Overall Project

• Why EVs?
• Project scope
  – Technical background and landscape
  – Prioritize Strategies for Metropolitan Council to accelerate EV adoption
• Council roles
  – Metro Transit
  – Contracted Services (e.g., Metro Mobility, Transit Link, Contracted Fixed Route)
  – Community Development
  – Long Range Transportation Planning
  – Regional Solicitation
  – Staff, studies, etc.
Why study equity and electric vehicles?

**Burdens**
- BIPOC Minnesotans disproportionately impacted by emissions
- EV users predominately white, middle/upper income, male, urban
- Charging inadequate to serve BIPOC communities

**Benefits**
- Reduced greenhouse gases and improved air quality
- Reduced operating and maintenance costs
- Billions of dollars will be invested in coming years
We focus on intersecting groups and identities that face transportation barriers and burdens.
Equity Analysis Steps

1. National Literature Review
2. Local Interviews
3. Summary memo
Equity Analysis Steps

National Literature Review → Local Interviews → Summary memo
How can EVs contribute to more equitable communities?

1) Planning and Research
2) Charging Infrastructure
3) Benefits and Burdens on the Public
4) Access and Use
5) Leadership and Community Engagement
Equity Analysis Steps

National Literature Review → Local Interviews → Summary memo
The interviewees put the findings in the context of our region.

- **Planning and Research**
  - Met Council Planners
  - City Planners

- **Charging Infrastructure**
  - Affordable housing residents
  - Affordable housing developers

- **Public Benefits & Burdens**
  - Workforce development nonprofits
  - Tribal representatives

- **Access and Use**
  - HourCar
  - Metro Mobility

- **Community Engagement**
  - Neighborhood organizations
  - Community organizers
Equity Analysis Steps

1. National Literature Review
2. Local Interviews
3. Summary memo
Highlights of findings

Planning and Research: Use the regional planning process to build equity goals in relation to EVs.

Charging Infrastructure: • Provide grants to cities to install chargers in areas that will benefit disadvantaged communities.

Public Benefits & Burdens: • Create a metric for car sharing and greenhouse gas reduction in the regional solicitation.

Access and Use: • Fund a study for how to electrify Metro Mobility.

Community Engagement: • Fund BIPOC-led organizations to do engagement and participatory research.
Thank you!

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