Comprehensive Climate Action Plan Update

Metropolitan Council

Gillian Greenberg and Peter Wilfahrt

August 2025

CPRG Overview

Climate Pollution Reduction Grant

- EPA Grant

- Timeline: July, 2023 – July, 2027

- Priority Climate Action Plan submitted spring 2024

- Comprehensive Climate Action Plan due December 1, 2025, draws from:
    - [Priority Climate Action Plan](#)
    - [Imagine 2050](#)
    - Community Climate Collaboration

Comprehensive Climate Action Plan

Required Elements

- GHG Inventory
- GHG Emissions Projections
- GHG Reduction Targets
- Quantified GHG Reduction Measures
- Benefits Analysis
- Review of Authority to Implement
- Intersection with Other Funding Availability
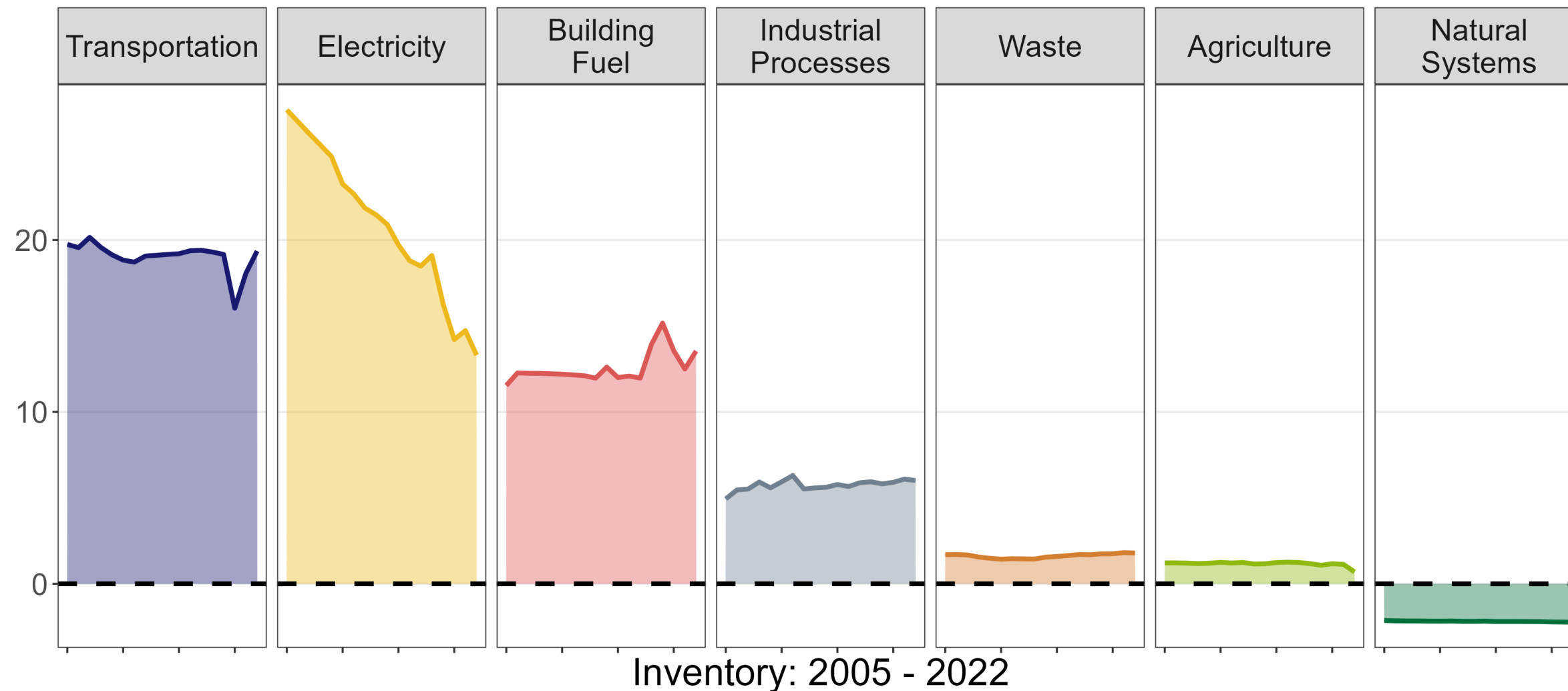- Workforce Planning Analysis

11-County GHG Inventory (2022)
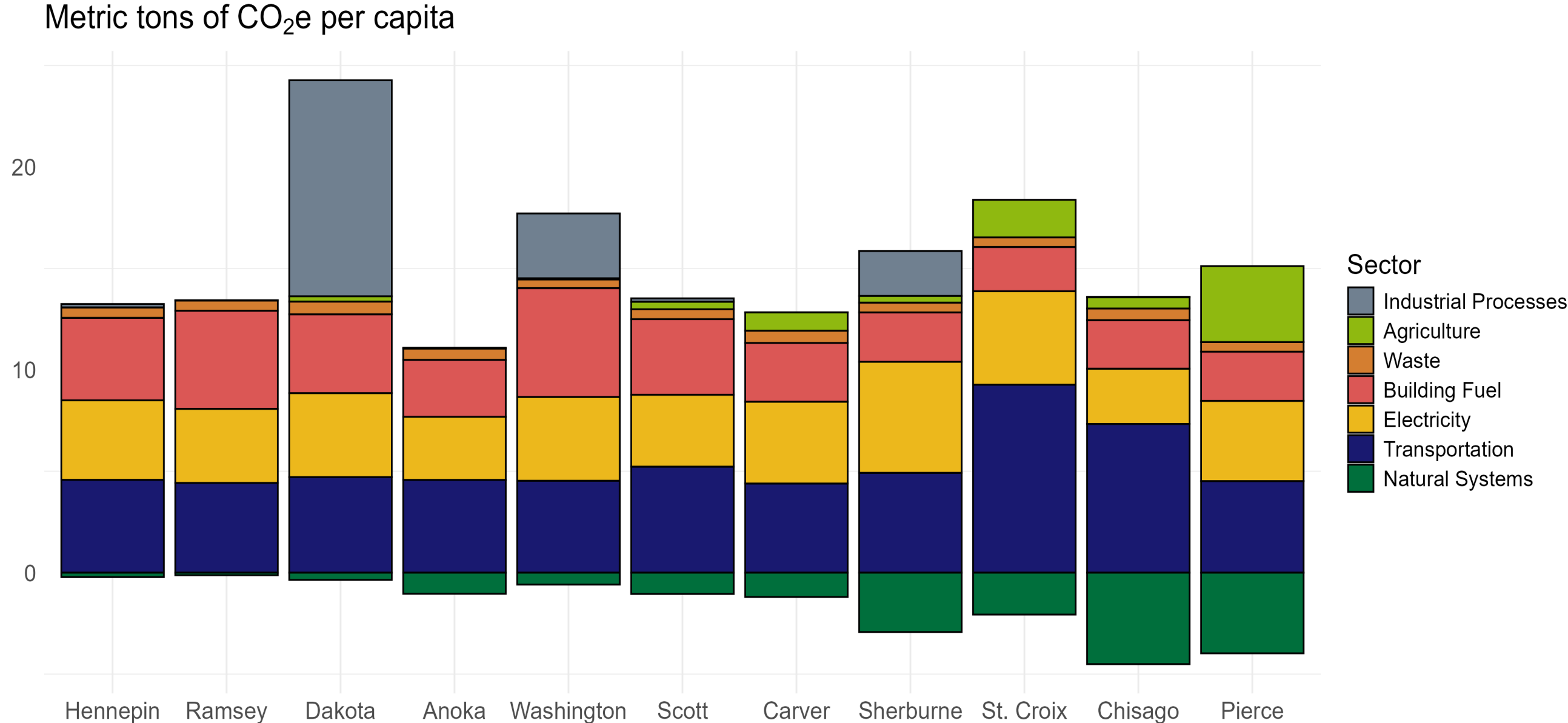
2022 Regional Emissions Profile
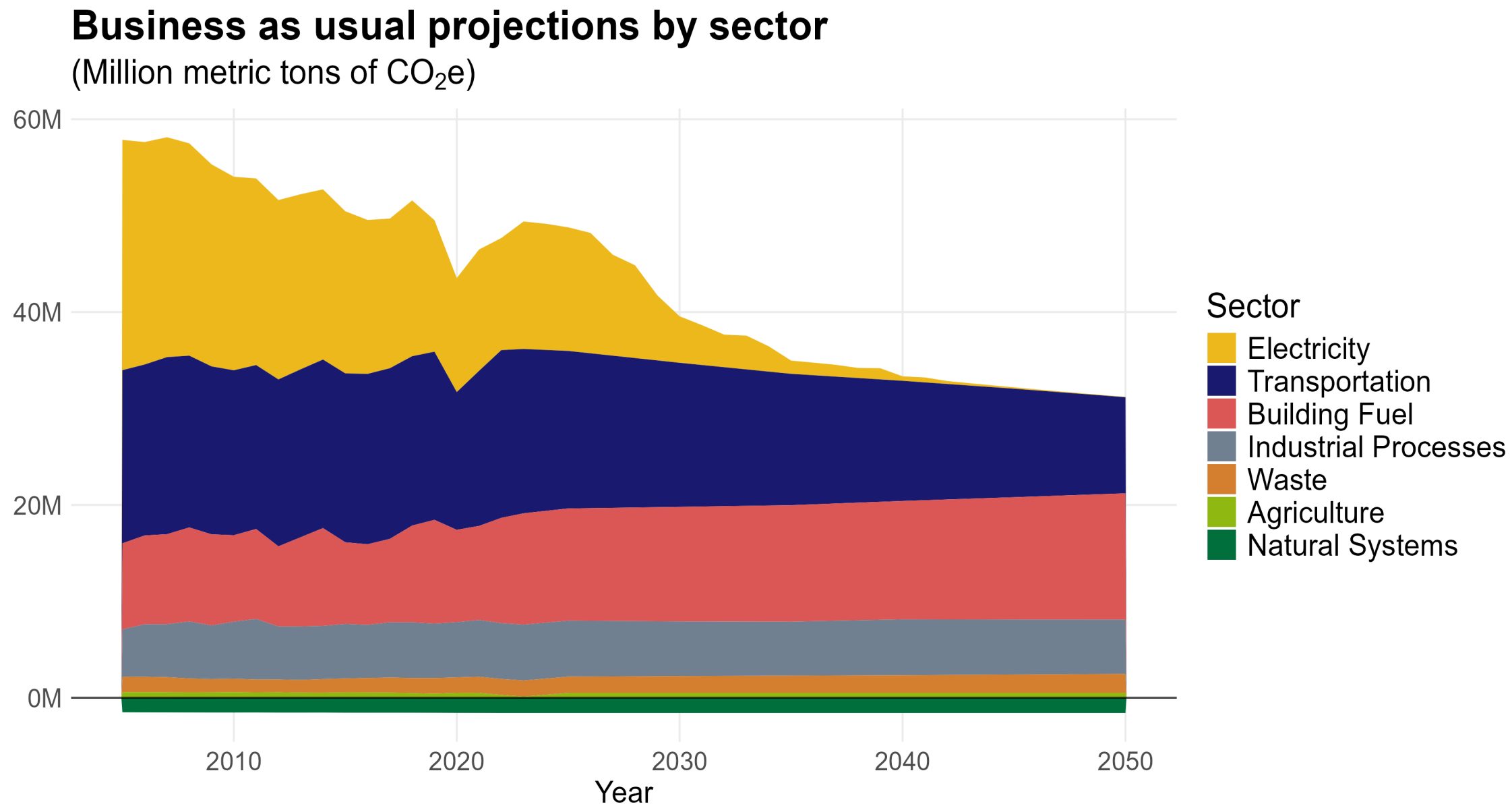(Million metric tons of CO$_2$e)
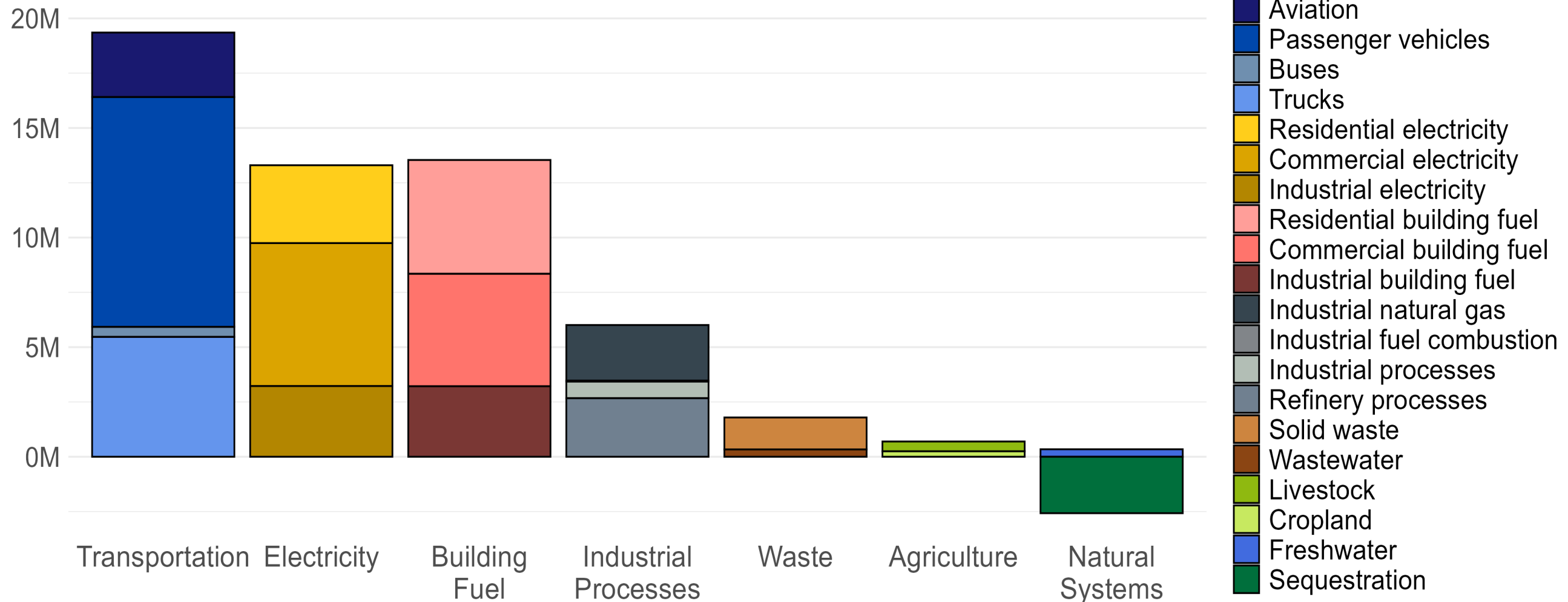
2005 - 2022 GHG Inventory

Eleven-County Regional Emissions Inventory
(Million metric tons of CO_2e)

Inventory: 2005 - 2022

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2022 Per Capita County Inventories

Metric tons of CO$_2$e per capita

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Business as Usual Projections

Business as usual projections by sector

(Million metric tons of CO_2e)

Legend — Sector:
- Electricity
- Transportation
- Building Fuel
- Industrial Processes
- Waste
- Agriculture
- Natural Systems
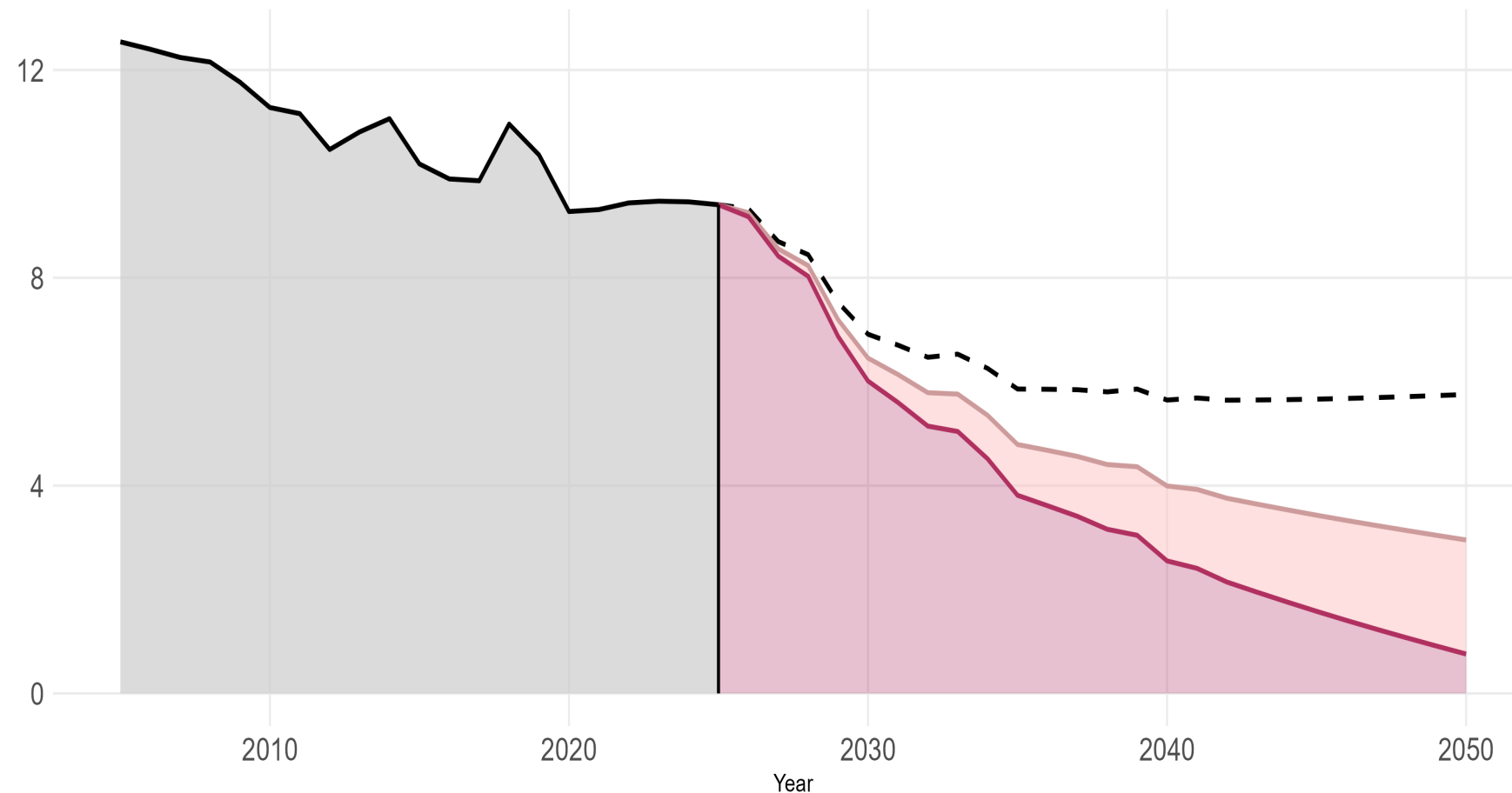
X-axis: Year (2010, 2020, 2030, 2040, 2050)
Y-axis: 0M, 20M, 40M, 60M

Reduction measures:
Residential decarbonization example

Residential Building Emissions
(Millions of CO2-equivalency)

Scenarios will be matched to Minnesota Climate Action Framework models.
- Business as usual reflects current state policies
- Net-zero shows the necessary policies to achieve emissions offset by sequestration
- Accelerated policy pathway shows an intermediate pathway reflecting the current changes at the federal level and state and local actions that could still be taken to reduce emissions

Scenarios – – Business as usual ⎯ Accelerated policy pathways ⎯ Net zero

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Reduction measures:
Residential decarbonization example

Residential Building Energy (GWh)

Scenarios — — Business as usual ——— Potential policy pathways ——— Net zero

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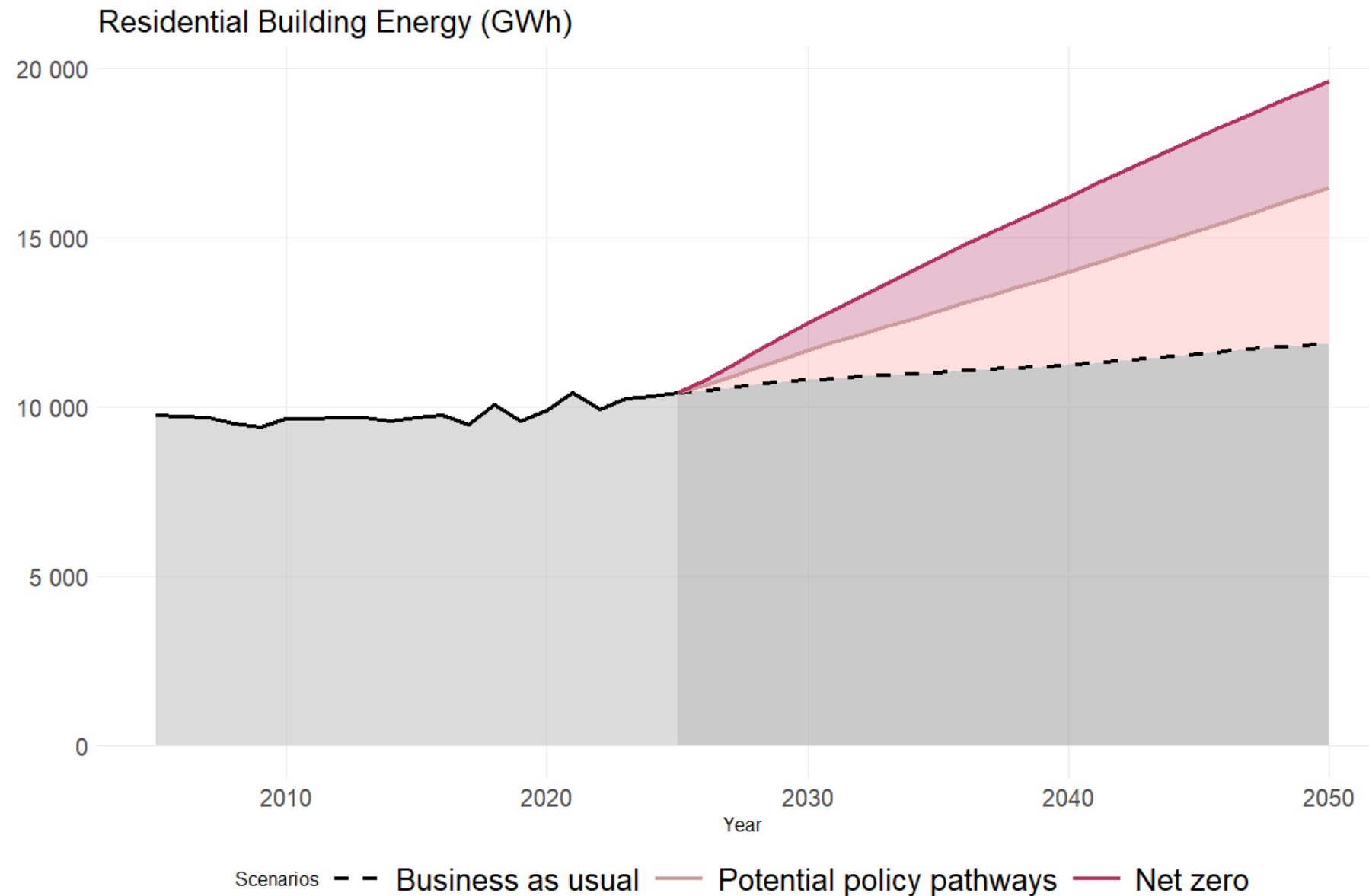
Engagement

CPRG Steering Committee

- City, county, and tribal staff
- Ensures plan supports and aligns w/ local efforts
- Reviewed and refined inventory and reduction measures
- Advised on engagement plans

Community Climate Collaboration

- Partnership with 8 organizations to host workshops with community members
- Explored climate actions and community impacts
- Developed community priorities

Workforce Work Group

- Representatives from cities, counties, non-profits, labor, and private sector
- Providing feedback on DEED-led workforce analysis

GHG Reduction Measures

Transportation
1. Accelerate the transition to low- and no-carbon fuels in vehicles and equipment
2. Increase public transit and shared mobility options
3. Increase infrastructure for walking rolling, and biking
4. Implement land use policies that support compact and multimodal-oriented development

Electricity
5. Encourage energy infrastructure investments aligned with the state's 2040 Clean Electricity Standard

Building Energy
6. Improve residential building efficiency
7. Electrify homes
8. Improve commercial and public building efficiency
9. Electrify commercial and public buildings

Industrial Processes
10. Encourage industrial adoption of energy efficiency and low-carbon technologies

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GHG Reduction Measures (cont.)

Waste
11. Promote waste prevention, waste reduction, and recycling
12. Manage wastewater efficiently

Agriculture
13. Encourage climate-smart agriculture practices that improve soil health and soil organic content
14. Manage fertilizer and manure to reduce emissions
15. Invest in emerging localized and urban agriculture

Natural Systems
16. Invest in a robust, resilient tree canopy
17. Restore and protect natural land and water

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GHG Reduction Measure

Content Format

- Measure description and geographic scope
- Implementing Authority and Roles
    - State Government
    - Regional Government
    - Local Government
    - Other Actors
- Implementation Timeline and Milestones
- Metrics for Tracking Progress
- GHG Emissions Reduction
- Measure Costs
- Intersection with Funding Availability
- Benefits Analysis

CCAP Connections to Climate TA

Required Elements

Local Climate Planning Tools

- GHG Inventory
- GHG Emissions Projections
- GHG Reduction Targets

GHG Strategy Planning Tool

- Quantified GHG Reduction Measures
- Benefits Analysis
- Intersection with Other Funding Availability

Climate Action Toolkit

- Review of Authority to Implement
- Workforce Planning Analysis

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Timeline

August 27 Council Meeting	September 24 Council Meeting	October 17	November 12 Council Meeting
• Present 80% Draft • Council Discussion & Feedback	• Present 90% draft • Open public comment period	• Public comment period closes	• Present final CCAP • Council authorizes submittal

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August 18: CPRG Steering Committee meeting
August 27: Workforce Work Group meeting

Late Sept/ Early October: Re-engagement with community organizations

Late October: CPRG Steering Committee meeting

Discussion

Questions and Reflections

- What questions do you have about the plan content, process, or related tools?

- What reflections or feedback do you have on the GHG Reduction Measures?

Thank you

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