and contains the text "Policy Considerations" in white.

Policy Considerations

Air Quality and GHGs

- PCAPCD “standard” construction strategies
- State regulation of construction equipment, railroad engines, vehicles and fuels
- Integrated land use and transportation planning
 - Increase bicycle, pedestrian, transit, and carpool travel
 - “Win-win” solutions
 - Transportation impact fees based on travel demand rather than congestion
- Land use planning to avoid exposure to substantial pollutant concentrations



Climate Change

Global phenomenon, but effects are experienced regionally and locally.

- Increased average and extreme temperatures
- Shifting precipitation patterns resulting in megadroughts, flooding, reduced snowpack and large wildfires
- Secondary effects on water and energy reliability, agricultural systems, plants and wildlife and public health.

Policy Review



Has this policy/program been effective?



Should existing policies/programs be strengthened?



Is the language clear?



Are there issues not addressed that should be?



Is the content no longer relevant?



What policy updates are required as a result of recent State law?

Next Steps

Review

The Setting:

<https://loomis.ca.gov/2020-general-plan-update/>

Review

The existing Element

Identify

Key issues

Submit

Submit comments: GPUUpdate@loomis.ca.gov

Air

Next meeting: May 6th, 2021 at 7 PM.

Questions?

Please send all comments through:
GPUupdate@loomis.ca.gov