

# Summit County Climate Action Plan

## Notes from Stakeholder Meeting—Transportation

Meeting held August 22, 2018

### Meeting Attendees:

- Brad Stewart Environmental Manager, Keystone Resort
- Dave Askeland Colorado Mountain College
- Donna Lee Forestry Expert
- Emily Kimmel Sustainability Coordinator, BGV
- Jess Hoover High Country Conservation
- Jen Schenk High Country Conservation
- Jen Barchers Council Member, Town of Dillion
- Jessie Burley Sustainability Coordinator, Town of Breckenridge
- Joyce Allgaier Town of Frisco
- Kate Berg Senior Planner, Summit County
- Lina Lesmes Senior Planner, Town of Summit
- Mike Nathan Sustainability Manager, A-Basin
- Ray Weller Sustainability Manager, Vail Resorts
- Tom Sifers General Manager, Mountain Parks Electric
- Hillary Dobos Lotus Engineering and Sustainability, LLC
- Julia Ferguson Lotus Engineering and Sustainability, LLC

### Meeting Agenda and Notes

Stakeholders were welcomed by Julia Ferguson from Lotus Engineering and Sustainability, LLC (Lotus) whom also reviewed the process and timeline for the CAP. Then Hillary Dobos from Lotus provided a recap of the energy meeting, a review of Summit County transportation GHG emissions, and an overview of regional transportation statistics.

Transportation strategies that were identified during the expert meetings were then reviewed by Lotus as a larger group. Then the stakeholders split into three smaller groups to identify additional strategies and combine strategies. Lotus then reviewed with the larger group the strategies that had been combined and the new strategies. Stakeholders then voted on strategies that should be pursued by Summit County in the short term (1-3 years), mid-term (by 2030) and long term (by 2050). A “should not pursue” option was also included for this vote. The table below illustrates the consensus of implementation for each strategy.

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	Strategy	New or Combined (Yes/No) <sup>1</sup>	GHG Reduction Potential (1-3) <sup>2</sup>	Cost (\$ to \$\$\$) <sup>3</sup>	Timeline			
					Short Term	Mid - Term	Long Term	Should Not Pursue
Public Transit and Public Transit Support	Provide incentives to use public transit (i.e. make it hurt less to ride at peak times)	No	1	1	10	2	0	0
	Increase use of Bustang/shuttle/etc. to get to Summit County AND education regarding public transit to visitors to minimize intimidation AND develop and upgrade an app to educate visitors and bus users (e.g. RTD app) (new)	Yes	1	1	9	2	0	0
	Place an advocate on the transit board to advocate for sustainability (new) AND increase bus service (routes and frequency), including to communities with workers (i.e. Fairplay) AND develop ways to tackle the first/last mile connection issues with public transit.	Yes	1	2	6	4	0	0
	Create Park n' Ride facilities	No	1	2	5	6	0	1
	Develop an employer incentive program for alternative transportation (new), including a guaranteed ride home program	Yes	1	2	4	4	0	4
	Require considerations of connectivity and multimodal transportation access during building review process	No	1	1	0	9	0	1
	Eliminate low cost or free parking at ski areas	No	1	0	4	0	0	6

<sup>1</sup> “New” means that the strategy was brainstormed during meeting.

<sup>2</sup> Strategies were reviewed for GHG reduction potential. The GHG reduction potential was defined as: 1) One Tree- Low Impact >0.5% reduction; 2) Two Trees- Medium Impact 0.5-2% reduction; and 3) Three Trees- High Impact 2%+ reduction.

<sup>3</sup> Annual Costs are defined as follows: 1) \$ – Under \$100,000 annually to implement; 2) \$\$ – \$100,000-\$1 million annually to implement; and 3) \$\$\$ – Over \$1 million annually to implement

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Discourage Single Occupancy Vehicles	Create a policy to disincentivize single occupancy vehicles (through strategies like increased parking fees).	No	3	3	8	0	0	1
	Create HOV & carpool incentives (new)	Yes			5	2	0	3
	Create HOV incentives (e.g. parking discounts/HOV parking) (new)	Yes			10	0	0	1
Support Electric Vehicles	Develop and use 'Pay as You Save' financing programs for vehicle electrification (new)	Yes			2	3	1	2
	Switch government fleets to EVs within the replacement cycle AND train municipal staff to fix electric vehicles	Yes	2	2	2	10	0	0
	Support the adoption of more electric vehicles through expanded infrastructure and incentives AND Require EV charging in infrastructure	Yes	3	3	9	3	0	0
	Participate collaboratively in Xcel Energy's workgroup on vehicles electrification (new)	Yes			6	0	0	1
Support Biking/Walking	Support increased use of electric bikes and dockless bikeshares.	No	1	1	6	1	0	2
	Develop a Summit County bicycle and walking master plan AND improve and support safe walking and biking infrastructure AND require or incentivize providing bike parking and storage.	No	2	2	4	3	0	5
	Consider implementing a 'bike friendly business' program via American League of Cyclists or developing a summit county specific program	No	1	1	0	0	0	9

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					Short Term	Mid - Term	Long Term	Should Not Pursue
Additional Transportation	Develop/implement vehicle emissions program (**One participant added the following note: 'Work with Air Quality Council/CDPHE on state rules; submit public comments now.')	No	1	1	1	3	0	7
	Implement smart stop light technology (i.e. IoT)	No	1	1	0	1	1	8
	Increase the number and availability of Zip Cars	No	1	1	0	3	0	8
	Promote clean fuels and alternative fueling infrastructure for heavy duty vehicles.	No	1	3	0	10	0	1

### Bike Rack

Due to the limited time available during the meeting to address all concerns of the group, items that could not be addressed during the meeting which require follow up were put in a 'bike rack'. These are the 'bike rack' items:

#### *Follow Up Item #1: SWEEP Study on Electrifying Vehicles*

SWEEP completed a study titled, *Opportunities for Vehicle Electrification in the Denver Metro area and Across Colorado*, that highlights the emission and air quality benefits of switching to electric vehicles from average new gasoline consuming vehicle purchased in Denver. The study can be accessed [here](#).

#### *Follow Up Item #2: CDOT Advanced Guideway System Study*

Kate Berg referenced the CDOT Advanced Guideway System Study during the meeting. The study was completed in August 2014 and evaluated technology, alignment and funding/financing options to determine the feasibility of a high-speed transit system for the 120-mile segment of the I-70 Mountain Corridor from C-470 in Jefferson County to Eagle County Regional Airport. The study can be accessed [here](#).

#### *Follow Up Item #3: Availability of EVs in Colorado*

During the meeting a handout was provided with a list of electric vehicles in Colorado with expected costs, range, and charging times. This handout was attached to the email sent with follow up notes.

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### *Follow Up Item #4: Walkability*

During the meeting the concept of walkability came up. Using the [Walk Score](#) website, the following Summit County communities were given the following walk scores:

- Blue River, CO: 0 Walk Score
- Breckenridge, CO: 55 Walk Score
- Dillon, CO: 39 Walk Score
- Frisco, CO: 69 Walk Score
- Montezuma, CO: 0 Walk Score
- Silverthorne, CO: 58 Walk Score

### *Follow Up Item #5: Air Quality Control Commission*

During the meeting individuals asked for information on the Air Quality Control Commission. More information can be found [here](#).

### *Follow Up Item #6: Electric Vehicle Xcel Workgroup*

Lotus was not able to track down any data on an electric vehicle Xcel workgroup. However, you can join the Xcel electric vehicle network by clicking [here](#).

### *Follow Up Item #7: Commuting into Summit County Stats*

Additional information was requested regarding who commutes into Summit County. The following information was collected using [Census data](#) from 2013.

The following is a table of where people are commuting into Summit County. For example, 80 people out of 16,747 workers commuting to Summit County come from Arapahoe County.

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	Arapahoe County	Clear Creek County	Denver County	Eagle County	Jefferson County	Lake County	Park County	Summit County	Grand Total
Commuting into Summit County	80	93	163	389	79	60	158	15,725	16,747
Percentage	0.5%	0.6%	1.0%	2.3%	0.5%	0.4%	0.9%	93.9%	100.0%

The following is a table of where Summit County residents are commuting to. For example, 112 or 0.6% of Summit County residents are commuting to Adams County.

	Adams County	Arapahoe County	Boulder County	Chaffee County	Clear Creek County	Denver County	Douglas County	Eagle County	El Paso County	Grand County	Jefferson County	Lake County	Park County	Summit County	Grand Total
Summit County Residents Commutes	112	113	206	64	92	179	71	20	40	294	298	207	840	15,725	18,261
Percentage	0.6%	0.6%	1.1%	0.4%	0.5%	1.0%	0.4%	0.1%	0.2%	1.6%	1.6%	1.1%	4.6%	86.1%	100.0%