

Twisp Valley Grange #482: More Than a Building

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UEPP 471 Campus Sustainability Planning Studio

August 19, 2022



Twisp Valley Grange
Photo by Olivia Palmer

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EXECUTIVE SUMMARY

Problem Statement: The Twisp Valley Grange has been a part of the Methow Valley for over a century, serving as a place of connection, social gatherings, and educational events for members of the rural community. According to their mission statement, “The Twisp Valley Grange fosters a healthy community by sharing fellowship and providing a welcoming Grange Hall for gatherings, hosting family-friendly activities, and sponsoring educational events.”¹ Over time, membership at the Grange has decreased.² Now, remaining, dedicated members of the organization are working hard to maintain the building and mission of the Grange, and are seeking ways to revitalize it. These dedicated members have laid the groundwork for this report by identifying two challenges faced by the Twisp Valley Grange. The main challenge is generating energy and membership to support engaging, mission-driven events. A secondary challenge is generating resources to support building renovations and enhancements. Through this report, we aim to provide recommendations for initial steps the organization can take to address both of these challenges.

Description of Project: The primary goal of this project is to provide recommendations for the long-term success of the Grange as a community institution and building, driven by input from our sponsor and members of the Grange. We also looked to community voices and outside examples of successful granges for context and perspective. This report relies on research, stakeholder interviews, and benchmarking to inform recommendations. Stakeholder interviews provide insight into perceived challenges and opportunities for the Grange, expressed by a wide range of community members. Benchmarking provides examples of programming, fundraising, and communication tactics at other grange organizations that the Twisp Valley Grange could adopt.

Summary of Recommendations: Our recommendations are divided into two categories - community recommendations and facilities recommendations.

Our community recommendations are:

1. A communication plan including
 - a. A website revamp
 - b. The development of an outreach and engagement subcommittee
2. A calendar of events and a list of potential community partners to reach out to help facilitate these events

Community recommendations are our primary focus in this report. Facilities recommendations are suggestions for pre-existing conversations about building updates, including:

1. Using a budget and table of information to make an informed decision about a heat pump for the Grange and identifying additional priorities
2. Applying for additional grants
3. Identifying a network of partners to oversee the building, if used as a heat/smoke refuge

¹ Mary Jane Perry, project description

² Mary Jane Perry, project description

INTRODUCTION

Statement of Need: The Twisp Valley Grange has existed as a community organization in the Methow Valley since 1911.³ Now, the institution's few remaining dedicated members are seeking new ways to revitalize the Grange as a community and a building.

Historically, granges have served and advocated for rural and agricultural communities. The Twisp Valley Grange is the last remaining grange of 13 that once existed in the Methow Valley.⁴ In the early 2000s, when the Grange faced the possibility of shutting down, members of the community rallied together to save the space.⁵ Now, the organization has about eight members who attend monthly meetings and 21 members who pay dues,⁶ the majority of whom are older adults. The annual membership fee for the Grange is \$50, 95% of which goes to the Washington State Grange.⁷ While Grange membership has managed to keep the building running, it has struggled to maintain the community events that were once signature to the organization, especially in the context of the COVID-19 pandemic, which has presented many barriers to social gatherings and connection. Grange members have expressed concern that the public perception of the Grange has shifted from an active community organization to simply a building. At this point in the time, the Grange is used mostly for rentals, although COVID-19 has had a significant impact on rentals.



*Post card of a parade float in Twisp. The float is the Bear Creek Grange no. 479 pulled by a six-up of gray horses. Note in the back the Twisp Department Store. Catalog #2003.001.213
Courtesy of Shafer Historical Museum*

³ Mary Jane Perry, project description

⁴ Mary Jane Perry, project description

⁵ Mary Jane Perry, project description; Judy Brezina, interview, July 20, 2022

⁶ Mary Jane Perry, personal communication, August 3, 2022

⁷ Mary Jane Perry, personal communication, August 3, 2022

OKANOGAN COUNTY				
<u>No.</u>	<u>Name</u>	<u>Town/City</u>	<u>Organized</u>	<u>Closed</u>
422	Cherokee	Omak	8/26/10	1917
423	Reneas Lake	Tonasket	8/27/10	1922
424	Pogue Prairie	Riverside	9/2/10	1929
427	Scotch Creek	Riverside	9/9/10	1915
428	Independent	Okanogan	9/14/10	1923
431	Pine Creek	Tonasket	9/19/10	1914
433	Snyarep	Snyarep	9/28/10	1912
435	Wauconda		10/29/10	6/20/14
		reorganized	6/29/15	12/31/17
		reorganized	12/10/40	6/1949
436	Knob Hill	Chesaw	11/2/10	3/31/73
437	Chesaw	Chesaw	11/9/10	1912
		reorganized	4/14/14	1916
438	Lone Star	Molson	11/14/10	1911
440	Kipling	Molson	12/7/10	1917
		reorganized	6/12/20	1923
441	Wannicut	Wannicut	12/9/10	1913
442	Ellemeham	Oroville	12/3/10	1924
443	Havillah	Havillah	12/8/10	1911
444	Bonaparte	Anglin	12/10/10	1926
450	Paradise	Brewster	2/2/11	1918
451	Molson	Molson	1/21/11	1913
453	North Star	Brewster	2/23/11	1916
454	Park	Malott	2/24/11	1923
455	Pipestone	Twisp	3/3/11	1922
479	Bear Creek	Winthrop	9/18/11	12/31/13
		reorganized	5/1/15	
	combined with 716	reorganized	4/13/18	1922
480	Rock-Creek View	Winthrop	9/21/11	1917
481	Lakeview	Winthrop	9/26/11	1913
482	Twisp Valley	Twisp	9/27/11	6/30/15
		reorganized	11/1919	
498	Pateros	Pateros	2/3/12	1912
507	Horse Spring Coulee	Loomis	3/9/12	1923

Okanogan County listing of Granges - number, name, town/city, organized, closed. Catalog #2018.062.009

Courtesy of Shafer Historical Museum

At a retreat last May, eleven Grange members came together to discuss the future of the organization. From this brainstorming session emerged two clear needs: a need to increase community outreach and awareness, and a need to prioritize and fund projects for the building and grounds. Grange members noted the older demographics of membership, and the need to increase intergenerational membership. They described their current situation as a “chicken and egg” predicament: they need events and community partnerships to draw in more members, but they also need more members to help them organize those events and partnerships.

Project Goals: We have two main goals for this project:

1. Address community outreach at the Grange through recommendations aimed at increasing intergenerational membership. These recommendations include:
 - Creating a communication plan that will help the Grange convey itself as an enduring institution for community vitality - not just a building
 - Identifying a list of engaging event ideas and a network of potential local partners to help facilitate those events
2. Address facilities and operational sustainability through recommendations aimed at expanding opportunities for the Grange building. These recommendations include:
 - Creating a list of priorities for building updates, specifically a heat pump
 - Identifying a list of grants to support building updates
 - Identifying a list of community partners to help manage the building, should it be used for heat or clean air refuge

Background Research: The National Grange, known formally as the Order of Patrons of Husbandry, was founded in 1867 in Washington D.C.⁸ Thanks to land laws like the 1850 Donation Land Act and 1862 Homestead Act, and the creation of railroads that connected farms to wider areas, American agriculture was expanding rapidly in the wake of the Civil War.⁹ From 1860 to 1900 alone, the number of farms in the United States more than doubled, jumping from 2 million to 5.7 million.¹⁰ Within the context of this growing agricultural trend, Oliver H. Kelley founded the National Grange with the hope of building an order for members of the farming

community, borrowing some elements of the grange's organizational structure from Freemasonry.¹¹ Granges have historically had a progressive focus, advocating for suffrage, direct legislation, and public utilities, and also admitting women as full members.¹² Today, the National Grange remains a prominent nonprofit, nonpartisan organization committed to supporting rural communities, with the mission to strengthen "individuals, families, and communities through grassroots action, service, education, advocacy, and agriculture awareness."¹³



D E Heckendorn, red/white/blue ribbon with metal pin at top and circular metal medallion Patrons of Husbandry; Printing on blue ribbon says "Lakeview Grange # 481, Twisp, Wash. Catalog #2018.045.052

Photo courtesy of Shafer Historical Museum



*Photo of Patrons of Husbandry seal at Twisp Valley Grange
Photo by Olivia Palmer*

⁸ "About Us," National Grange, 2019

⁹ Taylor, 2013

¹⁰ Taylor, 2013

¹¹ Taylor, 2013

¹² Taylor, 2013

¹³ "Mission and Vision," National Grange, 2019

SUBORDINATE SUMMARY REPORT BLANK

1963 COMMUNITY SERVICE CONTEST

(Prepare in DUPLICATE -- Original to become first page of your Report and should be mailed to your STATE MASTER on or before September 1, 1963 The second copy is for your files.)

Name of Grange Methow Number 1142
County Okanogan State Wash.
Pomona District #53

Total Grange membership 61. Of these 43 members, or 72 %, took an active part in one or more projects. In addition 12 non-members helped with the project(s).
(number)

Did your Grange observe "COMMUNITY SERVICE DAY?" YES _____; No No.

Did your Grange participate in a Pomona Community Service Project in cooperation with other Granges of the Pomona District? YES Yes; NO _____.

Has your Grange made studies and developed plans for the future development of your community over a period of several years? YES yes; No _____.

Have you tried to interest other organizations in the community in working with the Grange for planned community development and community improvement? YES yes; NO _____.

Name the project(s) in the order they appear in your report and describe each one briefly.

Use an additional page, if needed, and attach it to this sheet.

1. Aunt Mabel's Paint Class - 798 hours - 540 miles -
2. Money Management Classes - 21 hours - 25 miles - benefitted about 30 people
3. Grange First Aid Service - 26 hours - having equipment adds to peace of mind of all the community.
4. Roadside Park - 41 hours - main benefit to tourists
5. County Fair - 210 hours - 2700 miles - advertises agriculture to urbanites.
6. Pine Hall - 48 hours - adds to peace of mind of all community.
7. Community Garden Triangle - 259 hrs. - improves community appearance
8. Smorgasbord - 200 hrs. - reasonably priced annual community get-together
9. Community Hall upkeep - provides neat meeting place for community functions.

(PLEASE COMPLETE REVERSE SIDE)

Methow Grange #1142, Community Service Report, 1963. Listing of service projects, number of hours worked, project descriptions, Catalog #2018.055.011
Photo courtesy of Shafer Historical Museum

The Grange has four levels: community, county/district, state, and national.¹⁴ Much like the National Grange, subordinate granges are nonprofit and nonpartisan. The Washington State Grange is self-described as “dedicated to improving the quality of life of Washington's residents through the spirit of community service and legislative action.”¹⁵ According to its website, the Washington State Grange’s policies support the following views:¹⁶

- The family farm as the basic unit of agricultural production in America.
- Locally controlled land use planning to ensure the preservation of productive agricultural lands.
- Multiple use concepts in forest management.
- Full legislative funding of basic education as presently defined.
- Publicly controlled utilities such as public utility districts and rural electric cooperatives.
- Protection of private property and water rights.
- Strict enforcement of laws against drunk driving.
- Taxing farmland based on its current use.
- Accessible and affordable health care.

Washington Territory’s first grange, Waitsburg Grange #1, was founded in 1873 in what was then Walla Walla County.¹⁷ The Washington State Grange was founded in 1889.¹⁸ At its peak, Washington State was home to 490 subordinate granges,¹⁹ and the Methow Valley had 13 granges in total.²⁰ Now, the Twisp Valley Grange is the Valley’s last remaining grange.²¹

¹⁴ “About Us,” National Grange, 2019

¹⁵ “The Washington State Grange,” n.d.

¹⁶ “About us: Wa State Grange,” n.d.

¹⁷ Taylor, 2013

¹⁸ “The Washington State Grange,” n.d.

¹⁹ Taylor, 2013

²⁰ Mary Jane Perry, project description

²¹ Mary Jane Perry, project description

Connection to U.N. Sustainable Development Goals: In September of 2015, UN world leaders adopted a framework aimed at addressing targeted sustainability goals by 2030, titled, *Transforming Our World: The 2030 Agenda for Sustainable Development*.²² This agenda includes 17 sustainability development goals, as shown in the image below:



United Nations Sustainable Development Goals
United Nations, n.d.

While our work with the Twisp Valley Grange is local, it connects to bigger picture ideas outlined in the U.N. Sustainable Development Goals. Specifically, the Grange’s roots of supporting farmers, creating community, and investing in educational opportunities like “how-to” classes and skills workshops relate to U.N. sustainability goals surrounding zero hunger, good health and wellbeing, and quality education, respectively. The zero hunger goal encompasses food security and sustainable agriculture; the health and wellbeing goal encompasses health and wellbeing for all ages; the quality education goal encompasses lifelong learning opportunities. The Grange’s involvement with general suffrage and longstanding acceptance of women as full and equal members also connects to the sustainable development goal of gender equality.

²² SDSN Australia/Pacific, 2017

METHODOLOGY

The primary method we used to inform the recommendations in this report was stakeholder interviews. Because we recognize that we may have different perspectives from Grange members on some ideas, we felt it was important to lead with community voices. A core value of the Grange is community, and we believe that interviews were the best way to engage community perspectives and generate ideas for our project. We also used these interviews to help inform recommendations for furthering the sustainability of the Grange building.

To establish a clear community perspective, we held six different stakeholder interviews. Our professor, and a new member of the Grange, Joshua Porter, was able to give us contact information for these interviews. Three of the interviews - with Judy Brezina, Kasey Gibb, and Miles Griffin - were aimed at helping us form recommendations for community engagement. Each community member gave a unique perspective on the Twisp Valley Grange, and each of them was asked different questions based on their different experiences and roles in the community. Our full list of questions for each interview can be found in the appendix.

Judy Brezina was our first interview. We chose her because she has been a long-time member of the Grange and has helped save it in the past. We then interviewed Kasey Gibb. We chose her because she is one of the younger, newer grange members. Finally, we interviewed Miles Griffin, a local farmer who has expressed interest in participating in the Grange. Granges historically have strong ties to farmers, and most want to engage with young farmers. Relevant questions from each interview include:

- How long have you been a member of the Twisp Valley Grange?
- Why did you join the Grange? What are the member benefits?
- What do you think are the Grange's biggest needs/barriers to increasing membership?
- What are your hopes for the future use of the Grange?
- What do you think are some of the biggest needs of the young farming community in the Methow Valley? In what ways could the Grange address those needs?
- What ideas do you have for events/projects you want to see happening at the Grange?

The other three stakeholder interviews we held were aimed at informing recommendations for a building retrofit. These interviews included Dwight Filer, Kristi Skanderup, and Liz Walker. The full list of questions from these interviews can be found in the appendix.

We decided to interview Dwight Filer because he is a Grange member with local knowledge of contractors. We then interviewed Kristi Skanderup, who plays an active role with Resilient Methow and the Methow Valley Climate Action Plan Implementation Hub. We chose her because she could provide perspective on how the Methow Valley Community Center leveraged the Methow Valley Climate Action Plan goals for grant funding, and how the Grange might do the same. Lastly, we interviewed Liz Walker. Liz Walker is the director of Clean Air Methow. We chose to interview her so we could understand how best to make the Grange a clean air refuge. Relevant questions from each interview include:

- What would you like to see updated in the Grange building to make it a cleaner air space?
- How is the community center approaching an energy/clean air audit?

- What do you already know about the needs and opportunities at the Grange?
- What contacts do you have for the clean air/energy audit and contractors?

We knew each person we interviewed would bring in a unique point of view, which is why everyone was asked different questions. We also allowed time in the interview for questions and conversation to naturally arise. Each person had their own story to tell. After the interviews, we sent follow-up emails to include room for any further questions or information they thought we needed to know.

Our other method for informing recommendations was benchmarking. This was mainly for the community portion of the project. We chose to benchmark because we knew other granges could supply examples of community engagement that the Twisp Valley Grange may be able to replicate. We contacted nine different granges based on information we found online, with a focus on granges that are currently successful or have recently been revitalized. We were able to contact eight of these granges by email, and the other was contacted through Facebook. Out of the nine granges, five responded. We also supplemented some of the information from their websites and social media.

The five granges that responded were the Manson Grange, San Juan Island Grange, Whallonsburg Grange, Marys River Grange, and the Liganore Grange. We contacted the Liganore Grange on Facebook. Their websites are located in the Recommendation Grange Network table.



San Juan Island Grange
San Juan Island Grange #966
<https://sanjuangranger.org/>



Marys River Grange
Marys River Grange Hall
<https://www.facebook.com/marysrivergrange/>



Manson Grange
Manson Grange #796
<https://www.mansongrange.com/events>



Liganore Grange
Liganore Grange #410
<https://www.facebook.com/Liganore410/>



Whallonsburg Grange
The Whallonsburg Grange
<https://www.thegrangehall.info/about-the-grange>

The criteria we used to benchmark the other granges are as follows:

How many members do they have?	
How many young members (18-50) do they have?	
Do they have a Junior Grange?	
How many events are held on average a month?	
What are the most notable events?	
What are the key fundraisers?	
What kinds of social media do they use?	
Do they have an email list or a newsletter?	

We also have used online research to flesh out any questions we may have, and have reviewed information about building updates provided by Dwight Filer and our sponsor, Mary Jane Perry. Joshua Porter was also able to give us insight into the Grange and give recommendations for events, contacts, and building updates. In addition, we reviewed the United Nations Sustainable Development Goals to provide a global perspective for our project goals.

RESULTS

Community Sustainability

Background: May Retreat Notes

As mentioned, 11 Twisp Valley Grange members joined together in May for a retreat to brainstorm challenges, opportunities, and priorities for the Grange. These notes provided invaluable insight and a strong basis for the direction of our conversations during stakeholder interviews.

Challenges

The main challenge identified by retreat attendees was dwindling membership. Attendees particularly noted that its remaining dedicated members are all of an older age demographic, and at capacity when it comes to maintaining the building and putting on events. Attendees identified the following challenges in relation to membership:

- Lack of community awareness and visibility, and the perception of the Grange as “just a building”
- Not having a clear reason to join the Grange/competition with other Methow Valley activities and organizations
- Lack of younger member recruitment
- A general disconnect from the community due to the COVID-19 pandemic

Opportunities

Retreat attendees identified the following opportunities for the Grange:

- Using the Grange’s roots to bring people with similar interests and values together
- Creating new momentum to put on accessible, affordable events for the community
- Broadening the Grange’s already substantial email list at every event
- Taking advantage of people’s desire to come together after COVID-19 lockdowns

Ideas

Grange members came up with the following ideas for putting the opportunities discussed into practice:

- Classes/lessons: canning, irrigation lecture, how to stack wood, pest control for organic fruit trees, etc.
- Storytelling: partnering with Twisp Library’s “My Story” events, open mic nights, etc.
- Dinners: potlucks, food-themed dinners, farmers’ dinners
- Dances
- Family oriented events: Room One/ILC game night, kids’ carnival, free Santa breakfast, childcare date night w/ babysitters from ILC
- Movie nights

Stakeholder Interviews

To expand on our learning from the retreat notes and better understand the needs and opportunities of the Grange as a community, we spoke with three different stakeholders: Judy Brezina, Kasey Gibb, and Miles Griffin. Judy Brezina is an active Grange member who has been involved with the organization for about 20 years.²³ From her, we gained the perspective of a longer-term member who has helped keep the Grange alive and has watched it change over the years.

Kasey Gibb has been a member of the Twisp Valley Grange since she moved with her husband and school-age children to Twisp three years ago.²⁴ She and her husband have been involved in Grange meetings and events, and she also uses the Grange's commercial kitchen to bake sourdough bread.²⁵ Together with her husband, she is starting a farm and expanding her sourdough bread business into Twisp River Grain & Mill.²⁶ From her, we gained the perspective of a younger, newer Grange member involved in both starting a business and raising a family.

Miles Griffin has lived in the Methow Valley for about six years. He runs Posterity Farms with his wife in Twisp and is actively involved in the Washington Young Farmers Coalition.²⁷ While Miles is not a member of the Twisp Valley Grange, he has attended a few events at the Grange and has ideas for how the Grange could better serve young farmers in the community. Our professor, Joshua Porter, who is a new member of the Grange and attended the retreat, referred us to Miles after having a conversation with him.

From our stakeholder interviews, we distilled a few common points:

1. *Maintaining the Twisp Valley Grange's historic identity*

One sentiment we heard expressed by multiple stakeholders was an appreciation for the historic roots of the Grange as a gathering space for a rural, agricultural community. Stakeholders expressed a desire to bring new people into the Grange community without losing the vision that has historically driven the Grange.

2. *Helping the community see the Grange as more than just a building*

Another sentiment expressed by multiple stakeholders was that members of the community would be more likely to join the Grange if they knew what the Grange does as an organization and understood how membership benefits them. As membership at the Grange has dwindled, a greater proportion of the events have taken place through rentals, creating a perception of the Grange as a building rather than a community organization.

There are three main approaches stakeholders identified for increasing membership and community involvement at the Grange:

²³ Judy Brezina, interview, July 20, 2022

²⁴ Kasey Gibb, interview, July 21, 2022

²⁵ Kasey Gibb, interview, July 21, 2022

²⁶ Kasey Gibb, interview, July 21, 2022

²⁷ Miles Griffin, interview, August 3, 2022

- Stakeholders generally agreed that holding more Grange-sponsored events could help establish the Grange as a community organization. Successful past events and ideas for future events included:
 - Pancake breakfast
 - Santa event for families with children
 - Community dances
 - Community music events
 - Easter egg hunts
 - A winter potluck dinner series, featuring different speakers from the farming community
 - Board game nights
 - Foodie Tuesdays (each Tuesday in the winter, hold a class to learn how to make things like pie crust, scones, salsa, etc.)
 - Other educational workshops (ex. A workshop on soil health)
 - A seed exchange
 - A buyers/growers event for farmers and community members to meet and exchange products

- Stakeholders agreed that the Grange could capitalize on the amenities of its physical building, particularly the commercial kitchen, which can serve as a strong asset to farmers, small-business owners, and groups interested in making food together (for example, a 4-H club making jam)



The Grange kitchen offers opportunities for small business owners and community cooking events
Photo by Olivia Palmer



The upstairs hall space at the Grange offers opportunities for dances and other social gatherings
Photo by Olivia Palmer

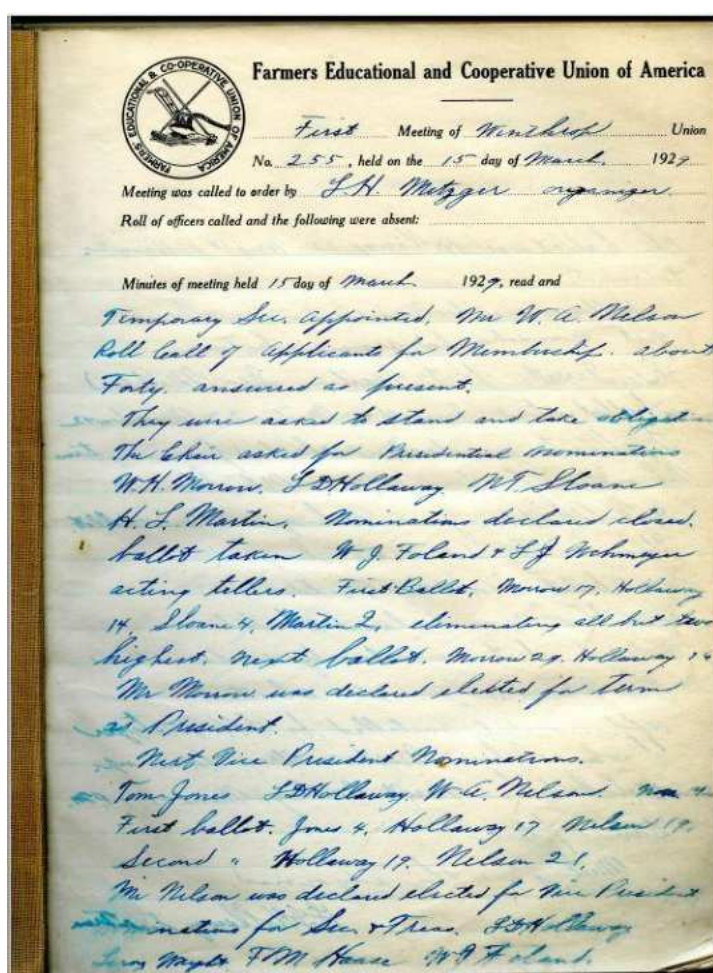
- Clearly identifying and communicating benefits of Grange membership could also bring in more members. Currently, the only benefit of paying the Grange's \$50 annual membership dues is discounted use of the building.²⁸ Nonprofits also get a 50% discount

²⁸ Mary Jane Perry, personal communication, August 3, 2022

for rentals. Kasey had the idea to find other ways to incentivize membership as well, for example partnering with local businesses to give Grange members a once-weekly or once-monthly discount.²⁹ This idea could encourage people to shop locally, and also provide a more tangible reason for people to want to join the Grange.

3. Incorporating the young farming community into Grange programming

As individuals with agricultural backgrounds, both Kasey and Miles described the potential they saw for the Grange to support and include young farmers, particularly in an area like the Methow Valley where so many young farmers live and work. This focus would help bring in younger members and maintain the agricultural aspect of the Grange's identity.



Meeting notes of Winthrop Grange 1029. Also "Farmers Educational and Cooperative Union of America", Winthrop, #255. Catalog #2018.055.009
Photo courtesy of Shafer Historical Museum

Miles conceptualized events into two different categories: social events and technical events.³⁰ Social events would include things like dances and game nights, and could serve a mental health need in the farming and wider community, while technical events would be more focused on skills and education. Miles said as a young farmer, one of the biggest needs he sees in the agricultural community is opportunities for farmers to learn more about improving their business savviness and staying financially buoyant.³¹

Some ideas for technical/educational events that came up in our interviews were:

- Community potluck dinners for farmers/gardeners to meet and discuss a topic
- A workshop on how to use QuickBooks/business management skills
- A buyer/grower meeting
- Seed exchanges
- A community farmer's market for Grange members to share/sell produce from their gardens
- Miles specifically recalled an event from a few years ago where the Grange brought in a UW soil scientist to lead a workshop on soil

²⁹ Kasey Gibb, interview, July 21, 2022

³⁰ Miles Griffin, interview, August 3, 2022

³¹ Miles Griffin, interview, August 3, 2022

Because farmers are usually busiest from June-October, it was recommended that more intensive, education-focused workshops be saved for November-April or May.³² Another point that came up in our interviews was that, although a big part of the Grange's identity lies in agriculture, part of supporting farmers is also including non-farmers in community programming.³³ Having events with broad appeal or applicability to beginners could help farmers and non-farmers meet, and create an environment that fosters valuable connections among many different members of the community.

4. Being open to new ideas

A final idea expressed in multiple interviews was that the Grange should adopt an attitude of saying "yes" to opportunities and ideas that fit its identity and core goals. Part of knowing what to say "yes" to is clearly identifying what the Grange's core goals are. If the Grange's goal is to increase membership and participation, it could benefit from welcoming a range of ideas from community members.

Benchmarking

Through benchmarking we were able to find that many other granges are facing similar challenges. The Manson and Linganore Granges expressed interest in hearing what our ideas were for revitalizing the Twisp Valley Grange. It is important to note that every community has a different situation; some granges are afforded different opportunities due to location, community size, and membership. Ultimately, benchmarking helped us envision different events and fundraisers that could be integrated into the Twisp Valley Grange's plans. The appendix contains our benchmarking table with all the raw data. Here we will highlight some of the more important results by walking through the criteria used for benchmarking.

Membership

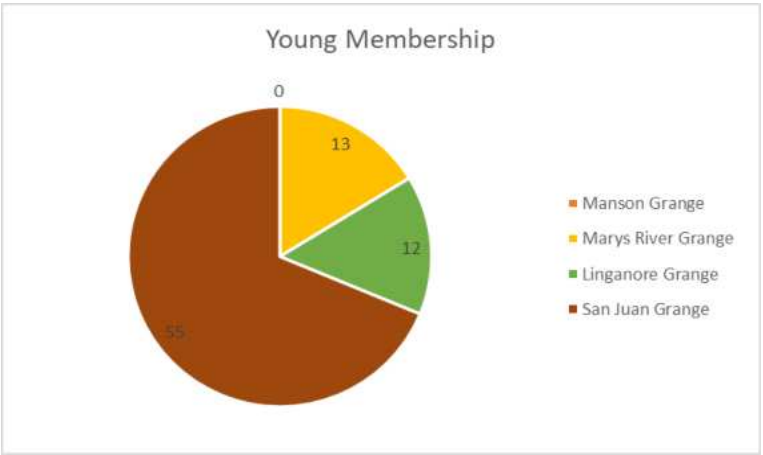
Membership ranged across the board, but all of the granges had above at least 50 members. The exception would be the Whallonsburg Grange, which does not have a typical membership. While the organization pays dues to the National Grange to honor the Grange roots, no membership is required. Instead, they have a board and various committees that meet and help run the events. Community members helped save it with the intention of turning the hall into a community space.

Young Membership

Each grange has a similar struggle in engaging young people.

³² Miles Griffin, interview, August 3, 2022

³³ MileGriffin, interview, August 3, 2022



Junior Grange

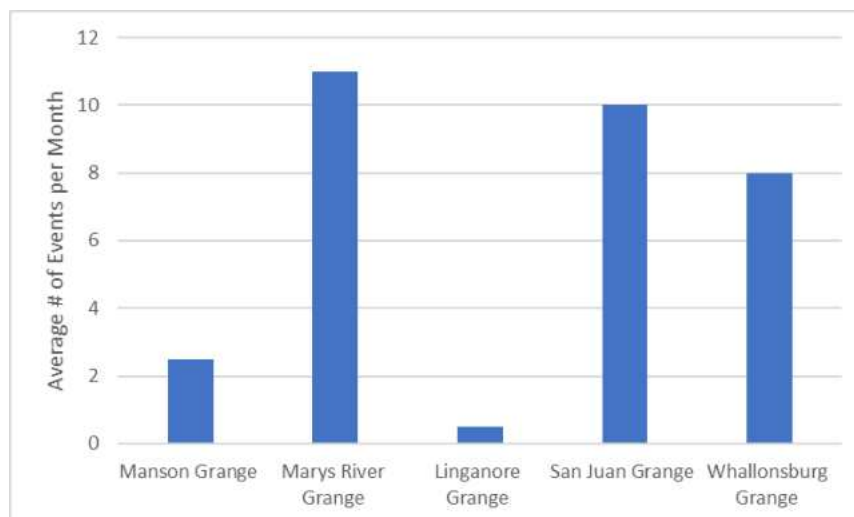
None of the granges have an active Junior Grange, though Marys River Grange has junior activities. The Twisp Valley Grange used to have a Junior Grange that ended in 1976.

Average Events Each Month

This average number of monthly events also greatly varied between the granges. The Linganore Grange is rather small, so they do not hold many events. The Manson Grange has recently started to revitalize itself in the last year, so they hold about two to three events a month. The Whallonsburg Grange only does events during the fall, winter, and spring so volunteers can focus on other projects during the summer. They put on about 8 events per month. The San Juan Island Grange has six community groups that use its hall and combined they do about 10 events per month. The Marys River Grange does on average 10 to 12 events a month.



Old Twisp Valley Junior Grange materials
Photo by Zoe Kaltenbach



Kinds of Events

Each Grange was able to provide a small list of their notable events. Music seems to be a popular event at the Grange, whether it involves lessons, listening, or dance. Based on our interviews, this seems to be the case at the Twisp Valley Grange as well. The Marys River Grange has a Nature Detectives program to engage younger people. The Linganore Grange has the ‘Old Farmer’s Group’ dinners that meet four times a year, similar to a suggestion from a community member here. The Manson Grange has a Bloody Mary contest twice a year where people can taste test and then vote for the best Bloody Mary. The Manson Grange holds the local farmer’s market in their parking lot. The Manson Grange also mentioned they would soon be doing a membership drive, where they advocated for people to join through the farmer’s market, the radio, and by placing flyers around town. The San Juan Island Grange has a booth at their local farmer’s market where they sell products from their grangers.



Music event at Marys River Grange
Marys River Grange Hall
<https://www.facebook.com/marysrivergrange/>



Bloody Mary contest
Manson Grange #796
<https://www.mansongrange.com/events>

Key Fundraisers

The Marys River Grange and the Linganore Grange have more traditional fundraisers including rummage sales, food sales, and dinners. The Manson Grange primarily fundraises through a rental committee that rents out the hall space for a reasonable price. The Whallonsburg Grange

sends out appeal letters in the Spring and Fall. The San Juan Island Grange is mainly funded through private donations that are funneled through the San Juan Island Community Foundation.

Manson Grange	Facebook	Last post 8/11/22	# of followers: 153
Mary's River Grange	Facebook	Last post 8/9/22	# of followers: 442
Linganore Grange	Facebook	Last post 8/1/22	# of followers: 380
San Juan Grange	Facebook	Last post 8/6/22	# of followers: 808
Whallonsburg Grange	Facebook	Last post 8/12/22	# of followers: 1,607

Social Media

One of the best ways to engage people on social media is to consistently post, which all granges represent doing. All of the granges have a Facebook page. We included the number of followers each grange has, but it is important to note each grange has varying town populations. It is also impossible to tell how many people they reach regardless of the amount of followers they have. Only Linganore has an Instagram; however, they have not yet posted there. Instagram is relatively well known to be more engaging for young adults rather than Facebook.

Building Sustainability



Gathering scrap from World War II
 Picture of Methow Valley folks gathering scrap metal for WWII. Written on the back " Scrap iron gathered by Twisp Valley Grangers. One car, 35 tons, was loaded 3 weeks ago. At this time another carload is being hauled to Pateros Proceeds Mill to be invested in Government bonds. Catalog #2004.004.020

Photo Courtesy of Shafer Historical Museum

Stakeholder Interviews

To learn more about the necessary next steps to begin updating the Grange building, we conducted interviews with Liz Walker, Kristi Skanderup, and Dwight Filer. We also had extensive conversations about the building retrofit possibilities and timeline with our project sponsor Mary Jane Perry. It is important to note that our research and interviews provided learning that somewhat paralleled the learning and actions of Dwight and Mary Jane. They are working to choose a heat pump and air ventilation system based on quotes obtained from Cascade Mechanical from Chelan and Fisher Refrigeration, a local company.

Liz Walker is the director of the Clean Air Methow initiative, and Kristi Skanderup is part of the Implementation Hub through the Resilient Methow initiative and is doing a consultation with the Methow Valley Community Center on their clean air retrofit. Liz and Kristi both expressed that they believe communication and coordination are possible between the Grange and the Community Center. Of course, there is also the chance that the two clean air efforts happening at the same time could create competition. Both Liz and Kristi believe that that can be avoided. There is an opportunity for leveraging resources and learning from each other through the process.

To start this networking between the two projects, Mary Jane met with Kristi Skanderup to compare notes on grants and process. Mary Jane also met with Kirsten Ostlie who is working on

the Community Center and she offered to help them with technical grants. Mary Jane is also hoping to continue communication with Liz Walker regarding the clean air refuge side of things. Continuing communication between the two projects will be the key to collaboration. The Grange is a smaller and less complex building than the Community Center so it will be easier to retrofit and will also most likely take less time, so it could be done first and could provide insight into the process for the Community Center.

Dwight Filer, a Grange member with a background in plumbing and other contracting work, was very helpful in understanding the options for the ductless heat pump and the pros and cons of each option. We were in communication about potential rebates through the Bonneville Power Administration (BPA) and the Public Utility District (PUD) and what the qualifications were for each unit. In combination with the information we were given by our project sponsor, Mary Jane, we were able to create a comparison table for the heat pump options. Mary Jane gave us a tour of the Grange and helped us understand the current specifications of the building's furnaces, air conditioning/ventilation (of which there is none), water heaters, kitchen, etc. With this information, we were able to understand where the starting line for the building sustainability retrofit is.

Mary Jane Perry and Dwight Filer, along with Mary Koltz, another Grange member involved in the building retrofit, also met with Tom Jones and Murray Taylor from the Resilient Methow Implementation Hub to talk about energy retrofit grants for the Grange.

KEY TAKEAWAYS - Possible steps

Opportunities for a Heat and Clean Air Refuge

Based on our conversations with stakeholders, it became clear that one priority for the Grange is to make the necessary building updates to become a heat and clean air refuge for the community. This is particularly important given the heatwaves and wildfire smoke that have impacted the Methow Valley over the last several years during the summer months. As mentioned above, the process for creating a clean air refuge at the Grange could mirror a similar process taking place at the Methow Valley Community Center. After talking to Mary Jane and Dwight, we also planned to look into standards for clean air refuges so that the Grange can compare their retrofit to other clean air centers. What we found is that clean air refuges are a new innovation, so there aren't standards in place for what constitutes one. An example we looked to as a local standard was the Winthrop Public Library. The Winthrop Library installed an Energy Recovery Ventilator³⁴ to condition the air in the summer and heat it in the winter, as well as to continuously clean and filter the air.³⁵ It is important to note that the Library was built to be a clean air refuge from the ground up while the Grange is a significantly older building and therefore the process for creating a clean air refuge will be very different.

Mary Jane informed us that one of the biggest barriers to moving forward with this retrofit process, aside from the need for additional funding, is the need for people to oversee the building if it is used as a place of refuge during periods of extreme heat and wildfire smoke. If the Grange

³⁴ Friends of the Winthrop Public Library. Project Progress. <https://www.winthroplibraryfriends.org/project-progress>

³⁵ ScienceDirect. Energy Recovery Ventilator. <https://www.sciencedirect.com/topics/engineering/energy-recovery-ventilator>

were to open its doors to the public in this way, it would need someone available to supervise at all times. At this point, current Grange membership on its own could not meet this demand.

Heat Pump and Future Priorities

In conversation with Mary Jane and Dwight, we learned about some of the renovations they have discussed for the Grange building and their initial thoughts on how to prioritize projects. The first priority is applying for grants, because in order to move forward with any of the Grange's renovation priorities, the Grange first needs the funding to do so. Assuming the Grange can secure funding, this is its list of priorities we identified during our interviews, in order:

1. Installing a heat pump and air filtration system

A heat pump and air filtration system would help to more efficiently regulate the temperature of the Grange building and keep air circulating.³⁶ Both of these systems tie directly to the Grange's desire to become a heat and clean air refuge. Installing a heat pump would also likely significantly reduce utility costs.

2. Addressing safety concerns at emergency exit

The steps leading out from the upstairs of the Grange to the backyard are steep and are getting quite rickety. As an emergency exit point, these stairs need to be able to handle a large number of people going down them at once. Mary Jane placed this update as the Grange's second priority because it will take time to order and install a heat pump and air purification system; in the meantime, the Grange will need to have a safe emergency exit if it wishes to become a place of refuge.

3. Adding exterior insulation

Updating insulation could help keep heat and cold air from being lost through the building's walls. The building's exterior is cinder block, and on the inside, we are uncertain if there is any insulation and if so what kind. Mary Jane and Dwight explained that from their research they found that adding insulation on the outside of the building will make more sense than on the inside because it would be a simpler, more efficient process. Insulation will need to be added on the outside and then a new exterior will be added on top of that. Mary Jane and Dwight explained that they need additional information on which exteriors would protect the building at the "dew point" so that mold doesn't grow on the cinder blocks.³⁷

4. Exploring possibilities for kitchen upgrades

One of the two gas stoves is out of order which means it is ripe for an upgrade. Mary Jane expressed interest in retrofitting the kitchen to be a "green" kitchen which would include an electric stove. We learned that the current working stove is working just fine and is sufficient for current needs.

³⁶ Mary Jane Perry, personal communication, August 4th, 2022

³⁷ Mary Jane Perry, personal communication, August 4th, 2022



*Recent picture of the two gas stoves in the Grange commercial kitchen
Photo by Olivia Palmer*

5. Upgrading water heaters

The Grange currently has two 50-gallon electric water heaters, one for the basement kitchen and one for the restroom upstairs.³⁸ Water heaters keep the volume of the tank hot at all times, which means they are constantly using energy and they aren't very efficient.

Heat Pump Comparison Table

In conversation with Mary Jane and Dwight, we decided to focus on setting up a table to compare the different possible heat pumps for the Grange. This list is not exhaustive and is meant to be a living document for the Grange members to add to as they acquire more information. Based on our stakeholder interviews there is also the possibility to purchase and install a heat pump for the upstairs in the near future and wait to put one in the downstairs until funds are available/more rebates and grants are found.

All information is based on quotes from Cascade Mechanical and Fisher Refrigeration and other resources provided by Mary Jane,³⁹ as well as personal research on manufacturer and retailer websites to fill in the blanks.⁴⁰

³⁸ Mary Jane Perry, personal communication, August 4th, 2022

³⁹ Mary Jane Perry, personal communication: 3 Cascade Mechanical Quotes, 1 Fisher Refrigeration Quote, email chain with Dwight Filer, Mike Stenberg of Cascade Mechanical, and Kim Johnson of the PUD, Mary Jane's briefing document for July 25th Grange Meeting: Proposal for the Twisp Valley Grange to become a Cooling and Clean-Air Center, and Trane CleanEffects specifications document

⁴⁰ Okanogan County PUD. Commercial Programs. <https://www.okanoganpud.org/energy-services/commercial-programs>

Shearer Supply. 5Ton, 14 SEER, Silver Series Heat Pump Condenser - American Standard® 4A6H4060G1000A.

<https://www.shearersupply.com/2533568/p/n/american-standard-reg-4a6h4060g1000a>

The Granite Group. MSZ-GL18NA-U1 Mitsubishi 18,000 BTU Wall Mounted Indoor Unit.

<https://store.thegranitegroup.com/product/mitmszgl18nau1>

Type of ductless heat pump Model #	Lower level Mitsubishi cold climate “hyper heat” multi-zone ductless heat pump MXZSM36 NAMHZ-U1	Upper floor Mitsubishi cold climate “hyper heat” multi-zone ductless heat pump MXZ8C48 NAHZ2-U1	American Standard Platinum 20	American Standard Platinum 19 Low Profile	American Standard Platinum 18	American Standard AHP 4A6H4060 G1000A
Indoor units that could be installed with the heat pump	MSZGL18 NA-U1	MSZGL24 NA-U1	Research possibilities	Research possibilities	Research possibilities	AAH AMSTEM 4A0C60S5 1SB
Installation company	Cascade Mechanical with their own electrician	Cascade Mechanical with their own electrician	Fisher Refrigeration in partnership with the electrician Pat Norwil	Fisher Refrigeration in partnership with the electrician Pat Norwil	Fisher Refrigeration in partnership with the electrician Pat Norwil	Fisher Refrigeration in partnership with the electrician Pat Norwil
SEER rating (Seasonal Energy Efficiency Ratio)	23.5	20	21	19.50	18	14

HSPF rating (Heating Seasonal Performance Factor) capacity	11.2	10	10	11	10	8.5
Price (Quoted or found)	Cascade Mechanical Quote for both upper and lower floor units: \$28,459.22 Which would make this unit: \$13,218.99	Cascade Mechanical Quote \$15,240.23	Quote needed	Quote needed	Quote needed	Fisher Refrigeration Quote for two units: \$30,532.90
Rebates	Yes, \$3,000 \$1,000 per ton	Talk to PUD, Kim Johnson 509-422-8428 kimj@okpu d.org	Talk to PUD, Kim Johnson 509-422-8428 kimj@okpu d.org	Talk to PUD, Kim Johnson 509-422-8428 kimj@okpu d.org	Talk to PUD, Kim Johnson 509-422-8428 kimj@okpu d.org	Talk to PUD, Kim Johnson 509-422-8428 kimj@okpu d.org
Ease of servicing	Harder to get serviced, need specific training	Harder to get serviced, need specific training	Any qualified HVAC contractor in the valley could service it	Any qualified HVAC contractor in the valley could service it	Any qualified HVAC contractor in the valley could service it	Any qualified HVAC contractor in the valley could service it

Air purification furnace update in conjunction with heat pump installation	Trane air filtration system to be installed in the current furnace Price: \$5,459.70	Trane air filtration system to be installed in the current furnace Price: \$5,459.70	Filtration system to be installed, need more information from Fisher	Filtration system to be installed, need more information from Fisher	Filtration system to be installed, need more information from Fisher	Trane air system TRA BAYHTR1 525BRKA Optional air cleaner AFD260C LAH000F
--	---	---	--	--	--	--



*Current furnace at Twisp Valley Grange
Photo by Olivia Palmer*

Funding

In order to explore funding options, Mary Jane Perry, Dwight Filer, Mary Koltz and Natalia Chambard met with Tom Jones and Murray Taylor from the Resilient Methow Implementation Hub. Tom and Murray have expertise in grant research and legislative literacy.

The main sources of funding that Tom and Murray suggested looking into are the following:

- At the time we met with them, the Inflation Reduction Act had just passed the House and Senate and was signed into law the next day. As Tom explained, the Inflation Reduction Act “Among other important provisions, [contains] the most significant climate legislation in our country’s history.”⁴¹
 - Inflation Reduction Act grants are going to be available starting October 15th and will close on November 1st⁴²
- Okanogan County PUD Energy Efficiency Program
 - Commercial vs. residential rebates with the PUD
 - Possible grant for thermax insulation
- Bipartisan Infrastructure Law - grants delegated to the states
- WA State Department of Commerce
 - Energy efficiency and weatherization grants
 - Is the Grange a public building in their eyes - call them to confirm

⁴¹ Tom Jones, personal communication, August 15, 2022

⁴² Tom Jones, personal communication, August 15, 2022

RECOMMENDATIONS

Recommendations for Community Outreach

Based on our research, stakeholder interviews, and benchmarking, we have developed two main recommendations for increasing community engagement and intergenerational membership. The first set of recommendations is outlined in a communication plan. The second set of recommendations is outlined in an example events calendar.

Based on our results, two areas of emphasis for the Grange are increasing membership and putting on more events. Before discussing specific recommendations, we encourage Grange members to have a conversation about using these findings to set more specific goals surrounding membership and events. Does the Grange have a target for the number of members and/or young members it wants to recruit in the next year? Does it have a target for the number of events it wants to put on, or the number of event partners it wants to connect with? Clarifying and putting a name to some of these implied goals will help the Grange stay focused and track its progress over time.

RECOMMENDATION 1: COMMUNICATION PLAN

Based on our stakeholder interviews with Judy, Kasey, and Miles, we identified that one of the most important steps for increasing community sustainability is to more deliberately communicate what the Grange does and how membership benefits people. An increased focus on outreach and communication would help contextualize public perceptions of the Grange and help people understand the role it serves as a community organization, not just a rentable building.

A. Website Revamp

Our first recommendation under the communication plan is a website revamp. Because the Grange's website is a centralized, widely accessible location for information, it makes sense to focus on this platform as an initial step in the communication plan. However, materials produced for the website could also be used for the Grange's Facebook page, put on flyers, or sent out in a newsletter.

Our recommendations for website enhancements are as follows:

1. Create an "About" page on the Twisp Valley Grange website

Creating an "about" tab on the website would provide more information about the Grange's history and what it does as a community organization. Publicly sharing the Grange's past and current goals addresses key points from our stakeholder interviews. Specifically, it ties into both the shared desire to preserve the identity of the Grange and the shared desire to help the community see the Grange as more than just a building.

The content of the "about" page can be decided and refined by Grange members, but below is an example of a description of the Grange that could be used:

Welcome to the Grange: The Original Rural Community Center

*Founded in 1911, the Twisp Valley Grange fosters a healthy community by sharing fellowship and providing a welcoming **Grange Hall** for gatherings, hosting family-friendly activities, and sponsoring educational events.*

The Twisp Valley Grange is a branch of the National Grange, a prominent nonprofit, nonpartisan organization devoted to supporting rural communities. The National Grange was founded in 1867 with the goal of supporting and bringing together farmers, and, since its inception, has admitted women as full and equal members. The Grange is known for its service projects, social opportunities, educational programs, and nonpartisan legislative advocacy.

The Methow Valley was once home to 13 grange halls. Now, as the last remaining grange in the Valley, the Twisp Valley Grange is committed to serving the community and carrying on our legacy of education, advocacy, and connection. Come join us!

2. Create a “Past Events/Photo Archives” page on the Twisp Valley Grange website and a shared photo folder

Creating a tab for past events and photos would be another way to help prospective Grange members see the ways the Grange could benefit them. Strong visuals to convey what the Twisp Valley Grange community has looked like over time and what activities they’ve engaged in would likely increase awareness of the Grange as more than just a building.

As a starting point, we recommend the Grange start a shared Google Drive folder for members to put photos into. From this folder, the Grange can choose photos from past events to put on its website. These photos could also be used for increased engagement on the Grange Facebook page. Photos from recent events could be used for updates on happenings at the Grange, and older photos could be used for periodic “throwback” posts.



Examples of photos that could be used for website and Facebook
Photo by Olivia Palmer

3. Create a “Get Involved” page on the Twisp Valley Grange website

A “get involved” tab would invite members of the community to join the Grange in putting together community events connected to their interests and backgrounds. This would help build up a network of community partners and open a door for more connections at the Grange - and also connect to the idea of saying “yes” to more community ideas.

Another part of this tab could be membership information. More clearly identifying the role members play in supporting the Grange’s mission and how they benefit from membership will address concerns expressed in stakeholder interviews over why people would want to join the Grange. This description would highlight the discounted rental rates and access to the commercial kitchen members enjoy, and explain how people can become members.

The content of the “get involved” page can be decided and refined by Grange members, but below is an example of a description of the Grange that could be used:

For over a century, the Twisp Valley Grange has supported rural families and brought people together. Now, we invite you to continue the mission of the Grange and build community with us.

Are you a farmer or gardener interested in talking with other growers?

Are you an artisan (or amateur) interested in teaching members of your community how to bake, pickle, preserve, or paint?

Are you a musician interested in sharing your talents or jamming with others?

Do you have a story to tell?

The Twisp Valley Grange is looking for community members to help carry on its legacy of connection and education. If you’re interested in joining an event, check out our calendar! If you’re interested in hosting an event, reach out to our engagement coordinator at _____ [outreach and engagement contact email].

Membership

Want to take your involvement with the Grange a step further? For an annual fee of \$50, members not only play an important role in keeping the Grange alive and thriving but also enjoy perks like discounted use of the building and free access to our commercial kitchen. Members under 18 can join for free.

If you’re interested in becoming a member, reach out to _____ [contact for board member in charge of membership].

B. Outreach and Engagement Subcommittee

Our second recommendation under the communication plan is to create an outreach and engagement subcommittee at the Twisp Valley Grange. The outreach and engagement committee

would be tasked with connecting with a network of potential community partners, listed further in this report under “Recommendation 2: Event Calendar and Network.” As mentioned in stakeholder interviews and the Grange’s May retreat notes, the Grange currently finds itself in a chicken/egg situation, where it needs more events to draw in members but it also needs more members to be able to put on events. An outreach and engagement subcommittee focused on connecting with community partners would help address this chicken/egg predicament by starting conversations with community members who are already interested and equipped to facilitate community events.

We recommend the subcommittee have a single platform for sharing information so that everyone is on the same page about conversations around membership, contact info, materials for the website, etc. For example, the subcommittee could start a Google Drive folder that contains a contact list of potential partners, a shared Google Calendar, a document with meeting notes typed up, etc.

Our recommendations for an outreach and engagement subcommittee are as follows:

1. Identify a key contact for outreach and engagement

Having a single person in charge of email/phone communications with community partners would help streamline communication. This contact could be put on the “Get Involved” tab of the website so community members have a clear way of connecting with the Grange if they have ideas for events.

2. Develop standards for community engagement

Creating a clear vision for how the outreach and engagement subcommittee wants to engage with the community will help it work more efficiently and professionally with partners. Standards could include:

- *Allowing community partners to use the Grange building for free (or at the very least, a discounted rate) if they intend to put on public events aligned with the Grange’s core goals*
 - Because the Grange is in such need of community partners to help them kickstart programming, it should remove as many barriers as possible. Removing the financial barrier of renting the space would encourage more members of the community to offer their time and expertise, and reframe events as a partnership between community members and the Grange, rather than a transaction.
 - Although it is impossible to know for sure, the financial loss of offering the space for free would likely be countered by the financial gain of the new connections/members community events bring in. In addition, if community partners are helping pay for the events they put on with the Grange, this will also make free use of the space a viable investment.

List of rental rates posted at the Twisp Valley Grange
Photo by Olivia Palmer

Twisp Valley Grange Rental Fees	
Main Hall	\$100-\$200
Basement with Kitchen.....	\$100-\$200
Kitchen.....	\$50
Wedding/Banquet.....	\$500
Tables and chairs Included in all Rentals	
CONTACT	
Judy Brezina.....	509-997-0775
Kim Claussen.....	509-449-0949
MAXIMUM OCCUPANCIES	
Main Hall	360.....No Tables or Chairs
	257.....Chairs Only
	120.....With Table and Chairs
Basement	120.....With Table and Chairs

Creating an outline for what qualifies as an “event aligned with the Grange’s core goals

Based on the Grange’s history and mission, a wide range of events could align with its core goals. Generally, public events connected to farming/gardening, education/classes, and general community engagement (dances, music nights, potlucks, etc.) would likely fit into this outline.

3. Revisit parameters around membership

Because the Grange is seeking intergenerational membership, we recommend inviting community members under the age of 18 to join the Twisp Valley Grange for free. This would remove a barrier that may seem minimal for working adults but likely is much more significant for youth in school. Because the Twisp Valley Grange has few members under the age of 50, intentionally discussing ways to make the organization accessible to younger members will be paramount.

Currently, the benefits of Grange membership are discounted use of the space, access to the commercial kitchen, and greater involvement in carrying out the Grange’s mission. While these are strong incentives that should be more widely communicated in the here-and-now, our stakeholder interviews suggest the Grange may also benefit from discussing options for other benefits as well. Further in the future, these incentives could include:

- Weekly or monthly discounts at local stores in Twisp
- Free access to the building vs. discounted
- A friends and family discount

These listed incentives would require further refinement, but offer some initial ideas to discuss.

4. Identify additional positions/skills needed for outreach and engagement subcommittee

While designating a single key contact for the outreach and engagement subcommittee is an important first step, the Grange will likely find that it needs to create additional permanent and temporary positions to further its outreach and development goals. These needs could be filled internally, or positions could be advertised on posters, the Grange Facebook page, and the Methow Valley News for community members to fill. Additional needs may include:

- Website design lead
- Designated social media manager
- Additional support position as partnerships grow
- Creator of monthly email newsletter

Some of these positions, particularly website and social media positions, could be popular with younger demographics. If and when a need for these positions arises, it presents an opportunity to reach out to high school students and pay them for their time. This could serve as a gateway to increasing younger membership.

RECOMMENDATION 2: EVENT CALENDAR AND NETWORK



Twisp Valley Grange Cookie Event
 Twisp Valley Grange
<https://www.facebook.com/TwispValleyGrange/>

Based on our stakeholder interviews with community members and benchmarking, we have created a mock calendar with suggested events. These events are based on successful past events, events at other granges, and events discussed at the retreat and in community conversations. We have included a contact list of organizations we believe would be willing to create/support events based on past events and similar organizational goals. Under this network of partners we have included a recommendation for two young board members for the Gange. We also have included contact information of the granges we benchmarked. Two expressed interest in hearing the results of our report. We want the granges to be able to create a network to discuss what is working and what is not. As Terrie Carleton from the Manson Grange said: “I think we all need to work together to save this wonderful organization in our small towns.”⁴³

A. Calendar

Months	Social Event Suggestions	Technical Event Suggestions
January	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Music/song circles (1x) 3. Seasonal Meal (1x) 4. Foodies Tuesdays (Every Tuesday) <ol style="list-style-type: none"> a. Pie crust and pie filling b. Pickles c. Chili d. Cornbread e. Crab Puffs 5. Board Game night (1x) 	<ol style="list-style-type: none"> 1. Educational workshop (1x) <ol style="list-style-type: none"> a. Quickbooks 2. Seed exchange (1x)
February	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Foodie Tuesdays (Every Tuesday) <ol style="list-style-type: none"> a. Scones b. Chocolate cake c. Fruit pie d. Strawberry cheesecake 3. Board game night (1x) 	<ol style="list-style-type: none"> 1. Educational Workshop (1x) <ol style="list-style-type: none"> a. Business management
March	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Dance (1x when COVID allows) 3. Pancake breakfast (1x) 4. Board game night (1x) 	<ol style="list-style-type: none"> 1. Farmer Mixer (1x) <ol style="list-style-type: none"> a. Discuss a farming topic at dinner
April	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Seasonal Meal (1x) 3. Easter Egg Hunt (1x around Easter) 4. Board game night (1x) 	<ol style="list-style-type: none"> 1. Educational workshop (1x) <ol style="list-style-type: none"> a. Soil health
May	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 	<ol style="list-style-type: none"> 1. Lecture(1x)

⁴³ Terrie Carleton, personal communication, July 27, 2022

	<ol style="list-style-type: none"> 2. Music/song circles (1x) 3. Board game night (1x) 4. Date night with babysitters supplied (1x) 	<ol style="list-style-type: none"> a. How to create your own garden
June	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Dance (1x when COVID allows) 3. Board game night (1x) 	
July	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Board game night (1x) 	<ol style="list-style-type: none"> 1. Educational workshop (1x) <ol style="list-style-type: none"> a. Canning
August	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Seasonal Meal (1x) 3. Board game night (1x) 4. Date night with babysitters supplied (1x) 	
September	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Dance (1x when COVID allows) 3. Pancake breakfast (1x) 4. Board game night (1x) 	<ol style="list-style-type: none"> 5. Educational Workshop (1x) <ol style="list-style-type: none"> a. How to create your own compost
October	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Halloween Party (1x near Halloween) 3. Bloody Mary Competition (1x near Halloween) 4. Seasonal Meal (1x) 5. Board game night (1x) 	<ol style="list-style-type: none"> 1. Educational Workshop (1x) <ol style="list-style-type: none"> a. Resource management 2. Lecture (1x) <ol style="list-style-type: none"> a. Permaculture
November	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Music/song circle (1x) 3. Foodie Tuesdays (every Tuesday) <ol style="list-style-type: none"> a. Pumpkin pie b. Sourdough bread c. Dinner rolls d. Cranberry sauce 4. Board game night (1x) 	<ol style="list-style-type: none"> 1. Farmer Mixer (1x) <ol style="list-style-type: none"> a. Discussing a farming topic at dinner 2. Educational Workshop (1x) <ol style="list-style-type: none"> a. Finances (advertise for youth)
December	<ol style="list-style-type: none"> 1. Methow at Home story event (1x) 2. Dance (1x when COVID allows) 3. Santa event for families with children (1x around Christmas) 4. Foodies Tuesdays (every Tuesday) 	<ol style="list-style-type: none"> 1. Seed Exchange (1x)

	<ul style="list-style-type: none">a. Sugar cookies and decorate them with the kids!b. Lasagnac. Chicken pot pie <p>5. Holiday cookie sale (after foodie Tuesday with sugar cookies)</p> <p>6. Board game nights (1x)</p>	
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We want to focus on engagement with farmers in the valley. The San Juan Island Grange has a booth at their local farmers market, which is similar to a suggestion from Miles Griffin in his stakeholder interview. We recommend that the Grange have a booth at the Twisp Farmer’s Market to help support farmers/grangers that have products to sell, but are not ready to have a booth themselves.



San Juan Island Grange booth at farmers market
San Juan Island Grange,
https://www.facebook.com/SJGrange966/photos/?ref=page_internal

B. Network of Partners For Events

Here we have listed potential partners for the Twisp Valley Grange to reach out to. We believe these partners have aligned goals with the Grange and would be willing to host events at the Grange. These are the community partners we suggest could use the Grange for free, as discussed in Recommendation 1 under “Develop standards for community engagement”.

Organizations	Contact Email	Related Events
Methow at Home	manager@methowathome.org	Monthly story event and game nights/board game nights
Room One	infor@roomone.org	Educational workshops related to health and family planning
Methow Conservancy	info@methowconservancy.org	Educational workshops related to conserving nature
The Cove	thecovecares@gmail.com	Educational workshops on finance
Methow Arts	No email Website: http://www.methowarts.org/	Art related events
Cascadia Music	cascadiamv@gmail.com	Music related events
North Central Washington Libraries	info@ncwlibraries.org	Storytelling and crafts
Washington Humanities	info@humanities.org	Lectures and discussions
Classroom in Bloom	classroominbloom@gmail.com	Educational workshops related to gardening
Independent Learning Center	No email Phone: (509)-997- 8006	Date night with babysitters

Joshua Porter brought up the idea of having a youth board member and a young farmer board member.⁴⁴ We believe that a youth board member would bring invaluable insight into youth engagement and potentially social media. We recommend reaching out to Zoe Kaltenbach, who is an engaged teenager who actively participates in 4-H. Even if she was not on the board we think she would be an excellent asset for engaging youth and related programming. We also believe a young farmer on the board would help bring forth ways to engage farmers, which many of our interviewees expressed a need to engage. We recommend reaching out to Miles Griffin to see if he has suggestions for young board members, as he is an active farmer in the community. Their emails will be shared directly.

C. Network of Granges

We believe reaching out to granges would be a great way to build a network that shares the successes of events, fundraisers, and communications. Highlighted are the granges that expressed interest in our results.

⁴⁴ Joshua Porter, personal communication, August 8, 2022

Grange	Email	Website	Facebook
Manson Grange	info@mansongrange.com	https://www.mansongrange.com/	https://www.facebook.com/Manson-Grange-796-109534441390785/
Marys River Grange	marysrivergrange@gmail.com	http://www.marysrivergrange.org/	https://www.facebook.com/marysrivergrange/
Linganore Grange	Contacted through Facebook message		https://www.facebook.com/Linganore410/
San Juan Grange	sanjuangrange@gmail.com	https://sanjuangrange.org/	https://www.facebook.com/SJIGrange966/
Whallonsburg Grange	admin@thegrangehall.info	https://www.thegrangehall.info/	https://www.facebook.com/Whallonsburg-Grange-Hall-124226220911/

COMMUNITY RECOMMENDATIONS: TIMELINE AND DISCUSSION

When it comes to a timeline for community-related recommendations, we recommend the Twisp Valley Grange start small. We recognize that in order to facilitate all of the events suggested on the calendar provided, Grange members will need some extra sets of hands. For this reason, we recommend the Grange prioritize creating an outreach and engagement subcommittee (recommendation 1, part b). We highly recommend the outreach and engagement subcommittee identify a key contact and develop standards for community engagement (ex. Letting partners use the Grange for free) before they reach out to community partners. This will allow for consistency in communications with potential partners.

The initial work of connecting with partners can happen simultaneously with efforts toward the website revamp and a small handful of simple, manageable community events. In this way, the Grange can begin connecting with specific community members who may already hold an interest in involvement, while at the same time beginning to increase awareness and visibility of the Grange for the broader community.

These recommendations have a clear intersection with both social and cultural systems in the Methow Valley. Connecting with a diverse range of community partners, encouraging intergenerational membership, and reinvesting in social and educational events presents an opportunity to bring people together to connect and learn from each other.

We feel these opportunities specifically relate to the following U.N. Sustainable Development Goals:⁴⁵

⁴⁵ Full List of U.N. Sustainable Development goals; SDSN Australia Pacific, 2017

End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

As an institution that has traditionally supported farmers, the Grange is in a unique position to uphold this sustainability goal through our recommendation for agricultural community events. This work connects the Grange to food systems in the Valley.

Ensure healthy lives and promote well-being for all at all ages

By engaging in community partnerships and events, the Grange has an opportunity to contribute to community wellbeing.

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

By connecting with community partners on a range of educational events - from candidate forums to soil health to how to bake bread - the Grange can support lifelong learning opportunities within the Methow Valley community.

Recommendations for Building Update

Due to time and money constraints, it is important that we address the prioritization of our recommendations. It is our understanding and recommendation that the first priority for the building retrofit is choosing and installing a heat pump and an air purification system. The second priority is to address safety concerns at the emergency exits, followed by insulating the outside of the building and choosing an exterior covering for the insulation. Discussing a stove upgrade, updating the water heaters, and pursuing other building updates would come later when money and time permit.

RECOMMENDATION 1: HEAT PUMP DECISION/FUTURE PRIORITIES

Ductless Heat Pump and Air Purification

Installation of a ductless heat pump and air purification system is recommended as a top priority because it is a necessary step if the Grange wants to become a heat/clean air refuge, and it also presents an opportunity to conserve energy and utility costs. Moreover, Mary Jane is already actively pursuing grants to fund this project.

We recommend that the Grange utilizes the heat pump comparison table from the Results section of this report to further inform a decision on which heat pump(s) to install. We suggest that the Grange continue to consult with Fisher Refrigeration and Cascade Mechanical to gain as much information as possible about which heat pump and installation package would make the most sense for their needs. We understand that the Grange has not yet gotten all of the necessary information to inform which specific unit they will invest in. The information needed includes the following: results about whether or not the Confluence Health & Wenatchee Valley Medical Group Community Partnership Fund 2022 grant has been awarded to the Grange, what rebates are available for which units based on their ratings, new quotes from both Fisher Refrigeration and Cascade Mechanical on other heat pump models, and efficiency of the units. All of this

information can help with deciding whether to purchase and install both or just one heat pump at a time.

Based on the priorities identified in our stakeholder interviews, we recommend that the Grange address other building updates in the following order:

1. Emergency exit stairs
2. Insulation and exterior covering
3. Replace broken stove
4. Discuss potential updates for the water heaters - possibly explore options for tankless water heaters or heat pump powered water heaters⁴⁶
5. Additional projects as time and funds allow - triple-pane windows, solar panels in the backyard, etc.



Current water heater at Twisp Valley Grange
Photo by Olivia Palmer

RECOMMENDATION 2: GRANTS

After meeting with Tom Jones and Murray Taylor from the Resilient Methow Implementation Hub, we decided that they would be the best people to partner with for continuing grant research. Their initial suggestions were to communicate with the Public Utility District to find out what rebates and other funding they can provide for heat pumps and also other building updates. Tom and Murray also will be able to help the Grange to communicate in its grant applications the connection it has to the Climate Action Plan through the building retrofit. It is their recommendation to make calls to the grant funders for clarification about whether the Grange qualifies for specific grants.

RECOMMENDATION 3: COMMUNITY PARTNERS

Based on our stakeholder interviews, we recommend that the Grange begin to build a network of partners to support it as a heat and clean air refuge. Currently, existing Grange members don't have the capacity to supervise the building all on their own if it were made available as a heat and clean air refuge. Even as the Grange expands its membership, reaching out and forming working partnerships with different organizations is an important step in making a heat and clean air refuge an attainable, sustainable goal and furthering the Grange's value of community.

Below we have listed a few potential partnerships. This list can be refined and added to as needed:

⁴⁶ US Department of Energy. Tankless or Demand Type Water Heaters.
<https://www.energy.gov/energysaver/tankless-or-demand-type-water-heaters>

Partner Organization/Person	Partnership Benefit	Contact Information
Resilient Methow Climate Action Plan - Implementation Hub - Tom Jones and Murray Taylor	Grant, rebate, and funding research and support for the building retrofit	Tom Jones: tmjones331@gmail.com Murray Taylor: murrayjtaylor@outlook.com
Room One	Volunteers and assistance with staffing the Grange during a smoke/heat emergency	(509) 997-2050 info@roomone.org
Methow at Home	Potential for coordination during smoke/heat emergencies, the Grange could be a clean air space for older members of the community	Tracy Sprauer director@methowathome.org Deirdre Cassidy manager@methowathome.org
Clean Air Methow	Partner to get an evaluation of the air quality before and after the heat pump is installed and then after the insulation is added.	Liz Walker liz@mvcitizens.org
Okanogan County Emergency Management	Support for air quality standards and utilization of the Grange as a clean air refuge	em@co.okanogan.wa.us
Red Cross	Coordination for utilization of the Grange as a clean air center	Greater Inland Northwest regional executive director: ryan.rodin@redcross.org East Wenatchee American Red Cross: (509) 663-3907

Mayor Soo Ing-Moody	While not a source of funding, in the case of an emergency, the county would contact her and if the Grange were needed, Mary Jane would be the person of contact	<u>townmayor@townoftwisp.com</u>
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MONITORING AND EVALUATION

Our main suggested method for monitoring community outreach is benchmarking. The same criteria used to benchmark the five other granges can be used for the Twisp Valley Grange. Before implementing the communication plan and recommended events, the Grange can use metrics to help evaluate its success. They can create clear goals for the number of new members, young members, and average events per month they want to achieve. They can monitor the success of these goals and reevaluate them after a full year. By keeping metrics readily available the Grange can easily see any increases in membership, young membership, and average events per month. Having goals allows the Grange to clearly evaluate their targets after a year of implementing the communication plan and recommended events. They can also record the number of community members coming to each event to evaluate the most successful events. By keeping track of these metrics, the Grange will be able to evaluate any changes that need to be made to the calendar.

Monitoring the building's updates will begin with using the budget to make suggested modifications based on the grants that are received. The Grange will then need to evaluate the building. If the grant for the heat pump is received, we suggest asking Liz Walker to walk through the Grange with an indoor air quality sensor and record air quality information. Once the new heat pump is installed, Liz can walk through again. Board members can then evaluate changes in air quality based on these two metrics. The addition of the heat pump would be successful if the air quality number is lower after the heat pump and air filtration system have been added.

BUDGET

FUNDING SOURCES

The Grange has a handful of potential outside sources of funding. Based on our conversations with Mary Jane, these include:

Anonymous donor - \$6,000

Blueberry sales - \$15,000/year

Sandbag sales - \$15,000/year

Truffle sales - \$2,000/year

Give Methow donation - \$6,500

Heat Pump Budget:

Anonymous donations specifically for heat pumps - \$10,000

Community Foundation Grant award - \$5,000

Rebate: PUD/BPA rebate for \$1,000 per ton for a Heat Pump that meets the HSPF rating of 11.0

COMMUNITY BUDGET

There are just a few entries in our community budget because of our limitations in predicting the cost of events at the Grange. Part of our intention for involving a network of partners in hosting events is to offset the cost of events. Bringing together multiple people to host events helps take some of the responsibility off of Grange members for fully funding every event - and also contextualizes our recommendation to allow community partners to use the Grange building for free to host mission-centered events.

Listed below are a few potential costs for the Grange to consider, if and when they decide to implement the recommendation associated with the expense.

RECOMMENDATION	EXPENSE	POTENTIAL FUNDING SOURCES
Finding someone to work on website	Look for volunteer on Volunteer Methow website (free) OR Hire a student at \$20/hour or stipend to do the whole job? Can be discussed among board	Grange fundraiser funds - Santa breakfast, blueberry sales, chocolate sales, Give Methow campaign AND/OR Grant funding

	OR Hire a professional	
Finding someone to manage social media	Look for volunteer on Volunteer Methow website (free) OR Hire a student at \$20/hour or monthly stipend for any social media duties that come up? Can be discussed among board OR Hire a professional	Grange fundraiser funds - Santa breakfast, blueberry sales, chocolate sales, Give Methow campaign AND/OR Grant funding

BUILDING BUDGET

We have chosen to include a budget for the different heat pump options the Grange has gotten quotes for. While other facilities-related projects would also be an expense, it is difficult to list a specific cost without first getting a quote. Because a heat pump and air filtration system is the Grange's current priority, we also made it our priority in developing a rough budget. The Grange is still in the process of gathering information on grants and heat pumps, so some information may change.

OPTION	EXPENSE
2 Mitsubishi cold climate "hyper heat" multi-zone ductless heat pumps 1- MXZ8C48NAHZ2-U1 1- MXZSM36NAMHZ-U1 4 indoor units 2 - MSZGL18NA-U1 2 - MSZGL24NA-U1 And 2 Trane CleanEffects air cleaning systems	Cascade Mechanical Quote for both Mitsubishi heat pump units together - \$28,459.22 Cascade Mechanical Quote for Trane CleanEffects systems - \$5,459.70 Total Expense: \$33,918.92
1 Mitsubishi cold climate "hyper heat" multi-zone ductless heat pump 1- MXZ8C48NAHZ2-U1	Cascade Mechanical Quote for upstairs heat pump and 2 indoor units only: \$15,240.23

2 indoor units 2 - MSZGL24NA-U1	
2 American Standard heat pumps 2-AHP 4A6H4060G1000A 2 air handlers 2- AAH AMSTEM4A0C60S51SB plus optional air filtration unit 1- AFD260CLAH000F	Fisher Refrigeration Quote: \$30,532.90

CONCLUSION

The Twisp Valley Grange has served as a vital community institution for the Methow Valley for generations. With a small group of dedicated members remaining, the organization faces both a challenge and an opportunity for revitalization.

The primary focus of this report was to address concerns related to the Grange as a community organization. From our extensive conversations with our sponsor, Grange members, and members of the community, we learned that some of the biggest concerns surrounding the Grange community are:

- Maintaining the historic identity of the Grange
- Increasing awareness and shifting the perception of the Grange from a building to a valuable community institution
- Better involving young farmers in community programming
- Making events, involvement, and membership accessible to members of the community

Based on these insights, as well as research on successful events at other granges, we recommend the Twisp Valley Grange adopt a communication plan, including a website revamp and the initiation of an outreach and engagement subcommittee. The outreach and engagement subcommittee will aid the Grange in forming community partnerships to support a wider range of engaging social and educational events and increasing intergenerational involvement and membership. Recommendations for potential partnerships and a calendar of events are also included in this report.

Our insights from stakeholder interviews also informed a priority list of building recommendations, as well as grants and potential partners. By investing in updates for the physical space, the Grange can focus on utilizing the building for community engagement and as a clean air and heat refuge. Updating the heat/cooling system, insulation, and possibly the water heaters will also help the Grange to save money on utility bills which will leave more funds for events and community engagement.

The Twisp Valley Grange has an exciting opportunity to engage with social and cultural sustainability and cultivate enduring relationships to bring together farmers, nonprofits, and community members in the Methow Valley.



Twisp Valley Grange Bulletin Board
Photo by Olivia Palmer

REFERENCES

- About Us. (2019, August 08). Retrieved August 10, 2022, from <https://www.nationalgrange.org/about-us/>
- About us: Wa state grange. (n.d.). Retrieved August 10, 2022, from <http://www.wa-grange.com/About.aspx>
- Friends of the Winthrop Public Library. (n.d.). Project Progress. Retrieved August 18, 2022, from <https://www.winthroplibraryfriends.org/project-progress>
- The Granite Group. (n.d.-a). MSZ-GL18NA-U1 Mitsubishi 18,000 BTU Wall Mounted Indoor Unit. Retrieved August 18, 2022, from <https://store.thegranitegroup.com/product/mitmszgl18nau1>
- The Granite Group. (n.d.-b). MSZ-GL24NA-U1 Mitsubishi 24,000 BTU Wall Mounted Indoor Unit. Retrieved August 18, 2022, from <https://store.thegranitegroup.com/product/mitmszgl24nau1>
- Linganore Grange #410. (n.d.). Retrieved August 17, 2022, from <https://www.facebook.com/Linganore410>
- Manson Grange #796. (n.d.). Retrieved August 10, 2022, from <https://www.mansongrango.com/>
- Manson Grange #796. (n.d.). Retrieved August 17, 2022, from <https://www.facebook.com/Manson-Grange-796-109534441390785>
- Marys River Grange #685. (n.d.). Retrieved August 10, 2022, from <http://www.marysrivergrange.org/>
- Marys River Grange Hall. (n.d.). Retrieved August 17, 2022, from <https://www.facebook.com/marysrivergrange>
- Mission & Vision. (2019, February 21). Retrieved August 10, 2022, from <https://www.nationalgrange.org/about-us/vision/>
- Okanogan County PUD. (n.d.). Commercial Programs. Retrieved August 18, 2022, from <https://www.okanoganpud.org/energy-services/commercial-programs>
- Perry, M.J. Project Description
- San Juan Island Grange #966. (n.d.). Retrieved August 10, 2022, from <https://sanjuangrango.org/>
- San Juan Island Grange. (n.d.). Retrieved August 17, 2022, from <https://www.facebook.com/SJIGrango966>

ScienceDirect. (n.d.). Energy Recovery Ventilator. Retrieved August 18, 2022, from <https://www.sciencedirect.com/topics/engineering/energy-recovery-ventilator>

SDSN Australia/Pacific (2017). *Getting started with the SDGs in universities: a guide for universities, higher education institutions, and the academic sector*. Australia, New Zealand, and Pacific Edition. Sustainable Development Solutions Network - Australia/Pacific, Melbourne

Shearer Supply. (n.d.). 5Ton, 14 SEER, Silver Series Heat Pump Condenser - American Standard® 4A6H4060G1000A. Retrieved August 18, 2022, from <https://www.shearersupply.com/2533568/p/n/american-standard-reg-4a6h4060g1000a>

Taylor, H. A. (2013). *Grange Halls in Washington State: A critical investigation of a vernacular building type* (Unpublished master's thesis). University of Washington.

Twisp Valley Grange. (n.d.). Retrieved August 17, 2022, from <https://www.facebook.com/TwispValleyGrange/>

Twisp Washington 98856. (n.d.). Retrieved August 17, 2022, from <http://twispgrange.com/>

US Department of Energy. (n.d.). Tankless or Demand Type Water Heaters. Retrieved August 18, 2022, from <https://www.energy.gov/energysaver/tankless-or-demand-type-water-heaters>

Whallonsburg Grange Hall. (n.d.). Retrieved August 17, 2022, from <https://www.facebook.com/Whallonsburg-Grange-Hall-124226220911>

The Whallonsburg Grange. (n.d.). Retrieved August 10, 2022, from <https://www.thegrangehall.info/>

WA Department of Commerce. (n.d.). Energy. Retrieved August 18, 2022, from <https://www.commerce.wa.gov/growing-the-economy/energy/>

The Washington State Grange. (n.d.). Retrieved August 10, 2022, from <http://www.wa-grange.com/>

Benchmarking Table References:

Linganore Grange, personal communication, July 29, 2022

Roger Ellison - San Juan Island Grange, personal communication, July 26, 2022

Sonny Hays-Eberts - Marys River Grange, personal communication, July 26, 2022

Sara Evens - Whallonsburg Grange, personal communication, July 27, 2022

Terrie Carleton - Manson Grange, personal communication, July 27, 2022

APPENDIX

Full List of U.N. Sustainable Development Goals:

1. End poverty in all its forms everywhere
2. End hunger, achieve food security and improved nutrition, and promote sustainable agriculture
3. Ensure healthy lives and promote wellbeing for all at all ages
4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
5. Achieve gender equality and empower all women and girls
6. Ensure availability and sustainable management of water and sanitation for all
7. Ensure access to affordable, reliable, sustainable, and modern energy for all
8. Promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all
9. Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation
10. Reduce inequality within and among countries
11. Make cities and human settlements inclusive, safe, resilient, and sustainable
12. Ensure sustainable consumption and production patterns
13. Take urgent action to combat climate change and its impacts
14. Conserve and sustainably use the oceans, seas, and marine resources for sustainable development
15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all, and build effective, accountable, and inclusive institutions at all levels
17. Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development Finance

Full List of Interview Questions

Judy Brezina

- How long have you been a member of the Twisp Valley Grange?
- Why did you join the grange? What do member benefits look like?
- Looking back on years past at the grange, can you think of any highlights? What were the strongest parts of the community?
- Mary Jane told us that in the early 2000s, members of the community rallied support to save the grange. Can you describe what that was like, and what steps you took to save the organization?
- Now, what do you think are the biggest barriers to increasing membership at the grange?

- What building updates do you think would be most important to pursue (re-doing the kitchen, replacing the heating system, etc.)
- You were in attendance at the retreat in May. What stood out to you the most from the brainstorming sessions? What are your hopes for the future of the grange?

Kasey Gibbs

- How long have you been a member of the Twisp Valley Grange?
- Why did you join the grange? What do member benefits look like?
- Joshua gave us the impression you were a newer/younger member of the grange. Can you tell us what that's like? Do you see either any disconnects or any opportunities to increase younger membership?
- Joshua also mentioned you bake bread using the grange's commercial kitchen. Does the current kitchen space present any challenges? What kinds of updates/renovations do you think would be useful to the kitchen?
- Do you have any ideas for how a new kitchen space could be used for community events?
- What do you think are the grange's biggest needs/barriers to increasing membership? What are your hopes for the future use of the grange?

Miles Griffin

- Tell us more about your farm and your involvement with the Washington Young Farmers Coalition.
- When did the Grange first come on your radar, and what have your interactions looked like?
- What do you think are some of the biggest needs of the young farming community in the Methow Valley?
- In what ways could the Grange address those needs? What ideas do you have for events/projects you want to see happening at the Grange?

Dwight Filer

- What would you like to see updated in the Grange building to make it a cleaner air space?
- Who are your local contractor contacts?
- What do you hope to accomplish with an updated building?

Kristi Skanderup

- How is the community center approaching an energy/clean air audit?
- Who is conducting the retrofit?
- What barriers have you encountered during this process?

Liz Walker

- What do you already know about the situation for the grange?
- How feasible do you think it is to make the grange a clean air refuge?

- What contacts do you have for the clean air/ energy audit and contractors

Benchmarking Table⁴⁷:

Granges	Manson Grange	Marys River Grange	Linganore Grange	San Juan Grange	Whallonsburg Grange
How many members?	58	105	85	190	Have a Board (22 members and 4 Emeritus members - which meets 3 times a year) and various Committees, including a Steering Committee (which meets monthly.) The programming is for the community, and since it's a volunteer organization, they have one part-time staff person.
How many young members (18-50)?	0	13	12 (16-30)	55	About 25 % of the board is 50 or younger.

⁴⁷ Linganore Grange, personal communication, July 29, 2022

Roger Ellison - San Juan Island Grange, personal communication, July 26, 2022

Sonny Hays-Eberts - Marys River Grange, personal communication, July 26, 2022

Sara Evens - Whallonsburg Grange, personal communication, July 27, 2022

Terrie Carleton - Manson Grange, personal communication, July 27, 2022

Do they have a Junior Grange?	No	Has Junior activities but no official program	No	No	No
How many events are held on average per month?	2 to 3	10 to 12	0 to 1	6 other community groups are using their hall. Together they put on about 10 events. They also have a weekly booth at the farmer's market.	Nothing during Summer, about 8 during Fall, Winter, and Spring.
Key events?	Manson Farmers Market, monthly meetings, display at Chelan County Fair, Bloody Mary competition, Trunk or Treat, Holiday Extravaganza, and Member Brunch	Yoga, Dances, Bluegrass Jams, theater, Nature Detectives (an event for Juniors)	Community has an open meeting each year, 'Old Farmers Group' dinners 4 times a year, annual Frederick County Pomona Grange Cookie Walk in December, and holds local voting jurisdiction.	Monthly Grange meeting, monthly gardening workshop, weekly music session, monthly game night, and quarterly new member welcome.	4 Lectures, 2 movies, and 2 music concerts
Recent renovations (since 2010)?	General upkeep	New roof, remodeled connecting room (new floor, new storage), painted, added gutters, new wood furnace and wood stove and	New LED Lights inside.	Deck overlooking the harbor, complete concrete foundation to replace old rotting posts, new commercial kitchen, new entry	Renovations, once completed (around 2015) have had minimal additional items done, although a porch was added over the ramp entry, and the

		pellet stove, new kitchen oven, water capture system, and foundation repairs.		doors, heat pump system, planter boxes and plants along the street, solar panels on the roof, and an EV charger.	town is looking into installing solar panels on the south-facing metal standing-seam roof.
Key fundraisers?	For revenue, they have a new dedicated rental committee and they have been very successful at renting the Grange for various private events (bridal showers, dances, funeral/memorials, weddings, etc) at a reasonable price. This is their main source of funding.	Rentals, pie auctions, and rummage sale	Sub sales in March & November (they make their own subs), Totes for Everything Bingo (using Thirty One products) in April and our election food stand every other year. We also do dinners for groups periodically.	Rely on private donations funneled through the San Juan Island Community Foundation to augment income from our commercial property in Friday Harbor.	Appeal letters are sent out in the Spring & Fall (beginning of June & end of November). They also hold an annual Election Night Dinner, which is more for community interaction than solely acting as a fundraiser.
Social media presence?	Website and Facebook (last post 8/11/22) maintained by a volunteer.	Website and Facebook (last post 8/9/22)	Facebook account (Last post 8/1/22) and new Instagram account (Nothing on there). Currently working on Website	Website and Facebook (Last post 8/6/22)	Website and Facebook (last post 8/12/22) maintained by a volunteer.
Email list or newsletter?	Newsletter	Email list for friends, Grange	Newsletter	Email List	They send out blast emails before

		produced a bi-monthly newsletter			events, which may mean one or two a month.
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