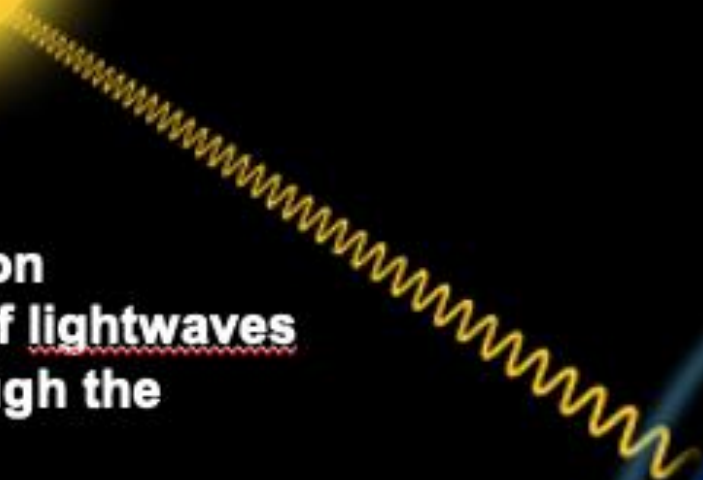
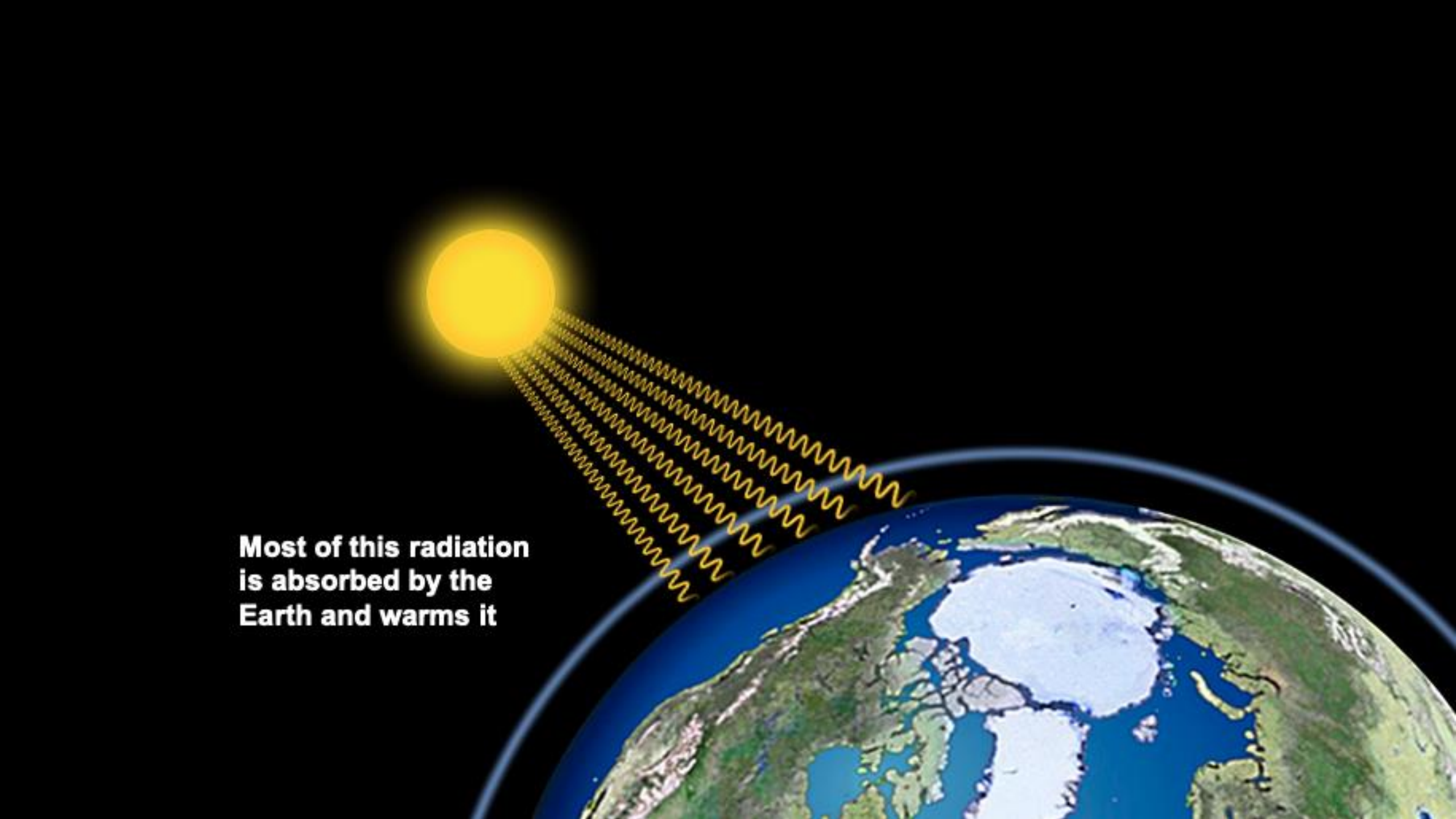


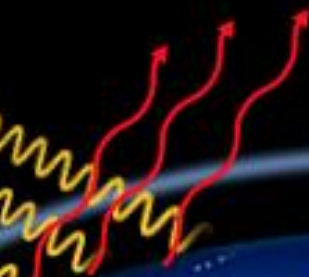
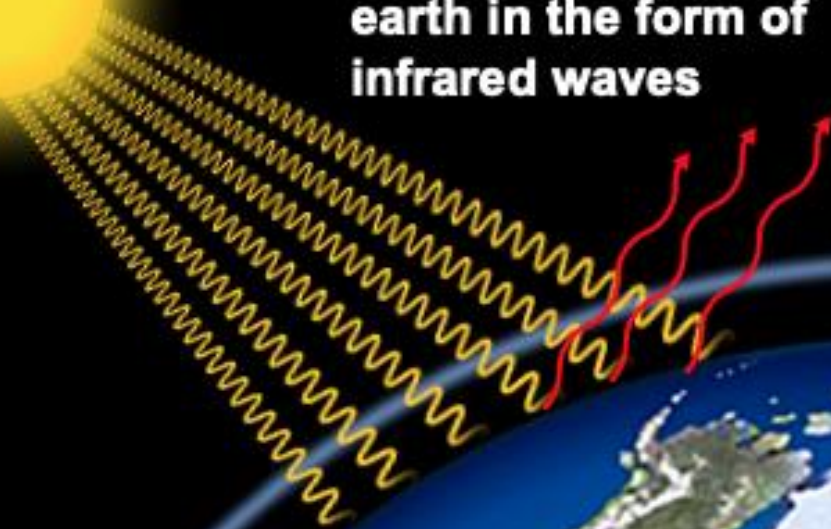
**Solar radiation
in the form of lightwaves
passes through the
atmosphere**

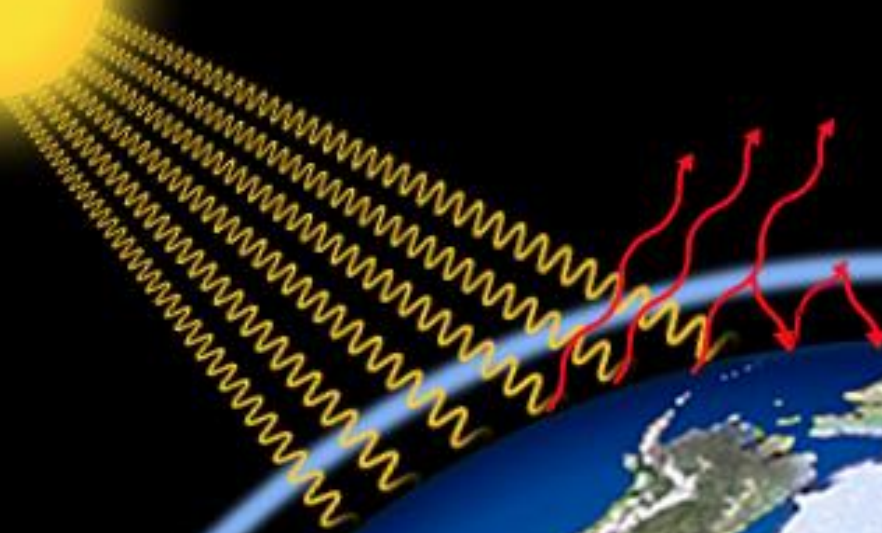


A diagram illustrating solar radiation. A bright yellow sun is positioned in the upper left. Multiple parallel wavy lines, representing electromagnetic radiation, extend from the sun towards the Earth. The Earth is shown as a curved horizon in the lower right, with a detailed view of the Arctic region, including the Arctic Ocean and surrounding landmasses. The radiation lines are shown striking the Earth's surface.

**Most of this radiation
is absorbed by the
Earth and warms it**

**Some energy is radiated
back into space by the
earth in the form of
infrared waves**





As the CO₂ concentration increases, more of the outgoing infrared radiation is trapped.





KEEP OFF LAKE

POND CLOSED
NO SKATING





STATE OF COLORADO
ENVIRONMENTALLY PREFERABLE
PURCHASING POLICY

DEPARTMENT OF PERSONNEL AND ADMINISTRATION
STATE PURCHASING OFFICE

JULY 1, 2009



Main Street Program

Main Street is the heart of your community!

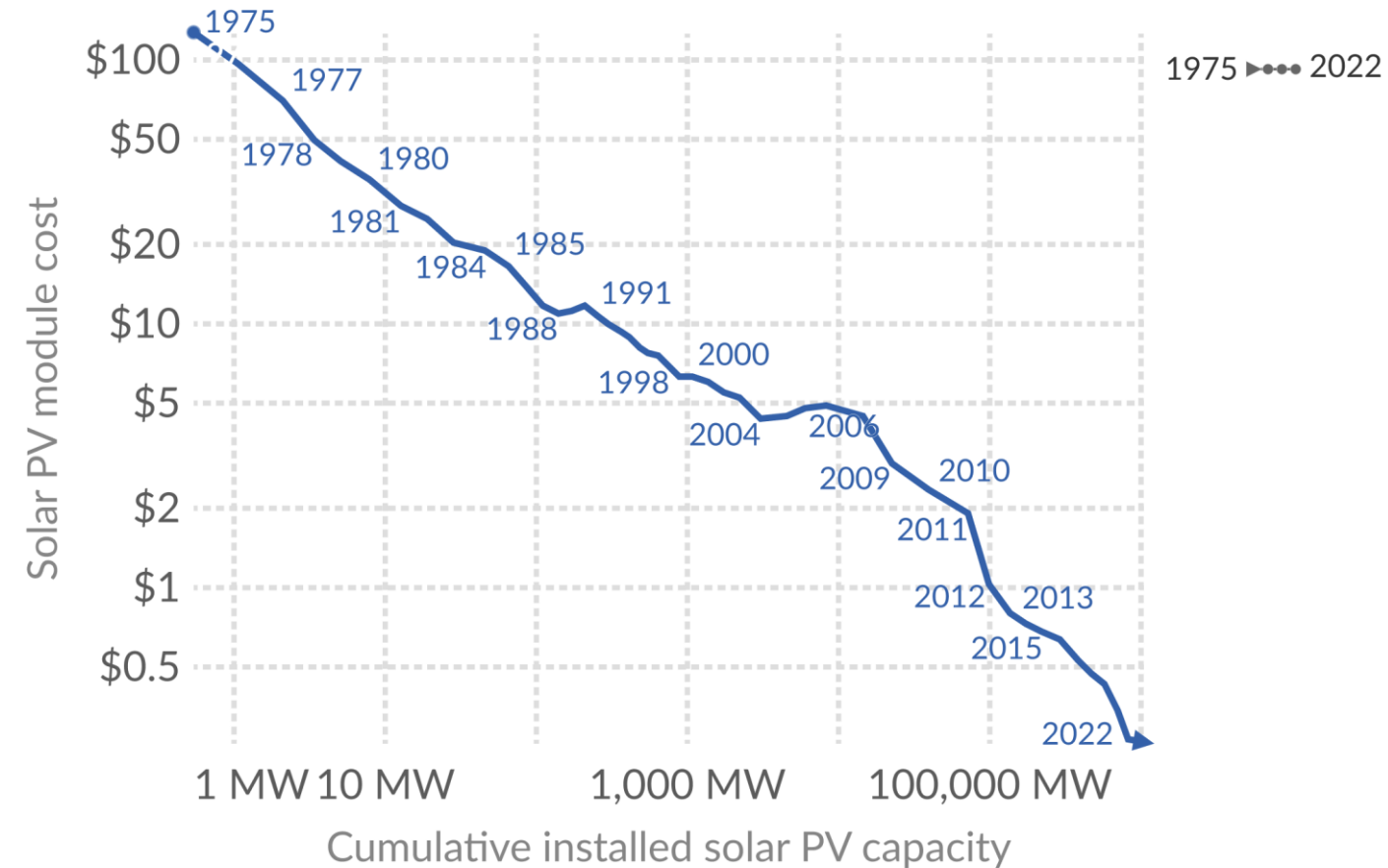




8.22 megawatts Capacity of the SunEdison Alamosa solar plant, above 1,652 Number of homes able to be powered by the plant in 2008

Solar panel costs have fallen by around 20% for every doubling of global cumulative capacity

Costs are measured in US dollars per Watt, adjusted for inflation.



Data source: IRENA (2023); Nemet (2009); Farmer and Lafond (2016)

CC BY

1. The U.S. will get 93% of its new generating capacity this year from solar, batteries, and wind

U.S. planned utility-scale electric generating capacity additions (2026)
gigawatts (GW)



Data source: U.S. Energy Information Administration, *Preliminary Monthly Electric Generator Inventory*, December 2025

A chart shows the expected new generating additions in the U.S. grid's pipeline. Photo: EIA



COLORADO
Energy Office

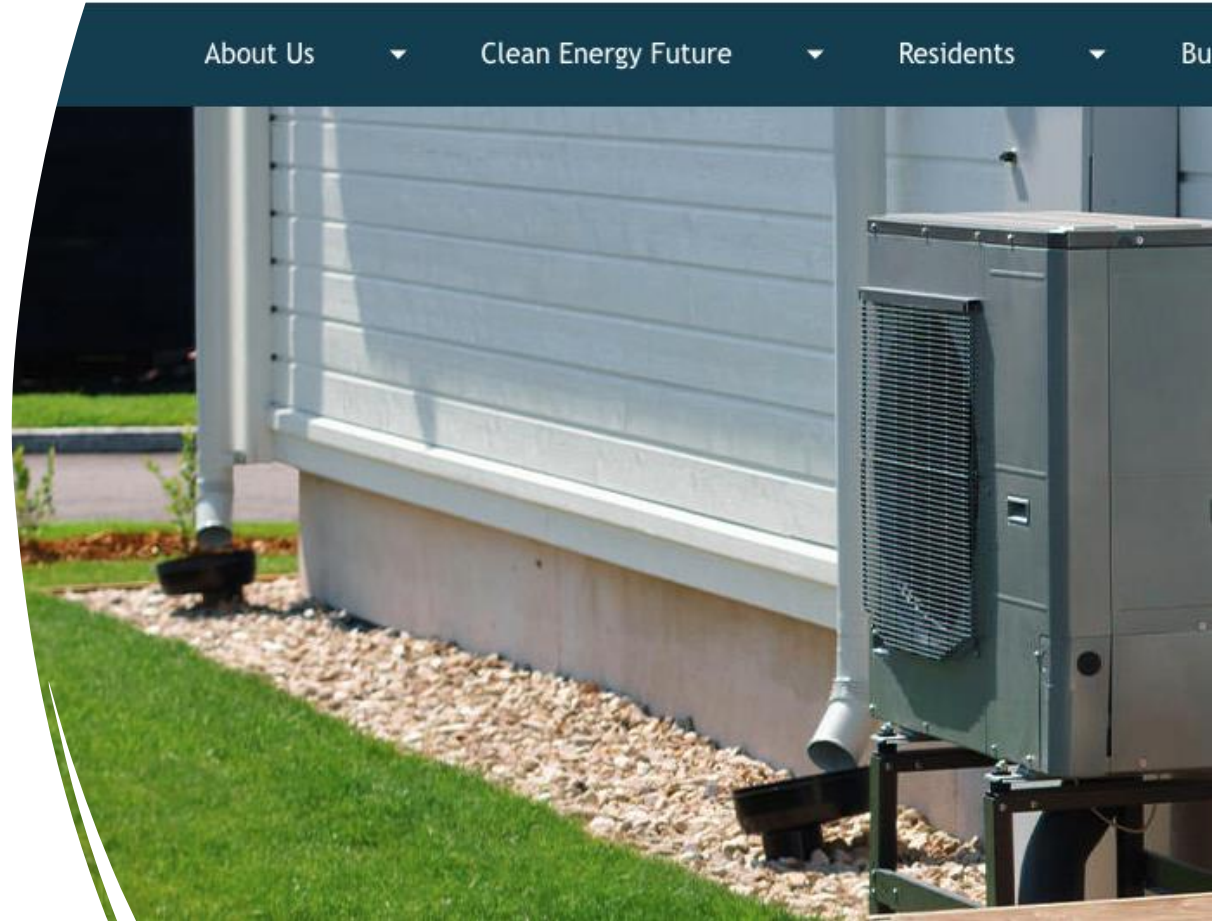
About Us

Clean Energy Future

Residents

Bu

EnergyOffice.Colorado.gov



PowerAheadColorado.org



What is Plug-in “Balcony” Solar?

- Small, modular PV units ($\leq 1200\text{W}$) that plug into a standard outlet.
- Fits in many small spaces: balcony, patio, backyard, side of a building etc
- Feeds power directly into the home’s electrical system, like an appliance in reverse.
- Offset grid use and reduce utility bills.
- Works with traditional grid-connected homes, like rooftop solar.



~ 70% global energy

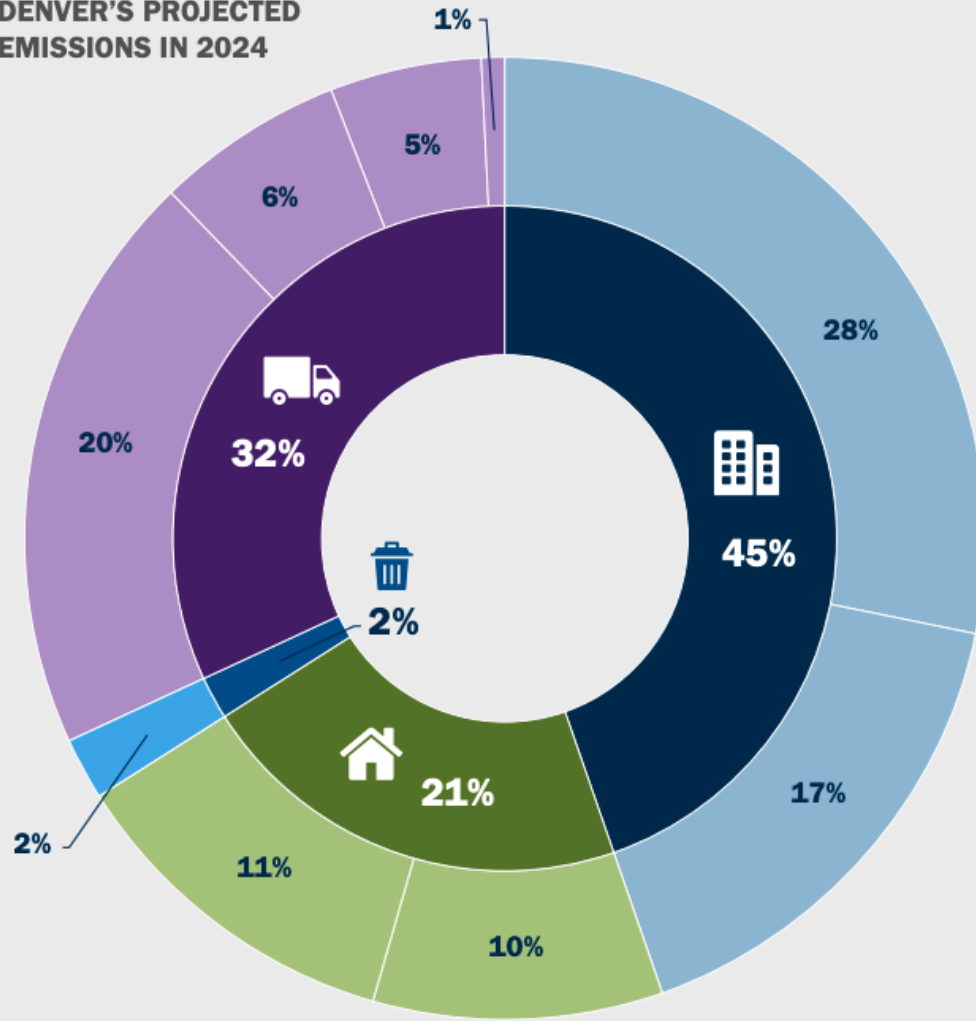
Local Impacts

Livable communities

Innovation



DENVER'S PROJECTED EMISSIONS IN 2024



Transportation

- 20%** On-Road Gasoline
- 6%** On-Road Diesel
- 5%** Other
- 1%** On-Road Electricity

Commercial & Industrial Buildings

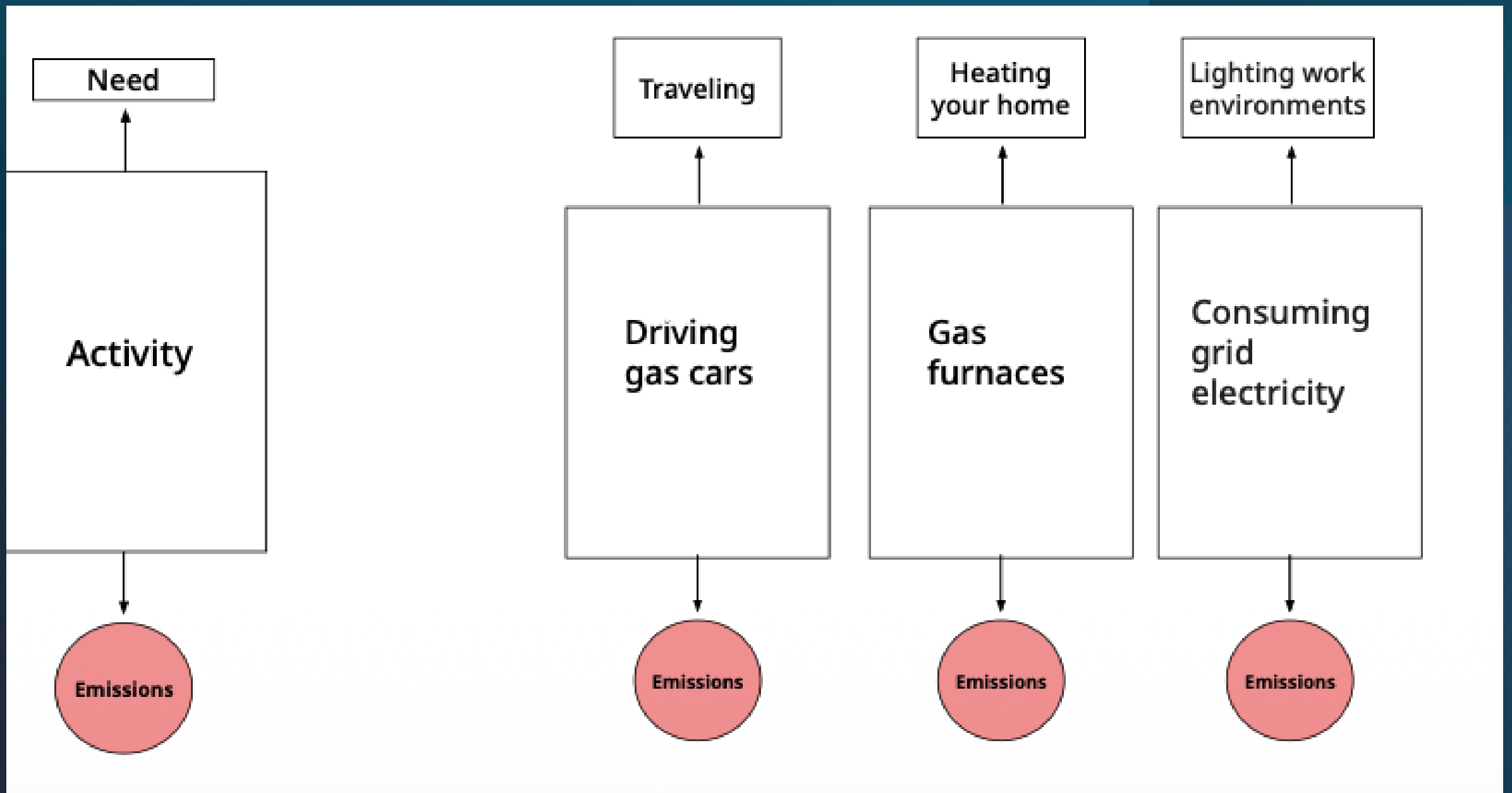
- 28%** Electricity
- 17%** Natural Gas

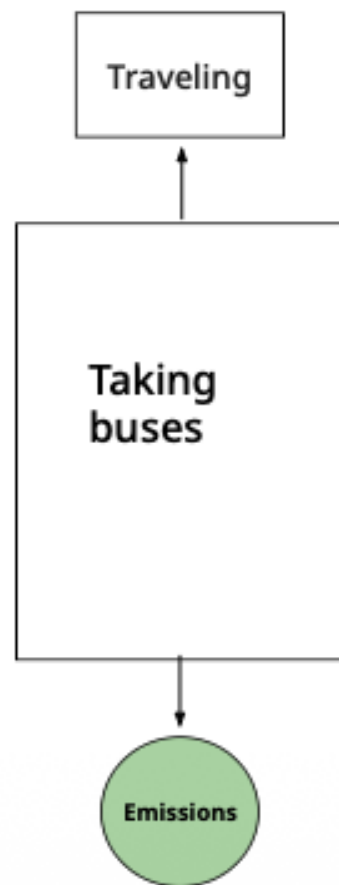
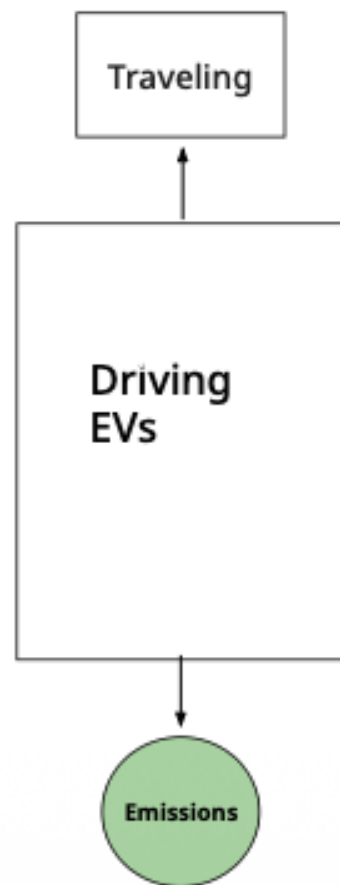
Residential Homes

- 10%** Electricity
- 11%** Natural Gas

Waste

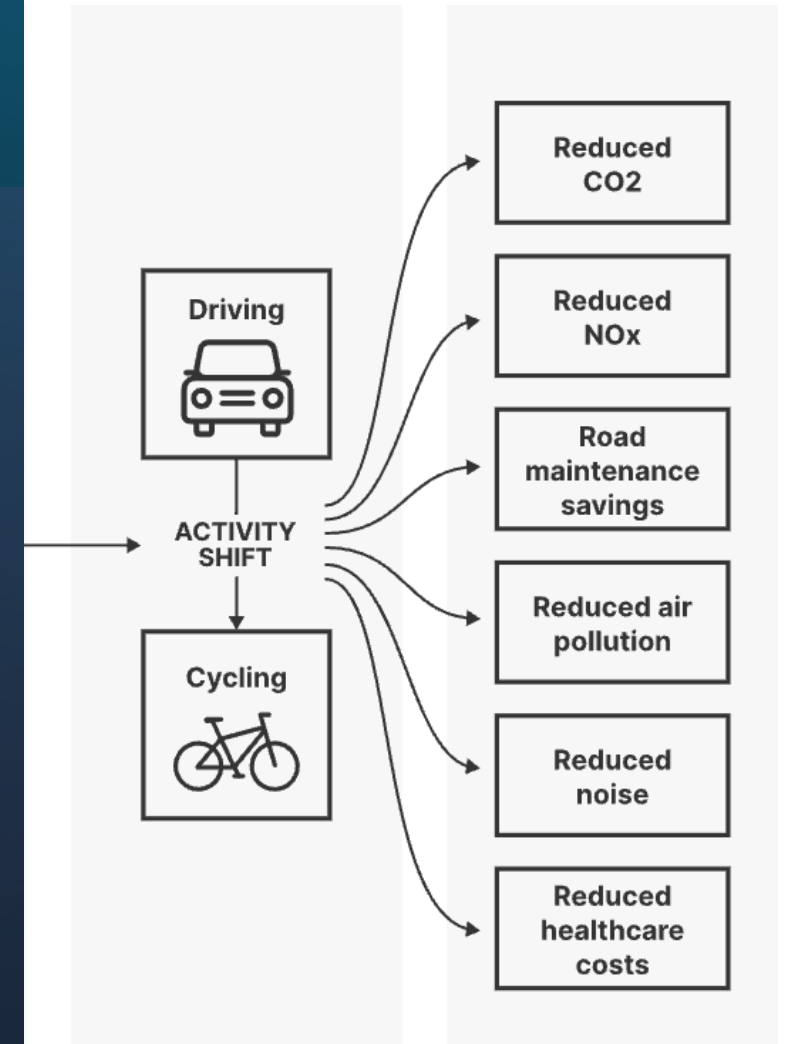
- 2%** Landfill Waste



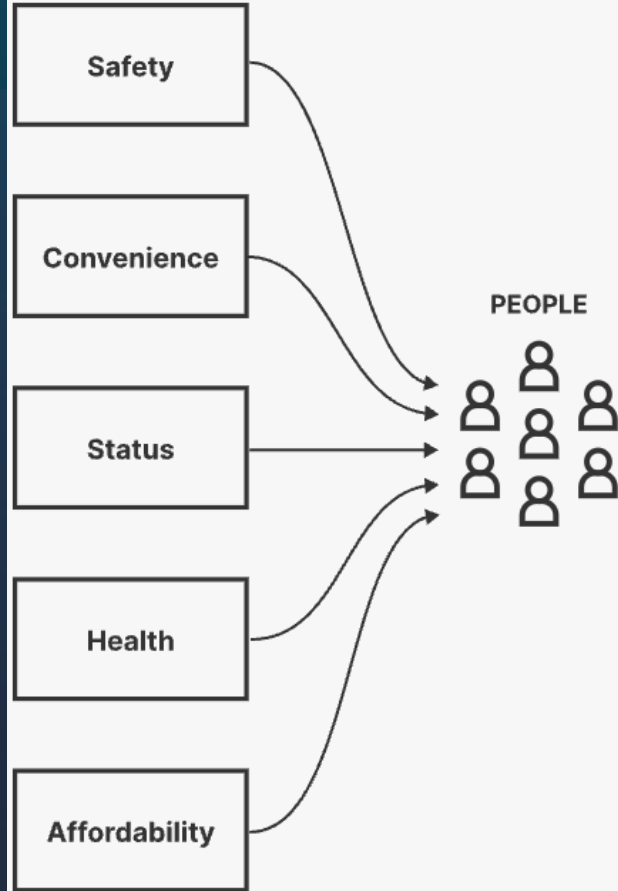


ACTIVITY SHIFT

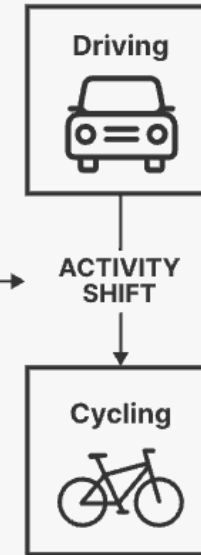
OUTCOMES



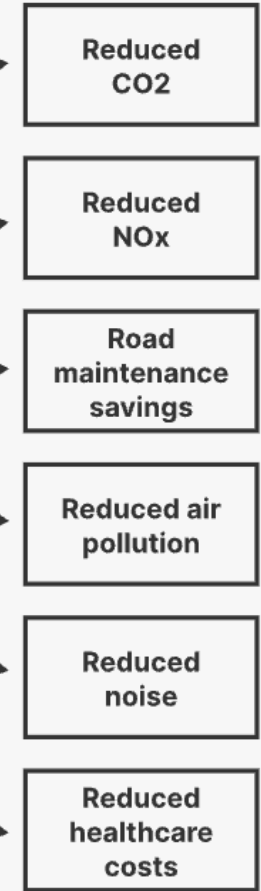
BEHAVIOURAL CHANGES

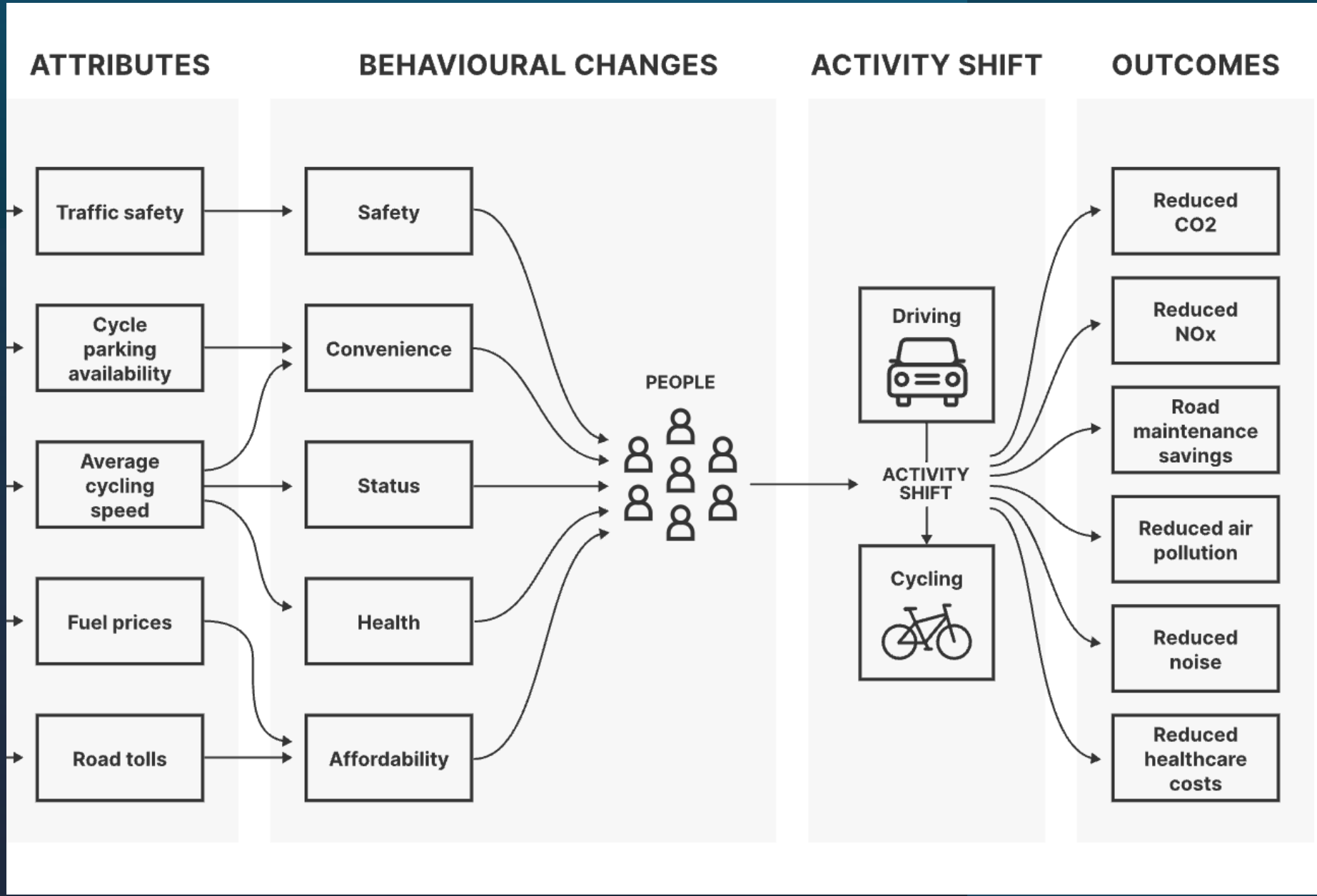


ACTIVITY SHIFT



OUTCOMES





INTERVENTIONS

ATTRIBUTES

BEHAVIOURAL CHANGES

ACTIVITY SHIFT

OUTCOMES

30 km/h zones

Traffic safety

Safety

All-weather cycle parking

Cycle parking availability

Convenience

Dynamic traffic lights

Average cycling speed

Status

Fuel Taxes

Fuel prices

Health

Increase peak-hour charges

Road tolls

Affordability

PEOPLE
Do Do Do
Do Do Do
Do Do Do

Driving


ACTIVITY SHIFT

Cycling


Reduced CO2

Reduced NOx

Road maintenance savings

Reduced air pollution

Reduced noise

Reduced healthcare costs



Mitigation



Resilience



Equity



Nature & Health



Circular Economy



Origins of Denver's Green Buildings Ordinance

Learn about the 2017 voter mandate and subsequent joint task force leading to the creation of the Green Buildings Ordinance

Saturday, April 25th

10 a.m. to 12 p.m.

CSU Spur, Hydrobuilding, Confluence
Theater

4777 National Western Drive

Denver, CO 80216



Denver Resilient Landscapes

A Symposium Event

Free Seeds & Giveaways!



Five principles for people-centered climate action



Driving a just transition in cities and regions

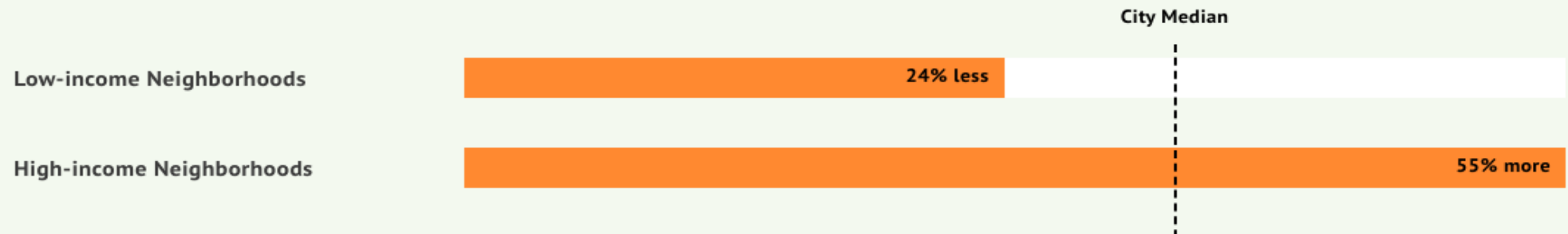


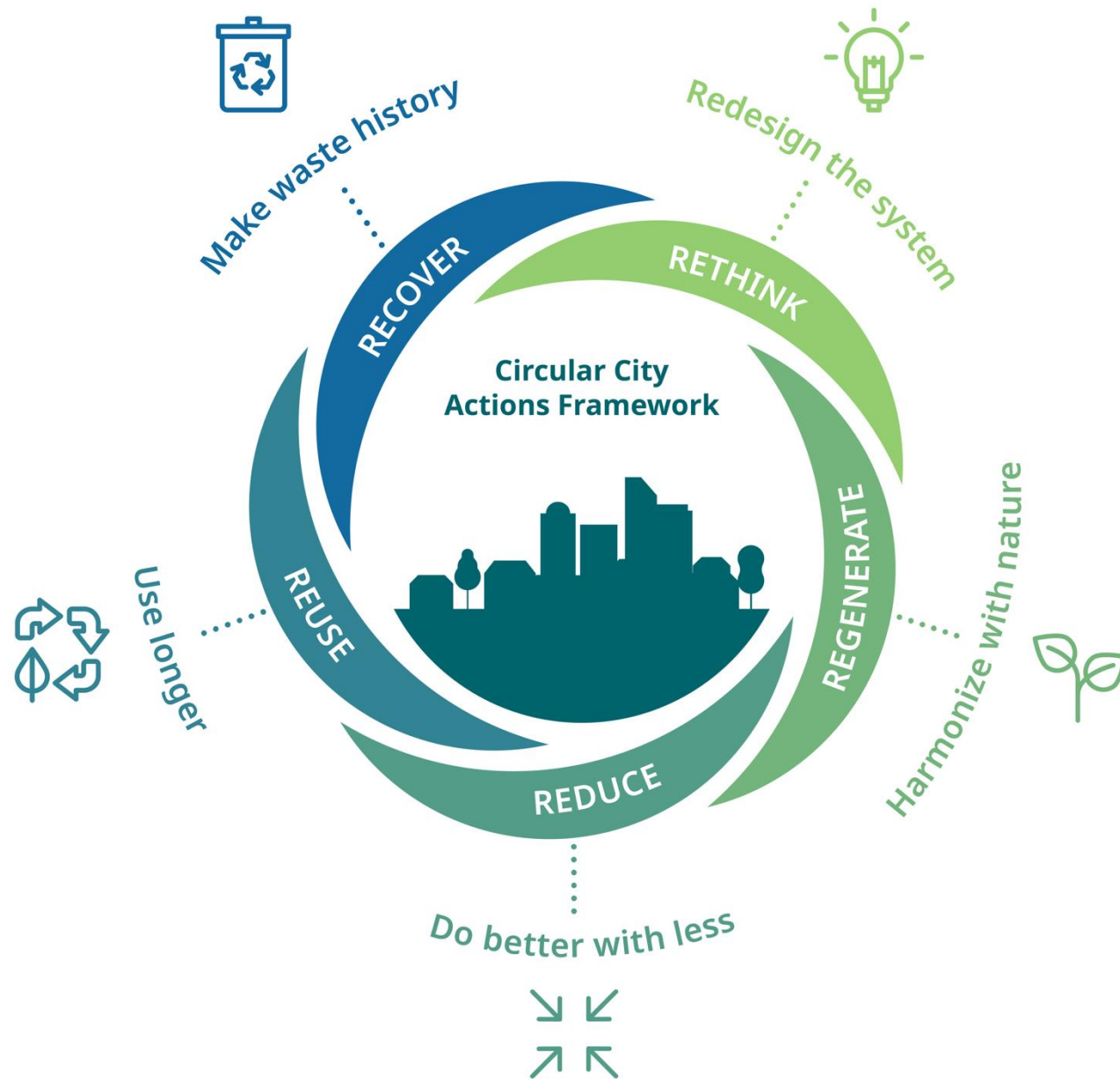
96% of Denver residents
live within a 10-minute walk
of a park.


National Average, 100 most populous US Cities: 76%

National Average, all urban cities and towns in US: 57%

Comparing amount of park space between neighborhoods by income





The background of the slide is a photograph of the U.S. Supreme Court building, showing its iconic neoclassical architecture with large columns and a pediment. A red horizontal bar is positioned above the main title.

U.S. SUPREME COURT WILL HEAR CASE AGAINST EXXONMOBIL AND SUNCOR ENTITIES

Court will consider the companies' bid for immunity from damages claims after a win for Boulder County and the City of Boulder in state supreme court. The grant comes as Colorado continues to experience injuries associated with rising temperatures.



Human Caused...

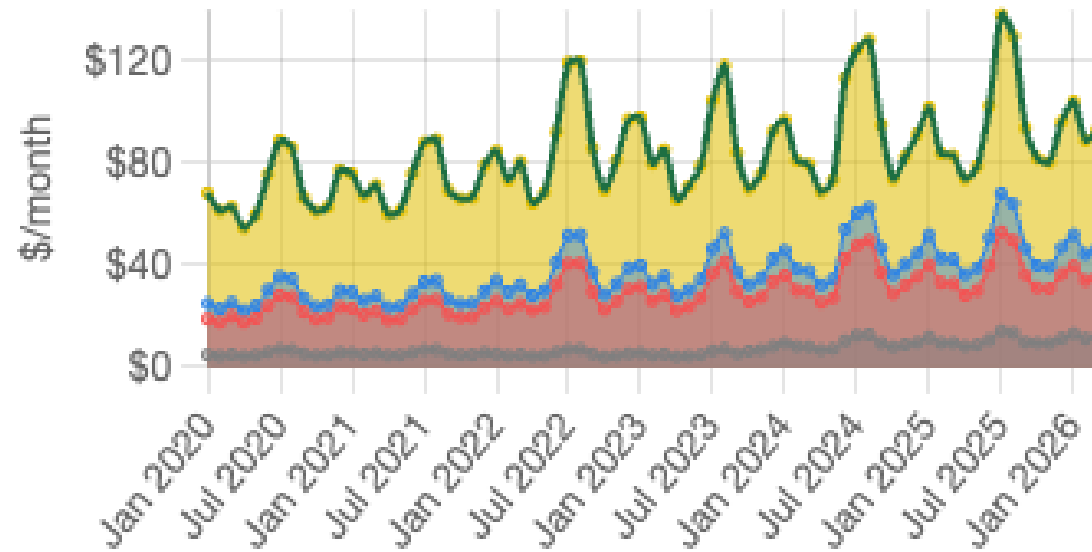
Human Solutions



Utility Detail

Public Service Co of Colorado

Average Bill: \$92.55/month





Alarmed



Concerned



Cautious



Disengaged



Doubtful



Dismissive



Talking Climate
123,099 subscribers

✓ Subscribed



Faith leaders call out climate lies



Katharine Hayhoe [in](#)

Climate Scientist | Distinguished Professor, Texas Tech | Chief Scientist, The Nature Conservancy | Author, SAVING US | LinkedIn...

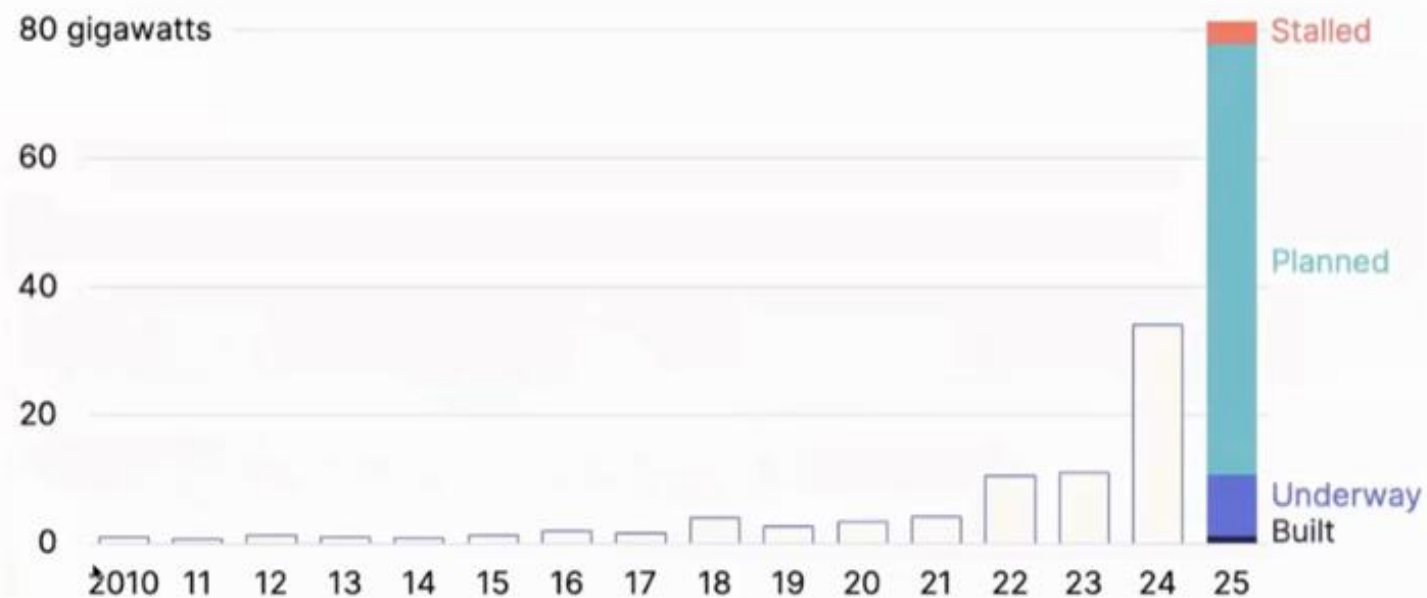


April 8, 2026

Last week, I shared some of my favourite sources of good, accurate climate news. **Here are a few more**, and I love that they came in from all around the world!

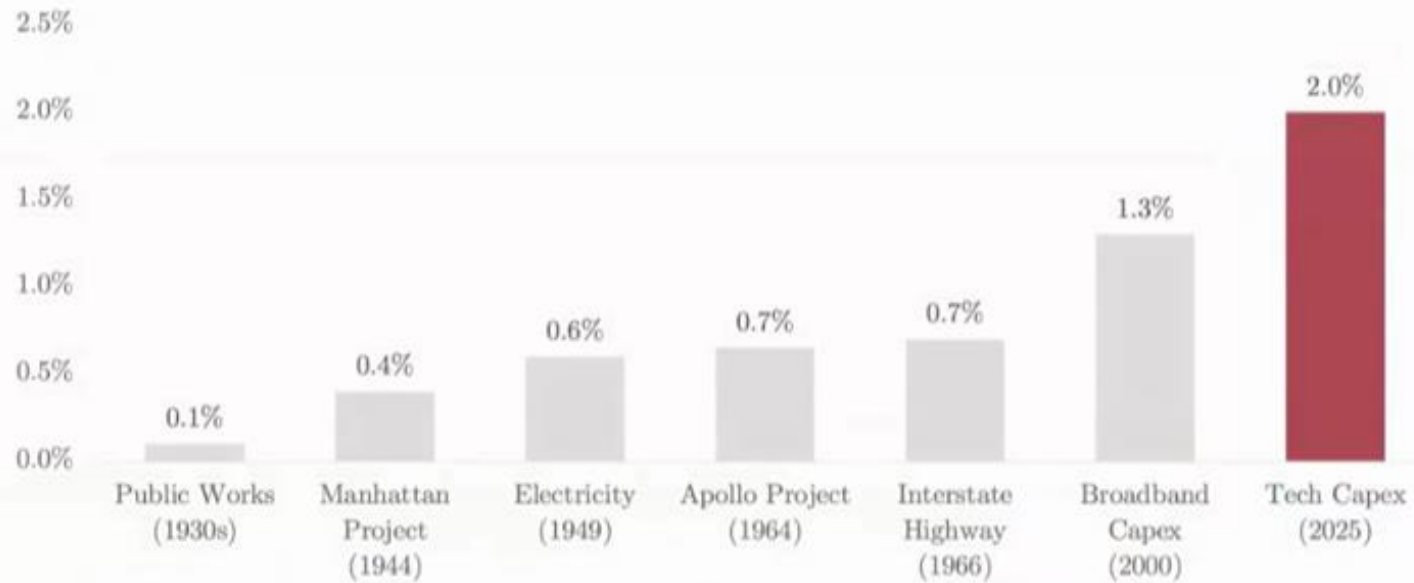
Spending on data centers has exploded

Planned US Data Center Capacity (GW)



Even relative to previous booms...that's a lot of capex

Capex by Major Project (% U.S. GDP)



Source: Nat Bullard (2026)



HB26-1030 Data
Center & Utility
Modernization

SB26-102: Measure to
Ensure
Accountability for
Large-Load Data
Centers

Denver Climate Actions for individuals

DO MORE.

Do more of what helps the planet and protects our communities.

ON-THE-GO

- Bring your own bag more often.
- Carpool
- Walk more.
- Bike more.
- Take more public transit.
- Thrift

AT HOME

- See what can be recycled curbside at Denvergov.org.
- Shop farmers markets.
- Compost
- Grow your own food.
- Plant native or drought resistant species.
- Install weatherstripping.
- Install a heat pump.
- Plant a tree.
- Install a Laundry to Landscape system.
- Buy or lease an Electric Vehicle (EV).
- Switch to solar.

AT WORK

- Declutter your digital life to reduce energy burden on servers.
- Encourage walking meetings and eco gift swaps.
- Create a "reuse" station to share

DO LESS.

Do less of what hurts the planet and our communities.

ON-THE-GO

- Idle less. Turn off your engine when stopped for prolonged periods of time.
- Skip the single-use service ware for take out or delivery.
- Drive less.
- Buy less stuff.
- Practice Zero Waste Grocery habits.
- Use fewer single-use travel items.
- Waste less by shopping at a Zero Waste business or refill shop.
- Buy less online to avoid emissions from shipping and packaging.
- Reduce the number of cars per household.

AT HOME

- Insulate your home's attic space to waste less energy.
- Install low-flow fixtures and dual-flush toilets to use less water.
- Lower your water heater's temperature to reduce energy use.
- Turn off lights in empty rooms.
- Unplug devices when not in use.
- Turn off electronics instead of leaving them on standby.
- Use less hot water.

DO SOMETHING.

If we know Denverites, the odds are you're already doing something to help fight climate change. Amazing! Think you can add something else to your list?

ON-THE-GO

- Bring your own container for leftovers.
- Coffee-to-go? Bring your own cup.
- Rally family, friends and community by spreading the word about climate action.
- Volunteer with a climate-friendly group.
- Support a green business.
- Vote for climate-conscious leaders.

AT HOME

- Upgrade lighting to LED bulbs and install smart bulbs.
- Run appliances at different times and not during utility peak hours.
- Install a smart thermostat and enroll in Xcel Energy's AC Rewards program.
- Sign up for Xcel Energy's home energy assessment.
- Hang dry your clothes or dry them outside during warm months.
- Change your outdoor watering days to Tuesdays and Thursdays.
- Harvest rainwater in a rain barrel for landscaping and watering plants.
- Upcycle old materials into something creative and new.



EARTH + ARBOR DAY EVENT

3rd Saturday of April



Washington Park Boathouse

10:00 AM - 3:00 PM

Admission is Free!

**At- Home Sustainability, Local Ecology & Plants,
Urban Tree Care, Kids Activities, Food Trucks**

