

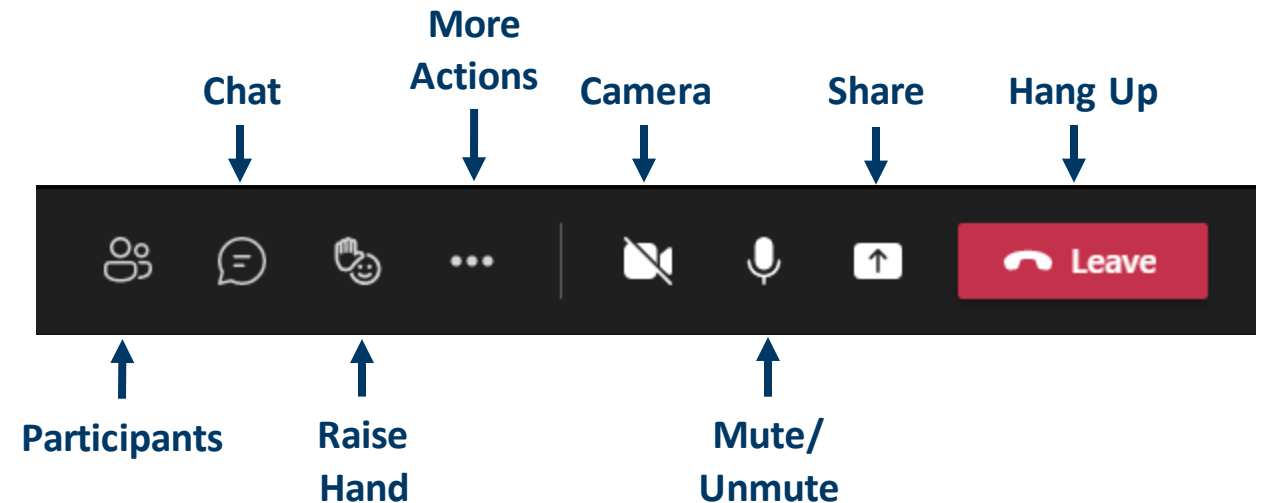


# Sustainable Transportation Advisory Council

December 4, 2023

# 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



# Public Comment Period Instructions

- Discussion is for members only until the public comment period
- Public comment period at end of meeting at approximately 2:25 pm
- If you are a member of the public here to provide a comment, please send your name to Cole Norgaarden in the chat before 2:00 pm

# Agenda

- Co-chairs' welcome
- Introductions
- MnDOT Progress on 2022 STAC Recommendations
- Related Sustainability Opportunities
- Closing from Co-chairs
- Public comment period
- Reflect & Celebrate (In-person)
- Adjourn

## **Meeting goals:**

- Review 2023 progress on recommendations
- Review sustainability opportunities for involvement
- Celebrate STAC progress

# Co-Chairs' Welcome



Chris Clark

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



Nancy Daubenberger

Commissioner, Minnesota  
Department of Transportation

Please share your name and the organization you are representing.

**What is your favorite part of winter in Minnesota?**

# Update on 2024 STAC

- In early 2023, STAC agreed to proceed with "Option 3" format:
  - Quarterly meetings
  - Continue STAC working groups to support implementation and update recommendations
  - MnDOT produces annual progress report and STAC responds
- STAC supported pausing recruitment of a new STAC cohort and having MnDOT revisit STAC purpose following 2024 legislative session.
  - 2024 Session will address reports from Clean Transportation Standard working group and Greenhouse Gas Impact Mitigation working group.



# Review 2023 Progress on STAC Recommendations





## Fueling & Powering Transportation

# FPT Recommendations Update

## Support Electric Vehicle Supply Equipment

- ❑ **RFP for NEVI sites** ~ mid-Dec 2023
- ❑ **Gap Analysis/MnZEVIP** – understand gaps for EVSE for light-duty across MN. Start spring 2024 – June 2025
- ❑ **Carbon Reduction Strategy** – submitted Nov 2023. Electrification category
- ❑ **Legislative funding** - \$13.79 million from 2023 session
- ❑ **Updates** – NEVI annual plan

## Leadership in Refueling

- ❑ **Gap Analysis/MnZEVIP** – understand gaps for EVSE for light-duty across MN. Start spring 2024 – June 2025
- ❑ **MD/HD charging** – first phase of modeling w/U of MN. Updating State Freight Plan to include Clean Truck Strategy
- ❑ **REV Midwest** – in conversation with partners about facilitation and support

## Lead by Example

- MnDOT fleet** – CY 2022 16% of sedans and SUVs in fleet EVs or hybrids. 36 plug in PHEV and 8 BEV.
  - Fleet study completed to help inform purchases/use
  - Procurement challenges persist
- Annual updates** – 2022 Sustainability Report by end of 2023
- Chargers at MnDOT** – 42 chargers received in 2022.

## Clean Fuels Policy

- Clean Transportation Standard Work Group**
  - WG continues to meet
  - Report to Legislature due Feb 1
  - Draft report in progress
  - Summary of draft shared Nov 30 meeting (posted on CTS webpage)

# NextGen Highways: Transmission co-location in highway rights of way

- Transportation electrification cannot be achieved without expanded grid capacity. To support energy security and reliability, better solutions to transmission siting will play an important role in bringing renewables online and increasing grid capacity.
- Decarbonization of energy and transportation are interconnected and interdependent.
- There are strong benefits to expand use of MnDOT highway rights of way for transmission to support the clean energy transition and the increased generation/transmission needed to support the electrification of transportation.

## What's shifted 2020-2023:

- Increasing requests for transmission in ROW
- Expanded relationships with Electric Utilities & Renewable Developers
- Expanded relationships with Commerce & PUC
- New Utility Accommodation processes to support earlier coordination on transmission projects
- Expanded understanding of what's at stake for energy and transportation – MnDOT has a stake in energy – more electricity/transmission is needed for the electrification of transportation to reduce GHG emissions



## Reducing VMT & Improving Transportation Options

# VMT Recommendations Update

## Prioritize VMT Reduction

- ❑ **Future Mobility Planner** – hired Feb 2023
- ❑ **Contract: VMT Target Analysis and Education** – Facilitate internal agency stakeholder engagement process to identify and prioritize VMT reduction strategies (concludes Jan 2024)
- ❑ **Research Study: VMT Field Scan** – Identify what Minnesota local partners are already doing. Gather best practices, case studies, and challenges. (report published July 2023)
- ❑ **Research Study: Culture Building** – review behavior change and culture building models to identify transferrable learnings (expected publication March 2024)

## Project Selection

- ❑ **GHG Impact Assessment** – 2023 legislation requiring all capacity expansion projects to meet GHG and VMT reduction targets.
  - ❑ **GHG Impact Mitigation WG** – developing recommendation report. Two STAC members named in legislation
  - ❑ **Draft report due to legislature Feb 1, 2024**

# VMT Recommendations Update

## Lead Interagency Collaborations

- ❑ **Local Agency Vehicle Miles Traveled Workgroup** – MnDOT Office of Sustainability and Public Health and State Aid co-lead workgroup of city and county elected officials, planners, and engineers
- ❑ **Met Council Transportation Policy Plan** – MnDOT participated in technical working group for climate chapter
  - ❑ VMT reduction target included (20%)
- ❑ **GHG Impact Mitigation Work Group** – MnDOT leads

## Expand Outreach and Education

- ❑ **Research Study: VMT Market Research** – surveyed 700+ Minnesotans about travel behavior and VMT target messaging (**report expected Jan 2024**)
- ❑ **Contract: VMT Target Analysis and Education** – Developing VMT reduction toolkit
- ❑ An upcoming contract will focus on engagement with Metro area partners
- ❑ State Fair Eco-Experience booth revamped
- ❑ Sustainability and Public Health Fellow “Tell Us How You Move Around” project

# Questions?





# Related Sustainability Opportunities

- **GHG Impact Mitigation Work Group** – Chris Berrens
- **Clean Transportation Standard Work Group** – Shannon Engstrom
- **Active Transportation Advisory Committee** – Will Wlizlo
- **Climate & Resilience Work Group** – Amber Dallman

# Questions?



# Co-Chairs' Closing



Chris Clark

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



Nancy Daubenberger

Commissioner, Minnesota  
Department of Transportation

# Public Comment Period

# Time to Celebrate!

*Thank you STAC members!*