



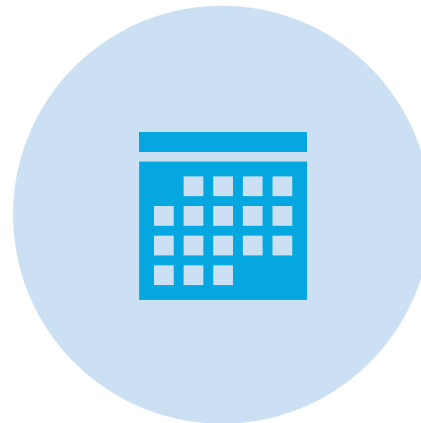
CLIMATE CHANGE ACTION PLAN – UPDATE

October 1, 2024

AGENDA



PROJECT OVERVIEW -
RECAP



KEY MILESTONES AND
PROGRESS TO DATE



DISCUSSION AND NEXT
STEPS

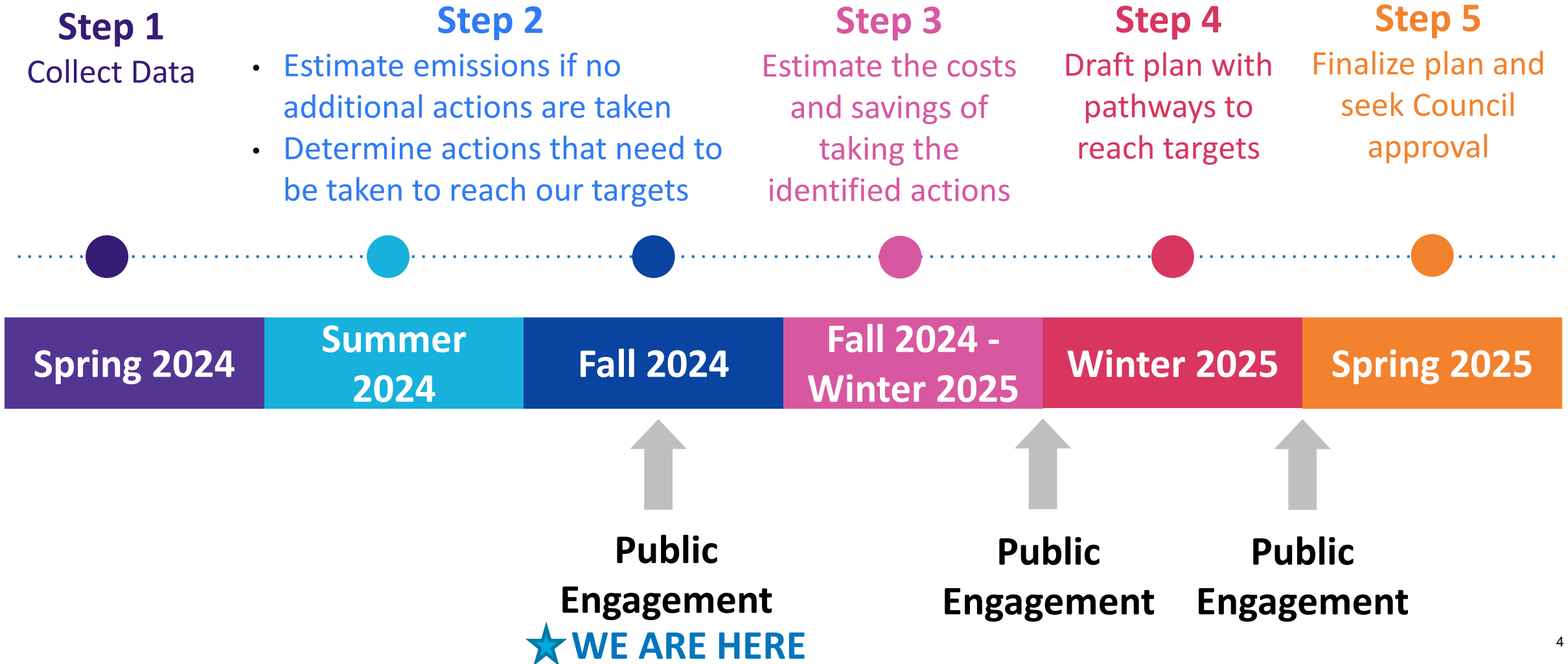
UPDATING THE CCAP



The updated Climate Change Action Plan will:

1. Satisfy the commitment to update the 2019 CCAP every 5 years
 2. Address the March 2023 Council motion, which directed City staff to provide a Pathway Report to align with international best practices to limit global warming to 1.5 degrees Celsius
 3. Separate out climate change mitigation and adaptation into two distinct plans
 4. Focus on a net zero pathway (e.g. mitigation plan) for corporate and community emissions
- Climate change adaptation/resilience

TIMELINE



Phase 1

Gap Assessment and Preliminary Action Planning

- Compared Mississauga's 2019 Climate Change Action Plan to SSG's climate action database to identify missing climate actions, programs, and policies
- Review federal, provincial, and regional regulations to identify updated targets
- Reviewed Mississauga's corporate and community policies, plans and programs
- Summarized key takeaways and identified potential *new* climate actions for the updated Climate Change Action Plan

Phase 1

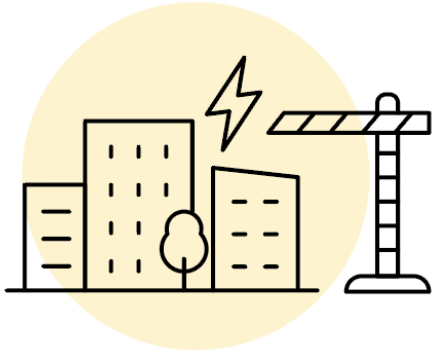
Methodology

- Reviewed >35 documents:



- Cities reviewed included:
 - Fort Collins (CO)
 - Guelph
 - Halifax
 - Halton Hills
 - Kelowna
 - Markham
 - Nelson
 - New York City (NY)
 - Oakville
 - Rochester (NY)
 - Sault Ste. Marie
 - Toronto
 - Waterloo

Opportunities



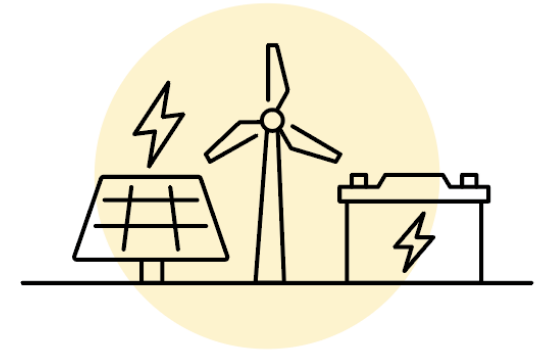
Less energy consumption in new buildings



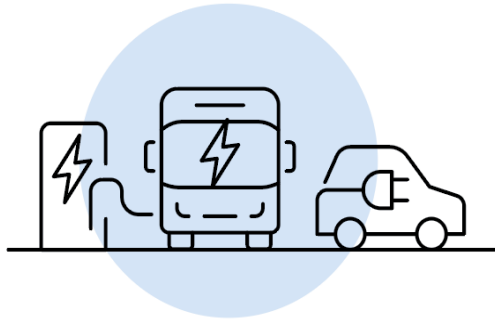
Retrofit existing buildings



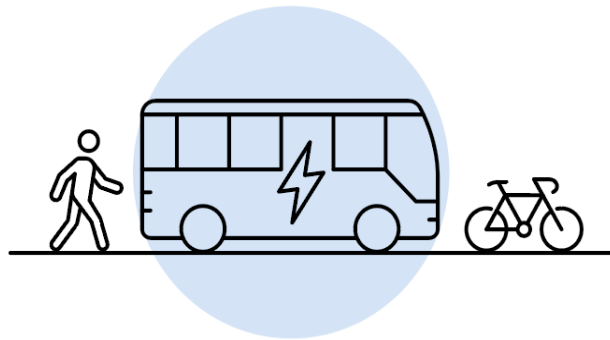
Fuel switching heating (heat pumps)



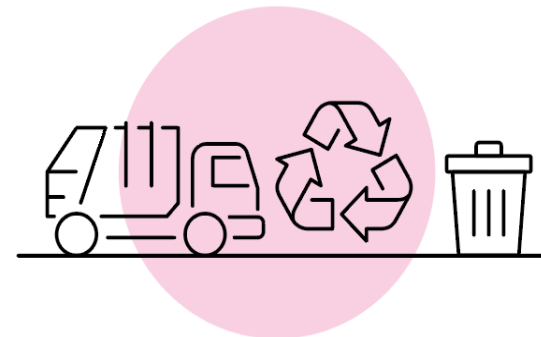
Increase renewable energy



Emissions free vehicles



Increase active transportation and transit use



Increase waste diversion rates



Advocacy, Governance + Innovation

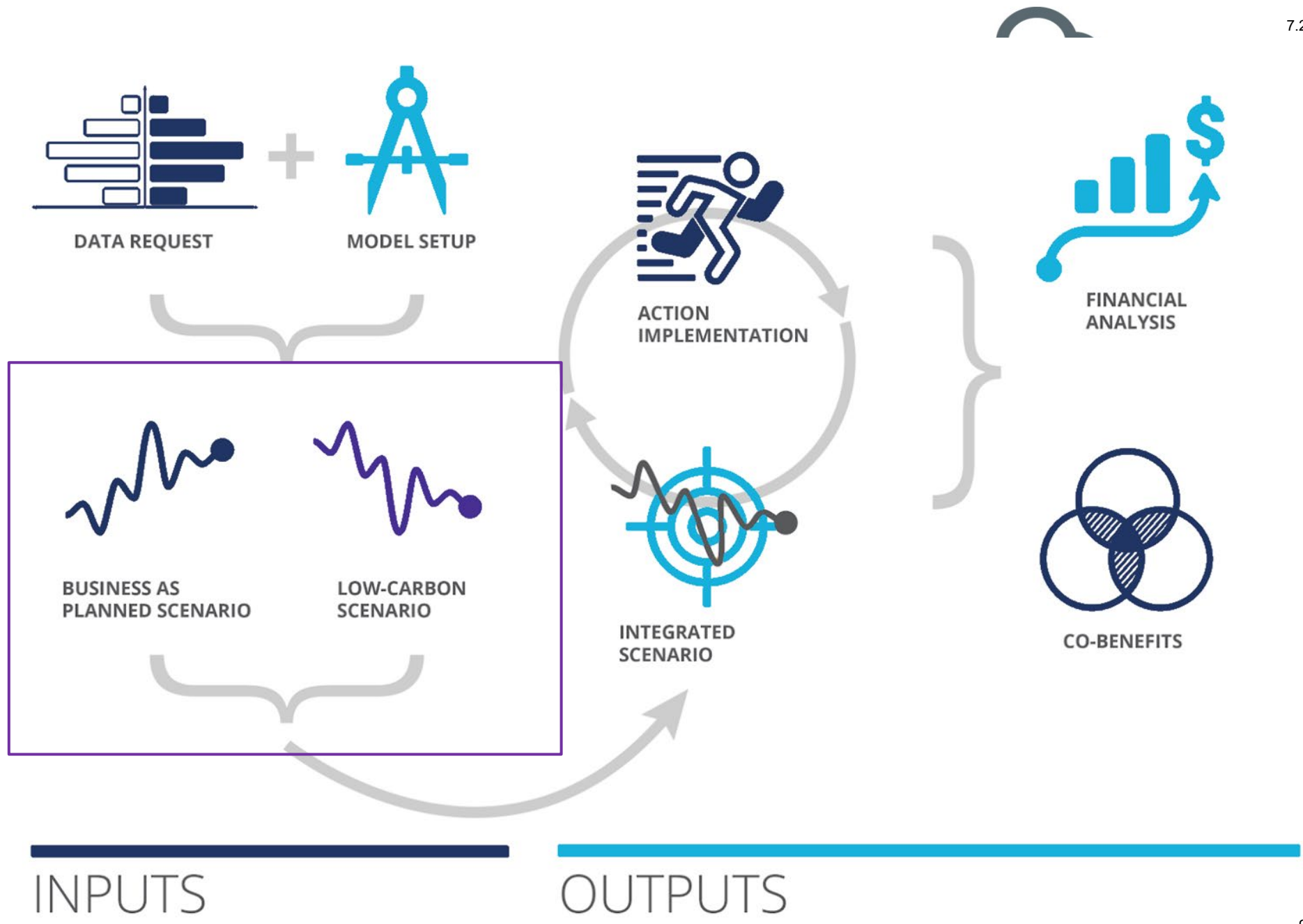
Phase 2

Energy and Emissions Forecast and Modelling

- The 2019 CCAP set the following target:
 - Reduce GHG emissions by 40% by 2030 and 80% by 2050 (below 1990 levels) with the goal of becoming a net zero community
- The 2024 CCAP is being updated to accelerate the City's targets and action pathways. The proposed GHG targets are:
 - By 2030, **achieve a 63% reduction, relative to the 2018 baseline**
 - By **2050, achieve net zero emissions**

Being net-zero means we can only emit as much GHG as we are able to absorb or sequester

Model Overview



ONGOING ENGAGEMENT

ONGOING TECHNICAL ENGAGEMENT

Working Group

Meeting Frequency: Bi-Weekly
Role: To execute tasks and coordinate deliverables with consultants



Steering Committee

Meeting Frequency: Quarterly
Role: To provide strategic direction and input

Core Team

Meeting Frequency: Monthly
Role: To guide and support the development of all project deliverables

Extended Team



Meeting Frequency: As needed
Role: To support specific project components and/or deliverables

Technical Advisory Group (TAG)

Meeting Frequency: At key milestones
Role: To provide technical guidance to key project components



Ongoing Community Engagement

1. TAG Workshops 1 and 2 are complete; TAG 3 will be scheduled in mid-November
2. Launching online engagement platform (e.g. Climate Lab)
 - Phase 1 (Oct-Dec): Engage and Prepare
 - Educate & Prepare (consultant developing platform)
 - Provide info on the City's role in climate change
 - Explain process for the update of the plan
 - Get initial feedback
 - Phase 2 (Jan – Feb): Low Carbon Pathways
 - Get input on the proposed pathways to decrease GHGs
 - Phase 3 (March): Draft Action Plan
 - Gather feedback on draft plan
3. YourSay page - <https://yoursay.mississauga.ca/climate-change>
 - 1360 subscribers
4. Youth Climate Council – meeting in November



THANK YOU

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Get involved in the update:

<https://yoursay.mississauga.ca/climate-change>

Find out more about our progress:

www.Mississauga.ca/climatechange