Hamilton's Community Energy + Emissions Plan (CEEP)

Public Virtual Information Session

January 28, 2021

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Welcome, Introductions, Technical Details...

STAFF PROJECT TEAM

- Christine Newbold, Community Planning
- Trevor Imhoff, Air Quality & Climate Change
- Tom Chessman, Office of Energy Initiatives
- Andrea McDowell, Air Quality & Climate Change
- Spencer Skidmore, Community Planning

CONSULTING TEAM

- Yuill Herbert, Sustainability Solutions Group (SSG)
- Kyra Bell-Pasht, Sustainability Solutions Group (SSG)
- John Kong, WhatIf? Technologies

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Agenda

1.	Welcome, Technical Details, + What is a CEEP	20 minutes
2.	Developing a Net-Zero Pathway	20 minutes
3.	Q + A	10 minutes
4.	The Net-Zero Pathway	15 minutes
5.	Q + A	15 minutes
6.	Next Steps + Staying Engaged	5 minutes

Meeting Objectives

1. Inform participants on Hamilton's Community Energy and Emissions Plan (CEEP)

2. Answer questions related to the CEEP

3. Provide information on ways to get involved

Live Poll

www.Menti.com 30 92 32 6

"When you think of climate action, what comes to mind?"

Climate Emergency Declaration

Climate Emergency Declaration Cont…

"(c) That the Corporate Climate Change Task Force be directed to investigate and identify:

(i) Additional actions to be taken to incorporate into existing plans and policies to achieve net zero carbon emissions before 2050;"

Live Poll

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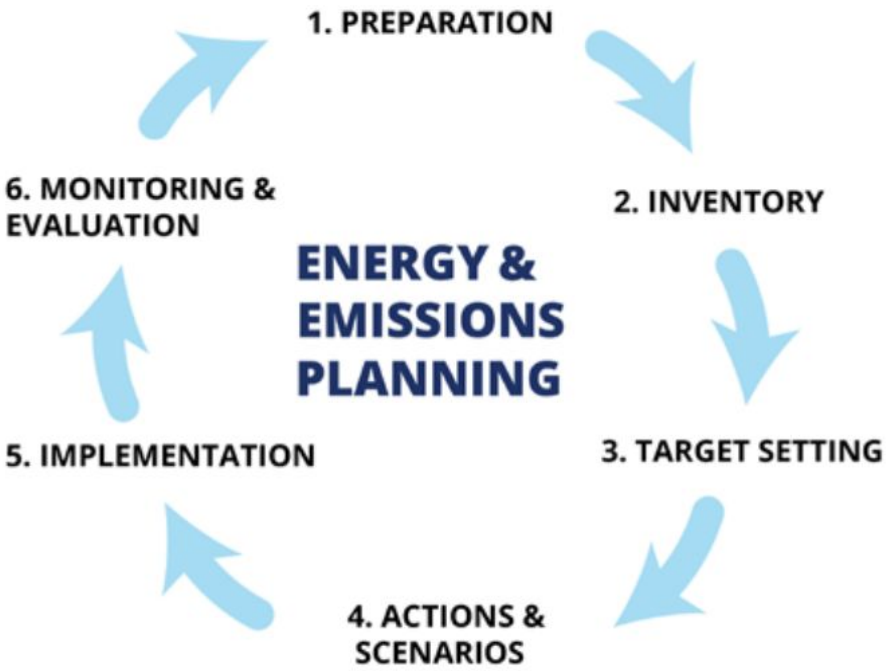
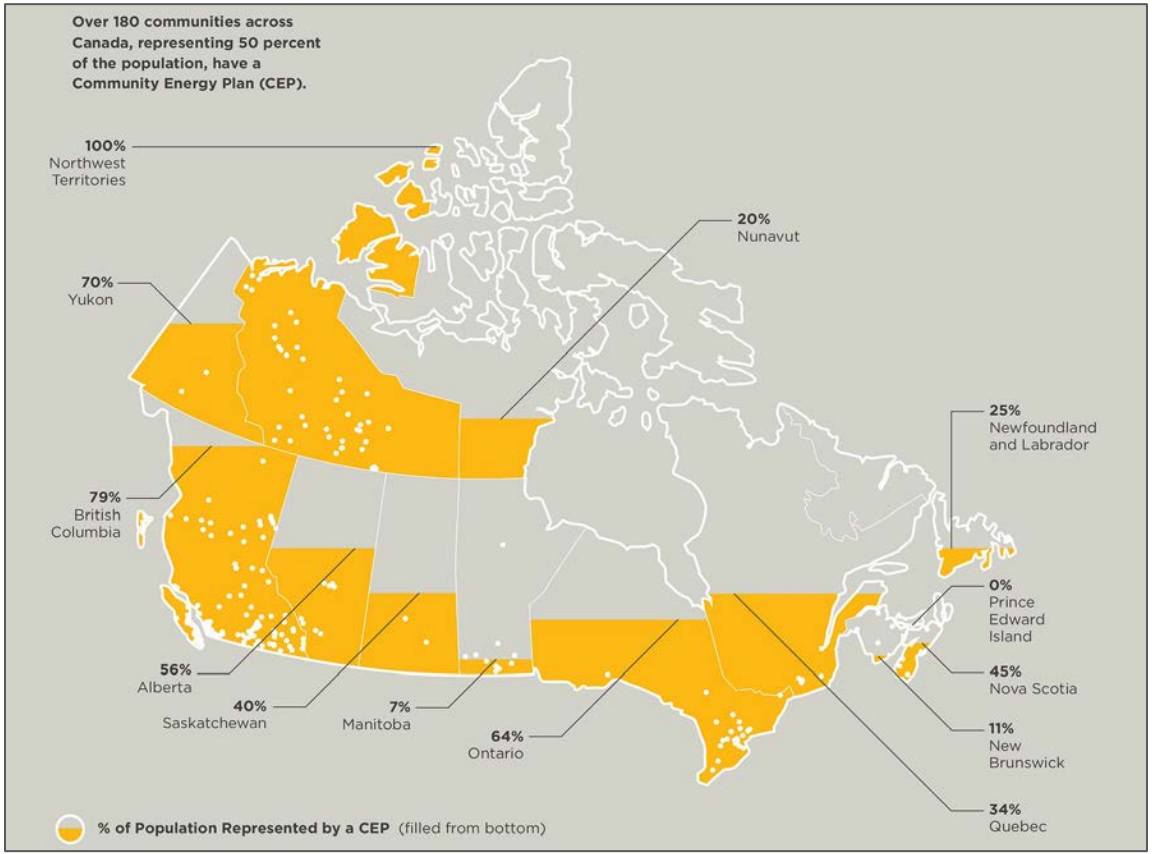
"How familiar are you with Community Energy and Emissions Planning?"

What is a Community Energy + Emissions Plan?



(Community Emissions Reduction Planning: A Guide for Municipalities, Ontario Ministry of Environment and Climate Change)

Canadian Context



(Quest Canada,https://questcanada.org/project/getting-to-implementation-in-canada)

What Are Other Cities Doing?

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Hamilton's Challenges and/or Opportunities?

- Local Energy Solutions
- Large Institutional + Research Hubs + Expertise
- Corporate City Progress
- Funding/Financing
- Industry
- Growing Population
- Jurisdictional Issues

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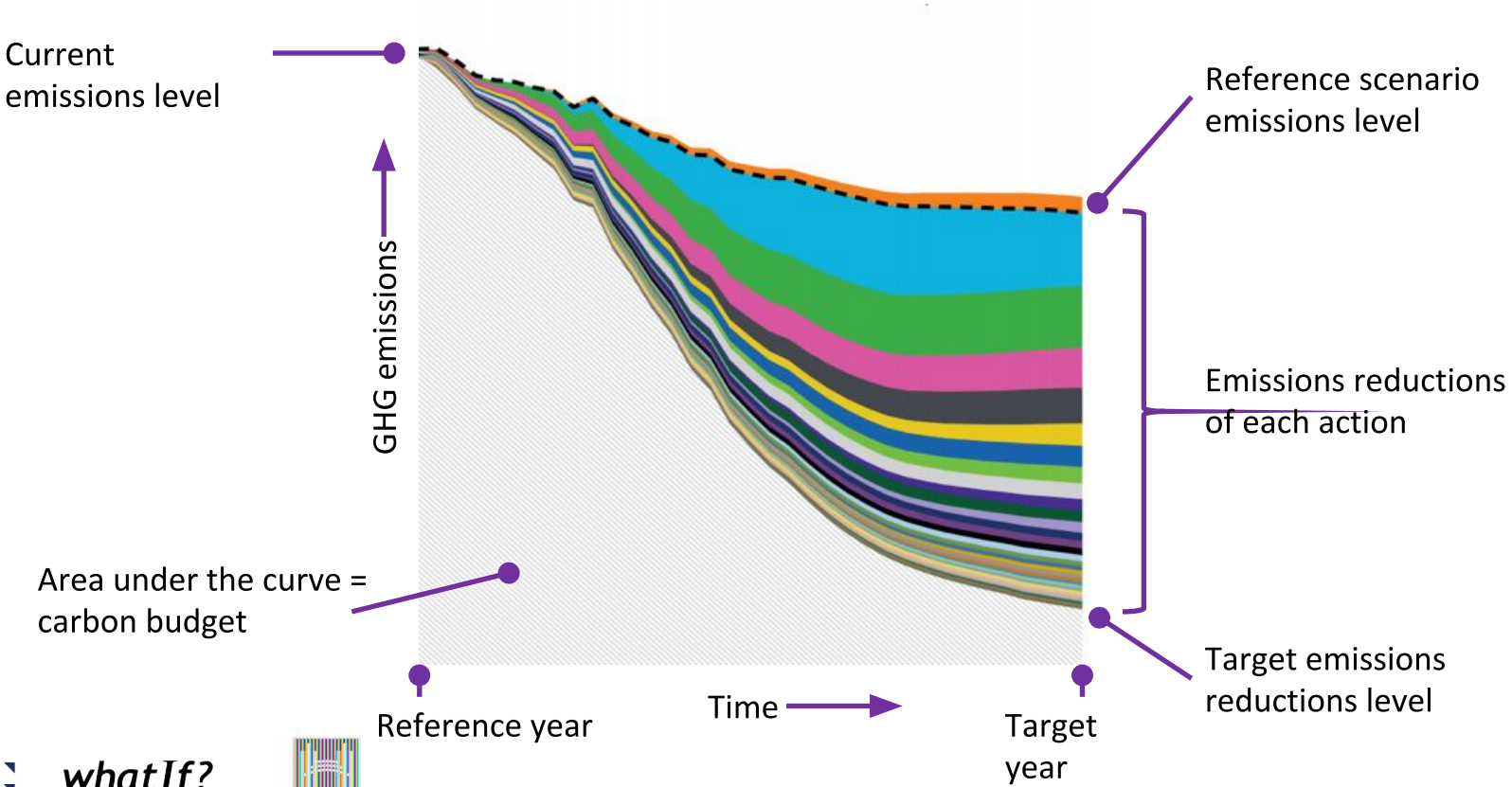
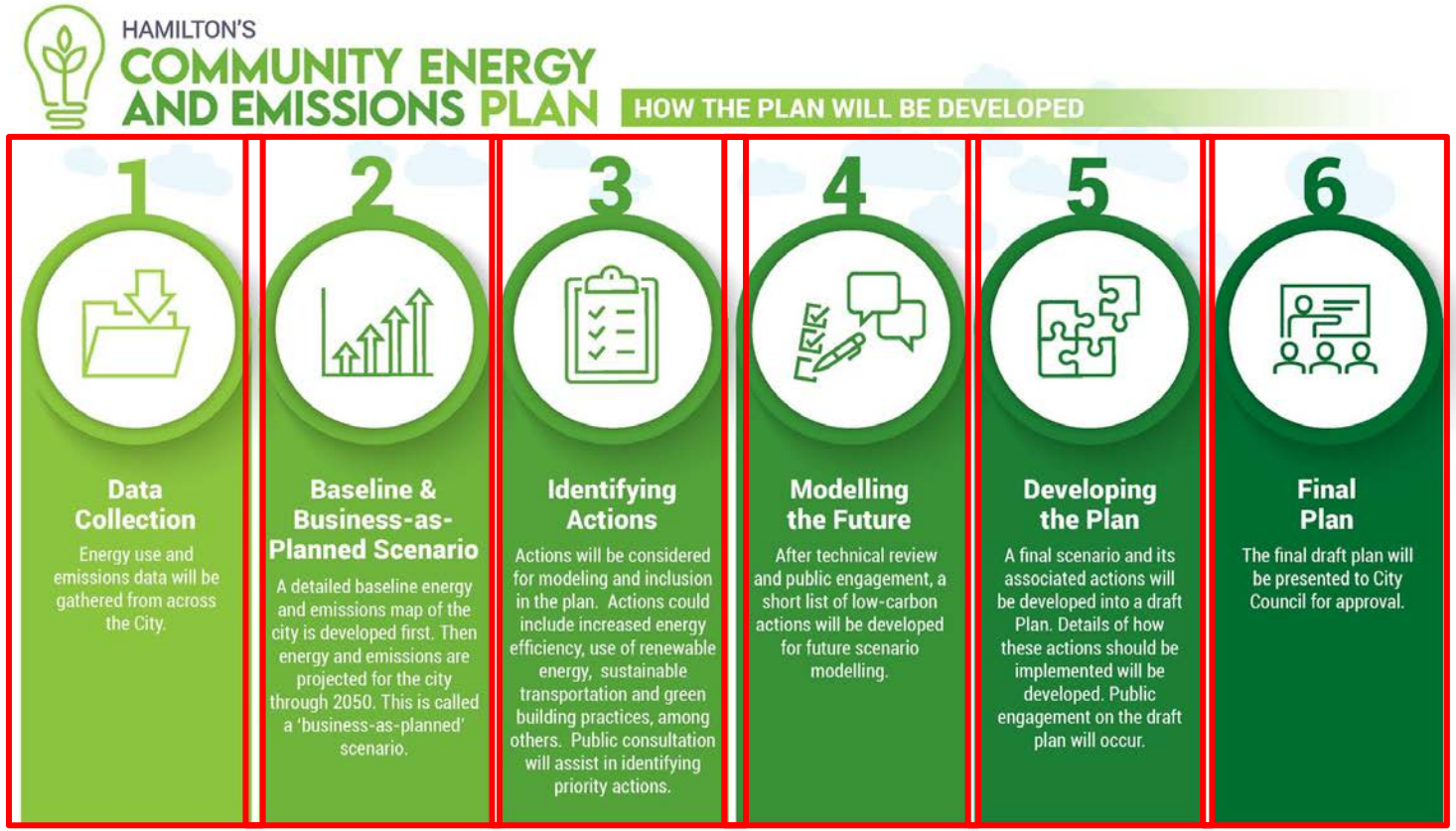
Developing a Net-Zero Pathway

About Future Scenarios...



Overview: How is the Plan Developed?



Community Engagement

- Inter-Departmental City project team
- Stakeholder Advisory Committee
- 1-on-1 interviews
- Public surveys

Live Poll

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"What do you think are Hamilton's leading sources of emissions?"

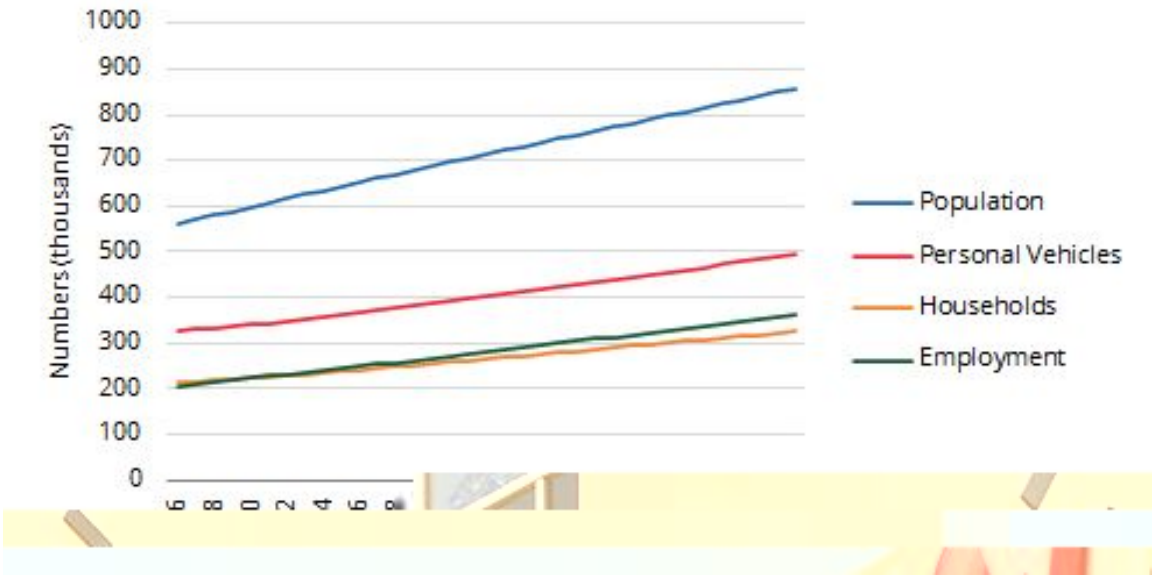
What is the BAP?

Projection of a "Business-As-Planned" future to 2050

- City projections
- Regulations
- Policies→ approved + underway
- Current market trends
- Expert advice

→ The BAP is the basis for the Net-Zero Pathway

Creating the BAP Scenario: DATA



BAP: Projections 2016-2050

RENEWABLE ENERGY

After all efficiency and fuel switching measures

→ some natural gas & dirty electricity remain:

- Wind + solar
- Renewable Energy Certificates

≈ 8%

- Renewable Natural gas
- Green hydrogen
- Industrial waste heat

≈ 16%

of the GHG reductions in 2050

Key Insights: OVERALL

1) There is a pathway to net zero
2) Scaling up will not be easy
3) Time is of the essence
4) The ambition of the City is aligned with the ambition of Industry

Up Next →

Financial Analysis

Implementation Planning

→ Draft Plan

From Community to the Individual

Your travel

Your business

Your home

Your waste

Live Poll

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"What climate actions do you personally plan on taking?"

Q + A

Stay Involved!

1. Survey + Discussion to Feb. 15th
2. Spring 2021: Draft Plan Consultation

Stay Involved!

INFO: hamilton.ca/ceep

GET INVOLVED: engage.hamilton.ca/ceep

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www.engage.hamilton.ca/ceep
THANK YOU