



# Climate Action Work Plan

Transportation Advisory Board



December 21, 2022

# Climate Action Work Plan



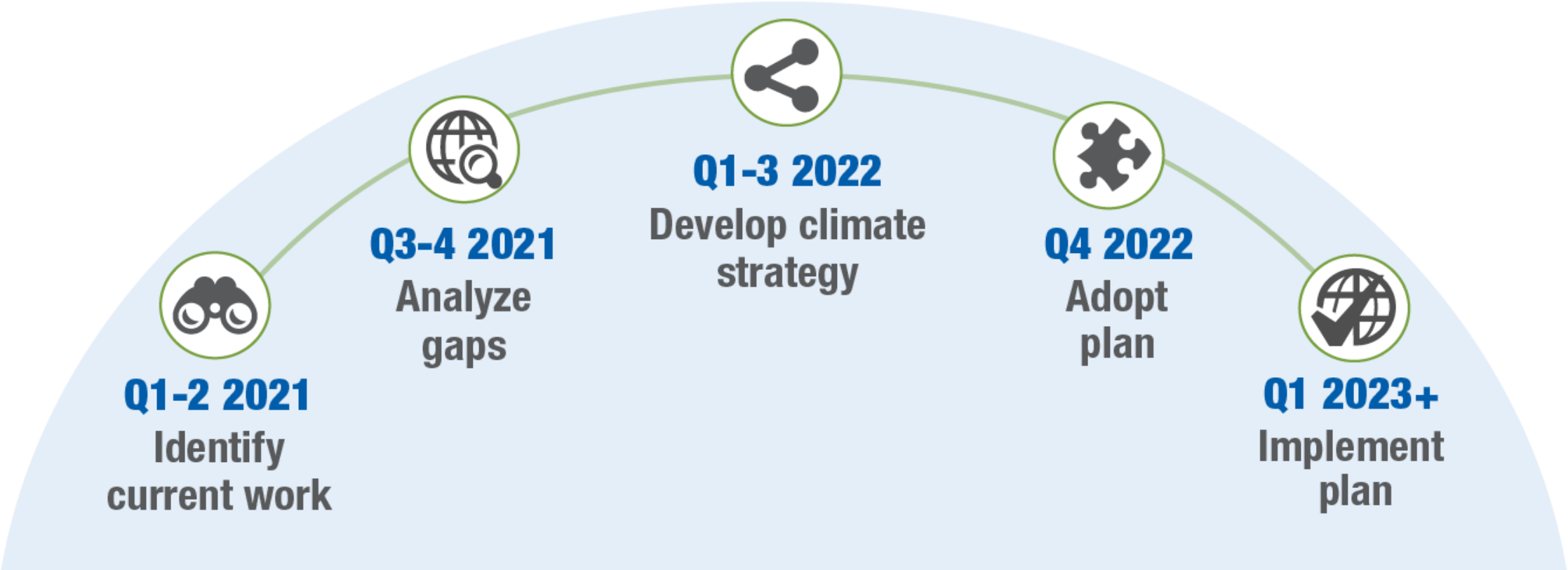
## Purpose of the plan

- Builds on our existing climate work and unifies our efforts across the Council
- Defines commitments, strategies, and actions that will strengthen our ability to deliver services to the region
- Moves us forward on a pledge we made in *Thrive MSP 2040* to become a climate leader

# Developing the plan



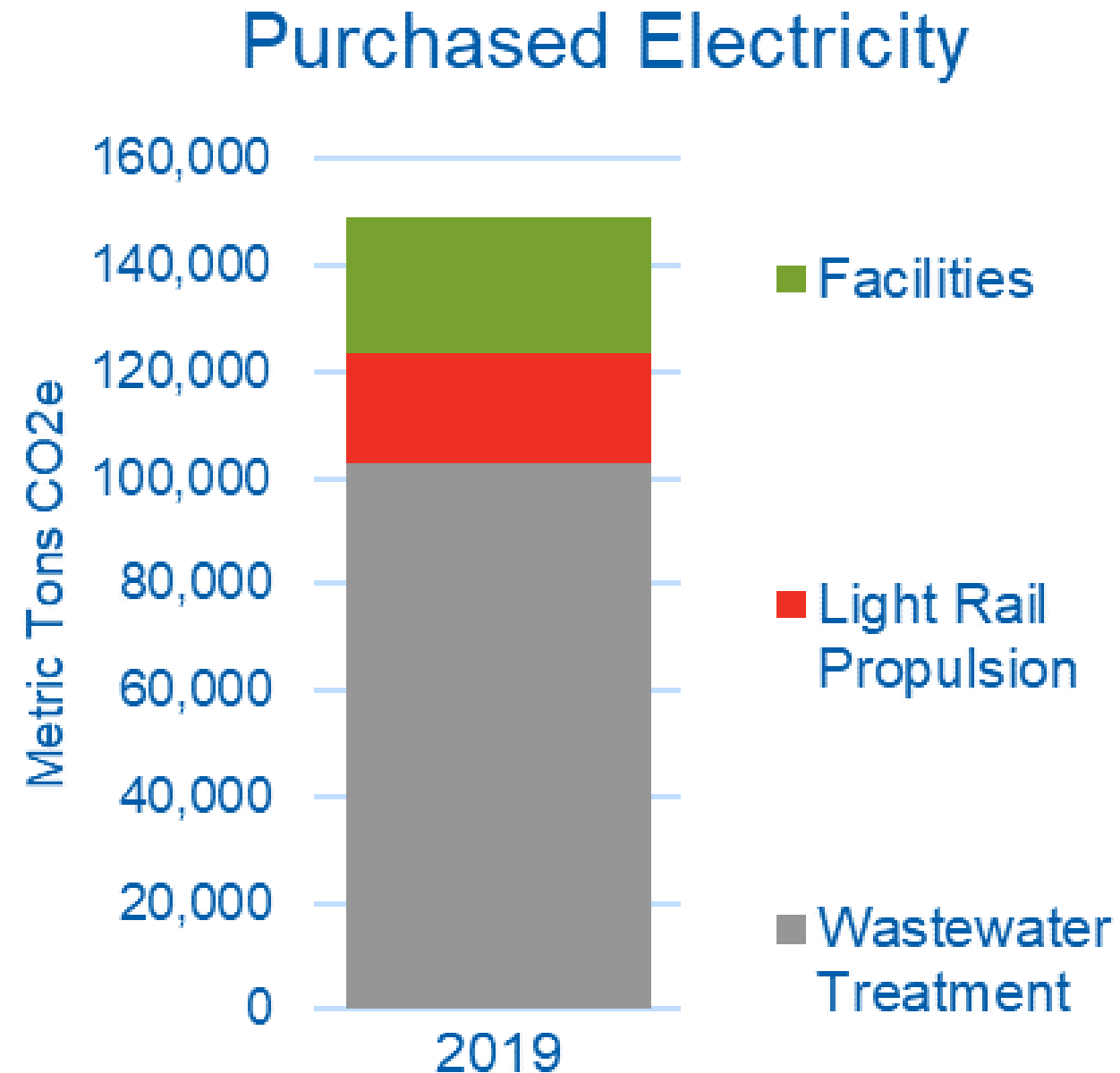
## PROJECT TIMELINE



# Our emissions: Purchased electricity

## Leading source of our emissions

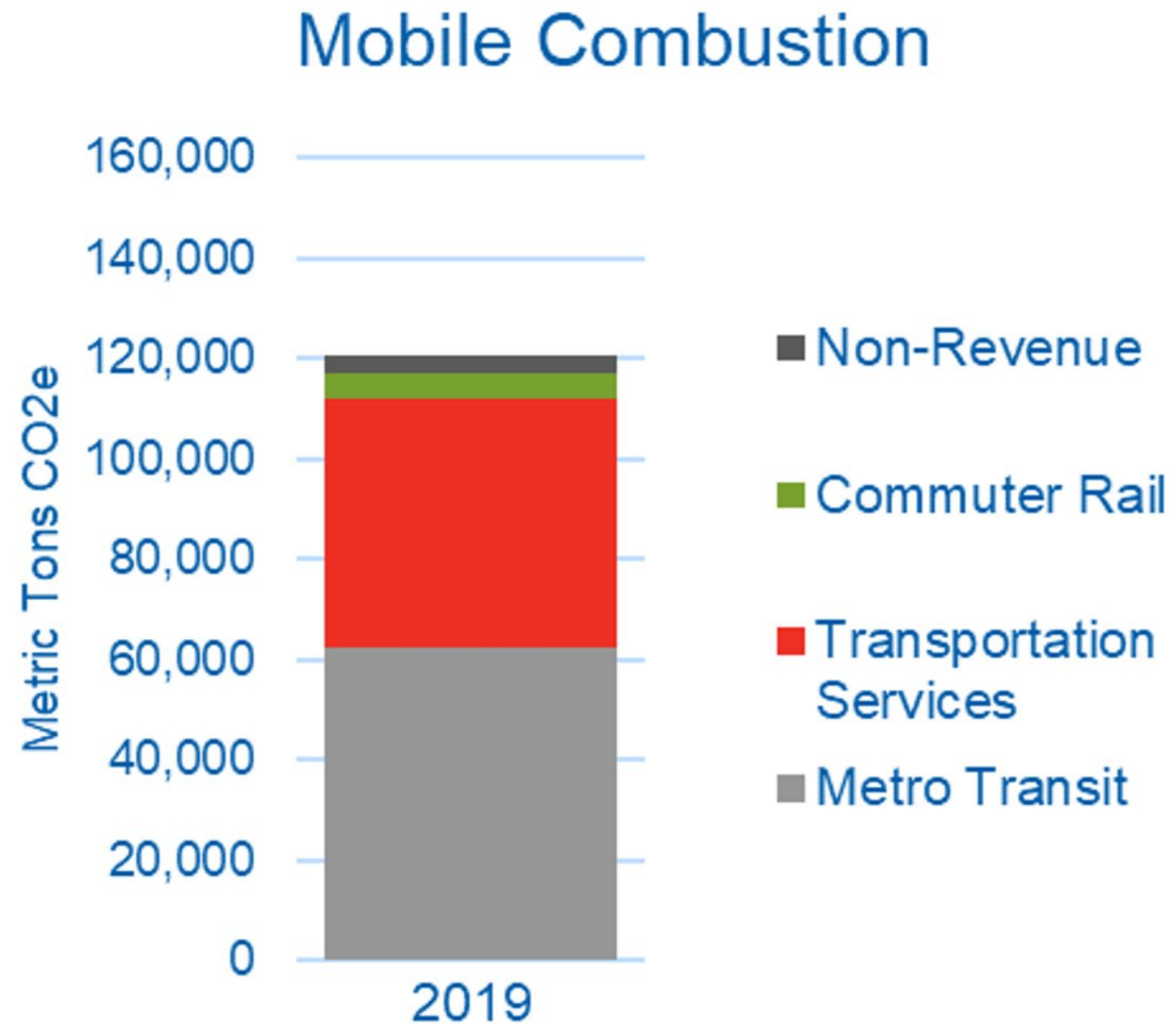
- Electricity powers our wastewater treatment plants, bus garages, light rail operations, and administrative offices.



# Our emissions: Mobile combustion

## Fossil fuels power our vehicle fleets

- Metro Transit and Metro Mobility buses
- Commuter rail
- Nonrevenue vehicles, such as maintenance trucks



# Climate plan basics

## Part of effort across state agencies

- Dovetails with Minnesota Climate Action Framework
- Internal to our planning and operations; it is not a regional climate action plan
- Five-year time frame
- Lays the groundwork for more action beyond 2027
- Organized by commitments, strategies, and actions



# Commitments and strategies



**Commitment 1:  
We will incorporate  
environmental justice  
principles as we plan,  
implement, and evaluate our  
climate action work**

# Mitigation: Reduce Council emissions

**Commitment 2:  
We will accelerate emissions  
reductions from our operations  
to achieve carbon neutrality**





# Mitigation: Reduce regional emissions



**Commitment 3:  
We will accelerate regional  
emissions reduction through  
existing and new  
partnerships**

# Adaptation: Reduce risks and build resiliency at the Council



**Commitment 4:  
We will reduce risks and  
impacts of climate change  
hazards to our facilities and  
services**

# Adaptation: Reduce risks and build resiliency in the region

**Commitment 5:  
We will support  
and collaborate  
with partners to  
advance regional  
climate adaptation  
efforts**



# MTS Planning Actions

## Priority 1

- Develop prioritization criteria and supporting data sets for where and what type of **public charging** is needed to advance electric vehicle ownership within the region.
- Consider the adoption of a regional Vehicle Miles Traveled (**VMT**) **reduction** target and the development of supporting policies and actions when completing the 2050 Transportation Policy Plan to support the state's adopted target and strategies.
- Building on work during the Transportation Policy Plan development, partner with cities, counties, MnDOT, MPCA, and others in the development of specific regional transportation **climate actions**.
- Work with MnDOT and other transportation partners to create a framework and process to allocate regional federal funds in the **Carbon Reduction program**
- **Develop greenhouse gas measures** for the regional solicitation project selection process and the 4-year Transportation Improvement Program so that evaluations can better consider climate mitigation
- Develop and provide options to Met Council and TAB for inclusion of **greenhouse gas emissions reductions in the Regional Solicitation** transportation project funding process
- Lead **Travel Demand Management** policy development and funding of programs in our region, including implementing recommendations of the Regional Travel Demand Management Study

# MTS Planning Actions



## Priority 2

- Facilitate a conversation with regional partners around the **climate vulnerability** of regional transportation systems including highways, transit, bicycle, and pedestrian systems, and what role the Met Council could play.
- Evaluate and report the **greenhouse gas emissions impacts of the Transportation Improvement Program**



**LisaBeth Barajas**

Executive Director, Community Development

**Tony Fischer**

Transportation Planner, Metropolitan Transportation Services

