

Climate Action Planning



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Warm Springs CAB - July 10, 2024

The background of the slide is a close-up photograph of a tree trunk, showing concentric growth rings in shades of brown, tan, and grey. The rings are slightly wavy and create a sense of depth and texture.

**Meeting the needs of the present
without compromising the ability
of future generations
to meet their own needs**

CLIMATE



Long-term (usually at least 30 years) regional or even global average of temperature, humidity, and rainfall patterns over seasons, years, or decades.

ENVIRONMENT



All the physical surroundings on Earth. The environment includes everything living and everything nonliving. Nonliving: atmosphere, hydrosphere (water), lithosphere (outer layer of Earth).

RESILIENCE



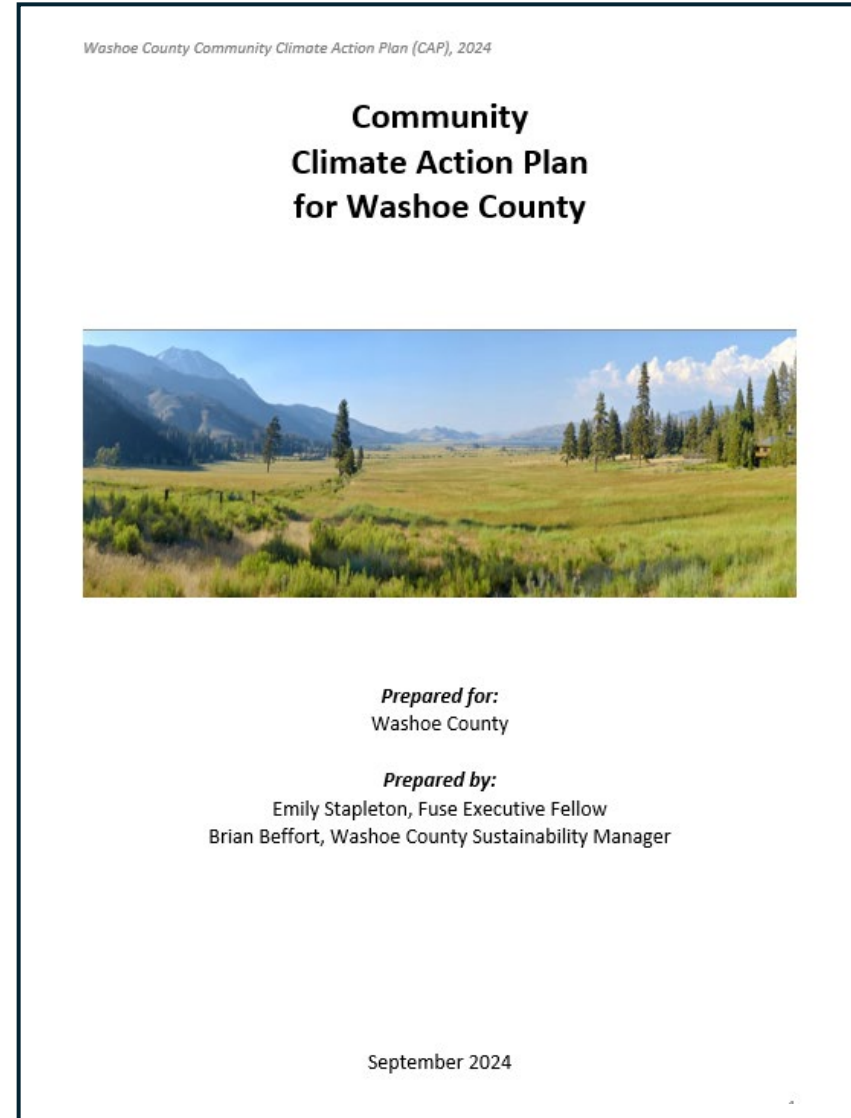
The capacity of a community, business, or natural environment to prevent, withstand, respond to, and recover from a disruption.

We're creating a Climate Action Plan

a **strategic document** that outlines a **collection of measures and policies** to reduce greenhouse gas (GHG) emissions and actively address climate challenges.

It defines **reduction goals** based on local priorities and develops a **framework with tactical activities** to help achieve those goals.”

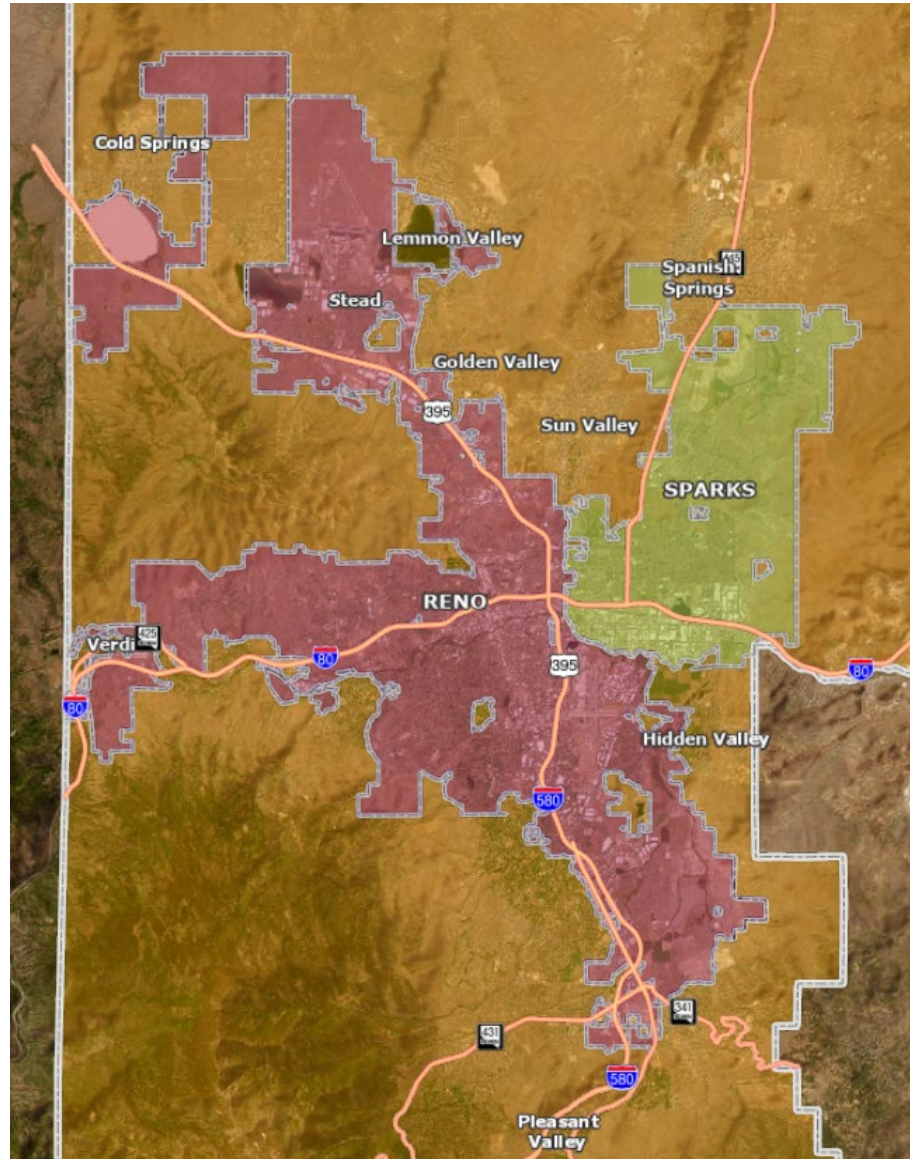
A climate action plan also **aims to address inequalities** in the way the effects of climate change are being distributed.”



Washoe County, geography

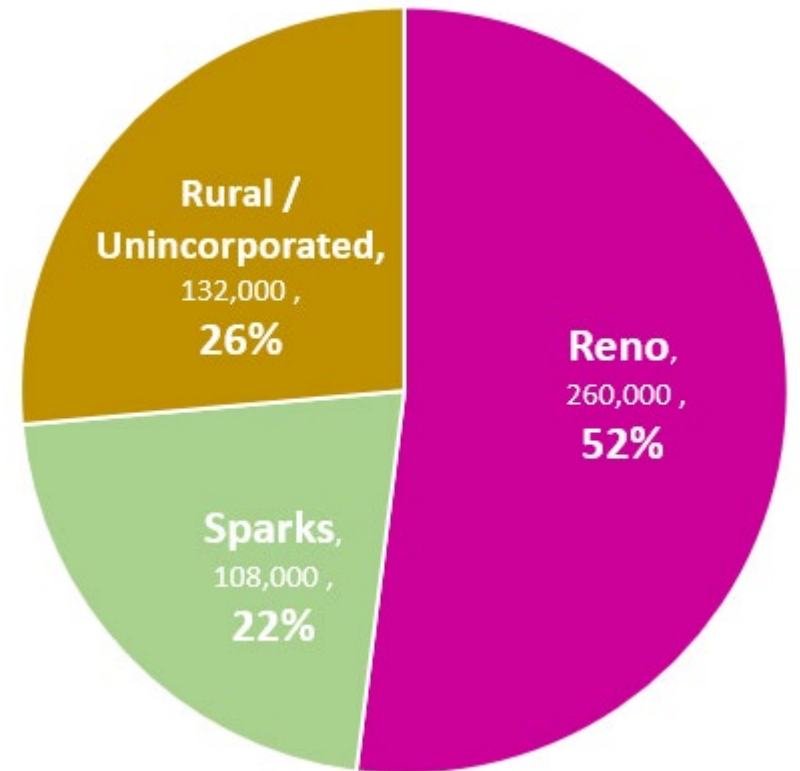


6,600 square miles



Washoe Regional Mapping System (washoecounty.us)

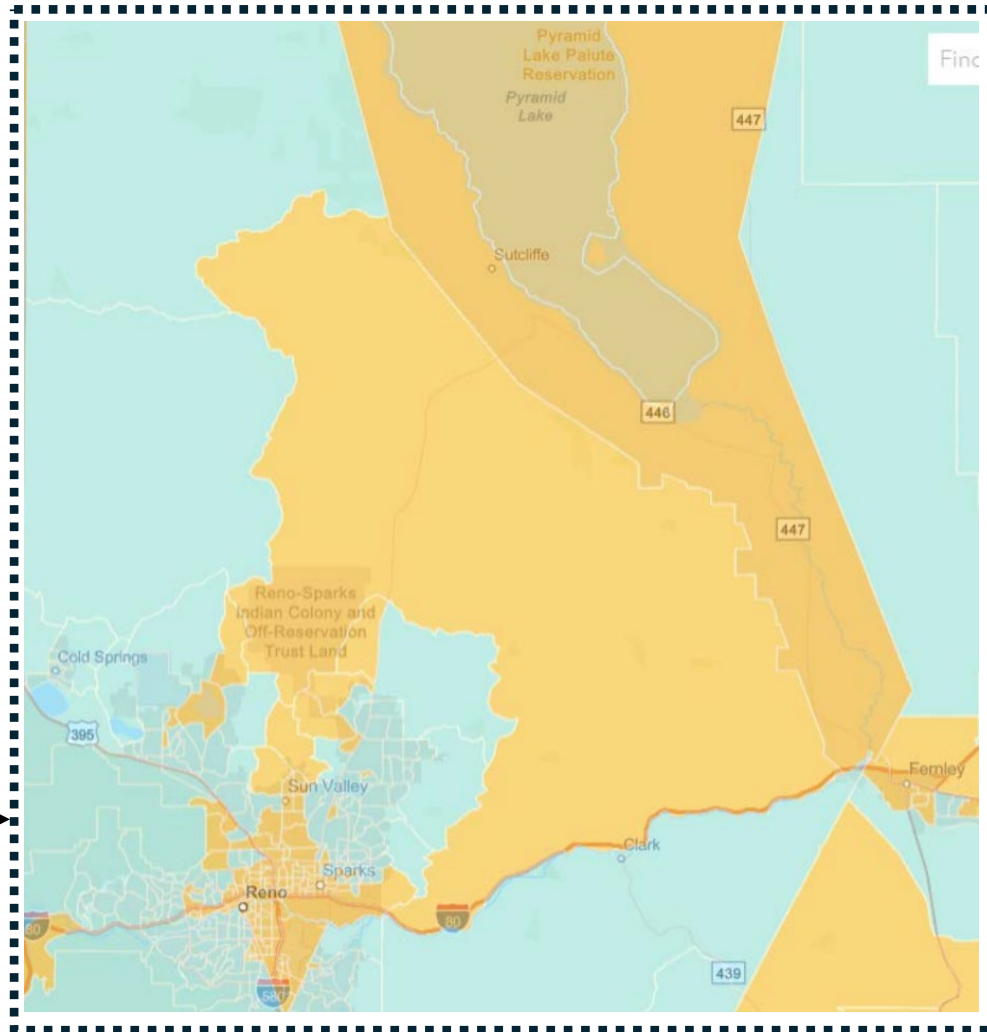
26% live in Rural / Unincorporated



2021 uspopulation.org

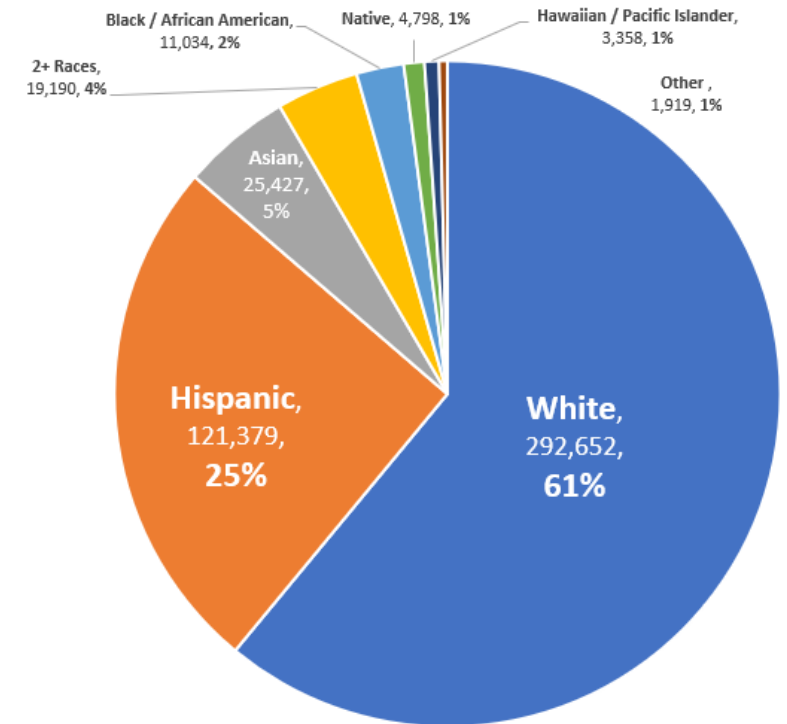
Washoe County, population (479k)

Areas around Reno, Sparks, and Pyramid Lake
have high Environmental Justice concerns



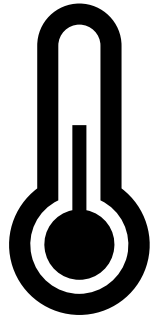
Source: <https://ejscreen.epa.gov/mapper/>

25% Hispanic








2021 uspopulation.org

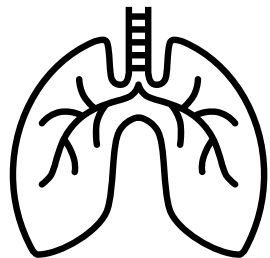
Our health goals



Healthier average
Temperatures







-  Limit severe weather
-  Limit heat health risks
-  More stable growing seasons
-  Less acidic oceans
-  Wildlife conservation

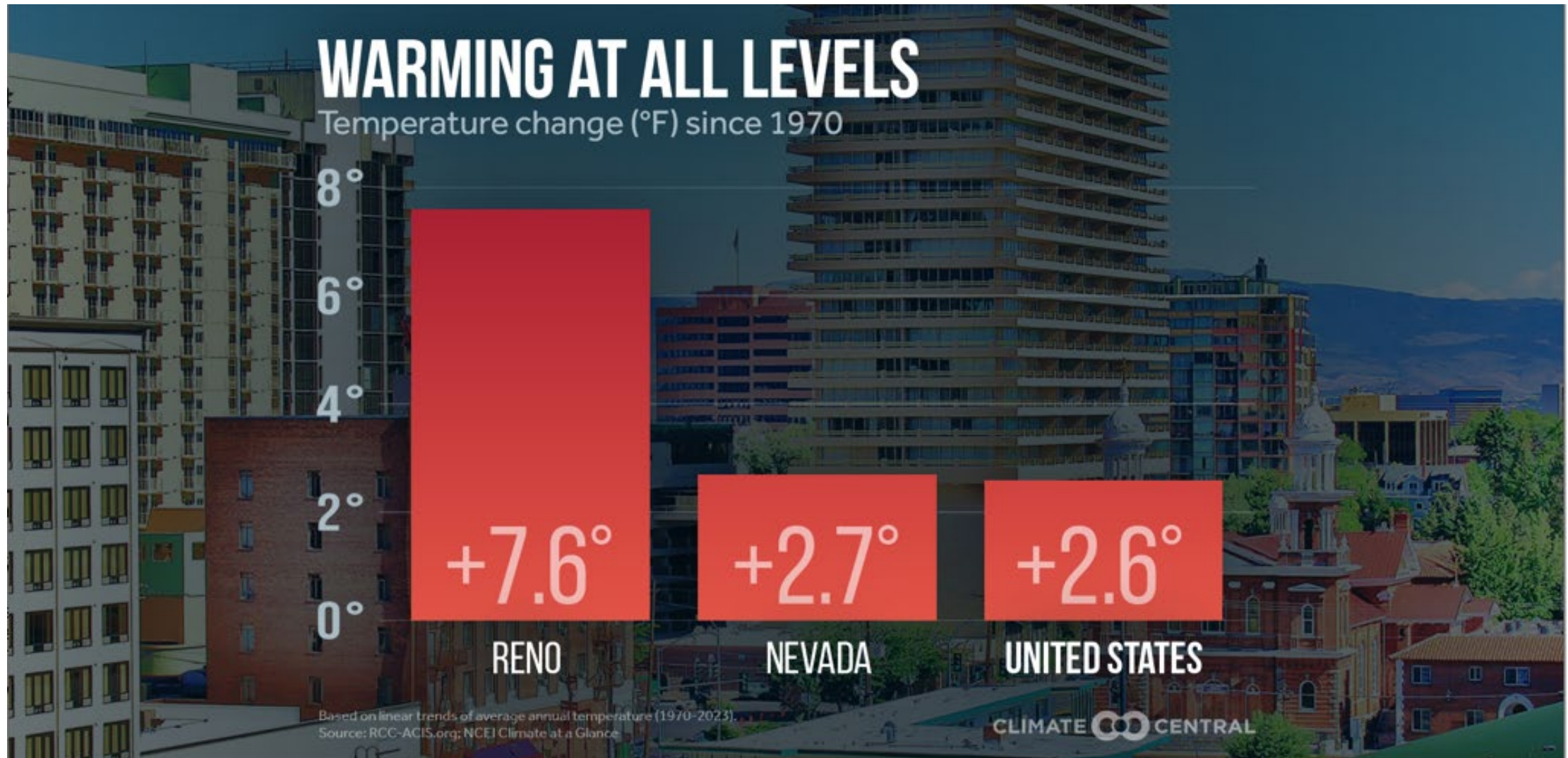


Improved
Air Quality

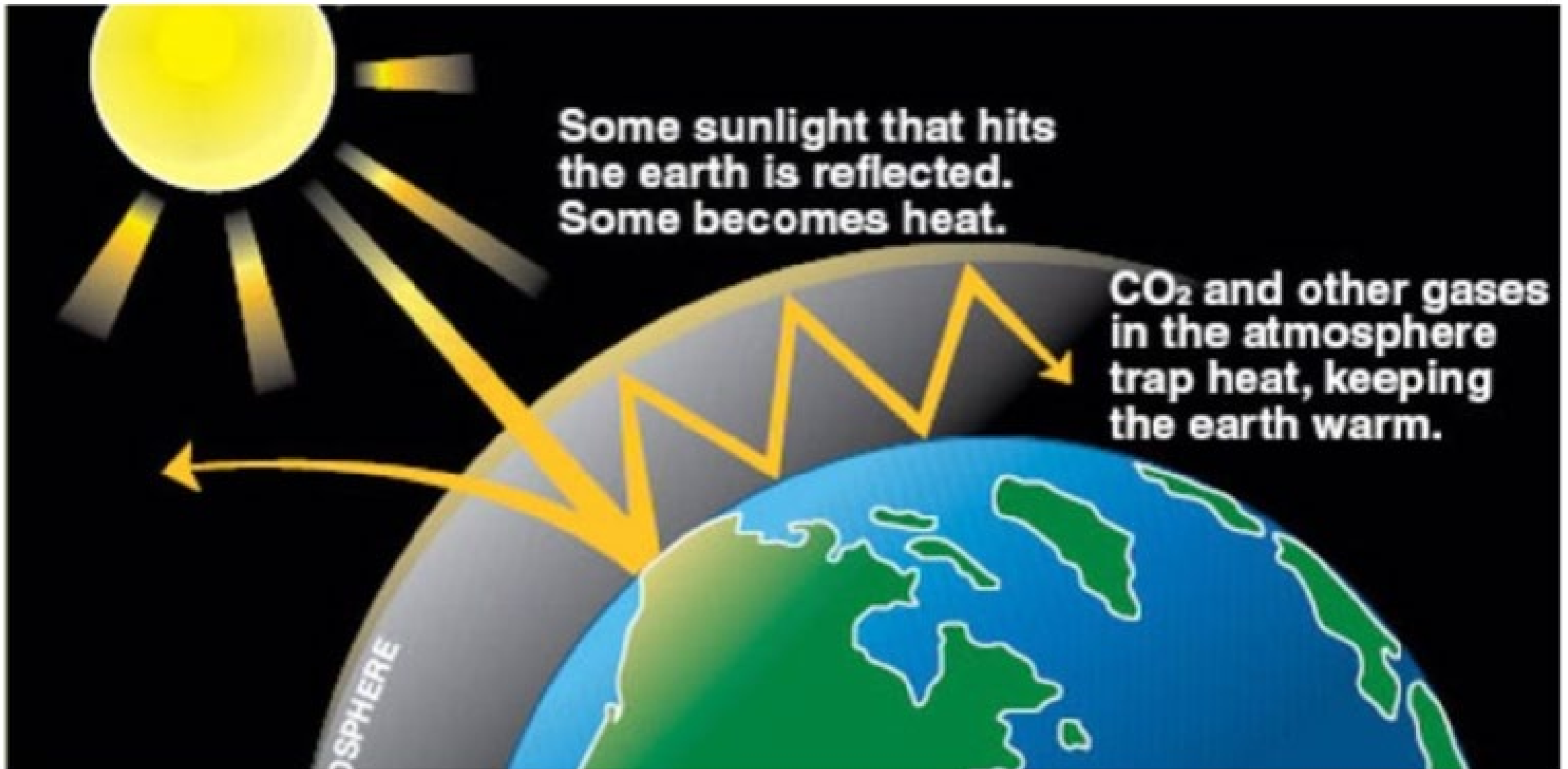


-  Less risks for asthmatics
-  Less impact for those with allergies
-  Fewer adverse cardiovascular impacts
-  More opportunities to enjoy the outdoors

Reno is the country's fastest warming metro



Trapped greenhouse gases (GHGs) cause warming



Source: <https://astrocamp.org/blog/greenhouse-effect/>

Everyday activities contribute to warming

Transportation



Solid Waste



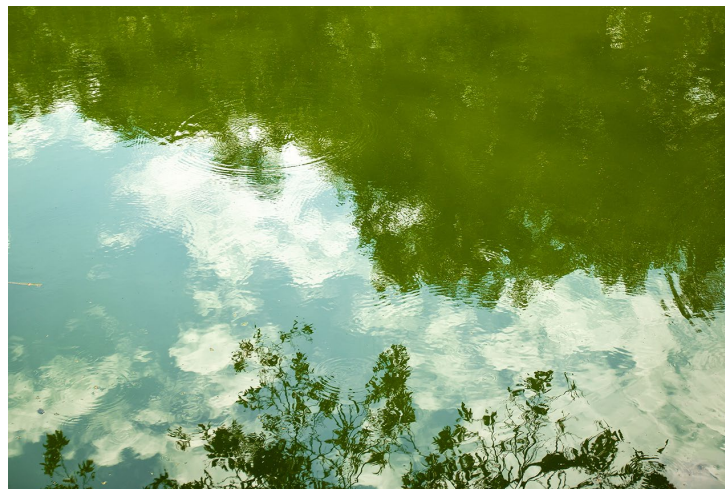
Potable Water



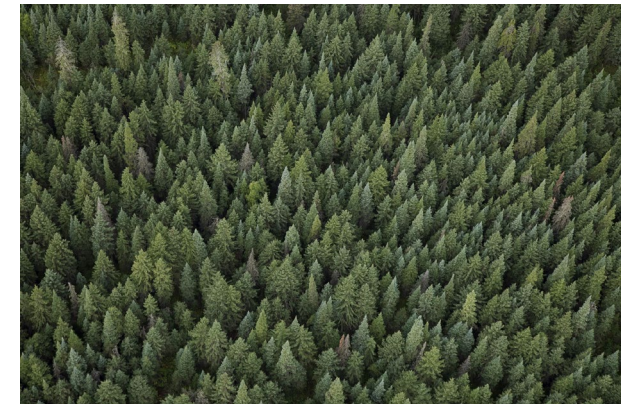
Buildings



Wastewater



**Agriculture, Forestry,
Other Land Use (AFOLU)**



BUILDINGS

~54%



- Renewable energy
- Electric appliances
- Insulation
- Development locations
- Your ideas?

TRANSPORTATION

~27%



- Walking
- Biking
- Transit
- Carpools
- Trains
- Telecommuting
- Land use & planning
- Electric Vehicles
- Your ideas?

WATER & WASTE

~14%

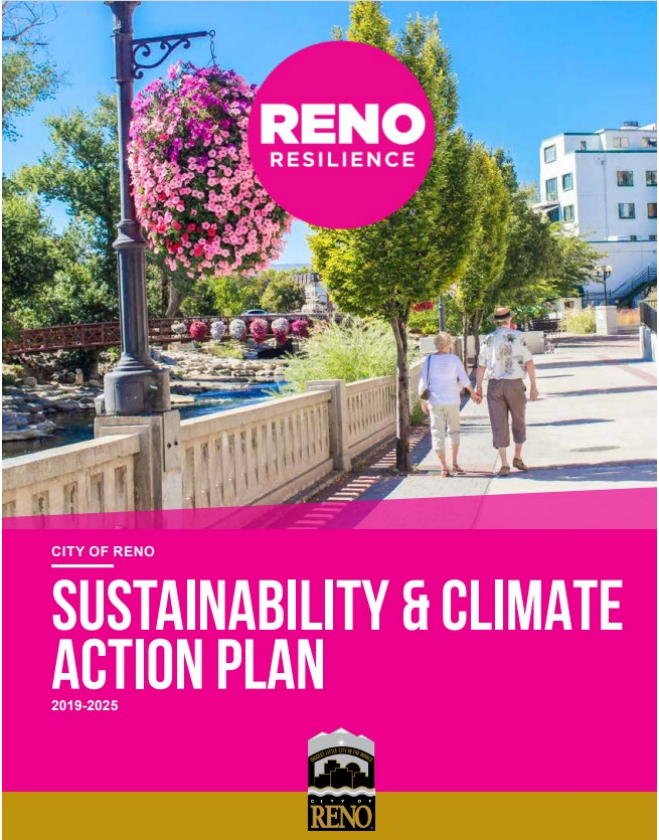
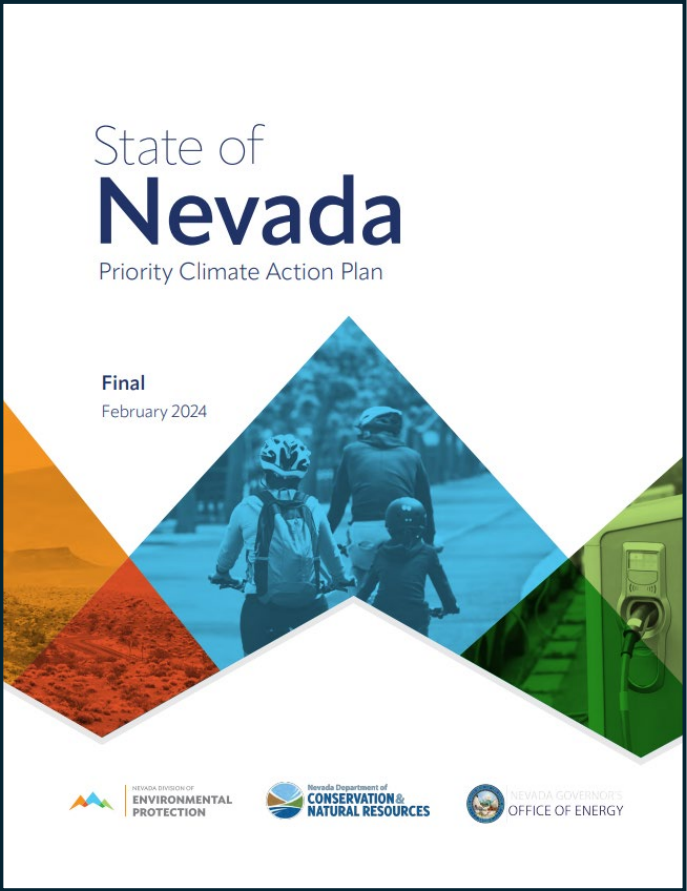


- Reuse of goods
- Rent / borrow / gift
- Compost
- Conserve Water
- Your ideas?

Net Zero

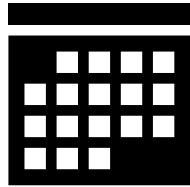
2050

We work in community



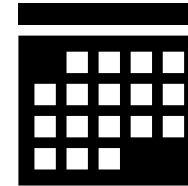
We appreciate your feedback and participation

July 2024



Take the
Clean Air survey

August 2024



Review Washoe County's
draft Climate Action Plan

Take the survey and sign up for Washoe County Sustainability emails at

washoecounty.gov/sustainability