

- Over 30 stakeholders
- Three community open house sessions
- Voluntary “roadmap”



# CLIMATE ACTION PLAN



FOR THE  
EAGLE COUNTY  
COMMUNITY

December 2016

*Vail Town Council 1/17/17*

# Stakeholder Committee

Town of Minturn

Eagle County

Town of Vail

Vail Valley Foundation

Vail Resorts

Ground Up

Eagle River Youth Coalition

Town of Eagle

Vail Honeywagon

Town of Gypsum

Holy Cross Energy

Vail Valley Medical Center

Colorado Mountain College

Eagle River Water & Sanitation  
District

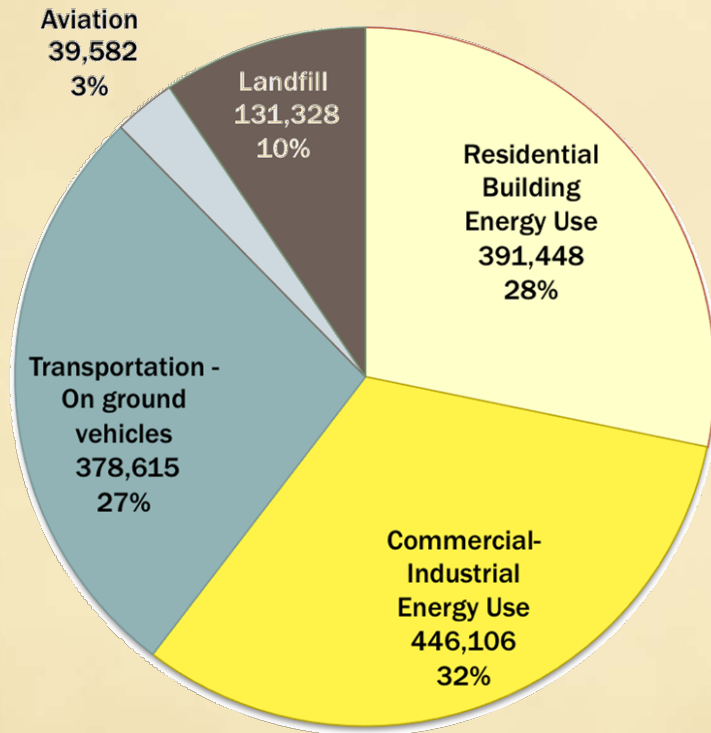
East West Destination Hospitality

Eagle County Schools

Walking Mountains Science Center

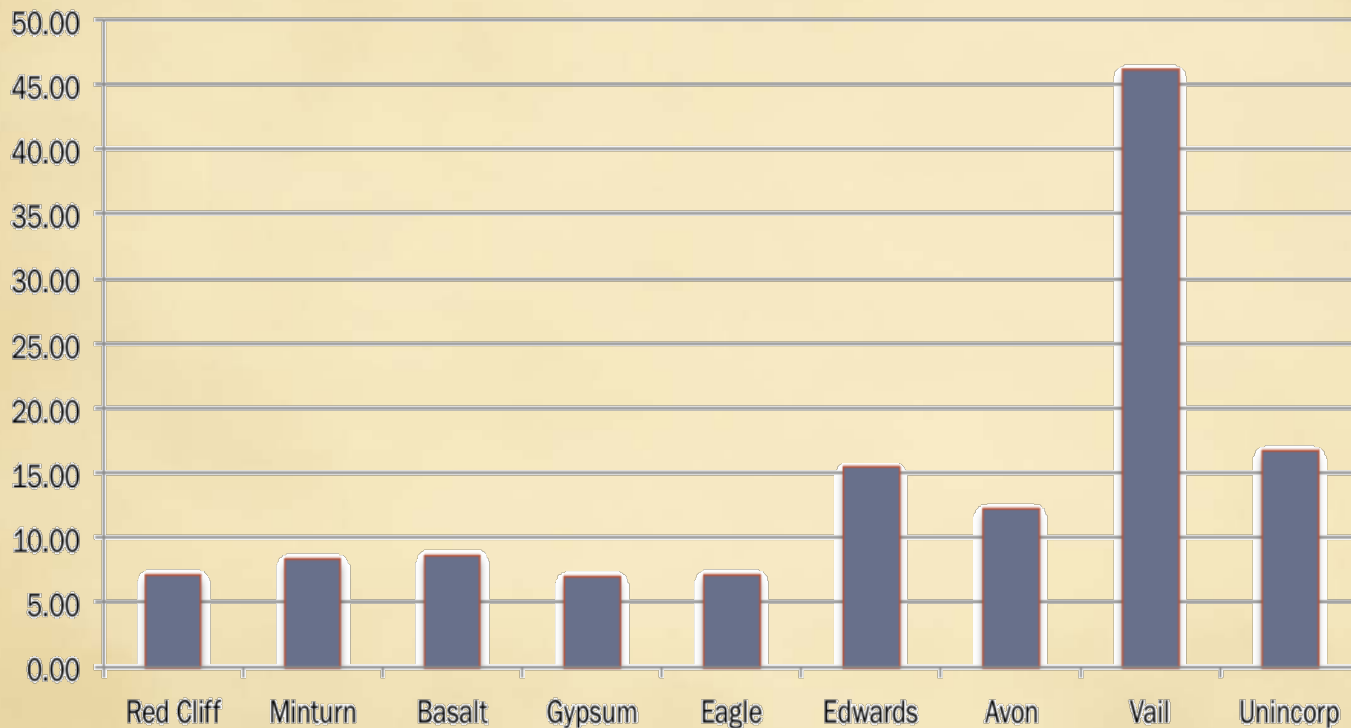
Vail Mountain School

# Total Emissions in Eagle County by Sector



# Eagle County Communities Greenhouse Gas Emissions

## Emissions Per Capita by Community

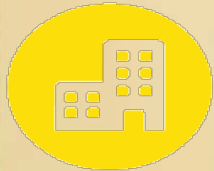


# SUMMARY OF RECOMMENDATIONS FOR CLIMATE ACTION



## Education and Outreach

- Establish climate education team
- Create county-wide marketing campaign
- Enhance Eco-Schools for K-12 schools
- Expand Actively Green business trainings and certifications
- Leverage special event platforms to change behaviors



## Commercial Buildings Sector

- Reduce GHG emissions 25% by 2025
- Focus on energy efficiency
- Provide incentives
- Adopt “above building code” standards
- Promote and incentivize efficient use of water



## Waste and Landfill Sector

- Set a waste diversion goal that is above the national average
- Develop a plan to increase waste diversion through recycling and composting
- Install waste-to-energy methane capture system at landfill
- Provide residential and commercial composting services



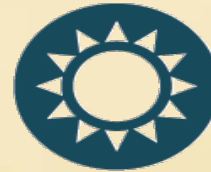
## Residential Building Sector

- Reduce GHG emissions 25% by 2025
- Focus on energy efficiency
- Expand Energy Smart Colorado program and incentives
- Adopt “above building code” standards
- Promote and incentivize efficient use of water



## Transportation and Mobility Sector

- Reduce local GHG emissions 10% by 2025
- Include local commuter train or bus rapid transit
- Expand use of electric vehicles
- Encourage multi-modal transportation systems
- Strive for efficient land use patterns with housing in proximity to workplaces



## Energy Supply Sector

- Expand local exterior energy offset programs (Eco-Build example)
- Identify locations for local solar arrays
- Encourage energy utilities to set aggressive GHG emission reduction goals



# OUR MOUNTAIN COMMUNITY IS AT RISK

## › Winters are getting warmer and shorter

- There are now 23 fewer days with freezing temperatures than before the 1980s
- Scientists predict we'll have 30 more days without freezing temperatures by 2060
- Spring snow packs are declining and less predictable

## › Summers are getting hotter

- The last 15 months have been the hottest on record globally
- Warmer average summer temperatures are on the rise
- With every 1.0°F increase in temperature, we'll see a 3-4% decrease in water supply

## › Mountain ecosystems are changing

- Increasing insect pests are changing our forests
- Scientists predict more extreme events – wildfires, droughts, and floods
- Wildlife is on the move, adapting to changes in habitat
- Rising temperatures lead to declining runoff in creeks and rivers

# TARGETS FOR GHG EMISSIONS REDUCTION



**25% by 2025**

**50% by 2035**

**70% by 2045**

**80% by 2050**

*\*from 2014 Baseline (See 2014 Eagle County Energy Inventory - Appendix C)*

# Recommended Actions

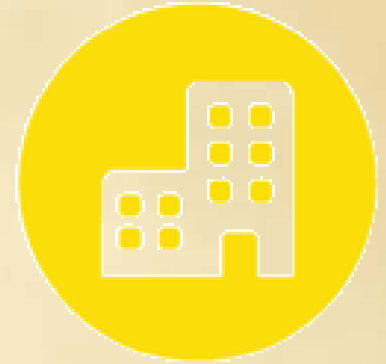


## Education and Outreach

- Establish a CAP Education Team
- Create county-wide marketing campaign
- Education Plan for schools, CMC
- Expand the Actively Green business program
- Leverage special events to change behaviors



# Recommended Actions



## Commercial and Residential Buildings

- Expand the Energy Smart Colorado program
- Adopt “above building code” standards
- Promote and incentivize efficient use of water

# Recommended Actions



## Waste and Landfill

- Set a waste diversion goal that's above the national average
- Increase participation in recycling and composting
- Install methane capture system at the landfill

# Recommended Actions



## Transportation and Mobility

- Develop commuter train or bus rapid transit
- Expand use of electric vehicles
- Encourage multi-modal transportation systems
- Strive for efficient land use patterns with housing in proximity to workplaces

# Recommended Actions



## Energy Supply

- Expand exterior energy offset programs (Eco-Build)
- Identify locations for local solar arrays
- Encourage energy utility providers to set aggressive GHG emission reduction goals



## KEY RECOMMENDATIONS FOR COMMUNITY LEADERS & DECISION-MAKERS

The following recommendations support the success of the overall climate action plan and apply to all sectors above:

- 1 Adopt the climate action plan.
- 2 Identify people to guide the implementation and follow-through of recommendations in the current plan—designate a task force, hire sustainability/climate staff as needed within local governments and large businesses.
- 3 Allocate funds for implementation of projects and infrastructure.
- 4 Collaborate across jurisdictional boundaries for greater impact and likelihood of success.
- 5 Measure and monitor GHG reduction impacts over time.
- 6 Begin to address climate change adaptation.