

STRATEGIC PLAN 2020 2025

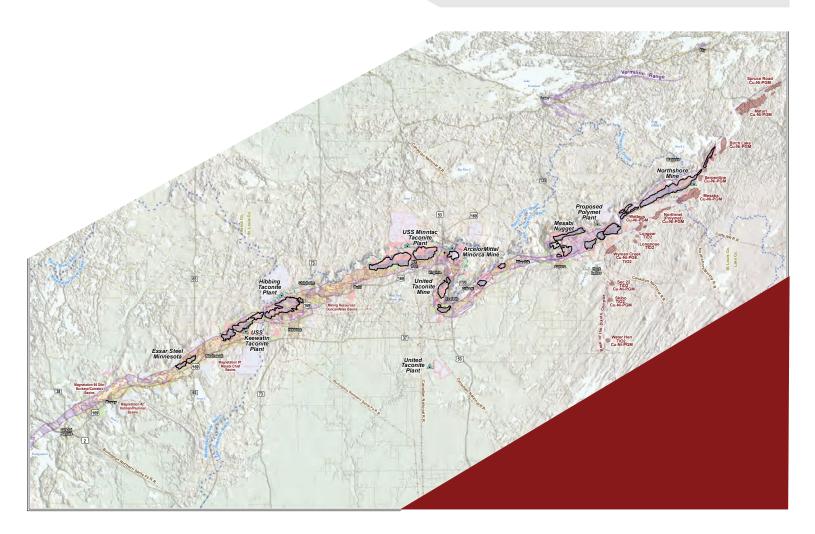


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EXECUTIVE SUMMARY

In January 2020, the Mineland Vision Partnership (MVP) launched a process to create a new 2020-2025 strategic plan. The partnership has long sought to bring together mining, business, and community partners to shape future land use in northeast Minnesota. While its core motivations have not changed, members of the partnership saw a need to revisit and hone their strategic approach. The group changed its name from the Laurentian Vision Partnership to the Mineland Vision Partnership to clarify its role to outside audiences. It also adopted the following new mission and vision statements, plus four strategic directions:

VISION

Shaping evolving landscapes for future generations.

MISSION

A regional collaboration that invests in our diverse community by:

- Developing opportunities for dynamic minescapes,
- Preserving lands to sustain current and future mining, and
- Providing resources and education

STRATEGIC DIRECTIONS

- 1. Optimizing Organization & Communications
- 2. Investing in Mineland Communities
- 3. Enhancing Stakeholder Partnerships
- 4. Educating Partners & the Public

This document provides an overview of the new strategic plan, which will guide MVP's work for the next five years. Details on the planning process and supporting documents from that process are available in the appendices.



OVERVIEW

The Mineland Vision Partnership (MVP) is a collaborative group of mining, business, government, professional, and community interests representing all parts of Minnesota's Iron Range. Partners agree to collaborate in shaping evolving landscapes for future generations. This regional collaboration invests in our diverse community by developing opportunities for dynamic minescapes, preserving lands to sustain current and future mining, and exploring cutting edge reclamation practices that perpetuate the natural environment of the area. MVP also helps identify resources and provides education for land use projects identified by the group

MVP serves as both a convener and a land use planner. It facilitates discussion and decision making among all interests, and it helps identify lands for economic, recreation, and resource-based uses that meet mining and community goals. Playing both roles allows the Partnership to encourage collaboration, help craft future goals for the region, and clarify the steps needed to move proposals into development and implementation phases.

MVP promotes collaboration between mining companies and communities to plan and design future landscapes that can benefit both interests. It explores how mining operations can systematically integrate land design as an integral part of mine planning and operation. It also provides technical and consensusbuilding tools to help industry, local government, and other parties form the ideas and working relationships needed to promote and enhance the vitality of the region. This collaboration generates local strategies for economic revitalization, and can build the attractive, productive landscapes for local communities and the environment.

MVP is open to the public and encourages all interested stakeholders, whether private property owners, mining company representatives, or business or community interests to engage in the organization's activities.

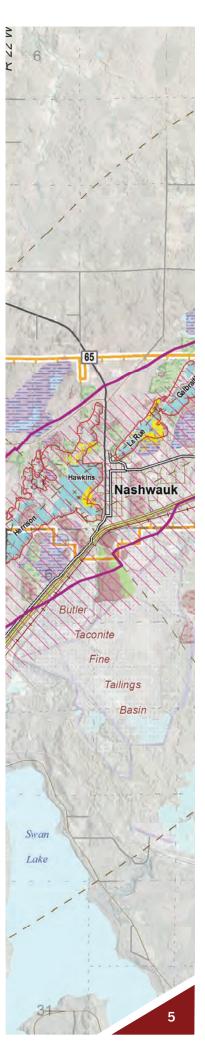
Partners typically contribute in-kind services, funds, or other financial and human resources to sustain the Partnership's mission. For a current list of the partner organizations and individuals, check the website at <u>www.lvpmn.org/</u>.



BACKGROUND INFORMATION

Since the late 1800s, Minnesota's Iron Ranges have supplied most of America's iron ore. Iron ore from Minnesota is transported to the Duluth-Superior Harbor and through the Great Lakes to steel-making companies that produce high quality steel for building materials, automobiles, home appliances and national defense machinery and equipment. Today, Minnesota is still meeting the nation's demand for iron ore through taconite mining. However, global competition has facilitated a decline in regional mining operations and local ancillary services in northeast Minnesota. The region has faced challenges and continues to evolve with changes in its most prominent job-sustaining industry.

- More than a century of iron ore and taconite mining has resulted in a changed landscape. In order to maintain environmental vitality and assure future use, it needs enhancement, restoration, or land shaping as mining progresses.
- There are communications barriers between community and mining interests, which has resulted in varying opinions about land planning, economic development, and the viability of the taconite industry. Stakeholders have a vested interest in the region and a collaborative approach will keep the Iron Range a healthy region of the state.
- Iron Range communities are often located next to or near active mining or mineral reserves that could be mined. Such conditions can challenge local economic and community planning. Communities need sound, up-to-date resources and mining information so they can understand and incorporate the geography of mining areas into local development plans.
- Many development projects designed to diversify local economies have sometimes been built and located as single ventures, not as elements within a larger regional vision. Communities need conceptual frameworks for planning that include larger economic and landscape contexts.
- Taconite mining is still the region's strongest and most viable employer, and companies have a vested interest in its employees, communities and the resource-rich land of the region. There is opportunity in considering more productive, scenic, and valuable end uses as a way to collaborate with other stakeholders, capitalize on special economic opportunities, and eliminate difficult, less productive approaches to reclamation.
 Similarly, communities need to consider maintaining the physical and economic availability of the mineral resources that are critical to sustaining the region's major economic activity.



BACKGROUND INFORMATION (Continued)

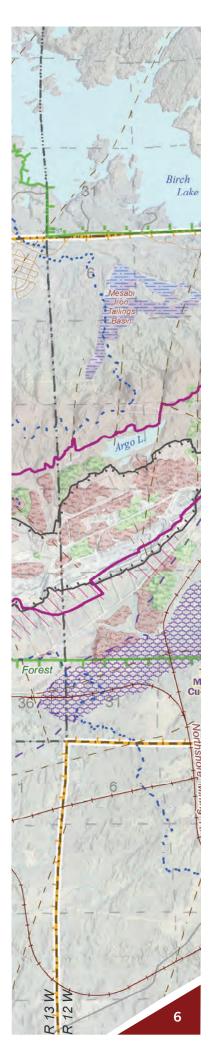
Faced with these challenges, industry, government, education, and community groups came together in the 1990s and organized what was then called the Laurentian Vision Partnership in 2000. Its partners believed that:

- 1) effective collaboration and coordinated decision-making among all interests,
- 2) sound resource information regularly applied to local and regional issues, and
- creative design ideas that link planning decisions with timely actions that can change the landscape, will sustain jobs, increase economic opportunities, enhance communities, and ensure environmental vitality.

Since 2000, the Laurentian Vision Partnership has:

- Built a dynamic, proactive partnership between industry, government, and community stakeholders
- Crafted and helped implement local partnership agreements that require joint decisions and actions between mine companies and communities
- Illustrated how land design can work hand-in-hand with the earth moving processes of a mine operation
- Conducted public design workshops with mine companies and communities to illustrate the feasibility of using active mineland as the infrastructure for future land use
- Built a comprehensive GIS database to help local communities make informed decisions about the use of areas adjacent to depleted, active, or future minelands
- Developed GIS modeling techniques to help mining companies and communities visualize development scenarios

By encouraging collaboration between industry and community, and by using technical design and planning tools to explore land design options, the Laurentian Vision Partnership is providing a model for regional development in mineral-based economies. It allows maximization of mineral resources but anticipates the future of mineral depletion by linking earth moving for mining with land-shaping for new and desirable landscapes.



RENAMING CONVENTION

During the 2020 Strategic Planning process many participants aired the idea that the Laurentian Vision Partnership name and mission statement did not adequately portray the meaning of the group. Over the years, the name and mission were difficult to describe the partnership to people who were not from the Iron Range. Due to this nearly unanimous feeling, the group went through a brainstorming, voting, and renaming process. The Laurentian Vision Partnership (LVP) has now officially been renamed the Mineland Vision Partnership (MVP).

STRATEGIC PLAN 2020 – 2025

Since the 1990s, the group now known as the Mineland Vision Partnership has been working collaboratively to promote sustainable mining and the reshaping of minelands into productive and ecologically sustainable landscapes for the future. MVP continues to lead efforts to transform underutilized mining lands and guide future land use decisions that will maintain the long-term economic viability and natural environment of the region. By working together and building trust around common interests, stakeholders are breaking down past barriers and tackling old and new challenges related to land use, maintaining environmental integrity, creating new economic development opportunities, and sustaining the economic health of the region well into the future. We will continue to build on the organization's 20-plus year history by focusing on efforts to enhance communication, build trust, and demonstrate the group's value and successes. This Strategic Plan will continue to guide the work of MVP toward a shared vision.

VISION & MISSION

The following, newly formed, vision and mission statements reflect the purpose, intent, and long-term focus of the partnership:

VISION

Shaping evolving landscapes for future generations.

MISSION

A regional collaboration that invests in our diverse community by:

- Developing opportunities for dynamic minescapes,
- Preserving lands to sustain current and future mining, and
- Providing resources and education



STRATEGIC DIRECTIONS

The following are the strategic directions of MVP's vision and mission:

- 1) Optimizing Organization & Communications
- 2) Investing in Mineland Communities
- 3) Enhancing Stakeholder Partnerships
- 4) Educating Partners & the Public

STRATEGIC DIRECTION OPTIMIZING ORGANIZATION & COMMUNICATIONS

Definition:

This strategic direction addresses internal MVP efforts to streamline its operations and better explain its work. It explores new and existing modes of communication and incorporates them within a plan to disseminate a consistent message for the group.

Action Steps:

- 1. Create a subgroup or sub-committee to create and present a communications plan that includes measurement tools such as website analytics
 - a. Consider leveraging what other communities have done successfully and launch a new technologically advanced publicity tool
 - i. FM or AM radio concepts
 - ii. Community walking tours
 - iii. PSAs
 - iv. Potential ways to display a "Now" & "Then"
 - b. Consider ways that MVP could utilize electronic media for sharing stories and creating professional connections
 - c. Consider how to create a shared plan for promotion of grants between recipients, communities, mines, and MVP
 - d. Consider ways to share MVP promotional materials and project opportunities with IRRR, other state department staff, and local government units
- 2. Share content after each full MVP meeting via the IRRR communications lists
- 3. Coordinating Committee will investigate the group's potential structure, potential larger Coordinating/Advisory Committee, Board of Directors, or more organized volunteer direction

Outcomes:

1. Group has an organized structure for reporting to funding & stakeholder partners

2. Subgroups become more active

3. A new publicity tool becomes active



Definition:

This strategic direction seeks to drive projects that reuse former minelands. It builds on extensive past efforts to return minelands to community use, preserve them for future mining, shares best practices, and publicizes the organization's successes to drive further interest.

Action Steps:

- 1. Ensure people know funding application deadlines and time frames
- 2. Create and establish a process to regularly update a one- or twopager (short document) to publicize successful projects
 - a. Publish and advertise the range of previous projects and what could be done
 - b. Create an informational road show
 - c. Focus on next stages of tourism-based reclamation
- 3. Capture dollars leveraged on all MVP supported projects and publicize these uses
- Encourage and facilitate partners presenting MVP successes at League of Minnesota Cities, Society for Mining, Metallurgy & Exploration (SME) Conferences, and other appropriate venues
- 5. Work to recapture the successful, science-based intellectual property developed in earlier LVP activities from the University of Minnesota for MVP

Outcomes:

- 1. Increased and deeper engagement from mining companies with MVP
- 2. New communities applying for projects with new ideas
- 3. A variety of projects being replicated across communities
- 4. Increased idea-sharing and science replication across multiple mining activities / operations
- 5. Increased state-wide (nation-wide) knowledge of MVP's innovative work to enhance, preserve and reuse mine lands



Definition:

This strategic direction seizes upon MVP's new Strategic Plan to involve additional stakeholders. It seeks to spread information to the group and actively engage partners who have not historically participated in MVP.

Action Steps:

- 1. Roll out new strategic direction to IRRR commissioners, mines, and other stakeholders to show new direction
- 2. Conduct special planning sessions or other events to further MVP's objectives
- 3. Create a presentation/summary document of MVP to foster understanding of the group and drive attendance
- 4. Meet with tribal group representatives and liaisons to establish a plan for future engagement
- 5. Create a subgroup or sub-committee to manage personal outreach to network with and invite mining engineers & operators
- 6. Revisit the existing Coordinating Committee structure and consider methods to expand participation
- 7. Revisit the meeting format such as length of meeting, times per year, and topics to be covered
 - a. Consider formats that allow for more dialogue and idea-sharing opportunities
 - b. Consider offering virtual tool options to expand participation

Outcomes:

- Greater MVP involvement in land use planning and development and broader use of its techniques and approaches
- Information-sharing becomes more continual, living outside of set meetings
- 3. Attendee list updated regularly to include engineers and operators from each mine
- 4. Establish tribal engagement while maintaining engagement of current and historical participants



Definition:

This strategic direction seeks to increase public awareness of MVP. It builds connections to generate fresh ideas and engages the media to showcase the value of work completed by MVP.

Action Steps:

1. Include global or national speakers at least once per year

2. Student groups invited to have representation within MVP such as Iron Range Engineering, landscape architecture, high school students, and others.

3. Hold periodic student-driven workshops

4. Identify potential participants/stakeholders from the Duluth market area and hold an MVP meeting in Duluth

5. Seek opportunities for media engagement such as with MPR or local TV to highlight successes

Outcomes:

- 1. Regular newspaper coverage on MVP activities
- 2. City councils and community members are more aware of the grant process and are receiving project updates
- 3. MVP messaging has spread onto new and expanded platforms
- 4. Area students are better informed regarding MVP activities and existence

APPENDIX

STRATEGIC PLANNING PROCESS

The Mineland Vision Partnership (MVP) has prepared this 5-year strategic plan to guide its activities and achieve accomplishments consistent with the group's vision and mission. The strategic process steps, session dates, and agendas are included as an attachment, as are the results the subset sessions and virtual planning session that followed.

PROCESS STEPS

- 1. 1.29.20 Strategic Planning Session
- 2. LVP Coordinating Committee Survey Conducted
- 3. LVP Mining Survey Conducted
- 4. 3.10.20 Strategic Planning Subset Session
- 5. 4.28.20 Strategic Planning Subset Session Follow Up Survey Conducted
- 6. 4.29.20 Strategic Planning Virtual Session
- 7.5.1.20 Strategic Planning Virtual Session
- 8. 5.20.20 Coordinating Committee Meeting: MVP Agenda Setting and Draft Strategic Plan Review & Feedback
- 9. 6.24.20 MVP Meeting & Strategic Plan Roll-Out

STRATEGIC PLANNING SESSION: January 29th, 2020

AGENDA

- 9:00 AM Welcome and Introductions
- 9:15 AM Review Agenda & Strategic Planning Process
- 9:20 AM Historical Overview
- 9:50 AM SWOT Analysis
- 11:00 AM Live Q & A: Vision, Values, Mission & Priorities
- 11:40 AM Full Group Reflection & Wrap Up
- 12:00 PM Adjourn

Products

- 1. LVP Historical Overview 1.29.20
- 2. LVP Handout 1.29.20 SWOT.Ideas.VisionValueWords
- 3. LVP Mentimeter Survey 1.29.20.pdf

STRATEGIC PLANNING SUBSET SESSION: March 10th, 2020

AGENDA

9:00 AM	Welcome & Introductions
9:10 AM	Material Review
9:15 AM	Mission: What we do, factual
10:15 AM	Vision: Where we are going, aspirational
11:00 AM	Naming Convention
11:45 AM	Full Group Reflection & Wrap Up
12:00 PM	Adjourn

Products

- 1. LVP Strategic Planning: Mining Survey Summary, Conducted Winter 2020
- 2. LVP Strategic Planning: Coordinating Committee Survey Summary, Conducted Winter 2020
- 3. LVP 3.10.20 Vision.Mission.Names.pdf

STRATEGIC PLANNING SUBSET SESSION: April 28th, 2020

Conducted a Follow Up Survey

Product

1. 4.28 LVP Survey Full Summary Results

STRATEGIC PLANNING VIRTUAL SESSION: April 29th, 2020

AGENDA

- 10:30 AM Welcome & Introductions
- 10:40 AM Material Review
- 10:50 AM Survey Results
- 11:00 AM Strategic Direction Consensus Workshop
- 12:00 PM Adjourn

Products

1. LVP 4.29 SP Part 1 of 2 PowerPoint

2. LVP Strategic Direction Consensus Workshop 4.29.20

STRATEGIC PLANNING VIRTUAL SESSION: MAY 1st, 2020

AGENDA

10:30 AM	Welcome & Introductions
10:40 AM	Material Review
10:50 AM	Current Situation / Success Indicators / 5-Year Accomplishments
11:50 AM	Full Group Reflection & Wrap Up
12:00 PM	Adjourn

Products

- 1. LVP 5.1 SP Part 2 of 2 PowerPoint
- 2. 5.1.20 Major Clusters & Re-Naming
- 3. Current Realities, Success Indications, and 5-Year Accomplishments 5.2.10

PLANNING PRODUCTS ATTACHED

- 1. LVP Historical Overview 1.29.20
- 2. LVP Handout 1.29.20 SWOT.Ideas.VisionValueWords
- 3. LVP Mentimeter Survey 1.29.20
- 4. LVP Strategic Planning: Mining Survey Summary, Conducted Winter 2020
- 5. LVP Strategic Planning: Coordinating Committee Survey Summary, Conducted Winter 2020
- 6. LVP 3.10.20 Vision. Mission. Names
- 7. 4.28 LVP Survey Full Summary Results
- 8. LVP 4.29 SP Part 1 of 2 PowerPoint
- 9. LVP Strategic Direction Consensus Workshop 4.29.20
- 10. LVP 5.1 SP Part 2 of 2 PowerPoint
- 11. 5.1.20 Major Clusters & Re-Naming
- 12. Current Realities, Success Indications, and 5-Year Accomplishments 5.2.10

Lawrentian Vision Partnership A Historical Perspective

Five Year Strategic Plan Meeting

January 29, 2020

Jim Plummer IRRRB Planning Director

HIBBING

Thanks To Our Financial Contributors

Jiants Ridge









R Rairoad to

DEPARTMENT OF IRON RANGE RESOURCES & REHABILITATION

McKinley

DAHR Railroad to Virginia Highway 135 Mexalu Trail

The Beginning

Commercial Parturay

City of Eveleth

Gateway Bridge

Red Rock empitheative Menabl Thail Shation "Bike trail & DHU

camparound

Aldum

MINE PROV

New Hooging

Discussions began in 1998
To address what the post-mining Mesabi Iron Range may look like
Initial core group included:

Minntae

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Evele

Varillan NO

•US Steel •University of Minnesota

•Department of •Department of Iron Range Natural Resources Resources & Rehabilitation



LVP - A LOOK INTO THE FUTURE

Vision

Transforming pits and piles into living lakes and landscapes... our legacy for the future.

Mission

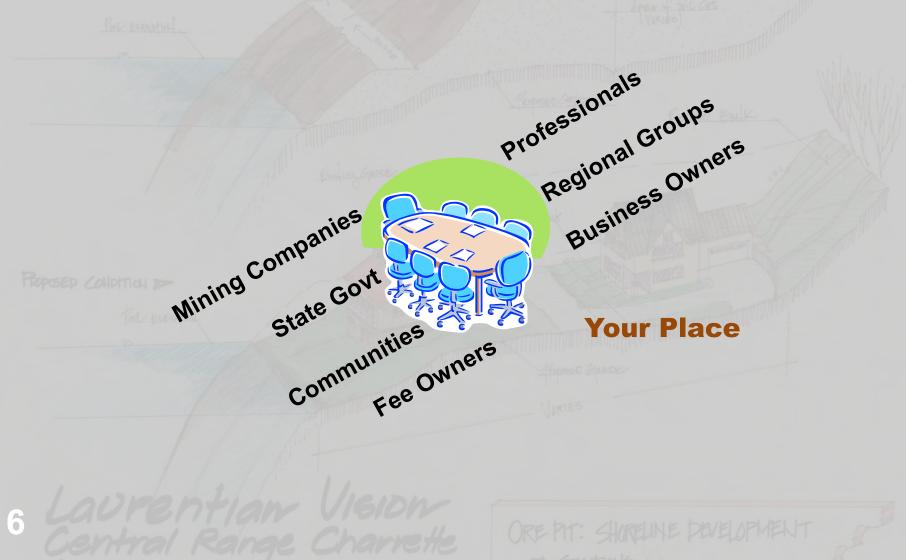
The Laurentian Vision Partnership is a regional coalition that promotes the development of productive post mining landscapes by cooperating in:

• Preserving lands necessary to sustain current and future mining

- Promoting landscape options for post-mining uses
 - Identifying and discussing new development opportunities
 - Providing the tools to achieve these goals



WHO IS THE LAURENTIAN VISION PARTNERSHIP?



What We Do

- Facilitate Partner
 Engagement and Shared
 Visioning
- Deliver Tools and Resources

Target Priority Projects

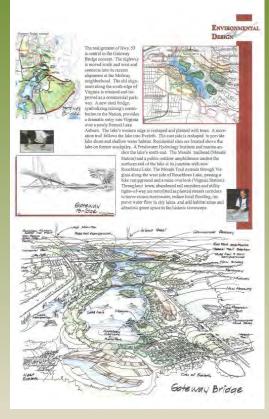
Facilitate Partner Engagement and Shared Visioning:

LVP is a convener for regional discussions on mining, land use impacts, needs and opportunities

Hold three membership meetings per year where presentations are made, projects are discussed and information is shared

Convened 3 major charrettes: United Taconite, Hibbing Taconite, ArcelorMittal Minorca





2001 United Taconite



2003-2004 Hibbing Taconite



Mary Ellen Marina

2007 ArcelorMittal Minorca



Deliver Tools and Resources:

Encourage use of LVP reclamation design tools

Large Scale Projects Map to communicate current projects

50-Year Mine Land Use Map to guide future development

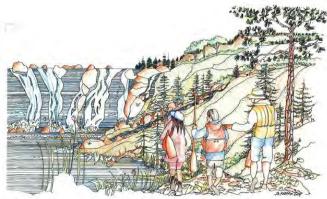
Collaborate with mine engineers to utilize innovative reclamation techniques

2015 American Society of Landscape Architects Award

INSTALLATION FIELD MANUAL

Peter Mitchell Mine Landscape Framework Plan Northshore Mining Company 2014 STEVE DURRANT LLC | JOHN KOEPKE | M.P. HANSON ASSOC., INC.

THE KESTREL DESIGN GROUP | FAT PENCIL STUDIO



63

Environmental Stewardship Going beyond compliance...being socially

responsible...anticipating and addressing potential impacts before they occur...personal accountability... operating to preserve the environment for future generations.

Core Value | Northshore Mining Company



Aquatic Enhancement Guidelines



AL TRANSPORT

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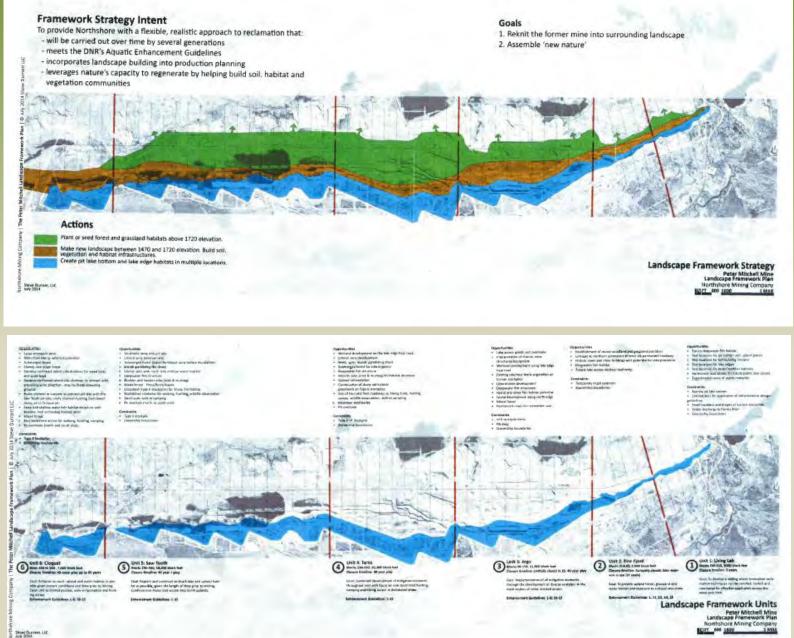
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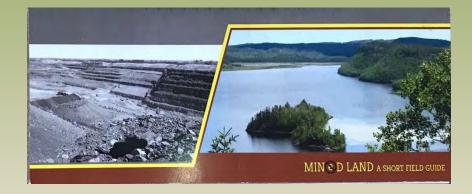


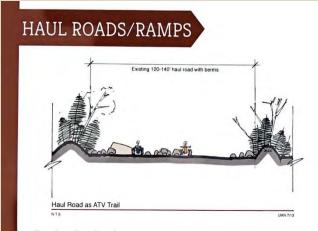
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LVP Reclamation Design Tools 2015 American Society of Landscape Architects Award Winner





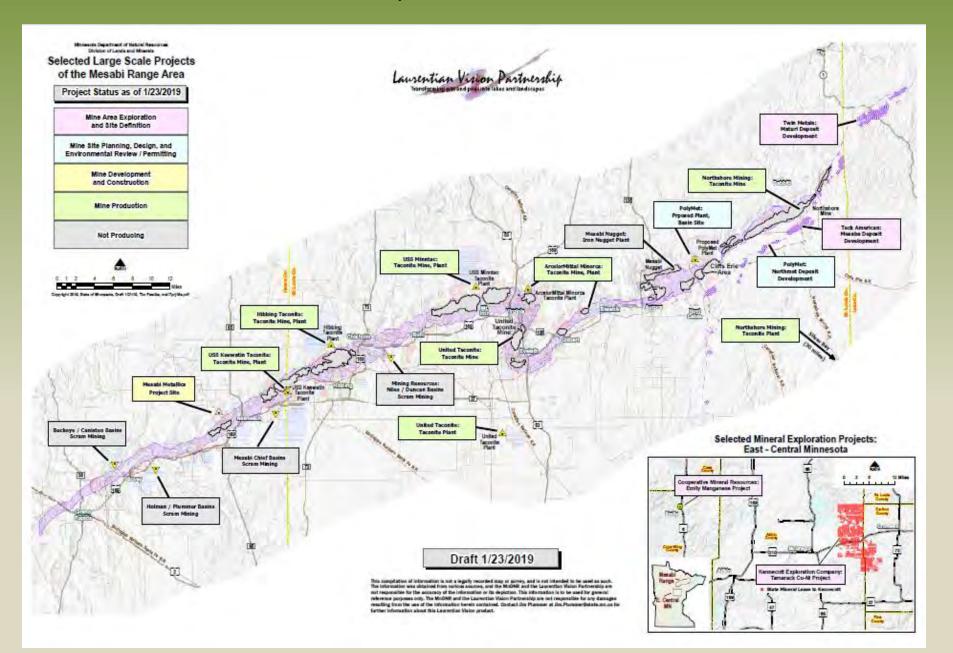




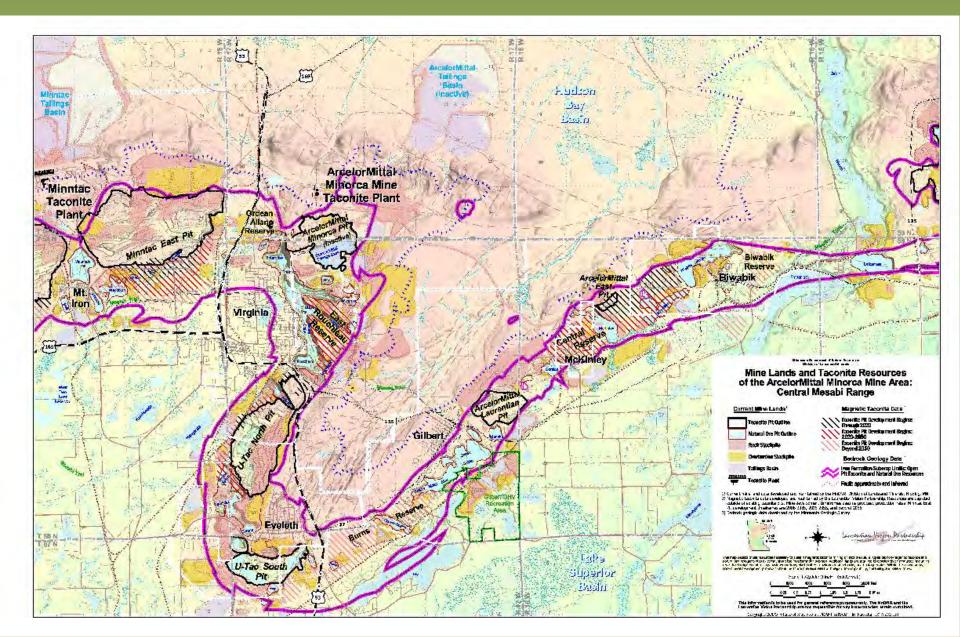
PRINCIPLE Change mine roads into landscape and recreation assets. Project: Hibitac 50124090

March Mar

Competition for the Land



GIS Land Use Map



Target Priority Projects:

Create landscapes that demonstrate and test LVP design applications

LVP Mineland Reclamation Grants - \$4,766,000 awarded since 2006

Collaboratively identify and develop new bricks and mortar projects

Demonstrate a willingness to try new ideas with companies and the communities working together

Black Beach LVP Grant - Silver Bay







Buhl Disk Golf LVP Grant





BRIDGE VIEW PARK LVP Grant - Virginia







HIBBING MINE VIEW



RedHead and Tioga Mt. Bike Parks





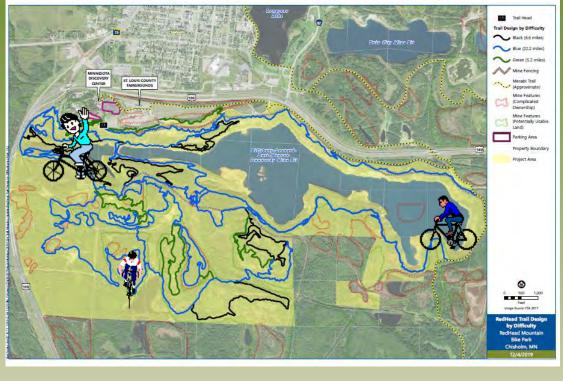








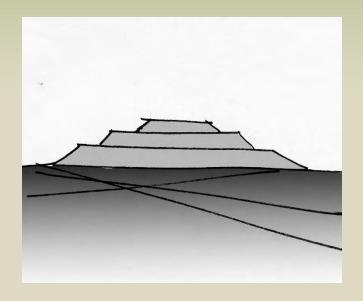


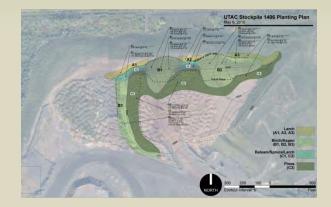




United Taconite Stockpile 1406 – Innovation Grant

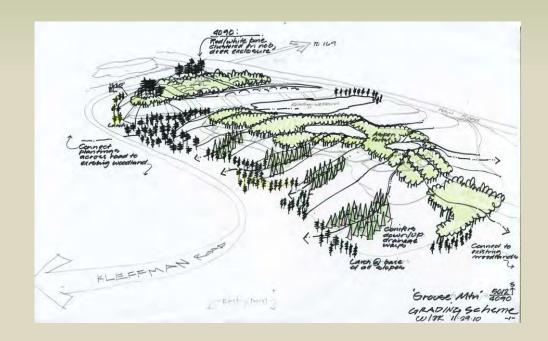
- Collaboration between United Taconite, DNR Lands and Minerals, U of M School of Landscape Architecture and IRRR
- Undulate ridgeline to create topographic variation
- Soften or break manufactured terraces
- Vary planting pattern(s)





Hibbing Taconite Stockpiles 4090 and 1512 Innovation Grant – U of M

- Soften engineered ridges/sharp angles
- Break flat horizon lines
- Provide visual focus
- Provide habitat



Iron Range's Future Landscape & Economy

What do we want to leave as a legacy?



USING CRYSTAL BALLS TO DETERMINE OUR FUTURE







WILL NOT WORK

At LVP we are creating our future And we do it together

Laurentian Vision Partnership

Transforming pits and piles into lakes and landscapes

Thank You!

Your participation in this process is greatly valued!

- Jim Plummer
- (218) 274-7006
- Jim.Plummer@state.mn.us
- <u>www.lvpmn.org</u>



Laurentian Vision Partnership Transforming pits and piles into lakes and landscapes

•

SWOT ANALYSIS

STRENGTHS

• Board knowledge of participants

- Connections to mining industry & other participants
- Diverse group
- Strong facilitation
- Well organized professional group
- Positive collaboration
- Complete list of resources
- Vision for the future landscape
- Regional perspective
- A great tool for land use planning
- Technical tools developed for reclamation & transforming landscape
- Grants and financial support
- This group is working toward a win-win-win
- Land use is a lesser conflict now

- WEAKNESSES
- Lack of communication of LVP successes
- Time, budget, resource restrictions
- Some partners missing (NGOs, tribes, local landowners, developers)
- Lack of continuity (no follow up), high turnover of participants, historic divisions among participants
- Focus on infrastructure, consider broader landscape and key drivers (climate, demographics, other)
- Meeting format needs to encourage more conversation
- conversation

- Environmental
 Tribes
 - Mine permitting groups
 - U of M engineering and science departments, caution on IP issues

OPPORTUNITIES

Itentionally expand partnerships with the following stakeholders:

• Entrepreneurs

More engagement in Land Use Planning

- Re-establish regional groups
- Land use tools
- Adopt "intermediate land use" language

Acquire more \$ to do more projects

- Build out the programming
- Add training tools

Increase program/project promotion

- Digital communications/maps, AGO storymaps tool
- Get mission/accomplishments "out there"
- Highlight mining funding
- Create the "mining = environmental" link
- Publicize outside Iron Range

Projects

- Increase legal/technical/cost considerations in charrette and visioning processes
- Explore with the DNR the potential of an if/then to move the permitting faster, if we do X, then the process is faster or more predictable based on X
- Consider a Board of Directors or Advisory Committee with committees to do work between meetings

THREATS

- Misinformation
 - Anti-mining advocates and labeling in general
- Regulatory and legal uncertainty
- Uncertainty of mining's future
- Lack of tribal inclusion
- 'Post' mining doesn't exist
- Recognition of #2 GDP in the state by all 87 counties

Laurentian Vision Partnership Transforming pite and piles into lakes and landscapes

SHOULD CONTINUE TO DO AND/OR ADD TO THE WORK THAT HAS BEEN DONE?

IDEAS

- Add more statewide communication
- Engage with other historic mining districts in North America. What's their SWOT?
- Continued working toward projects such as bike initiative
- Bring in speakers what communities look like after mine closure? Talk to people who have gone through this process
- Find a way to link all the reasons to mine together for a coherent story and include them in the macroeconomic equation
- Add environmental stakeholders
- Digital platform
- Add stakeholder
- Annual field trip to success site and invite press all show
- Expand to true landscape planning, not just projects
- More projects and get the word out about them
- More small projects disc golf bike projects great for small communities
- Develop vision going forward markets, resources, tech
- Expand engagement across partners and whole landscape

Keep great projects moving forward and promote

IDEAS

- Increase internal capacity so we can do these things
- Communication and success stories
- Define who we are right now and use that as basis and stay on top of this. Be aggressive about it, don't assume it's fine and move on.
- Balance between long-range visioning and shortterm projects to keep interest
- Communication of who we are and what we've done and outreach to those who haven't heard of it
- Reinvigoration w mining and engineering
- Engage U of MN school of landscape architecture - bring something not available locally
- Visit Bay Harbor, MI huge development now
- Communications and show economic value of post-mining activity
- Focus on enhancing quality of life on the Iron Range now
- Discuss innovative, holistic regulatory approaches
- Community outreach and education and projects. Involve them more and show what LVP is at a local level.
- Expand and push outward? Make it a household name?

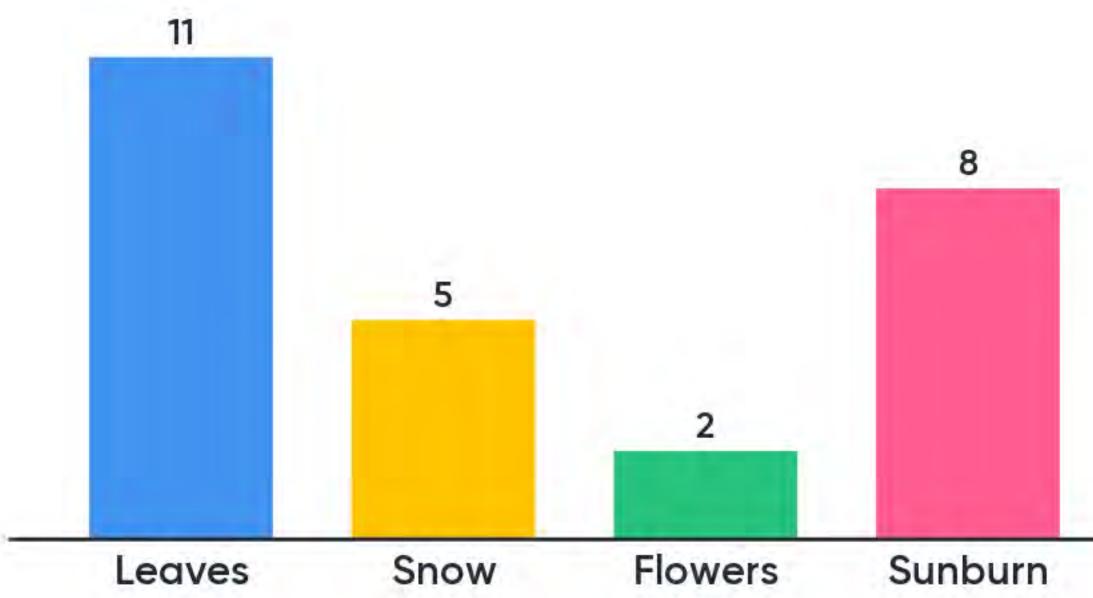
PARKING LOT

- Course taught in college including continuing education
- Mine engineering company commitment to group
- Environmental \$'s available for reclamation learning and mining companies
- Environmental groups also need to be here and invited
- Iron Range Engineering inclusion
- HibbTac west end future
- Engage with other historic mining areas to understand their SWOT
- What's the best way to engage the state legislature?
- How could this group present across MN etc



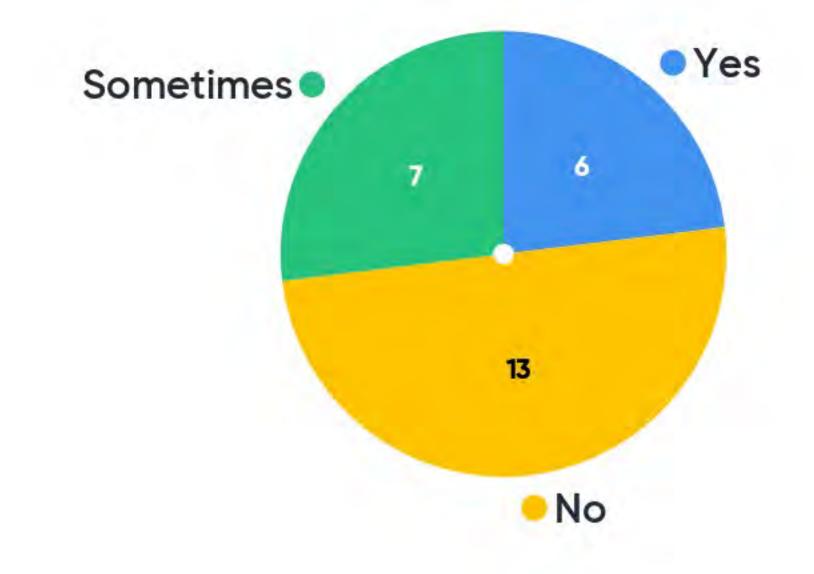


What is your favorite season?



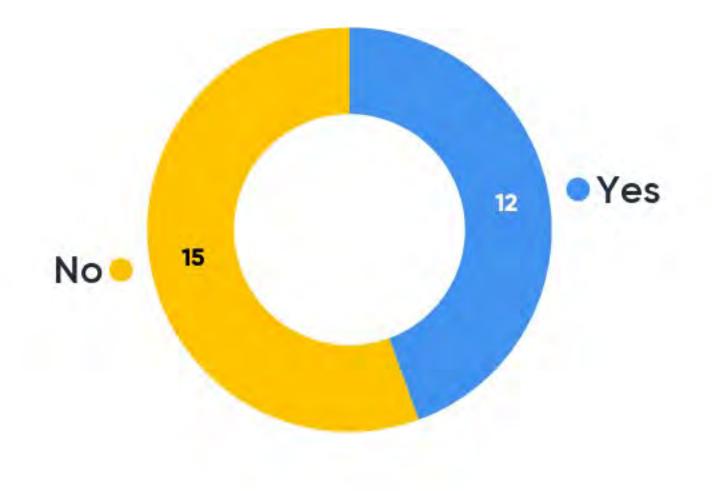


Do you use the LVP website?



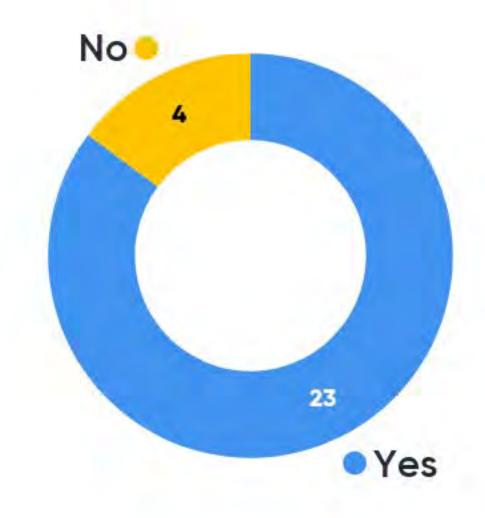


If you do, is the website information valuable & relevant?





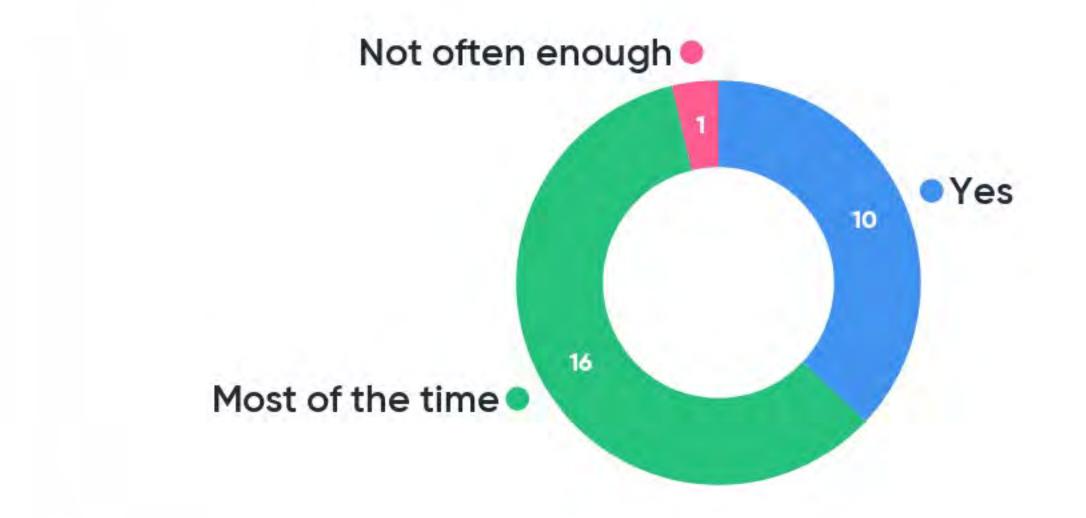
Does the current LVP meeting format work well for you?







Have the agenda topics been relevant to the mining industry and communities?





How to you feel about the LVP name?

The name is still relevant. 3.2 We need a new name. 2.6 Mentimeter

Strongly agree

Which vision statement do you prefer?

Transforming pits and piles into lakes and landscapes.

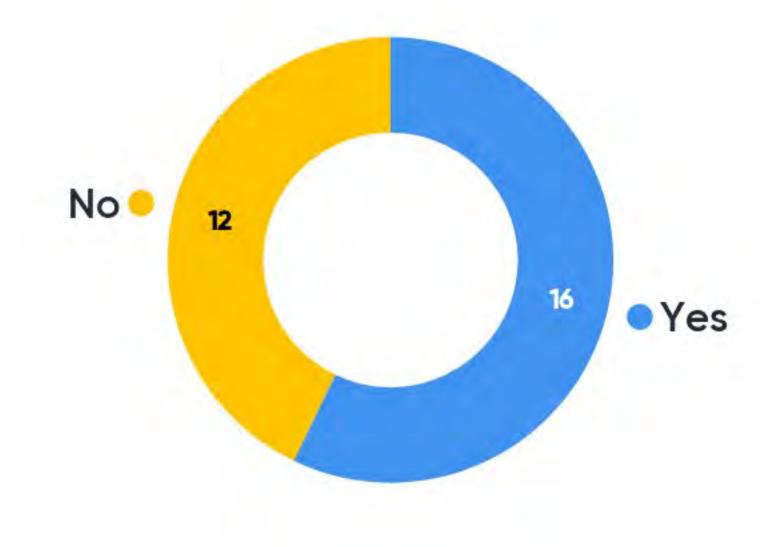
4

Transforming pits and piles into living lakes and landscapes...our legacy for the future.

23



Is this vision statement still relevant?



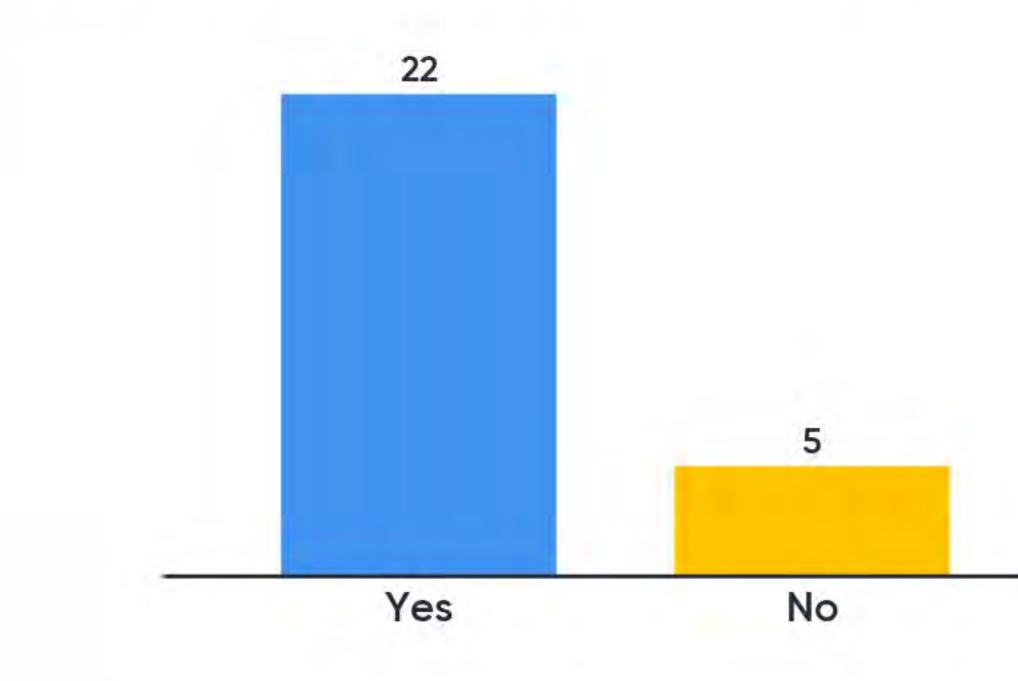


Does this vision statement need work?



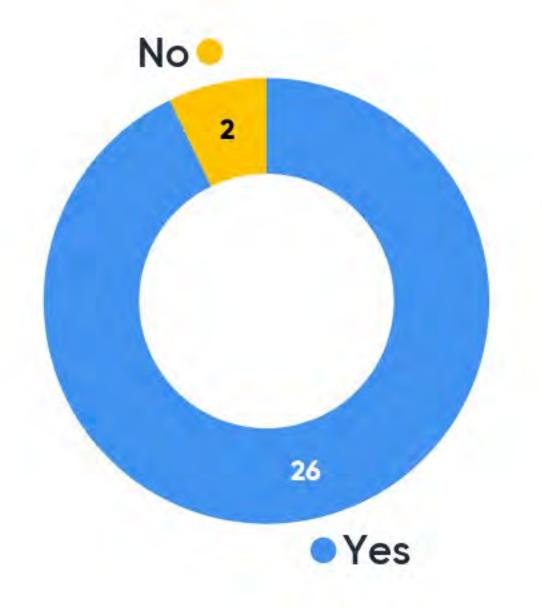


Is this mission statement still relevant?





Does this mission statement need work?





Current Guiding Framework

- Facilitate Partner Engagement and Shared Visioning
- Deliver Tools and Resources
- Target Priority Projects



Facilitate Partner Engagement and Shared Visioning

Provide a forum for local communities, mining companies and regional partners to communicate, envision, design and collaborate on productive post mining landscapes, preserve mineral resources to sustain regional economic prosperity, and explore associated land use implications that will create opportunities to sustain and grow livable communities and a prosperous Iron Range economy.

Deliver Tools and Resources

Develop, update and deploy LVP land use and design tools, and define future mining reserve areas that help communities, companies and other stakeholders make informed decisions and plans.

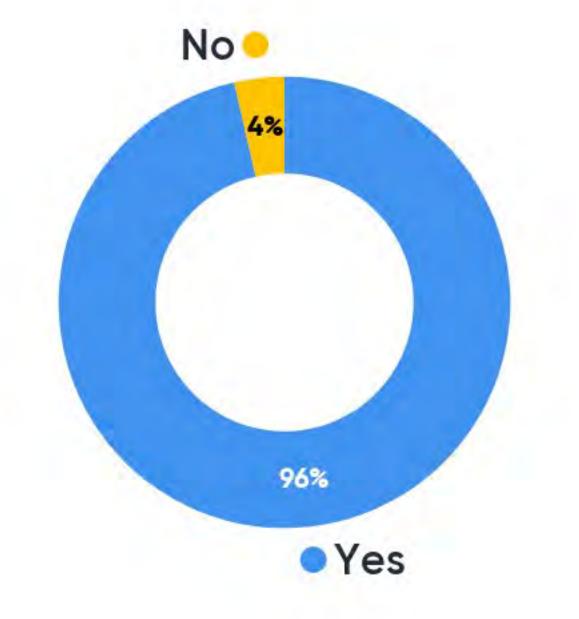


Target Priority Projects

Construct land design projects that demonstrate and test LVP design applications.



Are the Guiding Framework Elements still relevant?







Rank the Guiding Framework Elements by importance to you:



Mentimeter

Facilitate Partner Engagement & Shared Visioning



In three words, describe the Laurentian Vision Partnership's purpose:



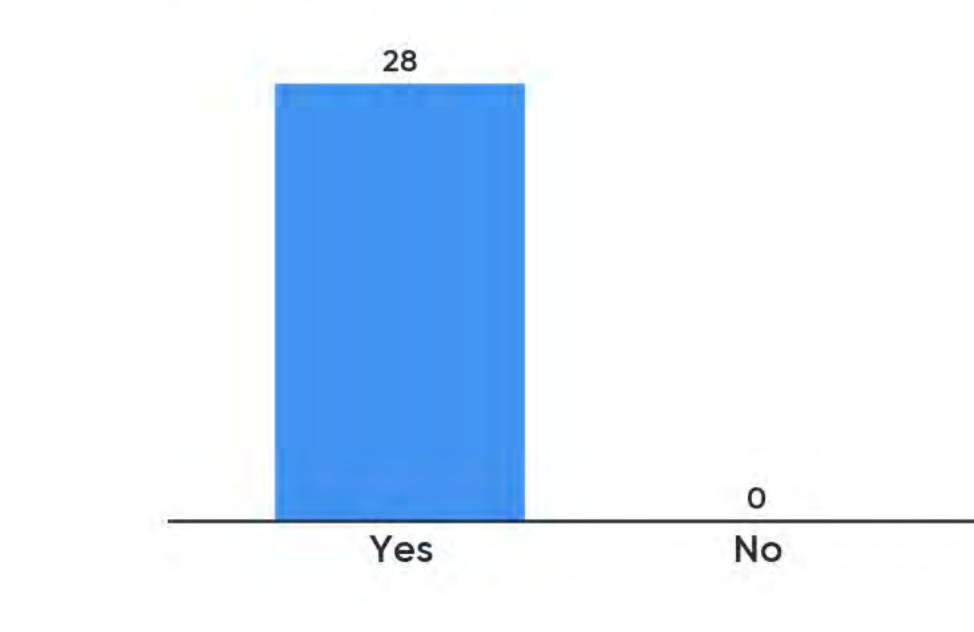


and use

facilitate

tge sharing

Should the LVP group provide more support for mining related challenges?







What types of challenges are you seeing in the mining industry?

Permitting	Permitting	Ar
Permitting	Timelines	Pu
Misunderstanding	Permitting	Pe



pathy

ublic perception

ermitting



What types of challenges are you seeing in the mining industry?

Misunderstanding	Not needed	Ne
Just recycle	Environmental permitting.	Pe
Misinformation	Permitting	La



egative public image

ermitting

ack of social license thinking; ick of lifecycle thinking



What types of challenges are you seeing in the mining industry?

Misunderstanding	Community engagement and communication	Mi
Poor messaging leading to lack of broader support, permitting timelines, lack of workforce, not enough collaboration, short term thinking	Misinformation	Pe
Lack of statewide engagement	Lack of Ownership	!#'



Mentimeter

sinformation

ermission is often denied by tsiders

*&!\$



What types of challenges are you seeing in the mining industry?

Land use, permits, misinformation, retention,	The future of mining.	Relat
Perception on industry	Costs for Infrastructure grossly misunderstood by general popluace	Ur re ap
Mis-information	We want it all, but we don't want to pay for it HERE	Pe



egulatory, permit delays and wsuits on permitting

ncertainty over land access, gulations, and conflicting oproaches state/federal

ermitting process



What types of challenges are you seeing in the mining industry?

Misunderstanding, or lying about science, engineering and macroeconomics

Sustaining operations competitive market long term.

Policy threats Global competition Permitting timelines Lack of state government support

Commitment to post mine use

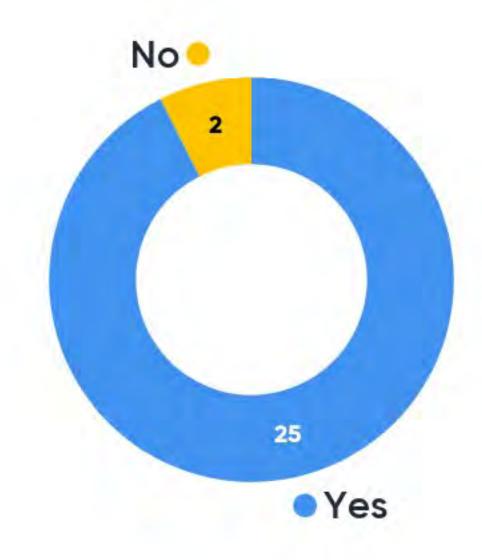


Mentimeter

Projecting a positive image. Providing positive information.



Would a speaker series on relevant LVP topics be useful?











Mentimeter

New Reclamation Technology and Trials

Tribal perspectives

What has been done in closed mines around the world.



Economic challenges and successes in great MN (beyond the Range)

Tribal

Tribal viewpoints in a variety of topics

Tribal relations	
Tribal	
External - role of mining in society	



Mentimeter

ture mine plans

ow to answer questions from ers on environmental issues. . mining for the general blic

clamation success stories in her mining regions



Mining and environmental macroeconomics	Engage other historic mining areaswhat's their SWOT?	
Inter community priorities and timelines	Mine plans	
Different reclamation ideas - what others have done in their areas.	Visit former mining site that was redeveloped such as bay harbor michigan	



Mentimeter

nvironmental related

uccessful intermediate use

echnology



community relations practices in other areas, showing how much work we have done to be proactive here, perspectives from non-Rangers

How other jurisdictions approach our issues

Engaging environmental groups and gaining support

Post Mine use successes

Reclamation

Agriculture industry meeting work shortage - how communities engaged a new immigrant workforce



Mentimeter

Life cycle thinking Social license implementation Mine land reclamation Climate change planning

External - social justice implications of importing minerals

Mining Stewardship of the Land & Resources



Community and reclamation projects examples from other states. How have they each benefited working together.

World wide reclamation examples



Mentimeter

Reuse of mining properties.. what, where and when



Are you excited about more snow?







Thank you for participating!



LVP Strategic Planning: Mining Survey Summary

Conducted Winter 2020

The LVP mining survey sought opinions on the organization from representatives of each of the five Iron Range mining companies currently operating or in the permitting process. The mining companies view LVP as a unique forum, both as they advance their work in mineland reclamation and as an opportunity for broader community engagement.

Familiarity with Group

- Three survey respondents were very familiar with the group, while one had a moderate level and a fifth had limited experience
- Their views of its importance reflected these levels of familiarity
- Two would like a clearer understanding of the group's strategic purpose
- Three recommended specific purposes, including learning from other mining regions, focusing on specific projects, and NGO participation and outreach
- Those who were familiar with the format found it useful, though one thought the room used was too small

Community Engagement

- All agreed LVP has provided a forum for general communication between mining companies and local and regional partners
 - Several noted that communication on more specific projects happened outside of LVP
- One appreciated that it got them in front of an audience they do not see in their regular engagement efforts
- All five companies have existing community engagement practices, though some have monthly standing meetings and are active in chambers while others are more ad hoc in their efforts
- All five mentioned regulatory and permitting issues as their foremost challenges
 - Workforce emerging as a secondary concern
 - Individual mentions of energy costs, aging infrastructure, and the long-term viability of resources

Mineland Reclamation

- All operating mines are actively carrying out plans for mineland reclamation and the future mines have it as part of their planning
- Only one has used the Peter Mitchel Mine Landscape Framework Plan
 - All but one was familiar with it and several indicated they may use it in the future
- All were receptive to training for mining engineers, though several wanted more information on the scope of such training

<u>Summary</u>

- Overall, the mining companies saw the value of LVP in its provision of community engagement opportunities and resources related to mineland reclamation
- Further honing the group's strategic purpose and the companies' role within it would give them greater clarity
- Finding ways to integrate their leading concerns with LVP programming would increase their buy-in

LVP Strategic Planning: Coordinating Committee Survey Summary

Conducted Winter 2020

Seven members of the LVP coordinating committee completed a survey on the group's mission, vision, name, objectives, and outcomes and action steps from a previous strategic plan. The survey revealed a group that largely valued the group's recent mission, vision, and strategic direction, but saw room for edits and improvements to better articulate its scope of work and hone its priorities for coming years.

Mission, Vision, Name, and Strategic Direction

- All respondents saw the importance of a clear mission and vision, while most believed the existing versions are relevant
- Several saw opportunities for improvement, particularly with the vision
 - Focuses too narrowly on the landscape architecture aspect of the LVP's scope
 - Doesn't quite capture the unique membership of the group and the role LVP has played (or could play)
 - Points of emphasis: LVP's role in creating connections between mining, government, and business and community leaders, and the long-term human benefits to the projects
- The name of LVP inspired mixed feelings
 - Most respondents still felt it was relevant
 - Several did say it could be improved and another was unclear
- All respondents agreed the multiple objectives were important given the number of roles LVP plays, and any suggested revisions tended to expand the list, with more focus on community engagement and collaboration

LVP Website

- All respondents who answered the question said the website is valuable
- Several said it could better host information on completed projects and the organization itself
- While not all used it regularly, they found it a valuable place to store meeting information, previous presentations, speaker materials, and maps

Outcomes and Action Steps

The second half of the survey asked coordinating committee members to review 14 proposed outcomes for the organization and several related action steps

- For most questions, a large majority of respondents said the objectives and action steps needed continued work
- Many were ongoing activities that do not have a clear end date and will remain in process
- With some exceptions, the respondents appeared to believe these steps should remain within LVP's scope
- All agreed ongoing communication needed work
 - There is a need to acknowledge funders on website
- Maintenance of the 50-year mine land use map and its dissemination received universal support for continued work

Several objectives and action steps, however, did not receive such a unanimous or near-unanimous opinion. Several of these involved technology or forms of communication:

- Four of seven called the action step regarding the creation of a Facebook page irrelevant
- Several also found email blasts to members irrelevant
- The creation of a regional GIS system, perhaps in coordination with St. Louis County, received mixed reviews, with four saying it needed work while two found it irrelevant and one called it complete

Additional items of note:

- Several found effort to coordinate design standards with the DNR irrelevant
- Action steps related more explicitly to design standards and education around them, while typically supported by 5 of 7 respondents, did not receive as widespread support as the items involving demonstrations and communication
- While respondents widely saw collaboration on bricks and mortar projects as another outcome needing continued work, respondents were more divided on the importance of visible, short-term projects (with three calling this outcome irrelevant or complete)
- The creation of a web-based innovation grant project development handbook had a majority label it irrelevant

Summary

- LVP coordinating committee members see the importance of a cohesive vision, mission, vision, and strategic direction for the group
- They largely support current efforts but would like to see some refinement to better reflect the broad, community engagement-based scope of LVP
- They value the LVP website but saw less need for new tools to expand its presence



STRATEGIC PLANNING SUBSET SESSION

March 10, 2020 9:00AM – 12:00PM Department of Iron Range Resources & Rehabilitation Eveleth, MN

RECOMMENDED NEW VISION

Shaping evolving landscapes for future generations.

CURRENT VISION

Transforming pits and piles into living lakes and landscapes...our legacy for the future.

RECOMMENDED NEW MISSION

A regional collaboration that invests in our diverse community by:

- Developing opportunities for (changing or dynamic) minescapes,
- Preserving lands to sustain current and future mining, and
- Providing resources and education

CURRENT MISSION

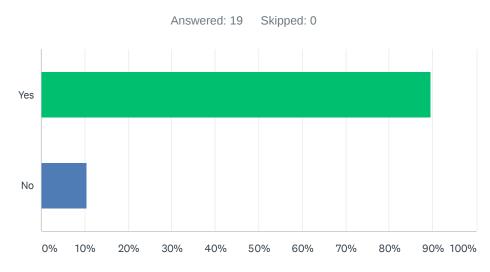
The Laurentian Vision Partnership is a regional coalition that promotes the development of productive post mining landscapes by cooperating in:

- Preserving lands to sustain current and future mining,
- Promoting landscape options for post mining uses,
- Identifying and discussing new development opportunities, and
- Providing the tools to achieve these goals.

NAMES TO VOTE ON

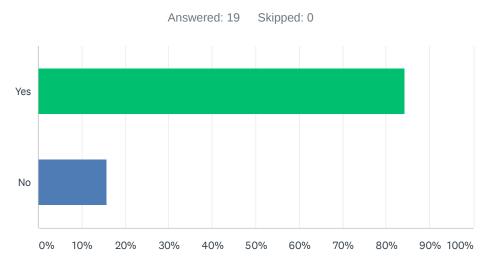
Laurentian Vision Partnership Mineland Vision Partnership Minescape Vision Partnership Minnesota Mining North (MN²) Minnesota Mining Tomorrow

<u>CURRENT NAME</u> Laurentian Vision Partnership Q1 On March 10th the subset strategic planning group met to create a new vision statement. Please review the current and recommended vision and respond to the statement below. CURRENT VISION Transforming pits and piles into living lakes and landscapes...our legacy for the future. RECOMMENDED NEW VISION Shaping evolving landscapes for future generations. 1.) Do you agree that this recommended vision statement best represents the intent of the group?



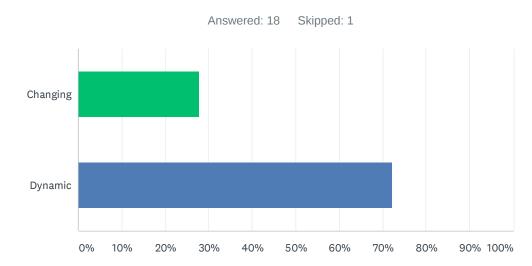
ANSWER CHOICES	RESPONSES	
Yes	89.47%	17
No	10.53%	2
TOTAL		19

Q2 On March 10th the subset strategic planning group met to create a new mission statement. Please review the current and recommended mission and respond to the statement below.CURRENT MISSIONA regional coalition that promotes the development of productive post mining landscapes by cooperating in:• Preserving lands to sustain current and future mining,• Promoting landscape options for post mining uses,• Identifying and discussing new development opportunities, and• Providing the tools to achieve these goals.RECOMMENDED NEW MISSIONA regional collaboration that invests in our diverse community by:• Developing opportunities for (changing or dynamic) minescapes,• Preserving lands to sustain current and future mining, and• Providing resources and education2a.) Do you agree that this recommended mission statement best represents the intent of the group?



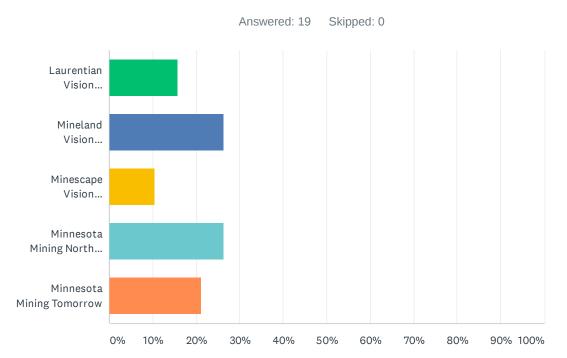
ANSWER CHOICES	RESPONSES	
Yes	84.21%	16
No	15.79%	3
TOTAL		19

Q3 2b.) Do you feel 'changing' or 'dynamic' is the best word choice for the first bullet in the recommended new mission?



ANSWER CHOICES	RESPONSES	
Changing	27.78%	5
Dynamic	72.22%	13
TOTAL		18

Q4 3.) On March 10th the subset strategic planning group met to bring forward potential names for the group. Please vote on the name you feel best represents the intent, vision, and mission of the group:



ANSWER CHOICES	RESPONSES
Laurentian Vision Partnership	15.79% 3
Mineland Vision Partnership	26.32% 5
Minescape Vision Partnership	10.53% 2
Minnesota Mining North (MN2)	26.32% 5
Minnesota Mining Tomorrow	21.05% 4
TOTAL	19

Q5 4.) Consider the following question(s): "What innovative, substantial actions will address our threats/weaknesses (from the S.W.O.T. attached in email) and move us toward our vision?" Another way to ask this could be: "What innovative, substantial actions will aid us in shaping evolving landscapes for future generations?" Brainstorm a list on your own, shoot for at least 7 ideas. Then select your 3-5 best ideas and submit them here. (Must be 10 words or shorter.) Focus on ideas that are feasible and within the realm of this group's ability to accomplish

Answered: 14 Skipped: 5

ANSWER CHOICES RESPONSES 100.00% 14 1 100.00% 14 2 92.86% 13 3 50.00% 7 4 28.57% Δ 5 # 1 DATE 1 science based mineland reclamation 4/28/2020 6:38 PM 2 4/28/2020 3:36 PM Increase Producer and Regulator engagement/communication 3 Collaboration 4/28/2020 2:56 PM 4 Develop a plan to promote the organization's work 4/28/2020 2:40 PM 5 Educate and learn together 4/28/2020 2:38 PM 6 Better comunication and outreach. 4/28/2020 2:28 PM 7 Continued partnerships will be very important to the regions success 4/28/2020 2:07 PM 8 Select and showcase several minescape projects or initiatives 4/28/2020 12:39 PM 9 Communication! Communication!! Communication!!! 4/28/2020 11:34 AM 10 Showcase LVP on websites, local newspapers, 1 page handouts, etc 4/28/2020 11:30 AM Meaningful business / tourism assistance and marketing that craete revenue 4/28/2020 9:54 AM 11 12 Improved group collaboration with a positive mining focus 4/27/2020 3:49 PM 13 More community engagement via events and tours 4/27/2020 11:14 AM 4/27/2020 10:30 AM 14 Develop a statewide communication plan

LVP Strategic Planning

#	2	DATE
1	share best practices & bring subgroups together	4/28/2020 6:38 PM
2	Promote and fund innovative reclamation studies	4/28/2020 3:36 PM
3	Communication	4/28/2020 2:56 PM
4	Consider Board of Directors/Advisory Committee	4/28/2020 2:40 PM
5	Bring speakers from mining regions similar to ours, what have they done successfully	4/28/2020 2:38 PM
6	Include all interested parties.	4/28/2020 2:28 PM
7	Envolve/engage the Range Engineering Program	4/28/2020 2:07 PM
8	Create a committee to meet with TV and newspaper leadership	4/28/2020 12:39 PM
9	Mix of short term projects (the sizzle) and long term projects (the vision)	4/28/2020 11:34 AM
10	Help accomplish goals through separate subcommittees and Skype meetings, etc	4/28/2020 11:30 AM
11	Activity , appraoch now that is based on a "post Carona" environment	4/28/2020 9:54 AM
12	Improved mining-based public educational outreach	4/27/2020 3:49 PM
13	More consistent narrative about mining = environmental stewardship	4/27/2020 11:14 AM
14	Continue providing landuse tools and resources	4/27/2020 10:30 AM
#	3	DATE
1	share successes broadly	4/28/2020 6:38 PM
2	Develop focus studies that interview and initiate integration of community ideas	4/28/2020 3:36 PM
3	Outreach	4/28/2020 2:56 PM
4	Consider ways to make the group more credible as an unbiased organization-bring in more partners	4/28/2020 2:40 PM
5	Secure mining company's participation	4/28/2020 2:38 PM
6	Look for oppotunities for grant and other financial assurances.	4/28/2020 2:28 PM
7	Educational speaker series on post mine lands utilization	4/28/2020 2:07 PM
8	Work with MCC, IMA and Mining Minnesota on joint mining advocacy efforts	4/28/2020 12:39 PM
9	Shorter, more frequent meetings will facilitate participation in the WHOLE meeting	4/28/2020 11:34 AM
10	Update land use mapping and evaluate publicly funded project suitability	4/28/2020 11:30 AM
11	Improved coordination within the mining community	4/27/2020 3:49 PM
12	More engagement with entrepreneurs to encourage next generation businesses	4/27/2020 11:14 AM
13	Find and support educational outreach partnerships	4/27/2020 10:30 AM
#	4	DATE
1	engage mining operations & understand roadblocks	4/28/2020 6:38 PM
2	Education	4/28/2020 2:56 PM
3	Get ideas from other mining districts in N. America	4/28/2020 2:40 PM
4	Engage with tribal partners	4/28/2020 2:38 PM
5	Invite other partners to participate in the LVP mission	4/28/2020 11:30 AM
6	Broaden education and understanding beyond the local region	4/27/2020 3:49 PM
7	Complete a stakeholder analysis	4/27/2020 10:30 AM

LVP Strategic Planning

#	5	DATE
1	Strong leadership	4/28/2020 2:56 PM
2	Reclamation grant incentives to mining companies using LVP reclamation principles	4/28/2020 11:30 AM
3	Focus on "responsible" mining	4/27/2020 3:49 PM
4	COntinue providing community grants	4/27/2020 10:30 AM

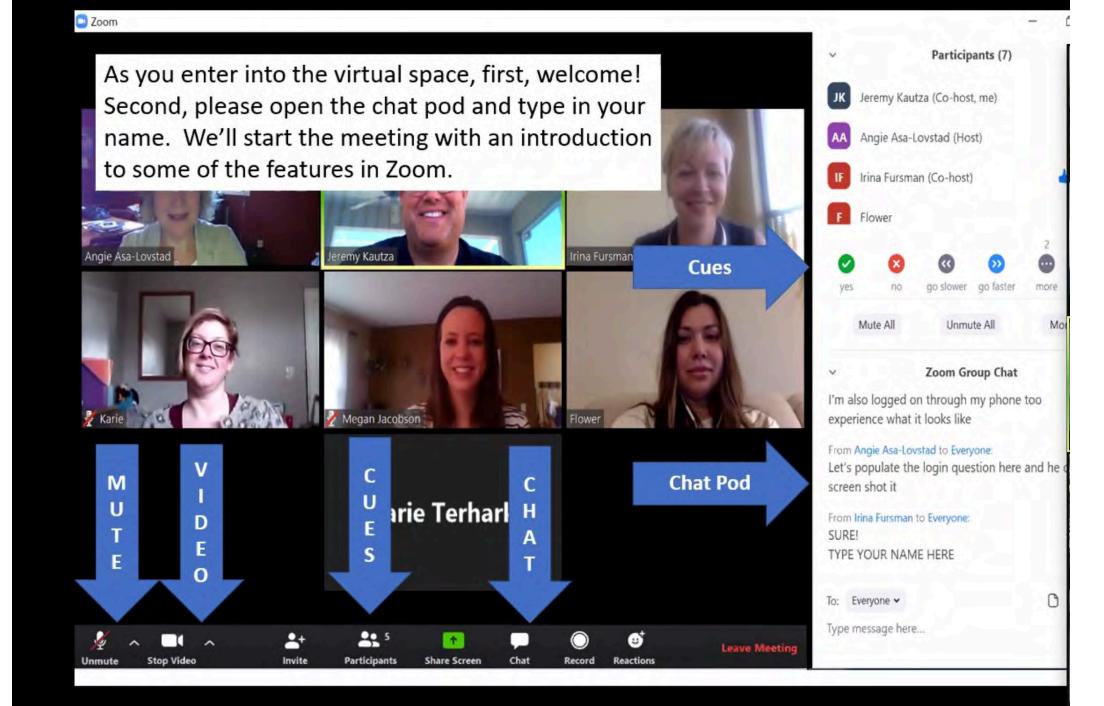


STRATEGIC PLANNING

10:30AM – 12:00PM 4.29.20 PART 1 OF 2

AGENDA

5 10:30AM	Welcome & Introductions
10:40AM	Material Review
2 10:50AM	Survey Results
🚢 11:00AM	Strategic Direction Consensus Workshop
炎 12:00PM	Adjourn



Agreements for an Effective Meeting Space

- Remain on-camera at all times (except breaks).
- Remain available-to-be-on-mic. You can mute while others are speaking/presenting, but be ready to participate.
- Avoid distractions: turn other devices to airplane mode and minimize open windows on your computer.
- · Feel free to raise your hand on camera or using nonverbal tools in Zoom.

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Use the phrase "I'm complete ... " to indicate when you are done speaking.



Be mindful of your "airtime." We will occasionally call on people to ensure your voice is heard or create breathing room in the discussion. Consider this an invitation, not an obligation!

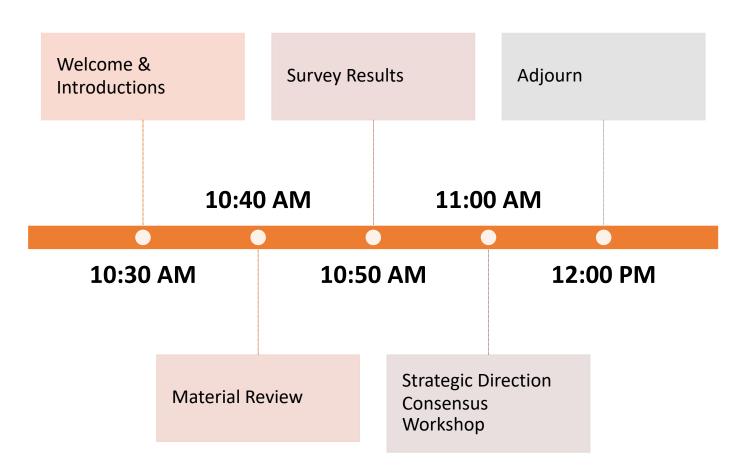


Grab a squeeze ball or fidget toy to keep your hands occupied and avoid the urge to <u>Always Be Clicking!</u>



- Have grace with yourself and others. We're all figuring this out together!
 How do you want to show up today? What's one intention you'd like to set
 - How do you want to show up today? What's one intention you'd like to set for yourself?

Welcome & Introductions



Material Review

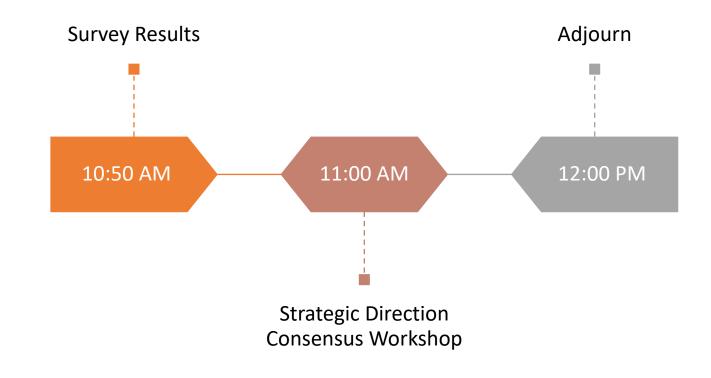
10:40AM N

Material Review

- LVP Handout 1.29.20 SWOT.Ideas.VisionValueWords.pdf
- LVP Mentimeter Survey 1.29.20.pdf
- LVP Coordinating Committee Survey Summary.pdf
- LVP Mining Survey Summary.pdf
- LVP 3.10.20 Vision.Mission.Names.pdf

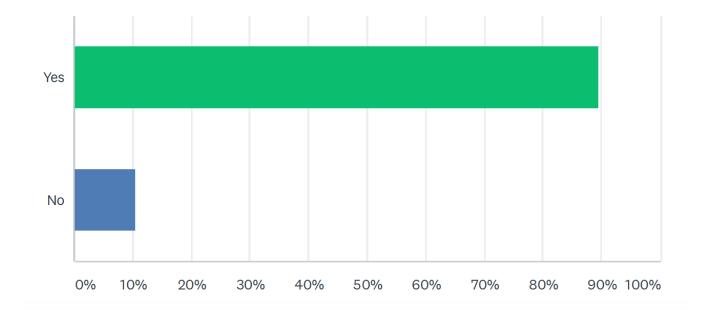
10:50AM	Survey Results
11:00AM	Consensus Workshop
12:00PM	Adjourn

Survey Results

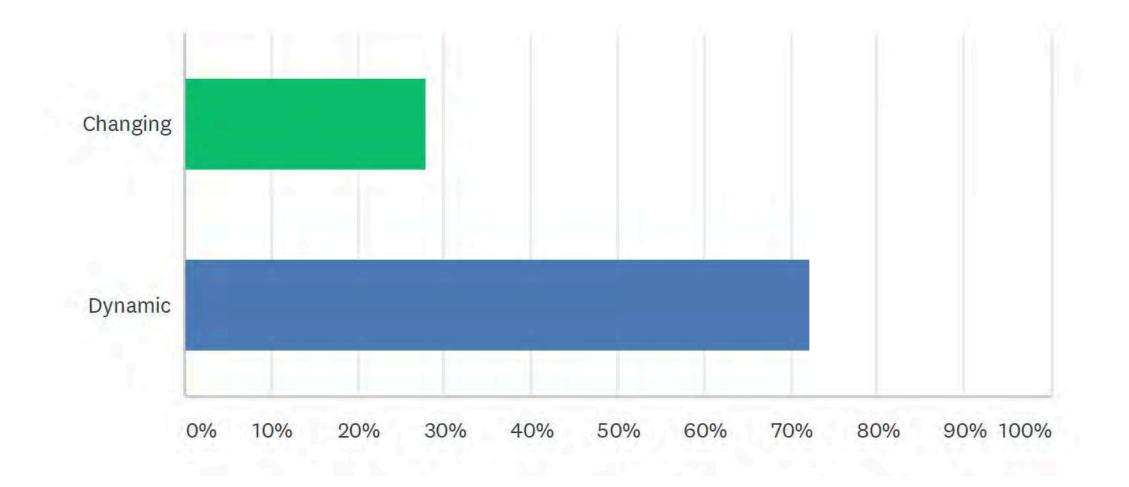


NEW VISION

Shaping evolving landscapes for future generations.



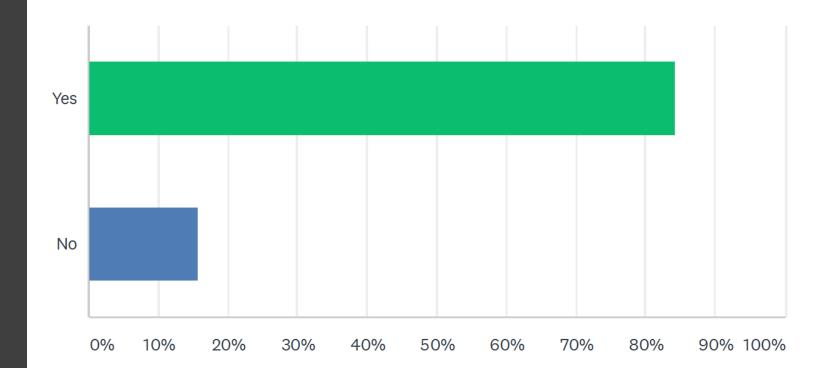
Do you feel 'changing' or 'dynamic' is the best word choice for the first bullet in the recommended new mission?



NEW MISSION

A regional collaboration that invests in our diverse community by:

- Developing opportunities for dynamic minescapes,
- Preserving lands to sustain current and future mining, and
- Providing resources and education



Top 3 Vote-Getters Please vote on the name you feel best represents the intent, vision, and mission of the group:



Mineland Vision Partnership



Minnesota Mining North (MN2)



Minnesota Mining Tomorrow

New Group Name: Mineland Vision Partnership

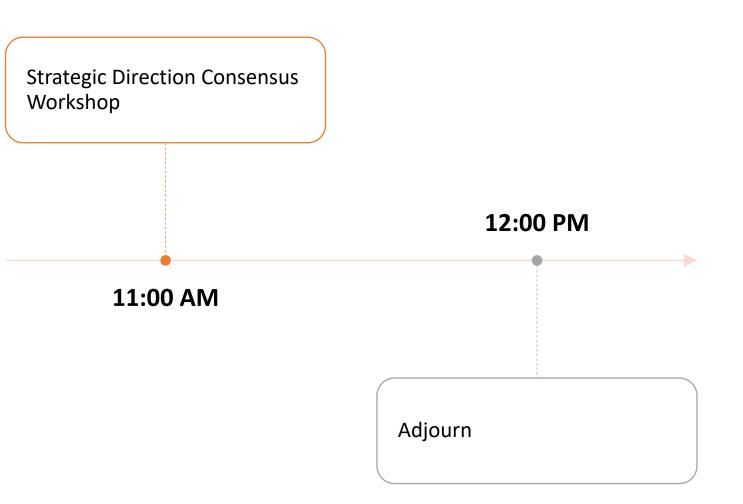
31.6% 63.2%

Pick One:

19 responses

Mineland Vision Partnership
 Minnesota Mining North (MN2)
 Minnesota Mining Tomorrow

Strategic Direction Consensus Workshop



Next Steps & Adjourn



10:30AM – 12:00PM Friday 5.1.20 | PART 2 OF 2



12:00PM

Adjourn

Laurentian Vision Partnership Transforming pits and piles into lakes and landscapes

What innovative, substantial actions will aid us in shaping evolving landscapes for future generations?

Expand Mining Partnerships	Engage Stakeholder Groups	Educate & Outreach	Fund New Projects	Promote MVP	Operate MVP
 Secure mining company's participation engage mining operations & understand roadblocks Increase Producer and Regulator engagement / communication Improved coordination within the mining community 	 Work with MCC, IMA, and Mining Minnesota on joint mining advocacy efforts Invite other partners to participate in the LVP mission Consider ways to make the group more credible as an unbiased organization, bring in more partners Develop focus studies that interview and initiate integration of community ideas Continued partnerships will be very important to the regions success Include all interested parties Involve / engage the Range Engineering Program More engagement with entrepreneurs to encourage next generation businesses Engage with tribal partners Complete a stakeholder analysis 	 Educational speaker series on post mine lands utilization Improved mining- based public educational outreach Bring speakers from mining regions similar to ours, what has been successful More consistent narrative about mining = environmental stewardship Select and showcase several minescape projects or initiatives share best practices & bring subgroups together Find and support educational outreach partnerships Get ideas from other mining districts in North America Activities based on a "post Corona" environment 	 Continue providing community grants Mix of short term projects (the sizzle) and long term projects (the vision) Continue providing landuse tools and resources Meaningful business / tourism assistance and marketing that create revenue Look for oppotunities for grant and other financial assurances. science based mineland reclamation Update land use mapping and evaluate publicly funded project suitability Promote and fund innovative reclamation studies Reclamation grant incentives to mining companies using LVP reclamation principles 	 Develop a plan to promote the organization's work Develop a statewide communication plan Better communication and outreach More community engagement via events and tours share successes broadly Improved group collaboration with a positive mining focus Focus on "responsible" mining Create a committee to meet with TV and newspaper leadership Broaden education and understanding beyond the local region Showcase LVP on websites, local newspapers, one page handouts, etc 	 Shorter, more frequent meetings will facilitate participation in the WHOLE meeting Strong leadership Consider Board of Directors / Advisory Committee Help accomplish goals through separate subcommittees and Skype meetings, etc

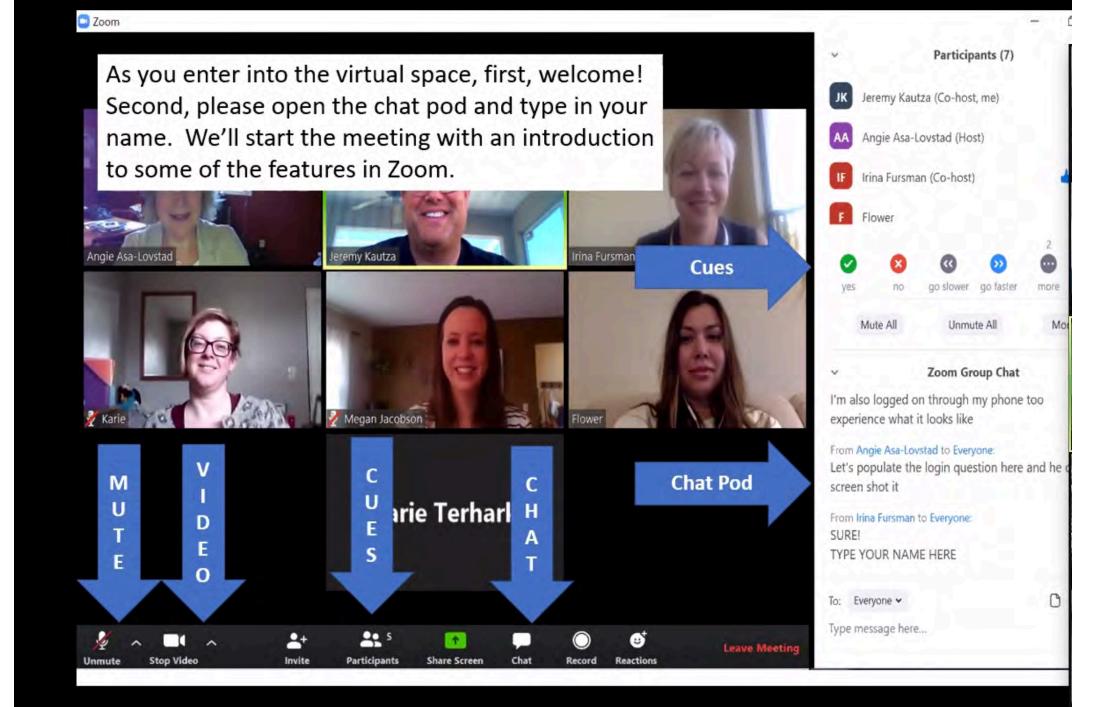


STRATEGIC PLANNING

10:30AM – 12:00PM 5.1.20 PART 2 OF 2

AGENDA

10:3	30AM	Welcome & Introductions
10:4	40AM	Material Review
@ 10:5	50AM	Current Situation / Success Indicators / 5-Year Accomplishments
** 11:5	50AM	Full Group Reflection & Wrap Up
الك الم	DOPM	Adjourn



Agreements for an Effective Meeting Space

- Remain on-camera at all times (except breaks).

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- Remain available-to-be-on-mic. You can mute while others are speaking/presenting, but be ready to participate.
- Avoid distractions: turn other devices to airplane mode and minimize open windows on your computer.
- · Feel free to raise your hand on camera or using nonverbal tools in Zoom.
- Use the phrase "I'm complete ... " to indicate when you are done speaking.



Be mindful of your "airtime." We will occasionally call on people to ensure your voice is heard or create breathing room in the discussion. Consider this an invitation, not an obligation!

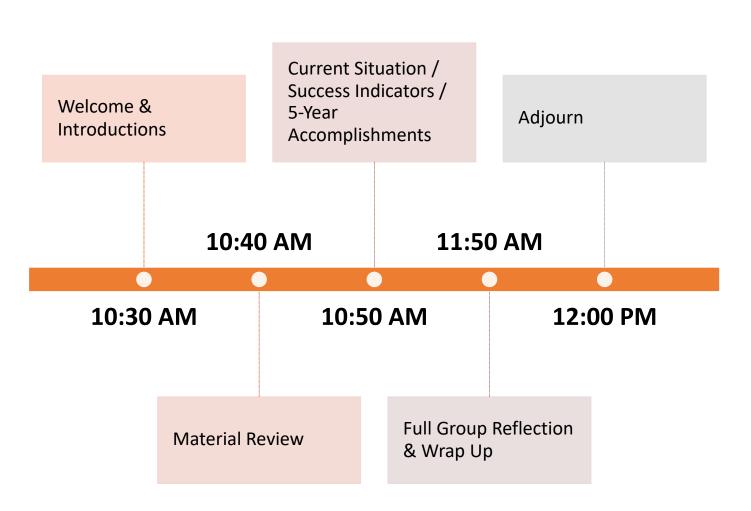


 Grab a squeeze ball or fidget toy to keep your hands occupied and avoid the urge to <u>Always Be Clicking!</u>



- Have grace with yourself and others. We're all figuring this out together!
- How do you want to show up today? What's one intention you'd like to set for yourself?

Welcome & Introductions



Material Review

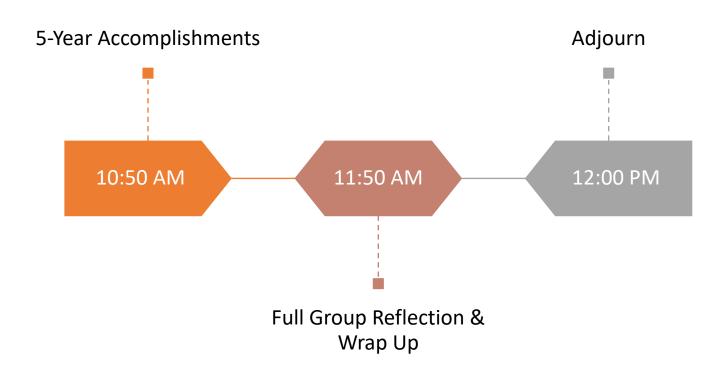
10:40AM

Material Review

- LVP Strategic Direction Consensus Workshop 4.29.20.pdf
- LVP 4.29 SP Part 1 of 2.pdf
- Strategic Direction Major Clustering & Re-Naming

10:50AM	5-Year Accomplishments
11:50AM	Reflection & Wrap Up
12:00PM	Adjourn

5-Year Accomplishments



Full Group Reflection & Wrap Up



Next Steps & Adjourn



NEXT STEPS

- Draft Plan w/Linda, Jim, & Shelly

- Present Plan at Virtual Full MVP Meeting scheduled for May 20, 9AM



12:00PM

Adjourn

Laurentian Vision Partnership Transforming pits and piles into lakes and landscapes

5.1.20 Major Clusters & Re-Naming What innovative, substantial actions will aid us in shaping evolving landscapes for future generations?

Enhancing Stak	eholder Partnerships	Educating Partners & the Public	Investing in Mineland Communities	Optimizing Organization & Communications
 Secure mining company's participation engage mining operations & understand roadblocks Increase Producer and Regulator engagement / communication Improved coordination within the mining community 	 Work with MCC, IMA, and Mining Minnesota on joint mining advocacy efforts Invite other partners to participate in the LVP mission Consider ways to make the group more credible as an unbiased organization, bring in more partners Develop focus studies that interview and initiate integration of community ideas Continued partnerships will be very important to the regions success Include all interested parties Involve / engage the Range Engineering Program More engagement with entrepreneurs to encourage next generation businesses Engage with tribal partners Complete a stakeholder analysis 	 Educational speaker series on post mine lands utilization Improved mining-based public educational outreach Bring speakers from mining regions similar to ours, what has been successful More consistent narrative about mining = environmental stewardship Select and showcase several minescape projects or initiatives share best practices & bring subgroups together Find and support educational outreach partnerships Get ideas from other mining districts in North America Activities based on a "post Corona" environment 	 Continue providing community grants Mix of short term projects (the sizzle) and long term projects (the vision) Meaningful business / tourism assistance and marketing that create revenue Look for oppotunities for grant and other financial assurances. science based mineland reclamation Promote and fund innovative reclamation studies Reclamation grant incentives to mining companies using LVP reclamation principles 	 Develop a plan to promote the organization's work Develop a statewide communication plan Better communication and outreach More community engagement via events and tours share successes broadly Improved group collaboration with a positive mining focus Focus on "responsible" mining Create a committee to meet with TV and newspaper leadership Broaden education and understanding beyond the local region Showcase LVP on websites, local newspapers, one page handouts, etc Shorter, more frequent meetings will facilitate participation in the WHOLE meeting Strong leadership Consider Board of Directors / Advisory Committee Help accomplish goals through separate Update land use mapping and evaluate publicly funded project suitability Continue providing landuse tools and resources subcommittees

Current Realities, Success Indications, and 5-Year Accomplishments May 1st, 2020 21 Virtual Strategic Planning Session: Part 2 of 2

Investing in Mineland Communities

Current Reality:

1 IRRR grant program, historically \$200-\$350K, great for smaller projects that leverage

2 Goal to set land up for future use, short term, mid and long-term

3Currently facilitation is funded by mining and energy partners and IRRR grants to project, tac tax, ~10-\$12k to operation meetings

5 Mineview at Hibbing, Kinney pit landscape enhance, Gilbert, disc golf, enhanced reclamation, hibbtac super stockpile tree planting

Success Indicators: What will be different in 5 years if we really mobilize behind this strategic direction? List 3 to 5.

1 More engagement from mining companies / deeper engagement two-way

2 More ideas and communities appying for projects

3 Better capturing of how the dollars are leveraged

4Projects being replicated disc golf biking etc

5 Science replication at multiple mining acilities and idea sharing

5-Year Accomplishments: What do we need to accomplish in the next 3 years at the level of program, project or event to begin moving from the current reality to where we want to be in 5 years? List 6 to 12.

1 Making sure people know application deadlines and timeframes

2 People know the range of previous projects and what they can do, publish them

3 Recapturing success science-based IP, U kept IP

4 Publicize the projects - next stages of tourism based, share the steps of success

5 Partners are presenting successes, sharing at LMC SME, etc.

6 Sheet to share past projects - road show

Enhancing Stakeholder Partnerships Current Reality:

- 1 Scattered level of participation with mining companies
- 2 Engineer attendance is inconsistent
- 3 Limitations in format for information-sharing
- 4 Broad range of groups attending
- 5 Groups are large. Maybe too large?
- 6 No engagement with tribal partners yet

Success Indicators: What will be different in 5 years if we really mobilize behind this strategic direction? List 3 to 5.

- 1 Meeting style creates opportunities for more idea-sharing
- 2 Information-sharing is continual (beyond 3 meetings)
- 3 More operator engineer attendance
- 4 Tribal engagement through attendees or liaisons
- 5 Updated charettes

5-Year Accomplishments: What do we need to accomplish in the next 3 years at the level of program, project or event to begin moving from the current reality to where we want to be in 5 years? List 6 to 12.

1 Attendee list regularly includes engineers and operators from each mine

2 Hold a charette that generates new attendance from the mines

3 Presentation/summary document of MVP to help drive attendance

4 Roll out new strategic direction to commissioners, mines, and other stakeholders to show new direction

- 5 Meet with tribal group representatives and liaisons to establish a plan for future engagement
- 6 Communications plan defined, inlcuding measurement tools (e.g., website analytics)
- 7 Coordinating committee revisits meeting style format
- 8 Coordinating committee revisits its existing structure and considers methods to expand participation

9 Use tools such as Zoom to expand participation

Educating Partners & the Public Current Reality:

1 We keep educating ourselves (current participants)2 Highlight programs in newspaper insert (e.g., projects funded)

- 3 Grants require city council approval and updates
- 4 Education very regional only Iron Range communities

Success Indicators: What will be different in 5 years if we really mobilize behind this strategic direction? List 3 to 5.

1 Newspaper insert better reflects MVP activity

2 City councils and community members more aware of grant process & get project updates

3 MVP message spread on new and expanded platforms (radio, social media)

4 Expanded education beyond current audience (beyond Range, to students)

5-Year Accomplishments: What do we need to accomplish in the next 3 years at the level of program, project or event to begin moving from the current reality to where we want to be in 5 years? List 6 to 12.

1 DNR radio PSAs feature LVP efforts

2 Student groups (IRE, U of M landscape architecture, HS students) have representation

3 Identify potential Duluth participants/stakeholdes and perhaps hold an MVP meeting in Duluth

4 Seek opportunities for media engagment to higlight successes - appear on MPR, local TV stations

5 Shared plan for promotion of grants between recipients, mines, and MVP

6 Share promotional materials on MVP and project opportunities with faculty

7 Hold a student-driven charette every other year

Optimizing Organization & Communications Current Reality:

1 Website

2 Coordinating committee3 meeting 3x a year, 3x CC4 Facilitated conversation and education5 IRRR road show

Success Indicators: What will be different in 5 years if we really mobilize behind this strategic direction? List 3 to 5.

1 Migrating CC to AC - investigate the Board or more organized volunteert direction
2 Subgroup active in specific community projects
3 A way a now and then at the sites that are funded, visual with technology
4 What's the new way to do FM radio - people could pull over and listen
5 More mine engineers at the meeting

5-Year Accomplishments: What do we need to accomplish in the next 3 years at the level of program, project or event to begin moving from the current reality to where we want to be in 5 years? List 6 to 12.

1 Leverging what communities have doen FM radio, Chisholm walking tour, investigate the best new tech tool for this concept

- 2 Mechanism to promote, boots on the ground, lo-cost options? Subgroup?
- 3 Investigate the Board or more organized volunteer direction
- 4 Personal outreach to network with mining engineers personal touch, peers asking
- 5 LinkedIn professional connections very FB or social media how to?
- 6 Create content to share with DIRRR communications
- 7 MCC great example promotes minerals DNR