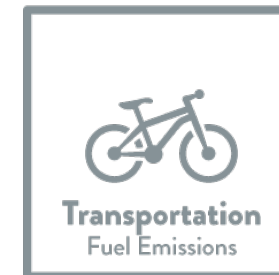
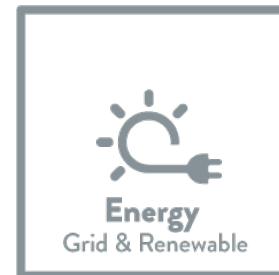




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Climate Action Collaborative Stakeholders Meeting

November 16th, 2020





Agenda

- I. Welcome & Meeting Goals
- II. Session 1: Setting the next target: 2030 or Beyond
- III. Session 2: Achieving the target: Sector Priorities
- IV. Session 3: Achieving the target: Steps + Timeline
- V. Session 4: Wrap up & Next Steps
- VI. Adjourn!



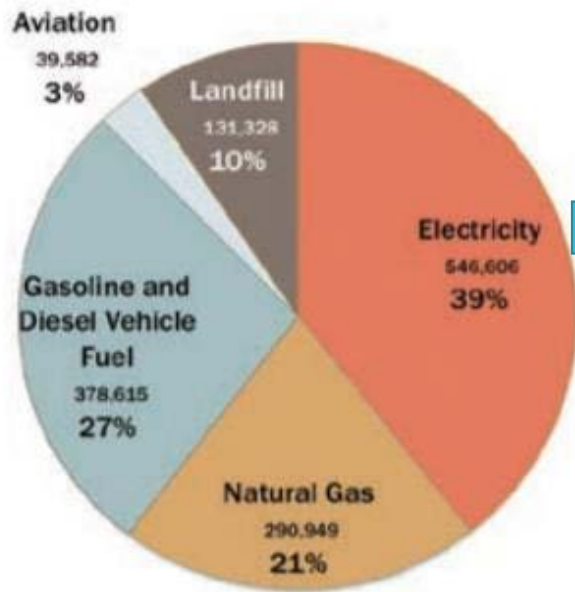
Meeting Goals

- #1 Establish the next CAC GHG Reduction Target
- #2 Determine the Priority Actions to achieve the new Target
- #3 Establish the Steps to Implement Priority Actions and Set Timeline for Implementation
- #4 Discuss Implementation and Accountability to Deliver on New Target
- #5 Keep Up Momentum!

GHG Inventory

3. Emissions by Source, 2014

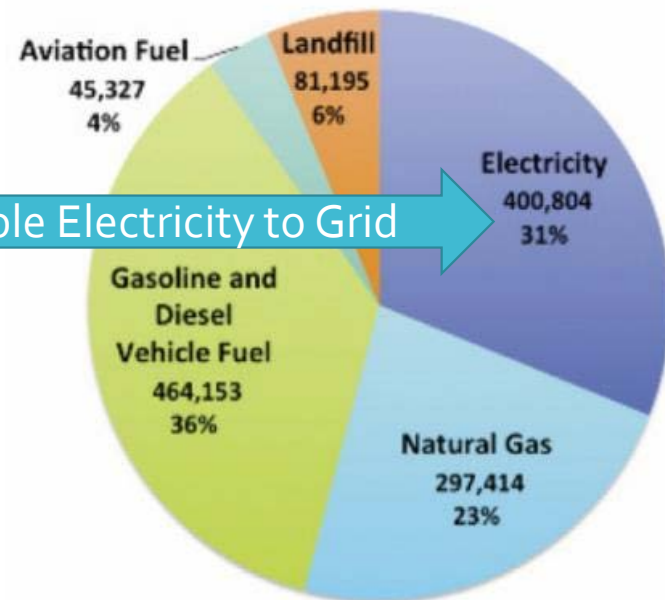
Metric tons of CO₂e



1.4 M metric tons
CO₂e

4. Emissions by Source, 2017

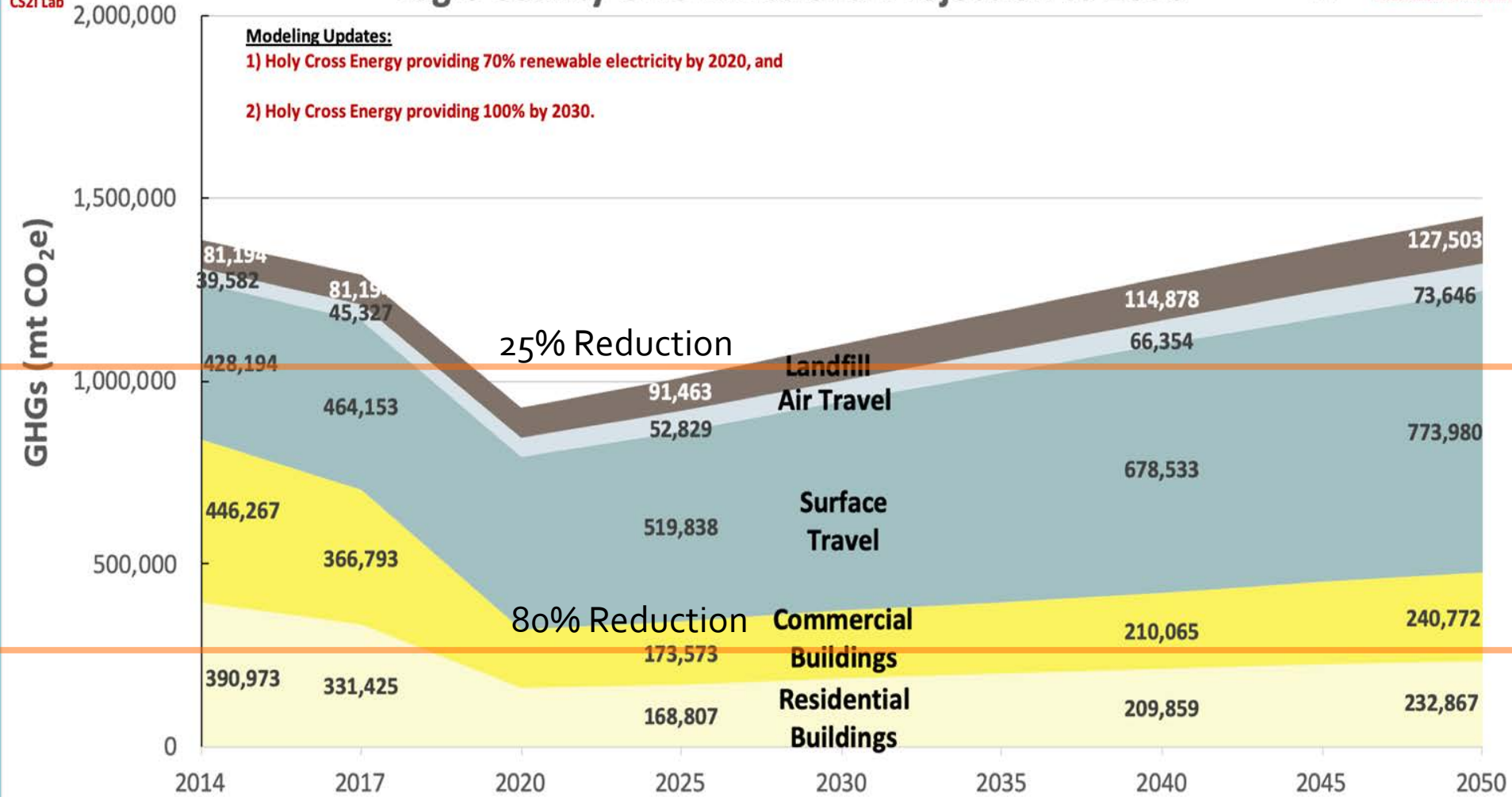
Metric tons of CO₂e



1.28 M metric tons
CO₂e

4% Reduction
2014-2017

Eagle County GHG Emissions: Projection to 2050





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CAP Goals

~~25% by 2025~~

50% by 2035

70% by 2045

80% by 2050

IPCC 2018 Target



IPCC 2018

- **45% by 2030**
- Net Zero by 2050
- Net Negative 2050 on
- All compared to 2010 levels

1.5 Degrees Target

Worldwide, exceeding an average global temperature increase of 1.5°C could lead to:

- irreversible destruction of unique ecosystems like the Arctic and the Great Barrier Reef
- an increase in the proportion of the world susceptible to climate-induced water stresses
- cereal-crop yield reductions
- major biodiversity and ecosystem losses
- an increase infrastructure damage
- more threats to economies around the world

(IPCC, 2018; IPCC, 2019)

Colorado, exceeding an average global temperature increase of 1.5 °C could lead to:

- a sharp decrease in winter precipitation in the form of snow
- a 19% increase in water demand due to higher average temperatures, reduced Colorado River flows and overall water shortages
- financial blows to Colorado's \$62.5 billion, water- and snow-based recreation industry due to a shortened season and a decrease in profitability
- a minimum twofold increase in the burn areas of wildfires

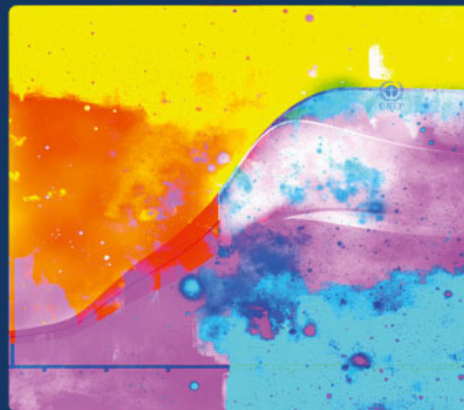
(Climate Change in the Headwaters, 2018; Colorado Parks and Wildlife, 2019)

1.5 Degrees Target

In order to limit warming to **1.5°C**, we must achieve a **45% emissions reduction** from 2010 levels **by 2030**. If nothing changes, we are on track to burn through our carbon budget in **8-10 years**.

Colorado Warming

0.5-1.1°C across the state



ipcc
INTERGOVERNMENTAL PANEL ON climate change



Global Warming of 1.5 °C

An IPCC special report on the impacts of global warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty.

State of Colorado Target



State of Colorado

- House Bill 19-1261 in 2019
- 26% by 2025
- **50% by 2030**
- 90% by 2050
- All compared to 2005 levels



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Matt Inden Photography

Discussion

Do we adopt a new target for the coming decade? Or continue with our current CAP timeline?

- *New target – 2030*
- *Current CAP timeline - 2035*

Session 2: Achieving the Target – Setting Priorities

Sector Breakout 1

Step 1: Review the Priorities Selected on the “Overview Tab” of the GHG Spreadsheet.

Step 2: Discuss with Sector Group whether to keep selected Priorities or to elect new ones.

Step 3: Finalize the 1-5 Strategies that **are required** to reach our new target.

Step 4 (Optional): If you have time begin to complete the success tracking metrics for each strategy.

State of CO GHG Reduction Roadmap

Sector	Summary Near-Term Actions
Electricity	Clean Energy Plans (reduce pollution), and performance-based PUC regulation
Transportation	GHG standard for transportation planning, telecommuting for large employers, clean trucking, incentives for low and zero emission cars/trucks/buses, land use planning w homes near jobs, expansion of transit
Buildings & Nat Gas	Energy efficiency investments from natural gas utilities, leak reduction and RNG requirements for nat gas utilities, require existing com buildings to track energy, support advanced building codes, require electric utility programming to support heat pump adoption
Agriculture	Expand ACRE ₃ , improve soil function and carbon sequestration w regenerative farming, increase participation in soil health programs
Natural & Working Lands (NWL)	Develop comprehensive NWL emissions inventory, and protect/enhance carbon sequestration on NWLs
Waste	Reduce methane from coal mines, landfills, and sewerage plants through RNG gas incentives

State of CO Identified Near-Term Action

Clean Energy Plans

Telecommuting for Large Employers

Incentives for low/zero emission vehicles

Land use decisions to support housing access near jobs

Expansion of Transit

Large Com buildings to track energy use

Advanced building code adoption

Support adoption of heat pumps

Improve soil function and carbon sequestration through regenerative farming

Develop natural working lands emissions inventory

Incentives to reduce methane from landfills through RNG

State of CO
& Eagle
County
Alignment

Session 2: Achieving the Target

Sector Breakout 1

Step 1: Review the Priorities Selected on the “Overview Tab” of the GHG Spreadsheet.

Step 2: Discuss with Sector Group whether to keep selected Priorities or to elect new ones.

Step 3: Finalize the 1-5 Strategies that **are required** to reach our new target.

Step 4 (Optional): If you have time begin to complete the success tracking metrics for each strategy.



Take a BREAK!

Session 3: Achieving the Target – Steps + Timeline

Sector Breakout 2

Step 1: Identify implementation steps for each priority

Step 2: Assign a timeline to each step

Step 3 (Optional): Identify current work being done to move forward this priority, and key areas to address

What's Next?





#1 Refine and finalize the 1-3 year action plan

#2 Climate Action Plan Addendum will incorporate each priority and the 1-3 year action plan

#3 How do we hold each other accountable for delivering on these goals?



2021 CAC Quarterly Meeting Dates

February 22nd

June 14th

August 30th

November 15th

That's a wrap!

Next meeting:

Monday, February 22nd 2021

The logo for Climate Action Collaborative is centered within a white square frame. It features the words "CLIMATE", "ACTION", and "COLLABORATIVE" stacked vertically in a white, sans-serif font. The letter "O" in "ACTION" is replaced by a stylized sun icon with rays. The background of the logo is a scenic landscape of mountains and a lake at sunset, with the scene reflected in the water.

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