

**TOWN OF MOUNTAIN VILLAGE
GREEN TEAM COMMITTEE MEETING
TUESDAY, OCTOBER 13, 2020, 2:00 PM**

TO BE HELD REMOTELY VIA GOOGLE MEET:

Meeting ID

meet.google.com/mrp-dyat-rfw

AGENDA

Agenda Item	TOD	Time Requested	Presenter	Type	Title
1	2:00:00		Jett		Call to order
2	2:00:00	::5	Jett	Public Comment	Public Comment on Non-Agenda Items
3	2:05:00	::5	Jett	Action	Approval of the September 8th, 22nd, & 29th, 2020 Green Team Committee Meeting Minutes
4	2:10:00	::5	Jett	Action	Appointment of a Secretary
5	2:15:00	::5	Greenspan	Informational	Review of plastic useage in Mountain Village businesses
6	2:20:00	::15	Harrington	Action	Consideration of creating a subcommittee for the Solar Incentive Program
7	2:35:00	::5	Jett	Action	Presentation of and approval of Final Quarterly Report to be submitted at the October regularly scheduled Town Council meeting
8	2:40:00	::15	Dohnal	Action	Finalize 2021 Lotus Engineering Contract
9	2:55:00	::30	Jett	Work Session	2021 Work Plan
10	3:25:00		Jett	Informational	<p>Items for Consideration:</p> <p>A. Snowmelt options for Chondola walkways</p> <p>B. San Miguel Watershed Coalition Update</p> <p>C. Beaver Issue</p> <p>D. Finn Kjome to speak about Mountain Village water</p> <p>E. Adopt a Highway</p> <p>F. 2020 January – March: 1st Quarter Green Team Quarterly Report. Present in APRIL</p> <p>G. 2020 April – June: 2nd Quarter Green Team Quarterly Report. Present in JULY</p> <p>H. 2020 July – Sept: 3rd Quarter Green Team Quarterly Report. Present in OCT</p> <p>I. 2020 Oct – Dec: 4th Quarter Green Team Quarterly Report. Present in JAN</p> <p>J. Ordinance and Initiative Timeline</p> <p>K. Forest health - infestation? Blowdown Management?</p> <p>L. Review Bruin Contract - 6 month review due Feb 2021. Need reports by JAN meeting</p> <p>M. Weed Management</p>
11	3:25:00	::5	Jett	Informational	Other Business
12	3:30:00	::5	Jett		Adjourn

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**TOWN OF MOUNTAIN VILLAGE
MINUTES OF THE SEPTEMBER 8, 2020
GREEN TEAM MEETING DRAFT**

The meeting of the Green Team Committee was called to order by Cath Jett on Tuesday, September 8, 2020, at 2:05 p.m. via Google Meeting.

Zoom 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
Marti Prohaska, Mountain Village Town Council
Inga Johansson, Alternate Seat
Mike Follen, At Large Member

The following Green Team Committee members were absent:

Heidi Stenhammer, Secretary and Telluride Mountain Village Owner's Association

The following were also in attendance:

Julia Ferguson, Lotus Engineering
DeLanie Young, Town of Telluride
Tyler Simmons, Eco Action Partners
Kim Wheels, Eco Action Partners
Zoe Dohnal, Town of Mountain Village
Todd Brown, Town of Telluride
Marla Meridith, Mountain Village Resident
Emma Gerona, Eco Action Partners

- Agenda Item 2- Consideration and Approval of August 11, 2020 Green Team Committee Meeting Minutes

On a **MOTION** by Inga Johansson and seconded by Jonathan Greenspan, the Green Team Committee voted unanimously to approve the August 11, 2020 meeting minutes as presented.

- Agenda Item 3- Presentation of 2021 Eco Action Partners (EAP) Proposal for Services
 - **NEXT STEPS:** **Kim Wheels** presented this item to the committee and discussion took place.
 - Emma Gerona introduced herself as the new Executive Director of Eco Action Partners.

- Eco Action Partner's presentation regarding a proposal for a regional GHG inventory & energy analysis, regional energy and waste resource, Sneffels energy board, green business certification, plastic film recycling and greenlights can be [viewed here](#).
- Regionally EAP has 10 years' worth of GHG Emissions data.
- EAP's sustainability action plan objectives for 2021 are community engagement, decreased energy consumption, increased renewable energy use, reduced transportation per capita, decreased water usage, reduced landfill waste and increased local food production.
- The 2020 EAP Mountain Village Q2 Report can be [viewed here](#).

➤ Agenda Item 4- Consideration of Appointment of New Green Team Members

- **NEXT STEPS:** Cath Jett presented this item to the committee and discussion took place.
- TMVOA has received two letters of interest for its open seat, one from Heather Knox and one from Marla Meridith. It is TMVOA's responsibility to recommend one of the applicants to the Green Team and Town Council for an appointment. All present agreed either candidate is qualified and welcome.
- Jonathan Greenspan's Residential term is also up and he expressed interest in continuing to serve on the Green Team.
- Kevin Pisters has also put his name in for the open Residential seat.

On **MOTION** by Patrick Berry to nominate Jonathan Greenspan to continue serving as the Residential member of the Green Team due to his proven dedication and commitment, the **MOTION** was seconded by Marti Prohaska and carried unanimously (7-0).

➤ Agenda Item 5- Lotus presentation of Climate Action Plan for September Town Council Meeting

- **NEXT STEPS:** Julie Ferguson presented this item to the committee and discussion took place.
- Lotus is continuing to work on the climate action plan and dialing in the two remaining pieces including population production and projected emissions factor with Tri State.
- The modeling portion of the plan has been completed.
- The report can be [viewed here](#).
- The report reflects that Mountain Village could achieve an 85% reduction in Green House Gasses by 2050 based on the 2020 baseline from EAP.
- Population projections through 2050 were determined by looking at trends in visitors, SMC growth and total population on any given day. Projections are dependent on market conditions and potential future pandemics.
- Electrification is being embraced throughout the state. If 80% of buildings are retrofitted with renewably sourced electric systems by 2050 it would be an 18% reduction in baseline numbers.
- The Green Team needs to be giving direction to council on where to focus as they have a diverse array of priorities upon which to focus.

- Lotus can assist with developing policies to help get the community on board and can also develop tracking worksheets to determine participation and progress.
- Community infrastructure can be incorporated to promote waste minimization.
- The committee agreed that focus should be placed on the big-impact items and renewable energy credits should be downplayed.

➤ Agenda Item 6- Glass Grinder Costs, Location, Feasibility

- **NEXT STEPS:** Jonathan Greenspan presented this item to the committee and discussion took place.
- Information on the glass grinder can be [found here](#).
- The original cost has increased significantly due to tariffs. The grinder is \$7,500 and the machine to screen the particles is \$10,000.
- TMV staff was under the impression that the ground glass is a toxic and dangerous material which is not the case. It is currently being safely used in Hawaii on eroded beaches.
- Glass and food waste take up the most volume of our waste stream.
- The Town of Telluride is looking into glass grinders as well.
- It is estimated that it will take 3 months to build a program.
- All present agreed that more research and planning needs to be done and funds for this initiative should be considered in the 2022 budget process.

➤ Agenda Item 7- Planet Over Plastics Business Outreach Costs & Feasibility

- **NEXT STEPS:** Inga Johansson presented this item to the committee and discussion took place.
- Several Green Team members met with four different firms and selected two for consideration: Skumatz Economic Research Associates and Upstream Solutions.
- The summary of the two proposals can be [found here](#).
- The selected firm would implement the existing plan and not create a new one.
- Upstream is \$7,800 for policies and community engagement with concrete deliverables which is something Council has indicated they want to see.
- Skumatz is \$24-34K and focused on our entire waste stream with action-based results, not where we can be in 10 years.
- It was noted that this should fall under agenda item 9 and discussed at that time.

➤ Agenda Item 8- “Simple Solar” Residential Program Costs & Feasibility

- **NEXT STEPS:** Cath Jett presented this item to the committee and discussion took place.
- Town Council member Pete Dupree would like to reinvigorate the old TMV solar program and add a \$50k budget line item as an incentive for owners to add solar to new construction or existing construction.

- The Federal solar tax credit of 22% will sunset at the end of 2021 so there is an incentive for our owners to act now and move away from fossil fuels.
- \$25k was the budget in 2019 and it was cut in 2020 because no one utilized the program so, if this program is reinstated, it will need a lot of marketing support.
- This budget line item will be part of the TMV planning budget, not Green Team budget.
- TMV has requested that the Green Team GT put together materials including information on lenders, approved solar companies and the applications for rebates.
- More information can be [found here](#).
- All present agreed that the Green Team would support this initiative.

➤ Agenda Item 9- Expansion of Community Composting Program: Plan, Costs, Feasibility

- **NEXT STEPS:** Jonathan Greenspan & Patrick Berry presented this item to the committee and discussion took place.
- The Subcommittee met yesterday.
- All 20 residential composting units have been sold and the subcommittee would like to purchase another 20 for \$7,500. The newly redesigned units are much more robust than the previous model.
- The subcommittee is also looking for a commercial unit that ranges in cost from \$5-15k as the unit is built according to how much waste per day a particular restaurant or group of restaurants goes through in a day.
- It is worth noting that phase one of this initiative was completed with residential composting units and the phase two plan is to move towards commercial composting.
- There is \$20k budgeted for the composting program which will cover both initiatives.
- There are still 14 scales in inventory.

➤ Agenda Item 10- Creation of Environmental Sustainability Department

- **NEXT STEPS:** Cath Jett presented this item to the committee and discussion took place.
- More information can be [found here](#).
- This idea was sparked after talking to consultants and seeing where breakdown has been since Deanna Drew left TMV's sustainability position.
- Green Team Bylaws state that everything we do is non-binding and many municipalities are creating their own sustainability department that has direct access to the town manager and council which allows for more control over environmental sustainability projects.
- This department could be implemented in a partnership with the Town of Telluride as they have expressed interest.
- TMV is currently in a hiring freeze so this will need to go in front of council.
- The cost of this department would not come out of the green team budget.
- All present agreed that a job description should be created to include a plan on how it would work between both the Towns which will be presented to Council at its October meeting.

➤ Agenda Item 11: Comparison of 2019 Green House Gas Inventory Data Collection

- **NEXT STEPS:** This item was tabled until the next meeting.

➤ Agenda Item 12- Other Business

- **NEXT STEPS:** Cath Jett presented this item to the committee and discussion took place.
- EAP's future role with the Green Team was questioned.
- It was noted that the problem with lack of action exists within the EAP board of directors and not staff.
- There seems to be more potential in working with Lotus as they are in other mountain towns and can help us see outside our bubble.
- Lotus has interfaced with town staff at a much higher level.
- This group does not need to contract for services if a department/position is approved by council.

On **MOTION** by Inga Johansson to set a special meeting to define the department/position and EAP's future role, the **MOTION** was seconded by Patrick Berry and carried unanimously (7-0).

- Jonathan Greenspan reported that Recycle Colorado had a policy summit at which Chris Holstrom provided a presentation on plastic bans. The organization will pick a few items to put forth to the legislature.
- The organization is also working on language changes to two bills. The Common Consumption law, says you have to use disposable cups and the desire is to change that to reusable cups. And, giving local authority so that, for example, incentives can be given to hemp farmers to create products other than CBD and build reusables out of hemp.

➤ Agenda Item 13- Adjournment

There being no further business, on a **MOTION** by Marty Prohaska, the Green Team Committee voted unanimously to adjourn the meeting at 4:50 p.m.

Reminder:

The next Green Team Committee meeting will take place on Tuesday, October 13, 2020 at 2:00 p.m. via Zoom or Google Meeting.

Respectfully submitted,
Heidi Stenhammer

Secretary, Mountain Village Green Team

**TOWN OF MOUNTAIN VILLAGE
MINUTES OF THE SEPTEMBER 22, 2020
GREEN TEAM MEETING **DRAFT****

The meeting of the Green Team Committee was called to order by Cath Jett on Tuesday, September 22, 2020, at 10:01 a.m. via Google Meetings

Attendance:

The following Green Team Committee members were present:

Cath Jett, Chair and Mountain Village Resident
Jonathan Greenspan, Vice Chair and Mountain Village Resident
Patrick Berry, Mountain Village Town Council
Marti Prohaska, Mountain Village Town Council
Erin Kress, Telluride Ski and Golf Company
Marla Meredith, Telluride Mountain Village Owner's Association
Inga Johansson, Alternate Seat

The following were also in attendance:

Zoe Dohnal, Business Development & Community Engagement Coordinator (Staff)
Kiersten Talbert, Telluride Ecology Commission
Emma Gerona, Eco Action Partners
Todd Brown, Eco Action Partners
Emily Artale, Lotus Engineering
Rachel Meier, Lotus Engineering
Hillary Dobos, Lotus Engineering
DeLainey Young, Town of Telluride
Kris Holstrom, San Miguel County

The following Green Team Committee and Staff members were absent:

Mike Follen, At Large Member

Discussion and Committee Follow Up/Next Steps:

➤ **Agenda Item 2- Public Comment on non-agenda items:**

- No public comment was received

➤ **Agenda Item 3 - Creation of Department of Sustainability, Climate Action & Resilience**

Cath Jett presented a compilation of various communities to the team and asked for input

- **NEXT STEPS:**
 - Remove the statement that Town Council views the Green Team as an employee
 - Eliminate the citations regarding climate change
 - Add the size of other departments in other communities
 - The Mayors of both towns will review, comment, and mold to fit a possible shared job position

➤ **Agenda Item 4a- Simple Solar Program:**

Cath Jett presented a sample presentation from Solar United Neighbors to create a solar co-op. They are a vendor-neutral nonprofit that facilitates a solar co-op process. They also support engagement and advocacy around solar rights and a just energy transition. This could be a collaborative effort between the two towns. It also allows the costs to be reduced through bulk purchases.

- **NEXT STEPS:** Discussion took place and the Green Team Committee **APPROVED** moving forward with developing a proposal to be brought to Town Council for budgeting purposes. The approximate cost of \$20,000 would be part of the total \$50,000 package. Cath will work with Solar United and Zoe to create a package by September 30th.

➤ **Agenda Item 4b- Planet Over Plastics / Zero Waste**

Inga Johansson briefly re-introduced the two proposals that were presented at the last meeting.

- **NEXT STEPS:** Discussion took place and the Green Team Committee **APPROVED** adding the Upstream proposal to the Plastics portion of the budget in the amount of \$8,000 (to be confirmed)

➤ **Agenda Item 4c- Review of Eco Action Partners 2021 Proposal**

- **NEXT STEPS:** Discussion took place and three items were discussed regarding the contract. The following items were voted on by the members present.
 1. To fund EAP as presented
 2. To fund only Sneffels Energy Board and Regional Green House Gas Inventory and Analysis
 3. Discontinue Funding

Because of a tie under item #1 and with advice from Town Staff and the Town's Attorney, a special meeting will be held for a final vote.

➤ **Agenda Item 4d- Review of Lotus Engineering 2021 Proposal**

- **NEXT STEPS:** Discussion took place and the Green Team Committee **APPROVED** to fund Lotus Engineering for continued work on the Municipal Green House Gas Inventory in the amount of \$12,080

There being no further business, on a **MOTION** by Marti Prohaska and seconded by Jonathan Greenspan, the Green Team Committee voted unanimously to adjourn the meeting at 11:28 a.m.

Respectfully submitted,

Cath Jett

Chairperson
Town of Mountain Village Green Team Committee

**TOWN OF MOUNTAIN VILLAGE
MINUTES OF THE SEPTEMBER 29, 2020
GREEN TEAM MEETING **DRAFT****

The meeting of the Green Team Committee was called to order by Cath Jett on Tuesday, September 22, 2020, at 12:35 p.m. via Google Meetings

Attendance:

The following Green Team Committee members were present:

Cath Jett, Chair and Mountain Village Resident
Jonathan Greenspan, Vice Chair and Mountain Village Resident
Marti Prohaska, Mountain Village Town Council
Erin Kress, Telluride Ski and Golf Company
Marla Meredith, Telluride Mountain Village Owner's Association
Inga Johansson, Alternate Seat

The following were also in attendance:

Zoe Dohnal, Business Development & Community Engagement Coordinator (Staff)
Emma Gerona, Eco Action Partners

The following Green Team Committee and Staff members were absent:

Mike Follen, At Large Member
Patrick Berry, Mountain Village Town Council

Discussion and Committee Follow Up/Next Steps:

➤ **Agenda Item 2- Vote to Finalize Funding Level for Eco Action Partners**

At the last meeting, there was a tie on the amount to fund Eco Action Partners (EAP). After consultation with the Town Clerk and the Town Attorney, they directed the Green Team to hold a special meeting to finalize the outcome.

The options are:

- To fully fund EAP for 2021
- To fund EAP for Sneffels Energy Board representation and for regional GHG data collection and interpretation in 2021
- Not to fund EAP in 2021.

By a 5-0 vote, the Green Team unanimously agrees not to fund EAP in 2021

Marti Prohaska joined the meeting at 12:38

There being no further business, on a **MOTION** by Jonathan Greenspan and seconded by Marla Meredith, the Green Team Committee voted unanimously to adjourn the meeting at 12:40 a.m.

Respectfully submitted,

Cath Jett

Chairperson
Town of Mountain Village Green Team Committee



Mountain Village Solar Co-op Work Plan

Solar United Neighbors, a 501(c)3 nonprofit organization, is proposing to launch the Mountain Village Solar Co-op. This co-op will be completed in partnership with the Mountain Village Green Team to catalyze solar adoption throughout the community in line with Mountain Village's renewable energy and climate goals.

About Solar Co-ops

A solar co-op is formed when a group of neighbors enters the process of going solar. Typically, the group selects a single contractor to install systems on all the participating homes. Each participant owns their own system and signs their own contract with the installer. By going solar as a group, each participant saves on the cost of their system and gets support from the group throughout the process. The installer chosen by the group can order equipment in bulk and reduce travel and marketing costs, allowing them to pass significant savings on to the participants.

Solar United Neighbors' approach is different than traditional Solarize programs. We focus on participant engagement as opposed to recruitment. We work very closely with the group, educating each participant about solar. We involve them in community outreach, the installer selection process, and the financing process. This gives people a much greater sense of ownership and increases their knowledge and comfort with the process of going solar. We also try to connect participants to opportunities for advocacy or community service after they go solar and help them become part of local renewable energy groups.

Although this labor-intensive process can lead to a smaller group size (though not always), a much higher percentage of our participants go solar (30%) than Solarize programs typically see (5-10%). Additionally, we continue to engage and support our co-op participants after the co-op is over – they are invited to volunteer, join our free listserv, newsletter, and social media groups, and can become a member. As a result, past co-op participants are highly informed and actively engaged in growing renewable energy in their community.

A typical solar co-op costs \$20,000 to implement, providing staff and support from our team of experts. During the implementation of the solar co-op, a group of partners and local volunteers are invited to participate in a steering committee, which helps coordinate outreach strategies and ensures smooth implementation of the program. Due to COVID-19, we will focus on digital organizing tactics leveraged with community partners, though activities which respect social distancing may also be considered.

Solar United Neighbors prioritizes programs which support solar access to all. With the available budget of \$50,000 to support solar adoption, we recommend the town institute a buy-down rebate or similar program with the remaining \$30,000 to support growing the benefits of solar access, particularly for low-to-moderate income families.

The Solar Co-op Process and Deliverables

Phase I: Planning and Launch of Education and Outreach to Recruit Participants

The first phase of the solar co-op process is outreach to potential co-op participants with the goal of turning people out to an informational seminar and community meeting (Zoom webinar). This outreach involves hanging fliers, pitching local media, advertising via neighborhood listservs and emails, Facebook invitations, leaving door hangers, and supporting word-of-mouth networking. To make this effort as successful as possible, we also identify and cultivate local partners early in Phase I. We often partner with local governments, schools, churches, nonprofit organizations, and businesses who support solar power and who have strong connections with the community. Partners help us identify dates and locations for info sessions in the community and help with outreach through their networks.

At info sessions, the Solar United Neighbors of Colorado team will explain how the co-op process works, provide a detailed but consumer-friendly overview of residential solar PV, and answer questions. We cover the technology itself, financing options, policy considerations, the installation process, and other topics such as battery storage or net metering as appropriate for local conditions. We will also provide Spanish-translation services in coordination with the city where needed.

After this initial educational meeting, people who are interested in moving forward with the co-op will sign up on the co-op's webpage. Solar United Neighbors' technical staff then completes an initial screening of each participant's roof (or property) via a combination of Google Earth and Bing Maps. We also work with homeowners to ensure we have the most up-to-date information about their property (e.g., a nearby tree has come down) to make our assessment. We perform this screen for several reasons: it ensures that we do not waste the time of homeowners whose property is not a good fit for solar, it ensures that the installer is able to work as efficiently as possible, and it protects homeowners from unscrupulous solar installers who might be tempted to sell them a system for an unsuitable location. We report the findings of our initial assessment to each homeowner and the installer, once selected.

Phase I Deliverables:

1. Phase I Deliverables:

- 1.1.** Develop informational materials
 - 1.1.1.** Produce a one-page flyer/information sheet for the Mountain Village Solar Co-op
 - 1.1.2.** Produce a door hanger to be distributed by volunteers within the community
 - 1.1.3.** Develop a table estimating installation cost and savings based on local rates and incentives
 - 1.1.4.** Develop answers to Frequently Asked Questions covering policy, regulation, incentives, and financing options available to Mountain Village residents.
 - 1.1.5.** Develop a web page for the co-op and an online sign-up portal for participants.
 - 1.1.6.** Develop these materials in Spanish as needed
- 1.2.** Identify, cultivate, and provide ongoing coordination for diverse community partnerships to assist with community outreach about the solar co-op
 - 1.2.1.** Invite key partners and volunteer leaders to participate in an ongoing Steering Committee for the duration of the program
- 1.3.** Coordinate with partner organizations to find dates and locations for 2-3 info sessions.
- 1.4.** Coordinate with partner organizations to set a clear timeline for program implementation.
- 1.5.** Coordinate with partner organizations to conduct outreach to the community, including through press and media, events, social media, email listservs/networks, and word-of-mouth.

Phase II: Selecting an Installer

Once at least 20 participants have signed up and passed the roof screening, we issue a Request for Proposals (RFP) from area solar installers. We will reach out to installers through the Colorado Solar and Storage Association and the national Solar Energy Industry Association. We also have a portal on our website where any installation company can sign up to receive RFP announcements. The RFP will ask installers to provide details of their company, equipment, and installation process. They will be asked to provide a single base price that they will offer to the entire group of co-op participants, and detail the “adders” or “upcharges” participants may choose, e.g. for more complex installations or more expensive equipment.

Once we receive bids from installers, we convene a Selection Committee made up of solar co-op participants interested in choosing an installer for the group. We compile a detailed spreadsheet that summarizes and compares each element of each bids received. This helps non-experts to make an informed choice in what can otherwise be a complicated decision. The Selection Committee reviews the bids and the “bid review spreadsheet” and selects an installer to complete all the projects for the group. Some large co-ops may opt to close and open a second one to select more than one installer. Although Solar United Neighbors facilitates the process and answers technical questions, the Selection Committee itself decides which installer to select.

2. Phase II Deliverables:

- 2.1. Continue community outreach activities and outreach coordination with partner organizations.
- 2.2. Host one or more in-person information webinars to educate the community and co-op participants about going solar and the co-op process. [Launch event]
- 2.3. Recruit at least 20 co-op participants with suitable roofs/properties for solar by the end of this quarter.
- 2.4. Provide regular updates to participants to keep everyone engaged and to encourage them to recruit friends and neighbors.
- 2.5. Conduct initial satellite roof screenings for all new participants.
- 2.6. Develop a clear, detailed Request for Proposals (RFP) that reflects the needs, values, and preferences of the co-op participants.
- 2.7. Distribute the RFP to area solar installers through our network, the Solar Energy Industry Association network, and other local channels.
- 2.8. Collect and review all RFP responses, including by performing due diligence and checking installer references.
- 2.9. Compile a bid review spreadsheet that summarizes the bids received into an easy-to-understand format for co-op participants.
- 2.10. Convene a Selection Committee and facilitate the bid selection process.

Phase III: Recruiting Additional Participants and Signing Contracts with the Installer

Once an installer has been selected, we continue to recruit co-op participants for at least one month. During that time, the chosen installer also meets with each participant. They provide an individualized proposal that lists the size and cost of a solar system for each house, with the cost reflecting the pricing put forward in their bid. If participants decide to move forward with the project, they sign an individual contract with the installer to have the system installed.

Solar United Neighbors also helps co-op participants identify and access incentives and financing programs. Our staff is well-versed in incentives and financing options for residential solar, including rebates and tax credits, loans that can be used for solar installations, third-party ownership models (where available), and property assessed clean energy programs (where available). Some of these

financing options eliminate the upfront cost of a solar installation, broadening access to working and middle-class families.

In addition to providing direct support to co-op participants, we exhaustively track the installation process and remain engaged in troubleshooting and education throughout the process. Issues arise almost daily related to miscommunication with installers, equipment, permits, interconnection, scheduling, roofing impacts, contracts, insurance, renewable energy credits, and financing.

We collaborate with installers using Salesforce CRM, which allows us to efficiently coordinate visits and track the progress of installations performed for the co-op. We help installers streamline and digitize scheduling, contract signing, and customer relationship management processes—drastically increasing installer’s capacity. This allows the Selection Committee to pick the best installer for the job, regardless of their size.

3. Phase III Deliverables:

- 3.1. Continue community outreach activities and outreach coordination with partner organizations, ensuring we maximize interest before the sign-up deadline.
- 3.2. Recruit at least 50 solar co-op participants
- 3.3. Host one or more information session webinars to educate the community and co-op participants about going solar and the co-op process.
- 3.4. Continue to provide regular updates to participants.
- 3.5. Continue to provide satellite roof screenings for new participants.
- 3.6. Facilitate weekly calls with installers to get progress updates, discuss problems or concerns, and identify common participant questions to address in our weekly email update.
- 3.7. Support people from proposal to signed contract by following up regularly, answering questions, and trouble-shooting.
- 3.8. Reach out to participants who have not scheduled site visits.

Phase IV: Post Installation Follow Up

Once the system is installed, we continue to engage with participants. We bring them into our existing state networks and connect them to ongoing policy advocacy efforts, including legislation and regulatory cases.

4. Phase IV Deliverables:

- 4.1. Assist at least 15 solar co-op participants through the contracting process by the end of this quarter.
- 4.2. Troubleshoot any issues that arise post-installation with participants, especially interconnection and billing issues.
- 4.3. Conduct spot inspections on a few installations to support quality control.
- 4.4. Coordinate with partner organizations to host a party to celebrate the community’s new solar installations. Invite all co-op participants, the installer’s team, and local media.
- 4.5. Connect participants with other local partners and a growing network of solar supporters.

Program Budget

Solar United Neighbors - Mountain Village Solar Co-op	\$20,000
Mountain Village rebate / solar adoption support*	\$30,000
Program Total:	\$50,000

**Managed by Mountain Village*



Proposed Timeline

Deliverables	Phase I: Planning & Launch			Phase II: Installer Selection	Phase III: Recruitment & Contracts			Phase IV: Support Through Installs				
	Q1 2021			Q2 2021			Q3 2021			Q4 2021		
	January	February	March	April	May	June	July	August	September	October	November	December
1.1 Informational Materials	X	X										
1.2 Cultivate Partnerships	X	X	X									
1.3 Info Session Planning		X	X									
1.4 Finalize Timeline w/ Partners			X									
1.5 Initial Community Outreach			X									
2.1 Continued Community Outreach				X	X	X						
2.2 Information Session 1 (Launch)			X									
2.3 Obtain 20 members				X								
2.4, 3.4 Regular updates for members				X	X	X	X					
2.5, 3.5 Conduct roof reviews				X	X	X						
2.6 Develop RFP			X									
2.7 Release RFP				X								
2.8 Review all RFPs				X								
2.9 Create RFP Bid Review Packet				X								
2.10 Hold Selection Committee				X								
3.1 Final Outreach						X						
3.2 Recruit 50 Members						X						
3.3 Host Additional Info Sessions				X	X	X						
3.6 Installer Check-in Calls				X	X	X	X	X	X	X	X	X
3.7, 4.1, 4.2 Direct Member Support				X	X	X	X	X	X	X	X	X
3.8, 4.1, 4.2 Direct Member Outreach				X	X	X	X	X	X			
4.3 Spot Inspections									X			
4.4 Co-op Celebration										X		
4.5 Connect with Solar Community				X	X	X	X	X	X	X	X	X



2021 Mountain Village Solar Co-op

Anticipated Community Impact

100

Leads

Participants who signed-in to an event



50

Members

Individuals who signed up to receive a solar proposal



15

Contracts

Signed by individuals with the solar installer



105

Kilowatts

Of solar capacity being installed, assuming avg system of 7kW



\$315,000

Dollars

Spent on solar installs by solar co-op members



163,800

kWh Produced/Year

PVWatts Calculator 1,560kW/h per year per installed kW DC



Annual Equivalent Impact in Terms of CO2e Avoided Emissions*:

- 25 passenger vehicles driven for one year, or
- 268 barrels of oil consumed, or
- 1,915 tree seedlings grown for 10 years, or
- 151 acres of U.S. forests storing carbon for one year



* Estimated annual average based on PVWatts Data and Environmental Protect Agency's Greenhouse Gas EPA Equivalencies Calculator.





Mountain Village Green Team

3rd Quarter Report

The Goal for the Team is to work the following items to completion.

1. BUDGETS!

Budget discussions began in August using Lotus Engineering's Climate Action Plan and the Zero Waste Plan to determine where we can make the most impact. We held three budget meetings in September. Final recommendations were made which will be presented to Town Council by Zoe Dohnal.

Our focus will be on:

- Organics collection - continuing and expanding the composting program to include Farm to Community members and restaurants
- Paper reduction in hospitality
- Design out waste through creating a reusable program instead of single-use for take-out meals. This includes the ordinance to eliminate single-use plastics.

2. New Members

The team welcomed newly appointed members in September. Marla Meredith will represent TMVOA and Erin Kress will represent TSG. Jonathan Greenspan was also reappointed to one of the residential seats on the Team.

Welcome, Marla, Erin, and Jonathan!

3. Community and Government Greenhouse Gas Report and Climate Action Plan

Lotus Engineering presented the climate action plan in July. The team was asked to review and make recommendations on where the focus should be to maximize programs, policies, and practices that will maximize GHG reduction. The final version of the CAP was presented to the Town Council in October.

Lotus has also been part of our 2021 budget discussions and has been accepted to continue services for next year. There is a possibility that they will assist with regional data collection and interpretation as well, but that has not been finalized.

Primary contact remains with staff, but Lotus has been responsive to questions from the rest of the Team, MTI, and other organizations.

2021 Contracts will be finalized with Lotus Engineering for Mountain Village GHG data collection, interpretation, and reporting in the 4th Quarter of this year.

4. Regional Greenhouse Gas Report and Programs

EcoAction Partners worked with Staff and Lotus Engineering to coordinate existing data. This helped to develop the Climate Action Plan (mentioned above).

5. Mountain Village Clean-Up Day

Despite COVID-19, a group of approximately 20 volunteers helped with this year's Clean-Up Day. Over 200 pounds of trash were collected.

We are considering changing direction to coordinate efforts with TSG and the Town's two dates into one event.

Thank you, Mike Follen, Zoe Donal, and all the volunteers for another successful event!

6. Composting Program

Biocompet is still behind on deliveries of units because of manufacturing delays related to COVID-19. 8 units have been recording data. There have been mechanical issues with some of the units, but Biocompet has replaced faulty units as soon as they are able.

We are also looking to set up an email chain/phone tree for questions or issues that users may have.

259.36 pounds have been diverted from the waste stream as of October 6th with 163.1 pounds of compost generated.

7. Voluntary Single-Use Plastics Resolution Implementation and Education

Because of COVID-19, the team has had to switch direction somewhat. We are now focusing on working to develop a plan where businesses use reusable containers instead of single-use for take-out. Inga Johansson has been instrumental in researching various companies who can meet our Zero Waste goal for plastics.

We are still moving toward a single-use container ordinance that mirrors the voluntary plastic resolution that the Council passed.

8. Meetings with Telluride's Ecology Commission

Collaboration with the Ecology Commission is going well. We assisted with comments and adopted the "Live Like a Local" program. Staff assisted with printing some of the collateral.

Thank you MTI for the "Live Like A Local" concepts and assisting with the program!

9. Green Tips

There has been discussion about whether or not to continue the program. Inga created several articles, but we are not sure that the current distribution as well as the cooperation of team members is effective.

10. Farm to Community Program

The program filled quickly with community members and there was a long waiting list which Zoe handled with aplomb. Members were very grateful for the additional weeks of delivery as well as how large the shares were.* Staff feels that the program may have gone too long as many shares were not picked up toward the end of the program. Staff is recommending shortening it next year.

We are currently considering working with the composting team to create a program where a community composter would be located at VCA for F2C members as well as for local restaurants. The product would be used by the farmers. This would help close the loop for this program.

A community composter has been recommended for the budget to close the Farm to Community loop and to allow restaurants to compost too.

11. Green Team Dues and Fees

CC4CA membership dues have been paid for 2020.

12. REMP Funds Allocation

We will continue to recommend to Council any changes or updates that need to happen.

We have been approached by SMPA to require the installation of EV chargers for all new construction in Mountain Village. We are working with the Planning staff to put together a final proposal.

Rough prices for EV charger installation is \$500 for the unit and \$1,100 for installation.

13. Solar Rebate Initiative

The chair has been working with Council Member Pete Duprey to revamp and reinvigorate the Solar Rebate Initiative. After researching options, a co-op idea with [Solar United Neighbors](#) was discussed and recommended for the budget. S.U.N. would coordinate a volunteer group to evaluate and select the best options, rebates, and other financial incentives for the town. Working with a co-op also provides the opportunity to decrease costs of panels and installations.

Staff recommended that a subcommittee should be formed to evaluate what the hurdles are to the current program. The Team feels that S.U.N. can help facilitate this process more effectively.

We are excited to reinvigorate the program to allow residents to take advantage of the Federal Tax Credit which sunsets in 2021.

14. Meadows Beaver Solutions

There is concern about the proposed beaver solutions by Town Staff in their quarterly report to Town Council. There has been discussion with TSG, members of the Green Team, and Town to come up with an alternate solution to removing the dam. Some of the concerns from residents are the mudflats that will be left after the destruction of the dam and how that can be mitigated. There is also concern that if the dam were eradicated, even more trees would be taken down in the neighborhood. There is also concern regarding the habitat that is currently supported including birds like Canada Geese, Eagles, Red Wing Blackbirds, Mallard Ducks, etc.

Jeff Proteau has met with Town Staff to develop a program to create a Beaver Deceiver.

A communication strategy for Meadows Residents needs to be developed.

Council Member Berry will reach out to Jeff Proteau to see if a beaver deceiver can be installed this fall.

Items for consideration

- Prepare and discuss ideas for the Environment and Sustainability of the Mountain Village Master Plan.
- Review and discuss Mountain Village's efforts to carbon neutrality.
- Zero Waste Initiatives updates regarding regional approaches to reduce, repurpose, reuse, and recycle specific waste streams to increase landfill diversion.
- Regional and local composting efforts and measurables on the carbon footprint.
- Quantitative data on recycling and waste for service contracts.

- Eliminate the use of most newsprint and be paperless.
- Help staff find alternative mechanized equipment that is less polluting and more efficient Such as vehicles, landscape equipment, and other related items.
- Review franchise fees with SMPA and Black Hills to offset green energy projects.
- Create a credit for large hotels that create energy systems that reduce their carbon footprint
- Update building codes to 2018. Draft created by staff prior to departure
- Present Work Plan in December to the council. We would adopt in November.
- Where are we with Forest Health? There are questions regarding pine beetle infestation and where that currently is. Some residents have noticed tent caterpillars in aspen trees this spring. How are blowdowns from the wind events being handled? NOTE: Council discussed this during the October 2020 budget meeting. Michelle Haynes is working on plans to better utilize funds and/or increase funds for Defensible Space rebate program.
- Weed management - how is the program administered and communicated to the community? There were concerns expressed by members of the community that they didn't know about weed spaying until the day it was happening.
- Continue to work with the Town of Telluride to create regional solutions for sustainability, Landfill diversion, Carbon neutrality, policy, and all related environmental concerns.

AGREEMENT TO PROVIDE CONSULTING SERVICES

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WHEREAS, CONSULTANT has specialized professional expertise and experience;

WHEREAS, The Town anticipates the need for specialized services, as defined by the BASIC SERVICES, which can be performed by CONSULTANT;

NOW THEREFORE, in consideration of the premises and the mutual benefits to be derived therefrom, the parties agree to, and are subject to the stated terms and conditions as follows.

BASIC SERVICES

CONSULTANT shall provide to Town the professional services described in the Scope of Work issued pursuant hereto (the "WORK"). The WORK shall be performed in accordance with the provisions of this AGREEMENT. Upon execution by CONSULTANT and Town, the WORK shall be incorporated herein by this reference as part of this AGREEMENT.

In general, WORK will include assistance and support for all tasks necessary for the completion of work as requested and based on the availability of the CONSULTANT. CONSULTANT shall track all necessary time and expenses for each assignment and shall coordinate closely with Town.

COMPENSATION

The compensation to CONSULTANT for Work as Described is measured by the following elements, which are computed as set forth below.

A. Fixed Amount Basis:

1. CONSULTANT shall complete the Work for an amount not to exceed Seventeen Thousand Two-Hundred Eighty-Six Dollars (\$17,286.00) which the Town shall pay as set forth below.

INVOICES

- A. CONSULTANT shall invoice the Town and the completion of each Task as described in the Project Schedule in accordance with the project budget amount for each such Task. Each invoice shall identify Services performed and shall show by TASK ORDER, hours worked, brief description of labor and labor charges.
- B. The Town of Mountain Village shall pay CONSULTANT within thirty (30) days after Town of Mountain Village receives each invoice from CONSULTANT.

RESPONSIBILITIES OF CONSULTANT

CONSULTANT will perform Services as specified under BASIC SERVICES.

RESPONSIBILITIES OF Town of Mountain Village

- A. Provide all criteria and full information as to requirements for the project.
- B. Designate a person to act as representative with respect to professional and contractual services of CONSULTANT.
- C. Give prompt notice to CONSULTANT of any development that affects the scope and/or timing of CONSULTANT'S services.
- D. Coordinate CONSULTANT'S work with that of other parties.

PERIOD OF SERVICE

The Services of CONSULTANT have been agreed to in anticipation of the orderly and continuous progress as specified under BASIC SERVICES.

MEDIATION

In an effort to resolve any conflicts that arise during the design and construction of the Project or following the completion of the Project, the CONSULTANT and Town of Mountain Village agree that all disputes between them arising out of or relating to this Agreement or the Project shall be submitted to non-binding mediation unless the parties mutually agree otherwise.

MISCELLANEOUS

- A. If, at any time, BASIC SERVICES is changed from that on which this Agreement for Services is based, the scope and compensation for only future services will be subject to re-negotiation.
- B. If the Services are postponed, delayed, suspended, or abandoned for any reason, CONSULTANT will be paid for all work performed through the date of such postponement, delay, suspension or abandonment as set forth in the Compensation section of this Agreement.

- C. This Agreement may be terminated by either party on seven days written notice to the other party, in which case, CONSULTANT will be paid for all work performed through the date of termination as set forth in the Compensation section of this Agreement. This Agreement will automatically terminate at the completion of the Work and final payment being made by the Town.
- D. The only warranty or guaranty made by CONSULTANT in connection with the Services performed hereunder is that CONSULTANT will use that degree of care and skill ordinarily required to perform under this WORK. No other warranty, expressed or implied, is made or intended by this Agreement to Provide Sub consulting Services.
- E. This Agreement is governed by the laws of the State of Colorado. Venue and jurisdiction is property in San Miguel County, Colorado.
- F. CONSULTANT and Town of Mountain Village each binds himself and his partners' successors, executors, administrators, assigns, and legal representatives unto the other in respect to all covenants, Agreements, and obligations of this Agreement.
- G. The Contractor qualifies as a "contractor" pursuant to §8-17.5-101(2) C.R.S. and the Contractor hereby certifies that, as of the date hereof, the CONTRACTOR does not knowingly employ or contract with an illegal alien, and the CONTRACTOR has participated or attempted to participate in the "Basic Pilot Program"(as defined in §8-17.5-101(1), C.R.S.) in order to verify that the CONTRACTOR does not employ any illegal aliens. In compliance with §8-17.5-101(2) C.R.S., it is hereby agreed:

The CONTRACTOR shall not knowingly employ or contract with an illegal alien to perform work described in this Agreement (defined as "Contractor Services" for the purpose of this section) or enter into a contract with a subcontractor that fails to certify to the CONTRACTOR that the subcontractor shall not knowingly employ or contract with an illegal alien to perform the Contractor Services.

The CONTRACTOR has verified or attempted to verify through participation in the Basic Pilot Program that it does not employ any illegal aliens or shall apply to participate in the Basic Pilot Program every three months until the CONTRACTOR is accepted or until termination of this Agreement, whichever is earlier.

The CONTRACTOR shall not use the Basic Pilot Program procedures to undertake pre-employment screening of job applicants while performing the Contractor Services.

If the CONTRACTOR obtains actual knowledge that a subcontractor performing Contractor Services knowingly employs or contracts with an illegal alien, the CONTRACTOR shall be required to: (i) notify the subcontractor and the CLIENT within three days that the CONTRACTOR has actual knowledge that the subcontractor is employing or contracting with an illegal alien; and (ii) terminate the subcontract with the subcontractor if within three days of receiving the notice required pursuant to

subparagraph (i) the subcontractor does not stop employing or contracting with the illegal alien; except that the CONTRACTOR shall not terminate the contract with the subcontractor if during such three days the subcontractor provides information to establish that he subcontractor has no knowingly employed or contracted with an illegal alien.

The CONTRACTOR shall comply with any reasonable request by the Department of Labor and Employment made in the course of an investigation that such department is undertaking pursuant to §8-17.5-102(5) C.R.S.

- H. CONSULTANT acknowledges that it may have access to certain Town data that includes “personal identifying information,” as defined in C.R.S. 24-73-101(4)(b) and 2 C.F.R. 200.82, as amended from time to time (“PII”). CONSULTANT will comply fully with all applicable laws, regulations and government orders relating to PII and data privacy with respect to any data that CONSULTANT receives or has access to under this Agreement or in connection with the performance of any services for the Town. CONSULTANT will implement and maintain reasonable security procedures and practices that are appropriate to the nature of the PII it may receive and reasonably designed to help protect the PII from unauthorized access, use, modification, disclosure or destruction.

INSURANCE

- A. The CONSULTANT shall obtain and maintain insurance as specified below herein at all times prior to the termination or expiration of this Contract:
- a. Worker's Compensation as required by law.
 - b. Commercial General Liability Insurance, covering premises, operations, fire damage, independent contractors, products and completed operations, blanket contractual liability, with minimum limits as follows:
 - i. \$1,000,000 each occurrence
 - ii. \$1,000,000 general aggregate
 - iii. \$50,000 any one fire.

If any aggregate limit is reduced below \$1,000,000 because of claims made or paid, the CONSULTANT shall immediately obtain additional insurance to restore the full aggregate limit and furnish to Town a certificate or other document satisfactory to Town showing compliance with this provision.

- c. The Town shall be named as additional insured on each liability policy.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first written above.

Town of Mountain Village

Lotus Engineering and Sustainability, LLC

Name: Kim Montgomery, Town Manager

Name:

Signature: _____

Signature:

Date:

Date:

Approved as to Form:

Jim Mahoney, Town Attorney

Proposed Scope of Work

TASK 1: DEVELOP A 2020 COMMUNITY-WIDE GPC-COMPLIANT GHG

INVENTORY

- Hold a kick-off meeting with the Town. (This meeting may be sufficient to cover all inventories.)
- Update the Lotus-derived data management and emission calculation spreadsheet. Key aspects of this tool include a summary of data sources; emission factors; emission calculations; emission summary.
 - Non-GPC emission sources, such as avoided emissions from recycling and renewable energy, will also be included as information-only items.
- Collect data.
- Conduct a quality assurance/quality control (QA/QC) review on collected data to ensure that it aligns with best practices and industry knowledge.
- Calculate emissions and complete the 2020 GPC-compliant inventory.
- Review all findings with the Town.
- Calculate key metrics for future comparison including, but not limited to, emissions by sector, emissions by source, emissions per capita, energy use intensity by building sector, residential electricity and natural gas use per capita.

Deliverables

- Project kickoff meeting.
- 2020 GPC-compliant GHG inventory with inputs and all accompanying data sources, including emails and original reports and spreadsheets.

TASK 2: DEVELOP A 2020 MUNICIPAL EMISSIONS INVENTORY

- Update the Lotus-derived data management and emission calculation spreadsheet. Key aspects of this tool include a summary of data sources; emission factors; emission calculations; emission summary.
- Collect data.
- Conduct a QA/QC review on collected data to ensure that it aligns with best practices and industry knowledge.
- Complete the 2020 inventory for municipal operations.
- Review all findings with the Town.
- Calculate key metrics for future comparison including, but not limited to, emissions by department (or comparable breakdown as provided by the Town), emissions by source, and emissions per city employee.

Deliverables:

- 2020 municipal GHG inventory with inputs and all accompanying data sources, including emails and original reports and spreadsheets.

Project Budget

TASK AND SUBTASK	Lotus Labor Hours				Total Lotus Labor	Total Labor Costs
	Emily	Hillary	Julia	Rachel		
	Regular	Regular	Regular	Regular		
	\$ 120	\$ 120	\$ 98	\$ 75		
Task 1: Develop Community-Wide GHG Inventory	6		20	34	60	\$ 5,230.00
Task 2: Develop Municipal GHG Inventory	6		20	34	60	\$ 5,230.00
Task 3: Summary of Inventory Findings	12		20	30	62	\$ 5,650.00
Project Management	0		12	0	12	\$ 1,176.00
TOTAL	24	0	72	98	194	\$17,286.00

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 - i. \$1,000,000 each occurrence
 - ii. \$1,000,000 general aggregate
 - iii. \$50,000 any one fire.

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- c. The Town shall be named as additional insured on each liability policy.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first written above.

Town of Mountain Village

Lotus Engineering and Sustainability, LLC

Name: Kim Montgomery, Town Manager

Name:

Signature: _____

Signature:

Date:

Date:

Approved as to Form:

Jim Mahoney, Town Attorney

Proposed Scope of Work

TASK 1: DEVELOP A 2020 COMMUNITY-WIDE GPC-COMPLIANT GHG

INVENTORY

- Hold a kick-off meeting with the Town. (This meeting may be sufficient to cover all inventories.)
- Update the Lotus-derived data management and emission calculation spreadsheet. Key aspects of this tool include a summary of data sources; emission factors; emission calculations; emission summary.
 - Non-GPC emission sources, such as avoided emissions from recycling and renewable energy, will also be included as information-only items.
- Collect data.
- Conduct a quality assurance/quality control (QA/QC) review on collected data to ensure that it aligns with best practices and industry knowledge.
- Calculate emissions and complete the 2020 GPC-compliant inventory.
- Review all findings with the Town.
- Calculate key metrics for future comparison including, but not limited to, emissions by sector, emissions by source, emissions per capita, energy use intensity by building sector, residential electricity and natural gas use per capita.

Deliverables

- Project kickoff meeting.
- 2020 GPC-compliant GHG inventory with inputs and all accompanying data sources, including emails and original reports and spreadsheets.

TASK 2: DEVELOP A 2020 MUNICIPAL EMISSIONS INVENTORY

- Update the Lotus-derived data management and emission calculation spreadsheet. Key aspects of this tool include a summary of data sources; emission factors; emission calculations; emission summary.
- Collect data.
- Conduct a QA/QC review on collected data to ensure that it aligns with best practices and industry knowledge.
- Complete the 2020 inventory for municipal operations.
- Review all findings with the Town.
- Calculate key metrics for future comparison including, but not limited to, emissions by department (or comparable breakdown as provided by the Town), emissions by source, and emissions per city employee.

Deliverables:

- 2020 municipal GHG inventory with inputs and all accompanying data sources, including emails and original reports and spreadsheets.

TASK 3: DEVELOP A 2020 REGIONAL GPC-COMPLIANT GHG INVENTORY

- Develop a Lotus-derived data management and emission calculation spreadsheet. Key aspects of this tool include a summary of data sources; emission factors; emission calculations; emission summary.
 - Non-GPC emission sources, such as avoided emissions from recycling and renewable energy, will also be included as information-only items.
- Collect data.
- Conduct a quality assurance/quality control (QA/QC) review on collected data to ensure that it aligns with best practices and industry knowledge.
- Calculate emissions and complete the 2020 GPC-compliant inventory.
 - Findings will be disaggregated by each community.
- Review all findings with the Town.
- Calculate key metrics for future comparison including, but not limited to, emissions by sector, emissions by source, emissions per capita, energy use intensity by building sector, residential electricity and natural gas use per capita.

Deliverables

- GHG inventory tool that is customized for county-wide (regional) emissions and disaggregated by each community.
- 2020 GPC-compliant GHG inventory with inputs and all accompanying data sources, including emails and original reports and spreadsheets.

TASK 4: SUMMARY OF INVENTORY FINDINGS

- Summarize key emission findings from each inventory into a comprehensive and aesthetically engaging website that can be shared with the community. Lotus will create the website page on Mountain Village's existing website using Process Wire. Note: the webpage can easily be updated annually by either Lotus or Town staff.
 - We will include a comparison of energy usage and GHG emissions between 2020 and previous years. Differences between activity data and emission factors will be explored and discussed with Town staff.
 - A draft website outline of material and a draft webpage will be provided for feedback.
- Review findings with Town staff and the Green Team Committee.
- Prepare a final webpage on Process Wire.

Deliverables(s)

- A draft website outline and webpage.
- A final webpage in Process Wire.

Project Management

Specific subtasks:

- Regular check-in emails.
- Monthly phone call with the Town.
- Monthly invoice reporting.

Deliverable

- Monthly invoice reports.

Project Schedule

TASK	January		February		March		April		May		June	
	1st Half	2nd Half										
Task 1: Develop Community-Wide GHG Inventory												
Task 2: Develop Municipal GHG Inventory												
Task 3: Develop Regional GHG Inventory												
Task 4: Summary of Inventory Findings												
Project Management												

Project Budget

TASK AND SUBTASK	Lotus Labor Hours				Total Lotus Labor	Total Labor Costs
	Emily	Hillary	Julia	Rachel		
	Regular	Regular	Regular	Regular		
Task 1: Develop Community-Wide GHG Inventory	6		20	34	60	\$ 5,230.00
Task 2: Develop Municipal GHG Inventory	6		20	34	60	\$ 5,230.00
Task 3: Develop Regional GHG Inventory	12		40	45	97	\$ 8,735.00
Task 4: Summary of Inventory Findings	12		20	30	62	\$ 5,650.00
Project Management	0		12	0	12	\$ 1,176.00
TOTAL	36	0	112	143	291	\$26,021.00



2020 Active Work Plan

Budget: \$50,000

Current Budget Variance: \$11,015

1. Green Tips

Each member will come up with two small items to be included on the Town website, Mayor's Minute.

Tips need to be at least 100 words and information source must be provided emailed to kwarren@mntvillage.org

Budget Allocation: *Communication channels will be free.*

Time Frame	Team Member(s)	Time Spent	Date Completed
January – February	•		
March - April	•		
May – June	•		
July – August	•		
September – October	• •		
November – December	• •		

2. Greenhouse gas reporting - Municipal, Community, and Regional

Budget Allocation: *Services paid in 2020 (\$26,021)*

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January – March	<ul style="list-style-type: none"> Develop a 2020 community-wide GHG emission inventory Develop a 2020 regional GHG emission inventory 	TMV Staff and Lotus Eng.		
April-May	<ul style="list-style-type: none"> Develop a 2020 municipal GHG emission inventory 			
May-July	<ul style="list-style-type: none"> Summary of Findings 			
September – December	<ul style="list-style-type: none"> Evaluate outcomes and plan for 2022 			

3. Mountain Village Clean-Up Day

Budget Allocation: *\$1,400*

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January – March	<ul style="list-style-type: none"> ● Create a plan with an established subcommittee 	Mike Follen <i>subcommittee chair</i>		
April	<ul style="list-style-type: none"> ● Acquire permits, permission for alcohol, establish the date of the event. ● Figure out accessibility for the Plaza location. ● Have researched and chosen trash scale for events. 			
May – August	<ul style="list-style-type: none"> ● Market event ● Define measurable outcomes ● Acquire prizes and sponsors. ● Settle all equipment details. ● Prepare trash contest, and script for MC. 			
September – December	<ul style="list-style-type: none"> ● Evaluate outcomes and plan for 2021 			

Notes:

- What is the goal of this event? Is it to promote the Green Team? To coordinate with other entities' cleanup days
- Should electronics recycling be added?
- Should a multi-year plan be developed?

4. Composting Program

Budget Allocation: **\$20,000**

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January – February	<p>Individual Composters</p> <ul style="list-style-type: none"> ● Continue working with Biocompet Composter in creating a personal composter for the program. ● Continue analysis of data-tracking system for waste mitigation. ● Once more units are available reissue application. ● Develop an education plan to teach and guide recipients on how to use ● If multi-unit composter is available, develop a plan for the HOA to manage and correctly use the system. <p>Market on the Plaza Composting Program</p> <ul style="list-style-type: none"> ● Look into the logistics and operation of this program 	Patrick Berry - <i>subcommittee chair</i> Heidi Stenhammer Jonathan Greenspan Mike Follen TMV Staff		
February – May	<p>Individual Composters</p> <ul style="list-style-type: none"> ● Develop a plan for use of the final product produced from the composter <p>Market on the Plaza Composting Program</p>			

	<ul style="list-style-type: none"> Finalize steps for operating and how to utilize program. 			
May – September	Individual Composters <ul style="list-style-type: none"> Mitigate any issues Market on the Plaza Composting Program <ul style="list-style-type: none"> Facilitate program 			
September - Dec	<ul style="list-style-type: none"> Evaluate Outcome – recommendations for 2020 			

5. Voluntary Single-Use Plastics Resolution Implementation and Education

Budget Allocation: **\$3,000 (education/communication) + \$7,800 (consulting services)**

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January – March	<ul style="list-style-type: none"> Work with Upstream to develop a plan and actions Relook at data about distributors, and inventory to create a baseline. Finalize conversion from voluntary to mandatory based on state level Ordinance Vote 	Inga Johansson <i>subcommittee chair</i> Jeff Proteau Jonathan Greenspan Mike Follen TMV Staff		
April – December	<ul style="list-style-type: none"> Follow Upstreams recommendations and develop a certification process/incentive. Have business and patron toolkit and educational marketing material. Finalize alternative distributor/product list. 			
June	<ul style="list-style-type: none"> Change business licenses to have a paragraph that acknowledges the plastics ban 			
4th Quarter	<ul style="list-style-type: none"> Evaluate Outcomes - recommendations for 2021 			

6. General Green Team Communication and Education

Budget Allocation: **\$3,000**

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January – December	<ul style="list-style-type: none"> Market all Sustainability and Green Team Initiatives. 	TMV Staff		

7. Green Team Dues and Fees

Budget Allocation: **\$2,000 (CC4CA) + \$1,785 (Sneffels Energy Board Dues and Fees)**

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January-December	<ul style="list-style-type: none"> Attend CC4CA meetings and communicate developments with GT and Council. 	TMV Council and Staff		

	<ul style="list-style-type: none"> Attend Sneffels Energy Board meetings and communicate developments with GT and Council. 			
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8. Solar Rebate Initiative

Budget Allocation: **\$50,000 comes from planning budget, can allocate GT funds for third party consultants**

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January-March	<ul style="list-style-type: none"> Finalize subcommittee strategy. Build a simple application. Create a robust communication plan 	Subcommittee Chair and members		
March-September	<ul style="list-style-type: none"> Continue community outreach and education. Facilitate program and ensure exhaustion of funds. 			
October-Dec.	<ul style="list-style-type: none"> Evaluate Outcomes - recommendations for 2021 			

Projects Outside of Green Team Budget

External Budget: \$185,000

9. [Farm to Community Program](#)

Budget Allocation: **\$60,000**

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January	<ul style="list-style-type: none"> Launch 2020 application and communication plan 	TMV Staff and GT distribution volunteers		
March – June	<ul style="list-style-type: none"> Finalize program contributions, budget and contracts with farming partners Process applications and payment 			
June-September	<ul style="list-style-type: none"> Organize distribution and volunteers 			
October-December	<ul style="list-style-type: none"> Evaluate outcome 			

10. Cedar Shake Rebate Program

Budget Allocation: **\$50,000 with an additional TMVOA match of \$50,000**

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January-December	<ul style="list-style-type: none"> Work with staff to update and monitor the program 	TMV Staff		

11. Defensible Space Rebate Program

Budget Allocation: **\$25,000 with an additional TMVOA match of \$25,000**

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January-December	<ul style="list-style-type: none"> Work with staff to update and monitor the program 	TMV Staff		

12. REMP Funds allocation

Budget Allocation: ***There is no money allocated for this in the 2020 budget.***

Time Frame	Action Item	Team Member(s)	Time Spent	Date Completed
January-December	<ul style="list-style-type: none"> Work with staff to update and monitor the REMP program Utilize annual REMP funds toward energy and GHG reduction initiatives. 			

Items for Consideration

Work towards a sustainable community

- Work with staff to update and monitor REMP program
- Prepare and discuss ideas for the Environment and Sustainability of the Mountain Village Master Plan.
- Review and discuss Mountain Village's efforts to carbon neutrality.
- Zero Waste Initiatives updates regarding regional approaches to reduce, repurpose, reuse and recycle specific waste streams to increase landfill diversion.
- Regional and local compost efforts and measurable on the carbon footprint.
- Quantitative data on recycling and waste for temservice contracts.
- Eliminate the use of most newsprint and be paperless.
- Help staff find alternative mechanized equipment that is less polluting and more efficient Such as vehicles, landscape equipment, and other related items.
- Review franchise fees with SMPA and Black Hills to offset green energy projects.
- Create a credit for large hotels that create energy systems that reduce their carbon footprint
- Update building codes to 2018. Draft created by staff prior to departure

Education of Green Team

- Continue to learn and examine about waste streams, recycling, repurposing and reduction processes locally, regionally, state wide, nationally and around the world. This include zero waste and impacts on composting and emissions impact.
- Discussions about invasive weeds and eradication and pesticides used. Consider hosting class with CSU extension office or other entity for local landscapers, home gardeners, and property owners - maybe not Green Team specific but open to community
- Drought impacts and run off issues related to extreme weather events
- Colorado parks and wildlife impacts and organizations
- Forest management and the impact to our community
- Memberships with professional organizations
- Attendance to educational conferences