

**TOWN OF MOUNTAIN VILLAGE
GREEN TEAM COMMITTEE MEETING
TUESDAY, JULY 14, 2020, 2:00 PM
TO BE HELD REMOTELY VIA Zoom Meetings:
<https://us02web.zoom.us/j/87556078805?pwd=Zm1FQlZaWUttUTl5WWg5Tkq5cmtRdz09>
(see login details below)
AGENDA**

| Agenda Item | TOD | Time Requested | Presenter | Type | Title |
|--|----------|----------------|-----------|---------------|---|
| 1 | 14:00:00 | | Jett | | Call to order |
| 2 | 14:00:00 | ::10 | Jett | Executive | Executive Session for the purpose of negotiations pursuant to C.R.S. 24-6-402(4)e |
| 3 | 14:10:00 | ::2 | Jett | Action | Approval of the June 9, 2020, 2020 Green Team Committee Meeting Minutes |
| 4 | 14:12:00 | ::60 | Ferguson | Informational | Julia Ferguson from Lotus Engineering: Presentation of Climate Action Plan |
| 5 | 15:12:00 | ::5 | Jett | Informational | Review of Zero Waste Survey to Determine Future Projects |
| 6 | 15:17:00 | ::5 | Jett | Action | Continuation of 2020 Contract with Eco Action Partners |
| 7 | 15:22:00 | ::5 | Greenspan | Informational | State Updates |
| 8 | 15:27:00 | ::5 | Follen | Informational | Town Clean Up Subcommittee Update |
| 9 | 15:32:00 | ::5 | Berry | Informational | Composting Subcommittee Update |
| 10 | 15:37:00 | | Jett | Informational | Items for Consideration: A. Snowmelt options for Chondola walkways B. San Miguel Watershed Coalition Update C. Beaver Issue D. Finn Kjome to speak about Mountain Village water E. Adopt a Highway F. 2020 January – March: 1st Quarter Green Team Quarterly Report. Present in APRIL G. 2020 April – June: 2nd Quarter Green Team Quarterly Report. Present in JULY H. 2020 July – Sept: 3rd Quarter Green Team Quarterly Report. Present in OCT I. 2020 Oct – Dec: 4th Quarter Green Team Quarterly Report. Present in JAN J. Ordinance and Initiative Timeline K. Forest Health - infestation management, blowdown management, etc. L. Water Conservation Plan M. Idling Ordinance |
| 11 | 15:37:00 | ::5 | Jett | Informational | Other Business |
| 12 | 15:42:00 | | Jett | | Adjourn |
| Join Zoom Meeting: Meeting ID https://us02web.zoom.us/j/87556078805?pwd=Zm1FQlZaWUttUTl5WWg5Tkq5cmtRdz09 Find your local number: https://us02web.zoom.us/j/87556078805?pwd=Zm1FQlZaWUttUTl5WWg5Tkq5cmtRdz09 | | | | | |
| If you have issues connecting, please send a text message to 970.708. oh-eight-three-oh | | | | | |

**TOWN OF MOUNTAIN VILLAGE
MINUTES OF THE JUNE 9, 2020
GREEN TEAM MEETING **DRAFT****

The meeting of the Green Team Committee was called to order by Cath Jett on Tuesday, June 9, 2020 at 2:04 p.m. via Google Hangouts.

Attendance:

The following Green Team Committee members were present:

Cath Jett, Chair and Mountain Village Resident
Jonathan Greenspan, Vice Chair and Mountain Village Resident
Jeff Proteau, Telluride Ski and Golf Company
Patrick Berry, Mountain Village Town Council
Mike Follen, At Large Member
Marti Prohaska, Mountain Village Town Council
Heidi Stenhammer, Telluride Mountain Village Owner's Association
Inga Johansson, Alternate Seat

The following were also in attendance:

Tyler Simmons, Eco Action Partners
Zoe Dohnal, Town of Mountain Village

Public Comment on Non-Agenda Items:

No public comment was received however, the public will be able to comment at the end of each agenda item.

Consideration of Approval of Minutes:

Agenda Item 3- May 12, 2020 Green Team Committee Meeting Minutes

On a **MOTION** by Mike Follen and seconded by Inga Johansson, the Green Team Committee voted unanimously to approve the May 12, 2020 meeting minutes as presented.

Discussion and Committee Follow Up/Next Steps:

- Agenda Item 4- Creation of a Temporary Secretary Position:
 - **NEXT STEPS:** Cath Jett presented this item to the committee and discussion took place.
 - At their May 14th meeting, the Town Council agreed to reorganize staff and eliminate support for the Green Team until such a time that staffing levels can be returned to normal.
 - Heidi Stenhammer has offered to take meeting minutes.

On a **MOTION** by Jonathan Greenspan and seconded by Jeff Proteau, the Green Team Committee voted unanimously to appoint Heidi Stenhammer as the Green Team Committee Secretary.

➤ Agenda Item 5- Joint Meeting with the Ecology Commission in July:

- **NEXT STEPS:** Cath Jett presented this item to the committee and discussion took place.
- The meeting has been set for July 1st at 4pm. All present, except for Heidi Stenhammer, confirmed they could attend.
- The purpose of the meeting is to share initiatives, determine duplicities, work through the COVID plan and determine how we can collaborate.
- Jonathan Greenspan and Cath Jett will work with Kiersten Talbert to create an agenda.

➤ Agenda Item 6- 2020 April – June: 2nd Quarter Green Team Quarterly Report. Present in JULY

- **NEXT STEPS:** Cath Jett presented this item to the committee and discussion took place.
- Historically this report has been approved by the Green Team one month before Council meets and it could be done the week prior so that it is more relevant.
- It was noted that the annual work plan should be presented to Town Council in December, so the Green Team is able to “hit the ground running” in January.
- Inga Johansson noted that she has been doing the Green Tips through her blog. Zoe Dohnal will send out the link to the Green Team so others can sign up for Green Tips.

On a **MOTION** by Heidi Stenhammer seconded by Marti Prohaska, the Green Team Committee voted unanimously to approve the 2nd Quarter Green Team Quarterly Report.

➤ Agenda Item 7- State and Western Slope Recycling Committees Updates:

- **NEXT STEPS:** Jonathan Greenspan presented this item to the committee and discussion took place.
- Bills tied to budgetary items will struggle due to massive budget cuts. Non-monetary bills with popular consent will likely make it through with some items rolling into next year.
- The preemption bill did not make it to the floor.
- The Western Slope Council for Recycling committee has been formed and is the first one of its type on this side of the State. It has 100 members throughout the Western Slope which has about 55% of Colorado’s land territory but only 13% of the population. This means that there are great distances to cover when transporting recycling which is being carefully tracked.
- This new committee is vetting an app called Love Zero Waste out of Vail. People are pooling their info with it such as who is having a recycling event and when.
- There is another app which has a public grading system of a business regarding their use or lack thereof using environmentally friendly products.

- Jonathan will send out links to these apps.
- Kris Holstrom and Jonathan Greenspan recently met with Grace Franklin, the SMC Public Health Director who is leading safety protocols. Studies have shown that plastic holds the virus the longest which is why Bruin temporarily stopped collecting recycling. Grace has agreed to team up with us to explore the possibility of allowing restaurants to accept someone's personal container for to-go use.

➤ Agenda Item 8- Request/Reminder to Sign Up for Farm to Community Shifts:

- **NEXT STEPS:** Cath Jett presented this item to the committee and discussion took place.
- [Please sign up here.](#)

➤ Agenda Item 9- Meadows Beaver Update:

- **NEXT STEPS:** Jeff Proteau presented this item to the committee and discussion took place.
- Jeff noted that TSG will not support removal of the beaver dam in the Meadows. He is going to work with the Town to install a beaver deceiver so the level of water can be controlled to frustrate the beavers and send them upstream.
- TSG purchased a beaver deceiver from Clemson University and installed it at hole 13 with great success.
- Jonathan noted that HOA's such as Spring Creek spent 3-4k trying to protect the forest and lost over 35 trees because of the beavers.
- Jeff noted that, due to an EPA consent decree, TSG rebuilt prospect creek to encourage beavers to come back which EPA considered a huge success. TSG built the bridge there for access to either side of the wetland area and, if that is in jeopardy, be short-term mitigation may be necessary.

➤ Agenda Item 10- Planet Over Plastics Subcommittee Update:

- **NEXT STEPS:** Inga Johansson presented this item to the committee and discussion took place.
- This subcommittee has been in a stand still due to COVID-19.
- A meeting will be held next week with the volunteers and data collection could start back up soon.
- The training tool kit is being worked on and efforts are being focused on a marketing campaign for awareness and education.
- Shifting to long-term reusable solution for common consumption cups but there is a big need for consensus on where the Town stands. Collaboration efforts are also underway with the Town of Telluride.
- Upstream and Rethink Disposable are two different companies this committee could choose from to create an alliance. Then, businesses could be encouraged to participate. Grant options for whole community participation could be investigated.

- Jeff noted that TSG Works with the Brendle Group out of Boulder, CO for innovative sustainability solutions and carbon footprint reduction. He encouraged Inga to reach out to them.

➤ Agenda Item 11- Town Clean Up Subcommittee Update

- **NEXT STEPS:** Mike Follen presented this item to the committee and discussion took place.
- Moving forward with the cleanup event on August 22nd which will be an entirely volunteer effort.
- It will be in the Meadows and the Town will provide trash bags
- Anticipating a reduction in volunteers from 100 to 50 or 60 due to the lack of raffle items.
- Zoe noted that there is signage, including a banner, left over from last year. The Town's PA system can also be used for the event.
- Heidi noted that she may be able to get TMVOA to provide some merchant gift certificates for raffle prizes.

➤ Agenda Item 12- Composting Subcommittee Update

- **NEXT STEPS:** Patrick Berry presented this item to the committee and discussion took place.
- He has reached out to Montrose Producers Coop to get a chemical compound profile on the compost that is coming out of the machines. Results will be shared soon.
- Two more composting machines are arriving today, and data collection has been good. Jonathan will get with Zoe to learn the editing portion of the real time data collection.

➤ Agenda Item 13- COVID 19 Workplan / Zero Waste Plan Integration:

- **NEXT STEPS:** Cath Jett presented this item to the committee and discussion took place.
- It is understood that the current year budget is still intact however, next year's budget is more at risk.
- Projections have been built into the budget in case the Town enters crisis budget mode.
- The committee will maintain its current path while being prudent with money.
- Jonathan noted that it is important for the entire county to be completely responsible for its own waste stream.
- As far as emissions goes, we have a solid direction with Lotus.
- The 2008 Zero Waste Action Plan is impressive and contains many different initiatives that can be undertaken without a budget.
- Cath asked that everyone read this plan and provide her with three top initiatives that we would like to accomplish this year. Deadline is next Tuesday.

Other Business:

Tyler Simmons with Eco Action Partners noted that plastic film collection has restarted so he encouraged everyone to remind people of this opportunity. There are three collection boxes in Mountain Village; one at Town Hall, one at TMVOA and one at Mountain Adventures.

There being no further business, on a **MOTION** by Jonathan Greenspan and seconded by Inga Johansson, the Green Team Committee voted unanimously to adjourn the meeting at 3:32 p.m.

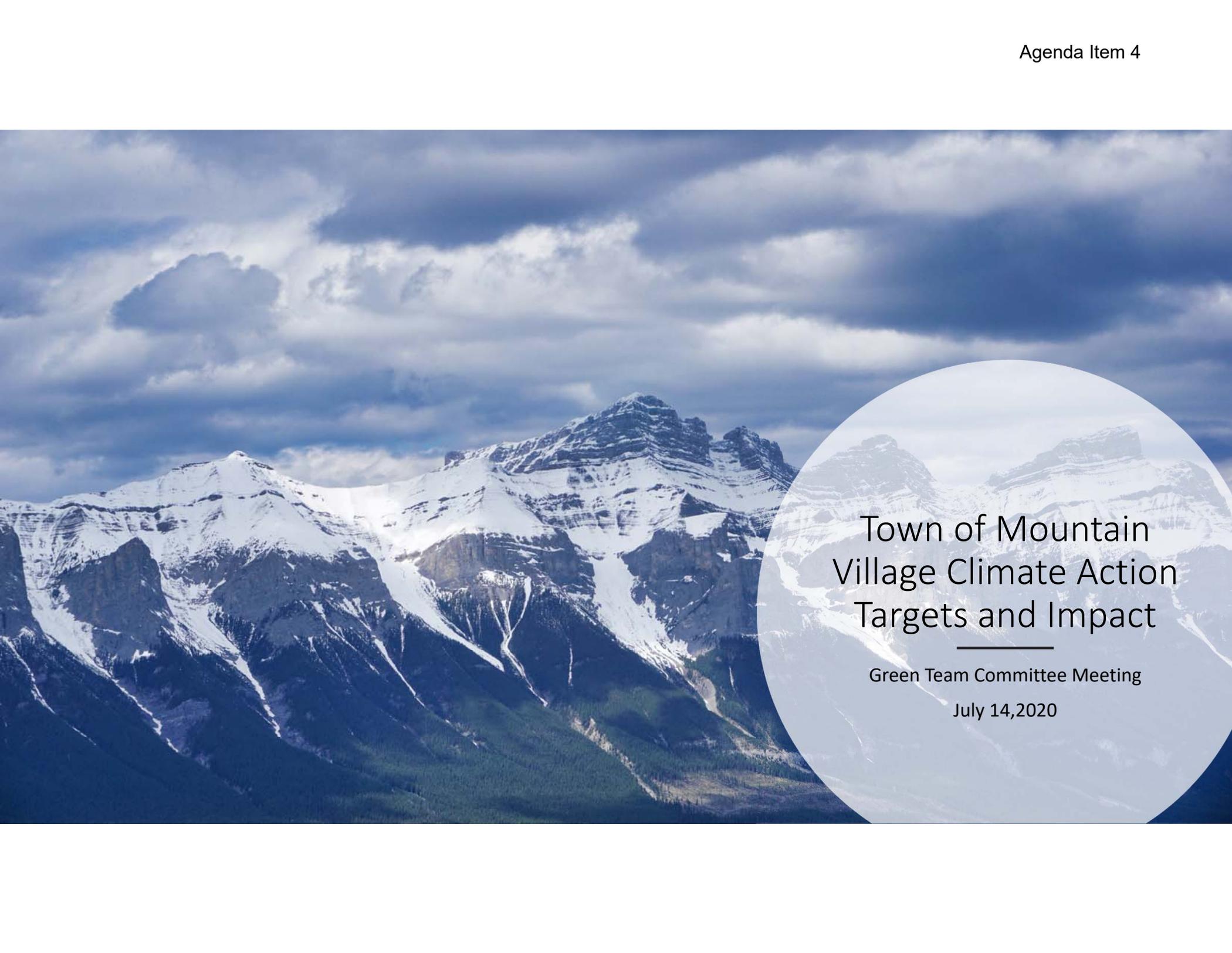
Reminder:

The next Green Team Committee meeting will take place on Tuesday, July 14, 2020 at 2:00 p.m. via Google Hangouts.

Respectfully submitted,

Heidi Stenhammer

Secretary
Mountain Village Green Team



Town of Mountain
Village Climate Action
Targets and Impact

Green Team Committee Meeting

July 14, 2020

Welcome!

- Introductions
 - Name
 - Role

Today's Goals:



Update Green Team Committee on final Greenhouse Gas Inventory results.



Review the climate action strategies that the GTC approved in May and discuss the results of the modeling effort.



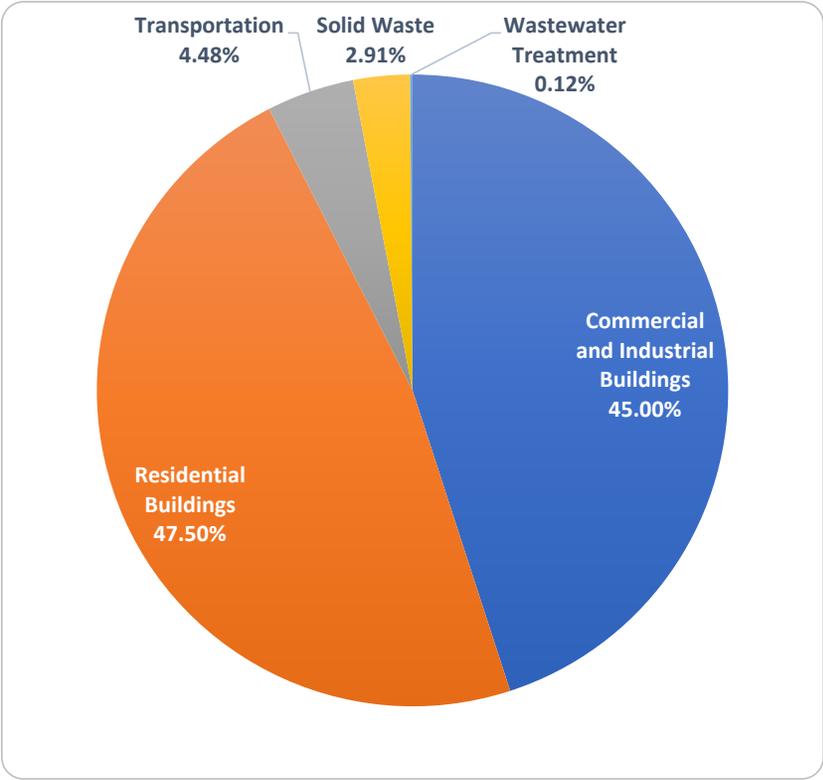
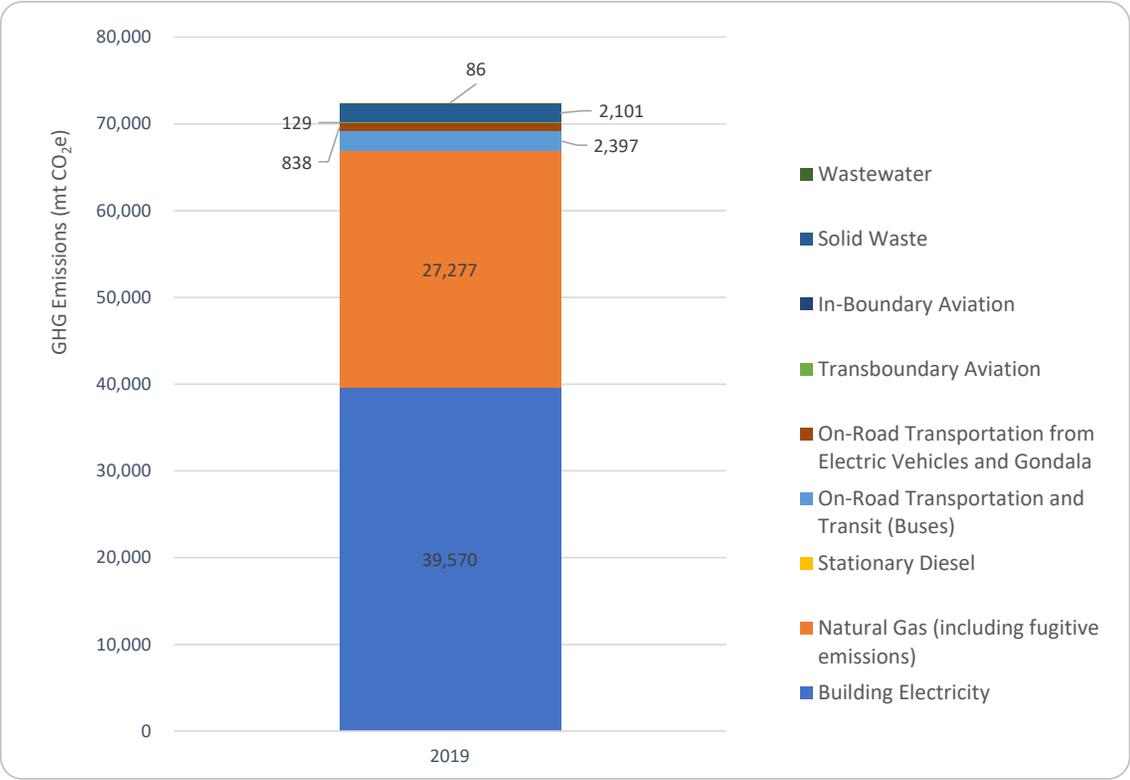
Finalize the targets that are appropriate for each strategy.



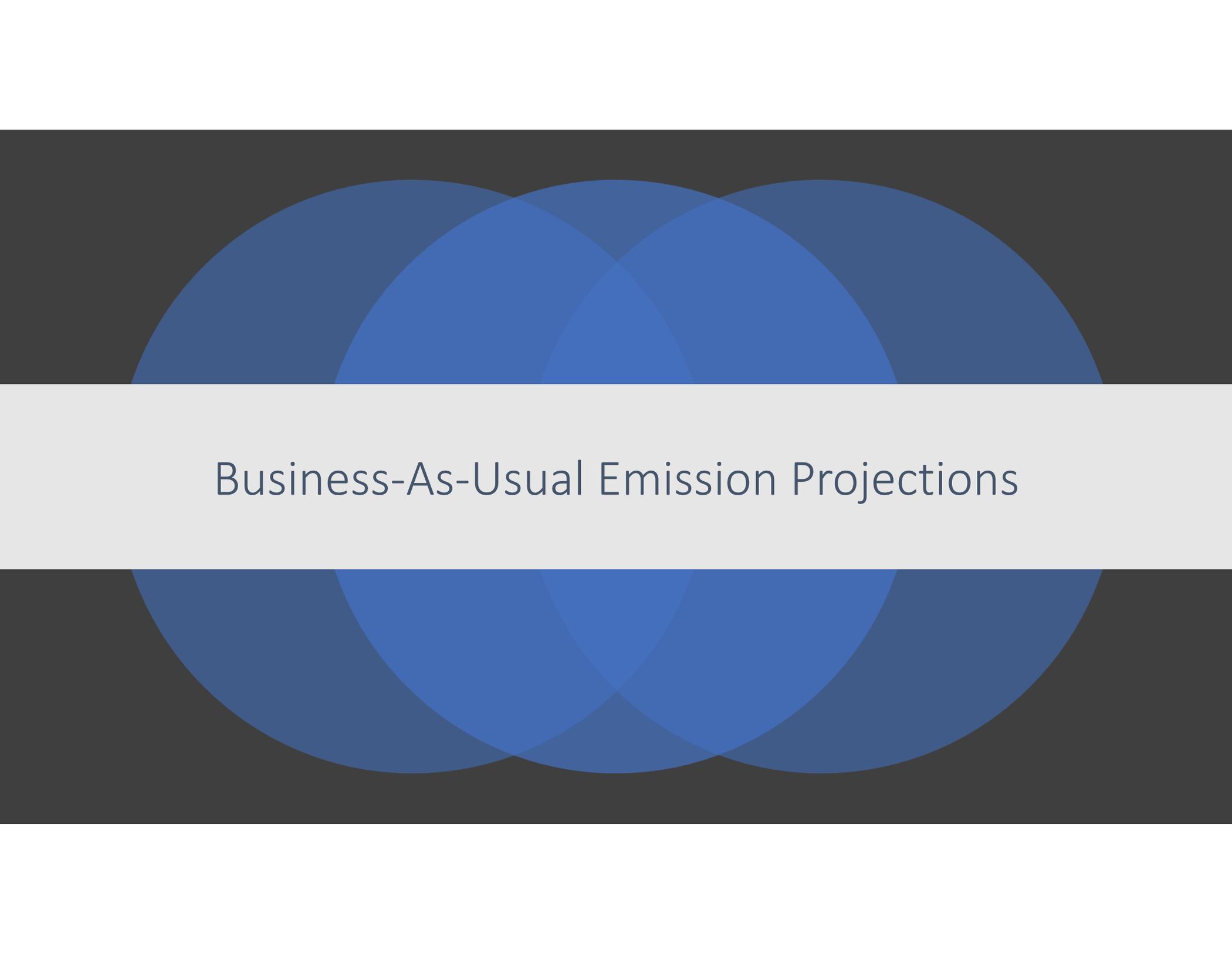
Mountain Village's Greenhouse Gas Emissions

2019 Community Inventory

Mountain Villages' GHG Emissions (mt CO₂e)



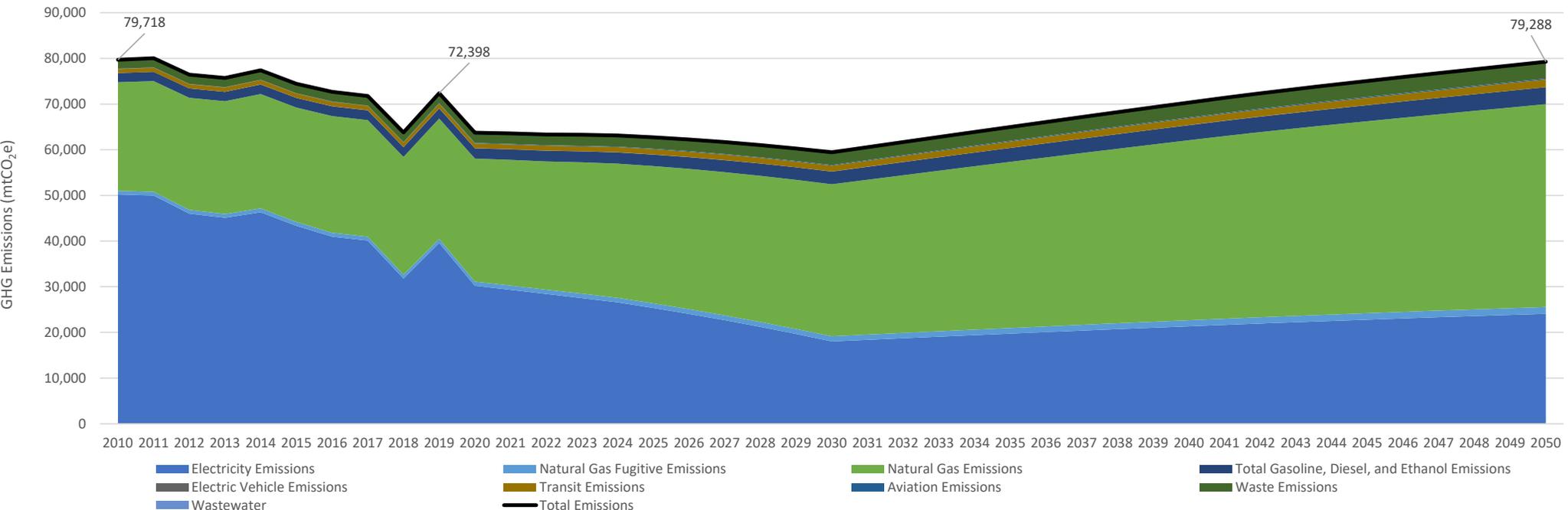
Mountain Village's total emissions value for 2019 was 72,398 mt CO₂e. This represents a 27 percent reduction since the 2018 measurements.

The image features a dark grey horizontal band at the top and bottom. In the center, there is a light grey horizontal band containing the text. Behind this central band, there are three overlapping blue circles of varying shades, creating a decorative background.

Business-As-Usual Emission Projections

Mountain Villages' Emission Projections (mt CO₂e)

Business-As-Usual Emissions Projection





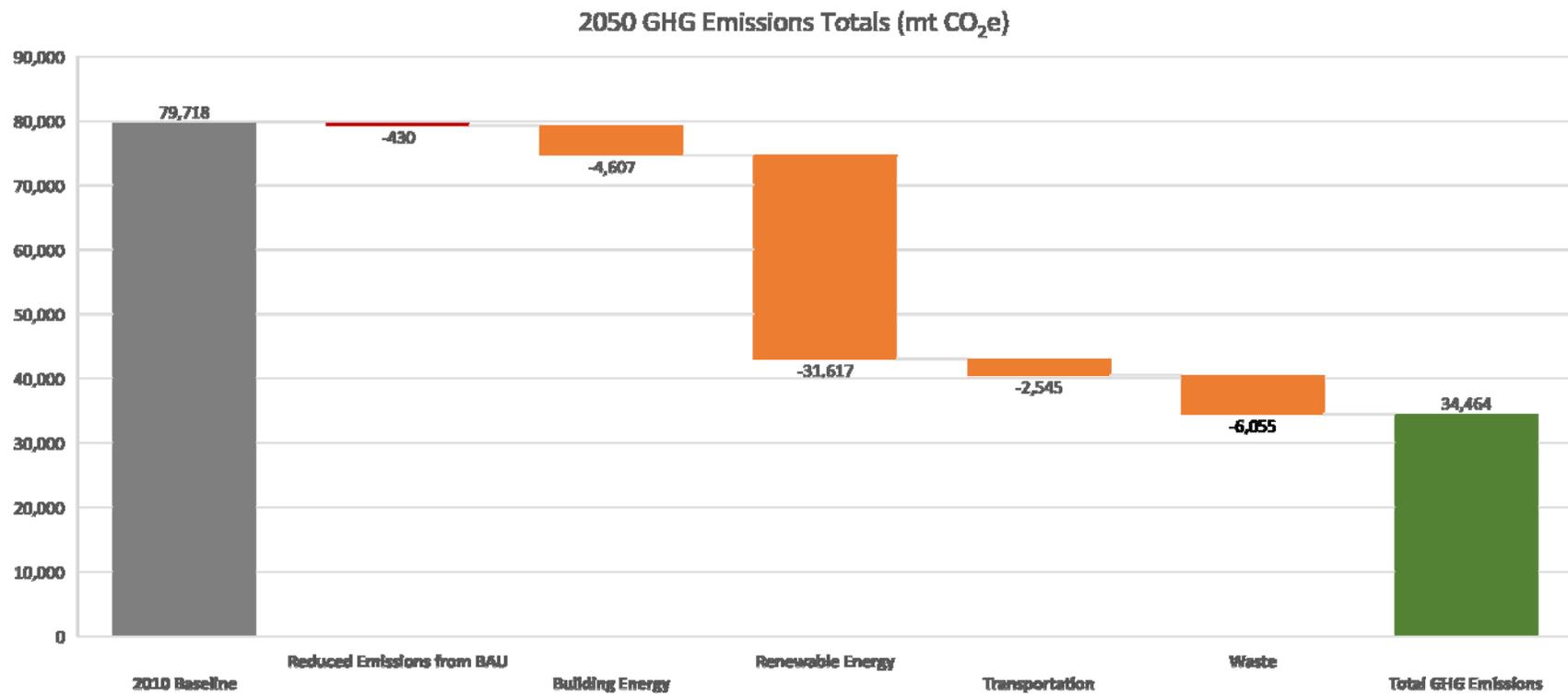
Potential GHG Reduction Strategies

Discussion on the targets for each strategy

Mountain Village's Climate Action Strategies

- Lotus modeled the impact of the climate action strategies that the Green Team Committee approved in the May meeting.
 - Note that not all strategies are anticipated to have a quantitative impact on emissions. Those that don't are not included in the model.
- Lotus selected targets for the strategies based on our knowledge of the Town's goals and work completed by other communities.
- The cumulative impact of the strategies based on current target levels is 57% reduction in greenhouse gas emissions by 2050 (from a 2010 baseline).

Mountain Village's Climate Action Strategies



Transportation Strategies

| Strategy | Target Increase by 2030 | Target Increase by 2050 | Total GHG Emission Savings (mt CO ₂ e) in 2030 | Percent Reduction from 2010 Baseline in 2030 | Total GHG Emission Savings (mt CO ₂ e) in 2050 | Percent Reduction from 2010 Baseline in 2050 |
|---|-------------------------|-------------------------|---|--|---|--|
| T1: Reduce single occupancy vehicle use through increased biking, walking, and transit use. | 15% | 40% | 356 | 0.4% | 962 | 1% |
| T2: Support equitable electric vehicle adoption. | 20% | 50% | 475 | 1% | 1,583 | 2% |
| Total Transportation Impacts | | | 831 | 1.04% | 2,545 | 3% |

- Transportation strategies that were not modeled:
 - T3: Switch government fleet vehicles to electric vehicles.
 - T4: Educate the public on behavior changes.

Waste Strategies

| Strategy | Target Increase by 2030 | Target Increase by 2050 | Total GHG Emission Savings (mt CO ₂ e) in 2030 | Percent Reduction from 2010 Baseline in 2030 | Total GHG Emission Savings (mt CO ₂ e) in 2050 | Percent Reduction from 2010 Baseline in 2050 |
|--|-------------------------|-------------------------|---|--|---|--|
| W1: Reduce solid waste and increase diversion. | 85% | 100% | 3,858 | 5% | 6,055 | 8% |
| Total Waste Impacts | | | 3,858 | 5% | 6,055 | 8% |

Waste strategy that was not modeled:

- W2: Reduce waste at Town events and facilities.

Buildings Strategies

| Strategy | Target Increase by 2030 | Target Increase by 2050 | Total GHG Emission Savings (mt CO ₂ e) in 2030 | Percent Reduction from 2010 Baseline in 2030 | Total GHG Emission Savings (mt CO ₂ e) in 2050 | Percent Reduction from 2010 Baseline in 2050 |
|--|-------------------------|-------------------------|---|--|---|--|
| B1: Promote and expand residential energy efficiency programs. | 18% | 65% | 698 | 0.9% | 3,380 | 4% |
| B2: Promote and expand commercial energy efficiency programs. | 30% | 75% | 1,533 | 1.9% | 5,112 | 6% |
| B3: Promote fuel switching (i.e., electrification programs for buildings). | 2% | 20% | -316 | -0.4% | -3,885 | -5% |
| Total Energy Impacts | | | 1,915 | 2% | 4,607 | 6% |

Building Energy strategy that was not modeled:

- B3: Implement municipal energy efficiency program.

Renewable Energy Strategies

| Strategy | Target Increase by 2030 | Target Increase by 2050 | Total GHG Emission Savings (mt CO ₂ e) in 2030 | Percent Reduction from 2010 Baseline in 2030 | Total GHG Emission Savings (mt CO ₂ e) in 2050 | Percent Reduction from 2010 Baseline in 2050 |
|--|-------------------------|-------------------------|---|--|---|--|
| RE1: Implement policies and programs that support comprehensive renewable energy growth for the community. | 50% | 100% | 8,863 | 11% | 31,617 | 40% |
| Total Energy Impacts | | | 8,863 | 11% | 31,617 | 40% |

Renewable Energy strategy that was not modeled:

- RE2: Support policies to advance a clean energy agenda in the state.

Other Strategies (not modeled)

O1: Set and track carbon neutrality goal.

- Five people indicated support for this strategy.

O2: Support federal, state, regional, and local policy that addresses climate change and clean energy.

- Five people indicated support for this strategy.



Our Community's Values

Co-Benefits of Climate Action Work

Climate Action Plan Values



Promote fiscal responsibility.



Support a circular economy and equitable, higher quality, less impactful products



Enhance the quality of life for residents and visitors.



Enhance equity throughout the community.



Support regional food networks and local food sourcing.



Promote cultural and behavioral change through education and engagement programs.

Next Steps

1

Lotus will update the model and Climate Action Plan based on the confirmed targets.

2

Lotus will share the final DRAFT CAP with the Town and the Green Team Committee for feedback.

3

Green Team Committee will vote on whether to approve the CAP to go before Council in August.

4

Lotus will provide a presentation for Council.

Thank You!

- Julia Ferguson: Julia@lotussustainability.com
- Rachel Meier: Rachel@lotussustainability.com



lotus
engineering & sustainability

| Member | Program | Notes |
|--------|---|--|
| Greeny | Composting | 4.2.1. organics / composting facility and plan |
| Cath | Develop Shop Smart Program | |
| Cath | Free Swap Program for reusables and household hazardous waste | |
| Heidi | Increased Composting Participation | |
| Heidi | Organics Collection | |
| Inga | Organics Collection | Promote and support local operations already off the ground |
| Mike | Organics Collection | |
| Greeny | policies and incentives | |
| Mike | Public education program | |
| Heidi | Reduce Paper in Hospitality | |
| Cath | Reduce Paper in Hospitality | |
| Mike | Refuse, Return and Design Out Waste | |
| Inga | Refuse, Return and Design Out Waste | Tackle this list |
| Inga | Reuse and Repair | partner with TOT to redirect Freebox funding |
| Greeny | Zero Waste Facility | 4.4 + 4.2.4. provide a zero waste facility and mechanism to fund it budget |

Count of Program

