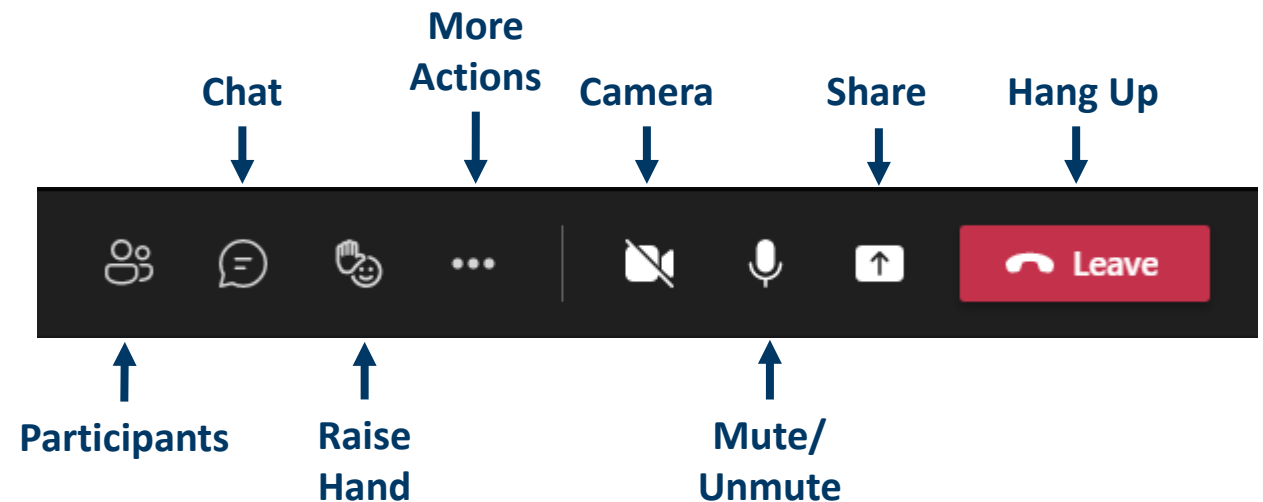


Technology Introduction

- Please mute your microphone unless speaking
- Click on the chat/participant icon to open the chat box/participants list
- For questions, use the raise hand button or comment in the chat
- MnDOT staff will call on members or read comments if there are audio issues
 - Please unmute your microphone and consider turning on your video if you are called on
- Discussion is for members only until the public comment period



Something fun while you wait – feel free to enter responses in the chat box or share verbally

What is your favorite (sustainable) summer outdoor activity?



Sustainable Transportation Advisory Council

May 30, 2023



Public Comment Period Instructions

- Discussion is for members only until the public comment period
- Public comment period at end of meeting at approximately 2:50 pm
- If you are a member of the public here to provide a comment, please send your name to Scott Shaffer in the chat before 2:30 pm

- Co-chairs' welcome
- MnDOT Implementation Activities Related to STAC Recommendations
- Opportunities for STAC to Support Implementation
- Discussion of STAC Structure
- Next Steps
- Co-chair's closing
- Public comment period
- Adjourn

Meeting goals:

- Review integration of STAC recommendations into MnDOT activities.
- Discuss how the STAC supports implementation opportunities
- Discuss and determine STAC structure

Co-Chairs' Welcome



Chris Clark

President, Xcel Energy – Minnesota,
South Dakota, North Dakota



Nancy Daubenberger

Commissioner, Minnesota
Department of Transportation



MnDOT Implementation Activities Related to STAC 2022 Recommendations

- **Fueling And Powering Transportation Recommendations to MnDOT**

- Support increased investment in EV charging infrastructure, especially as it relates to federal infrastructure funding
- Take a proactive leadership role in working with other states to develop a charging and refueling network to support low and zero carbon freight transportation
- Develop a Clean Fuels Policy

- **VMT and Transportation Options Recommendations to MnDOT**

- Prioritize VMT reduction throughout MnDOT
- Lead interagency collaborations to reduce VMT and increase transportation options
- Expand outreach and education activities to promote transportation options and VMT reduction

Integrating STAC Recommendations into MnDOT Activities

- General STAC Related Activities
 - Climate and Resilience Workgroup (CRW)
- MnDOT Fueling and Powering Related Activities
- MnDOT VMT Reduction Target Related Activities

MnDOT General STAC Related Activities

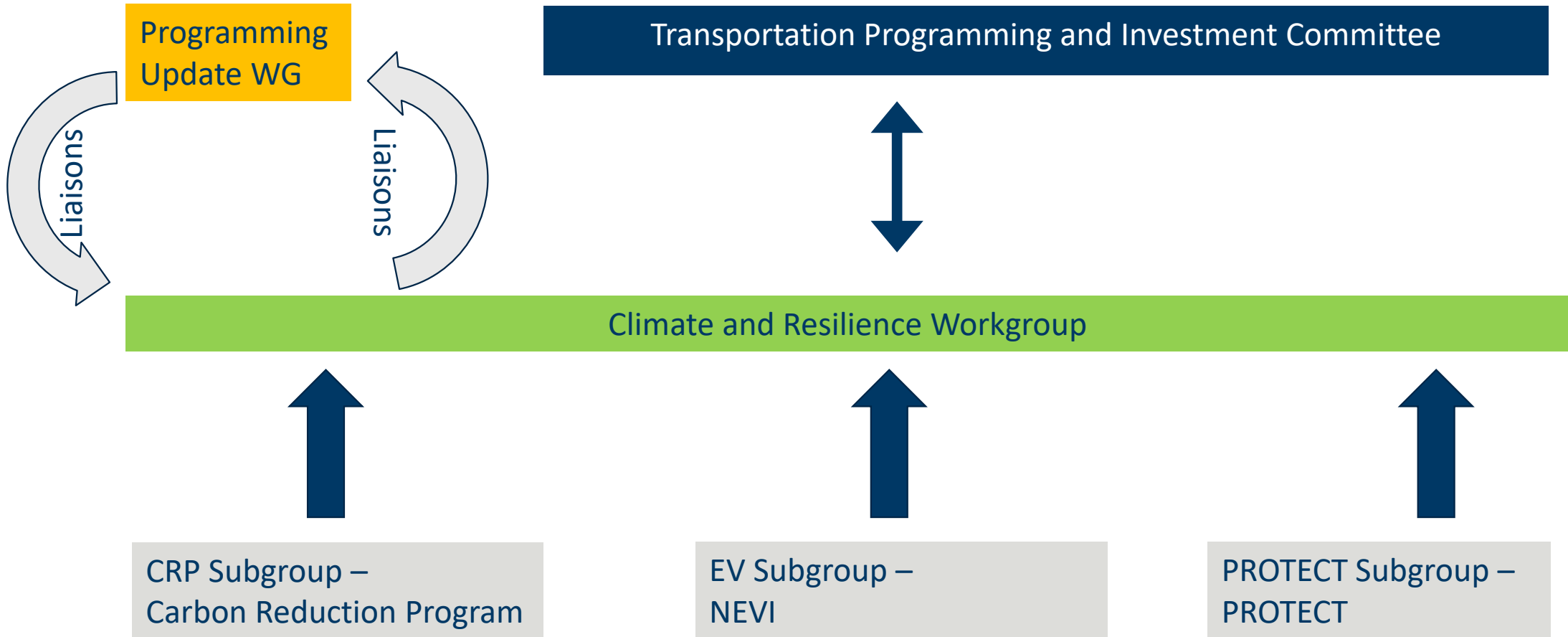
COORDINATION

- ❑ **Climate and Resilience Workgroup (CRW)**
 - ❑ Carbon Reduction Program Subgroup
 - ❑ Electric Vehicle Subgroup
 - ❑ PROTECT Subgroup
- ❑ **Transportation Action Team**
- ❑ **Resilience Advisory Team (RAT)**
- ❑ **Regional Transportation and Climate Change Multimodal Measures** – led by Met Council
- ❑ **MPCA** – consistent measurement of GHGs

CONTRACTS

- ❑ **Carbon Reduction Strategy (CRS)**
- ❑ **PROTECT Resilience Improvement Plan (RIP)**

Climate and Resilience Workgroup



Decision Making Matrix

Federal Program	Funding Distribution	Statewide Planning Priorities	Project Selection
NEVI	CRW, TP&IC	EV Subgroup	Project selection team led by the MnDOT Office of Sustainability and Public Health
CRP	CRW, TP&IC	CRP Subgroup	<ul style="list-style-type: none"> • Area Transportation Partnerships • Metropolitan Planning Organizations • MnDOT
PROTECT	CRW, TP&IC	PROTECT Subgroup	<ul style="list-style-type: none"> • Area Transportation Partnerships • MnDOT Districts



Potential Coordination Opportunities

- Consider STAC liaison(s) to CRW
 - STAC members currently on the CRW include: Charles Carlson
- Consider STAC liaison(s) to subgroups
 - STAC members currently on the subgroups include:
 - EV Subgroup: Mindy Granley, Diana Chaman Salas, Katie Frye, Lisa Thurstin, Brendan Jordan
 - CRP Subgroup: N/A
 - PROTECT Subgroup: N/A
- STAC liaison(s) presents regular updates to STAC workgroups and full STAC

MnDOT Fueling and Powering Transportation Related Activities

COORDINATION

- ❑ **Sustainable Transportation Advisory Council (STAC)** – Fueling and Powering Workgroup (external)
- ❑ **Electric Vehicle (EV) Workgroup of Carbon Reduction Workgroup (CRW)** - provide input on possible Alternative Fuel Corridor nominations, NEVI plan updates
- ❑ **REV Midwest** – multi-state coalition focusing on charging infrastructure

RESEARCH

- ❑ **Fleet Study (completed)** – MnDOT establishing cross-functional EV preparedness team to review vehicle and charging infrastructure needs
- ❑ **Gap Analysis** – EV chargers at statewide level, working to get approved as MnDOT Research project
- ❑ **Funding Scenarios** – Exploring options for replacing the gas tax

CONTRACTS

- ❑ **MN EV Infrastructure Plan Implementation - Site Application Process** – developing application for competitive site proposals to be released in early Fall 2023
- ❑ **Clean Transportation Fuel Standard** – study and address information gaps and opportunities related to a clean transportation fuel standard

MnDOT VMT Reduction Target Related Activities

COORDINATION

- ❑ **Sustainable Transportation Advisory Council (STAC) – Vehicle Miles Traveled Workgroup** (external)
- ❑ **Local Agency Vehicle Miles Traveled Workgroup** (internal coordinated with State Aid)
- ❑ **Greenhouse Gas Emissions Impact Mitigation Working Group** (just beginning – identify timeline and implementation for new GHG/VMT requirements in omnibus transportation bill)

RESEARCH

- ❑ **Field Scan** – Minnesota-specific field scan to identify what local partners are already doing. Gather best practices, case studies, and challenges. (concludes June 2023)
- ❑ **Culture Building** – review behavior change and culture building models to identify transferrable learnings (concludes Dec 2023)

CONTRACTS

- ❑ **VMT Target Analysis and Education** – Facilitate internal agency stakeholder engagement process to identify strategies. Develop internal and external education and messaging materials. (concludes Jan 2024)
- ❑ **VMT Market Research** – Conduct market research study to support development of education and outreach plan (concludes Fall 2023)



STAC Implementation Support

- STAC is approaching end of second year of second version of STAC.
- Many recommendations need support from STAC members to make meaningful progress on implementation.
 - MnDOT is pursuing several activities and contracts to respond to STAC recommendations that would benefit from more time for STAC members to review/participate.
- Further, MnDOT's budget and procurement timelines sometimes limit the ability for MnDOT to follow through on their response to recommendations within the existing annual cycle.



STAC Workgroup Recommendations Support

- **Fueling and Powering Workgroup**

- Weigh in on possible Alternative Fuel Corridor nominations, EV plan annual update, and potentially EV Site Application
- Individual STAC members might reach out to legislators or Department of Administration
- Provide subject matter expertise to EV charger planning

- **VMT Workgroup**

- Provide feedback on VMT-related MnDOT initiatives
(VMT Market Research Study, VMT Target Analysis, MnDOT Corridor Planning Guidebook, VMT-related research efforts)
- Help guide how to make progress on MnDOT's "Explore Further" recommendation responses
- Support building common ground with partners (support communication and education efforts)



STAC Implementation Challenges

- Limited capacity of STAC members to participate in STAC general group meetings and workgroup meetings and related efforts/groups
- MnDOT has so much work going on to implement MnDOT's commitments to STAC recommendations by integrating sustainability work into the agency's practices



STAC Support of Recommendation Implementation

Now that MnDOT has begun to integrate STAC recommendations into processes:

How does STAC continue to advise on MnDOT direction?

How does [answer above] influence STAC structure and meeting workflow?

STAC Implementation Support Options

- **Option 1:** Make recommendations annually (business as usual)
- **Option 2:** Make recommendations every other year (stretch to biennial)
- **Option 3:** Focus on implementation: continue STAC workgroups to support implementation and updates recommendations as needed
 - “Flip” current process: MnDOT produces annual progress report and STAC responds
- **Option 4:** Focus on integration: end current STAC workgroups, STAC advises existing and future MnDOT workgroups as they relate to sustainability and updates recommendations as needed
 - Also “flips” current process: MnDOT produces annual progress report and STAC responds
 - STAC members are encouraged to support implementation activities by participating in other committees

Option 1: Make recommendations annually (business as usual)

- No change to current recommendation process.
- Workgroups continue to meet to make recommendations.
 - May meet to provide implementation support throughout the rest of the year at discretion of workgroup members.
- STAC meeting frequency changes to quarterly (3-4x annually).
 - Change from bi-monthly to give STAC members more time to potentially support implementation activities.

Option 2: Make recommendations bi-annually

- Stretch out the cycle to enable more time for STAC members to support implementation activities.
- Workgroups continue to meet to make recommendations (every other year).
 - May meet to provide implementation support throughout the rest of the year at discretion of workgroup members.
- STAC meeting frequency changes to quarterly (3-4x annually)
 - Change from bi-monthly to give STAC members more time to potentially support implementation activities.

Option 3: Focus on implementation, continue STAC workgroups, and update recommendations as needed

- Focus on implementation: current STAC workgroups continue
 - Workgroups continue to meet throughout the year to provide implementation support at the discretion of the workgroup.
- “Flips” the current reporting schedule so that MnDOT reports and STAC responds.
- STAC meeting frequency changes to quarterly (3-4x annually).
 - Change from bi-monthly to give STAC members more time to support implementation activities.



Option 4: End current STAC workgroups and focus on STAC advising existing and future MnDOT workgroups as they relate to sustainability.

- Focus on MnDOT integration: current STAC workgroups end – STAC meetings reabsorb the content and discussions from the current workgroups.
 - Potential for involvement in existing and future MnDOT workgroups that are related to STAC purpose (support implementation)
- “Flips” the current reporting schedule so that MnDOT reports and STAC responds.
- STAC meeting frequency changes to quarterly (3-4x annually).
 - Meetings structured differently: updates on MnDOT sustainability-related work and get STAC feedback

Options Recap

	Recommendation Process	Workgroup Structure	STAC Meeting Frequency
Option 1: annual recommendations	<i>As is</i> – annually	May/may not change – workgroups meet to develop recommendations. May meet throughout year to provide implementation support at discretion of workgroup members	Change – quarterly
Option 2: biennial recommendations	Change – every other year (next recommendations would be submitted by STAC Dec. 2024)	May/may not change – workgroups meet to develop recommendations. May meet throughout rest of year(s) to provide implementation support at discretion of workgroup members	Change – quarterly
Option 3: focus on implementation – current STAC workgroups may continue	Change – “flip” process: every year MnDOT would submit progress report to STAC by Dec and STAC advises on direction	May/may not change – workgroups may meet to provide implementation support at discretion of workgroup members (e.g., monthly/every other month/as needed)	Change – quarterly
Option 4: focus on integration - current STAC workgroups end	Change – “flip” process: every year MnDOT would submit progress report to STAC by Dec and STAC advises on direction	Change – Current STAC workgroups would end. STAC members may participate in existing and future MnDOT workgroups.	Change – quarterly. Meeting structure changes to prioritize presenting MnDOT work and garnering feedback



Discussion of STAC Implementation Support

- What are your initial thoughts on the options?
- What questions do you have about the options?
- How does the STAC advise MnDOT on direction?
- Where are the spaces STAC recommendations are being implemented?
- Are there other spaces where the work of the STAC should be integrated?

Fist to Five Options

0 (fist) = “I object and will block this recommendation from moving forward.”

1 = “I disagree and have issues with this, but I will stand aside and not block the recommendation from moving forward.”

2 = “I don’t like this very much but I’ll go along.”

3 = “I’m in the middle somewhere: I like some of it, but not all.”

4 = “This is fine.”

5 = “I like this a lot.”

- Fist to Five for each option
- Ranking of options
- Like/concerns

Co-Chairs' Closing



Chris Clark

President, Xcel Energy – Minnesota,
South Dakota, North Dakota



Nancy Daubenberger

Commissioner, Minnesota
Department of Transportation



Public Comment Period



www.mndot.gov/sustainability/advisory-council

Thank you!