

CCET

Advisory Task Force

Meeting #1

March 18, 2021



Objectives of Today's Meeting

- Get to know each other
- Share City's approach to addressing climate change
- CCET is the community's opportunity to lead Brampton's energy strategy
- Role of Project Team/Advisory Task Force
- Outcomes by the end of 2021



Agenda

We ask that you please mute your mic during the presentation

- Introductions
- Brampton's Climate Change Direction
- Our Progress
- CCET Advisory Task Force Charter
- Discussion
- Next Steps



Introductions

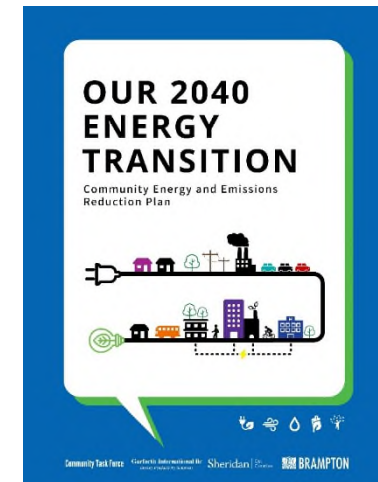
- Land Acknowledgement
- Name, role/organization
- In one **WORD/PHRASE** describe how you feel about the process to establish the Centre for Community Energy Transformation



Why a CCET? Brampton's Climate Emergency

Addressing the Climate Change Emergency requires:

- Urban transition
- Energy transition
- Community commitment and collaboration



2040 Vision – Brampton’s Urban Transformation

Visions Statements:

- Sustainability and the Environment
- Jobs and Living Centres
- Neighbourhoods
- Transportation and Connectivity
- Social Matters and Housing
- Health
- Arts and Culture

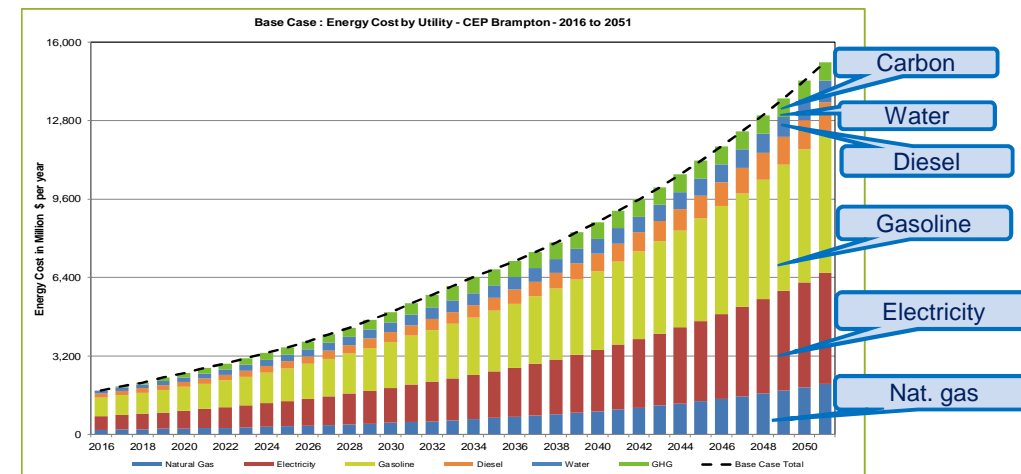
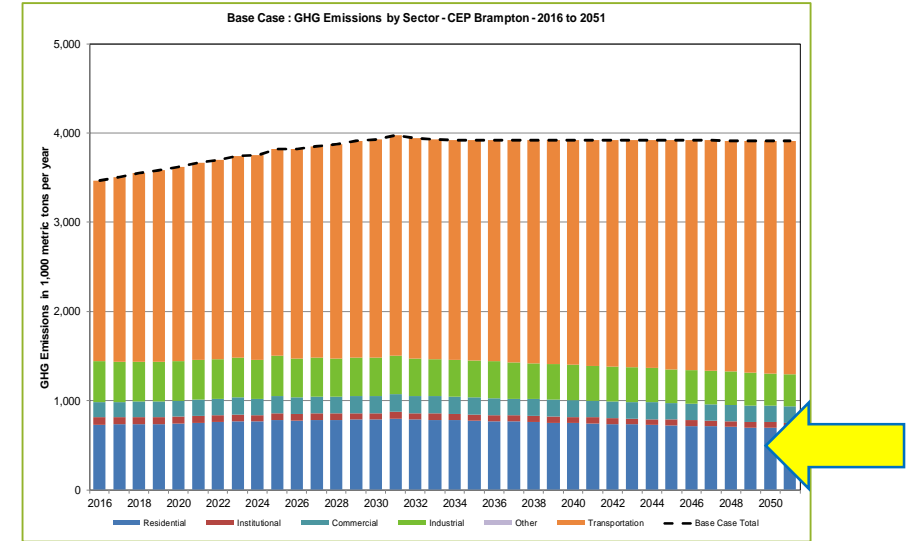
Vision 1: Sustainability and the Environment

- Establish a Institute for Sustainability
 - Task Force of Brampton leaders to found the Institute: Influential environmental, corporate and civic leaders in Brampton must come together, assisted by the existing civic administration and the Brampton Environmental Advisory Committee, to found the Institute for Sustainable Brampton.



CEERP: Energy and Emissions

- Brampton spends +\$1.8 billion on energy
- ~ 80% of those energy dollars leave the city
- Energy costs projected to quadruple by 2050
- 5.6 tonnes CO₂e of GHG per resident (Ontario = 3.7t /capita)
- Brampton buildings ½ as efficient as global best practices
- Transportation sector almost 60% of GHGs



Our Progress: Community Energy and Emissions Reduction Plan

ENVIRONMENTAL
Work towards climate neutrality

ENERGY
Benchmark energy performance against global best practice

ECONOMIC
All energy related public and private sector investments will meet acceptable risk-adjusted returns

Energy costs will be competitive compared to comparable North American communities

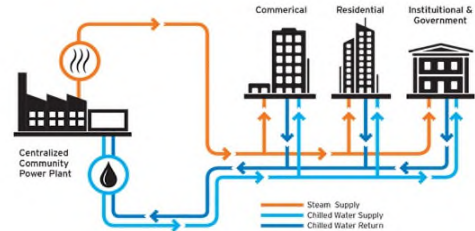
Local employment will be generated

RELIABILITY
Energy systems will be designed to meet the challenges of changing user expectations, climate uncertainty and new technology options

Energy
Based on global best-practices, reduce community-wide energy end use by at least 50% from 2016 levels by 2041.

Emissions
Reduce community-wide emissions by 50% from 2016 levels by 2041, and establish a pathway to reduce emissions by at least 80% by 2050 to meet or exceed federal and provincial targets.

Economic
Retain at least \$26 billion in cumulative energy costs within the community by 2041.



Our Progress: Centre for Community Energy Transformation

- Unanimously approved by Council in September 2020
- Project Team assembled with Mississauga and Caledon invited as advisors
- CCET Advisory Task Force assembled

WHAT IS CCET ? A COMMUNITY ENERGY HUB

CCET will be a non-profit community organization envisioned as a regional centre of excellence that will accelerate Brampton's energy transformation by:

- ✓ Delivering priority projects from Brampton's Community Energy and Emissions Reduction Plan (CEERP)
- ✓ Collaborating with businesses, developers, utilities, governments, institutions, non-profits, and homeowners
- ✓ Pursuing federal and provincial energy investment opportunities



CCET PRIORITY PROJECTS



Home Retrofit Program

Target energy efficiency retrofits in 80% of homes



Improve energy efficiencies in the ICI sector

Promote increase of best practise in ICI section



Establish District Energy nodes

Serve 70% of existing and 80% of new high growth areas

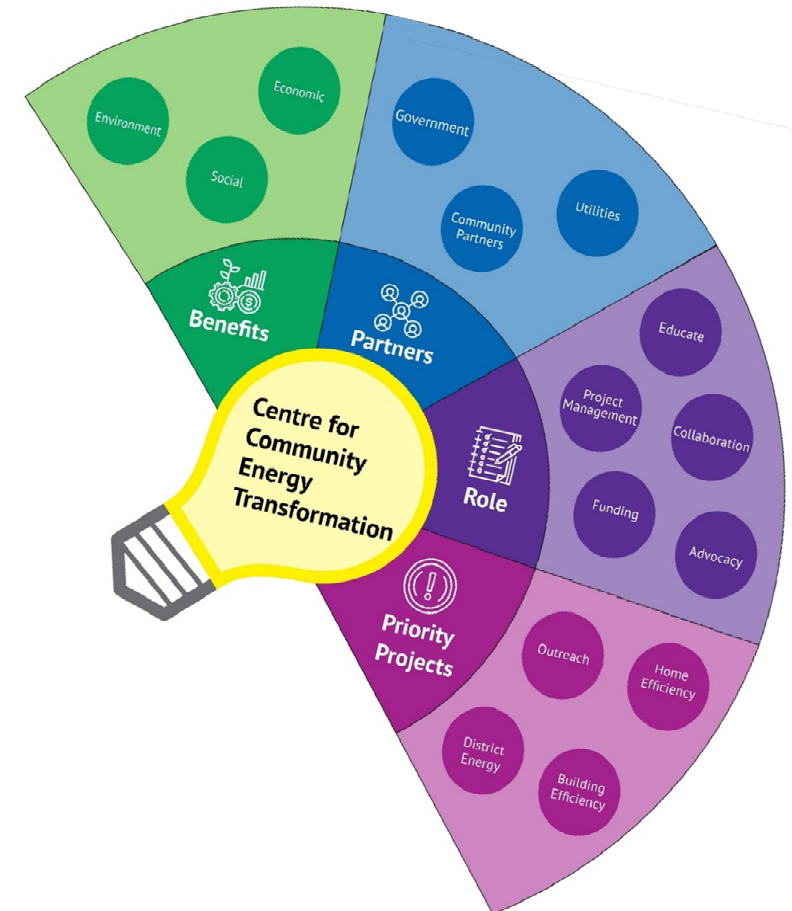


Outreach and engagement

Targeted program to increase awareness of the importance of energy planning among residents and ICI sector

CCET: Answering the “How?”

- We’ve answered the why, where, when, who?
- Now we need your help in answering the how?
 - How do we fund it?
 - How do we govern it?
 - How do we engage with all sectors?



CCET Project Team

Members

- City of Brampton
- Region of Peel
- Sheridan College



Role

- Support ATF and Subcommittees
- Advocate for CCET
- Draft Service Level Agreement with CCET

Advisors

- Mississauga
- Town of Caledon



CCET Advisory Task Force Charter

- 14 members from a variety of sectors in Brampton (business, utilities, education, citizens, youth, NGO)
- Role – to assist with the establish a sustainable non-profit community organization focused on facilitating Brampton’s energy transition
- Timeline – March to December with Council report in early 2022
- Commitment – approximately 10 hours/month
- Sub Committees - each member has to be on at least one committee
 - Funding and Partnerships
 - Governance and Nominations
 - Communication and Engagement



Governance and Nominations Subcommittee

Role

- To build upon the foundation of the previous work
- Review and comment on draft governance documents
- Finalize Governance materials
- Develop Board Recruitment Strategy
- Review and comment on Executive Director Job Description

Vision

A sustainable energy future

Mission

To lead an inclusive suburban energy transformation

Mandate

The CCET will be an action-oriented organization focused on convening partners to implement catalytic priorities from Brampton's Community Energy and Emissions Reductions Plan (CEERP)

Values

The work we do will:

- Be informed by science
- Be replicable by other communities
- Have quantifiable, documented results
- Be collaborative with community partners to amplify our collective impact
- Ensure social justice and inclusivity
- Generate direct, local economic benefits
- Demonstrate the concepts of circular economy and one planet living
- Provide educational benefits and engagement opportunities to our community



Communication and Engagement Subcommittee

Role

- Partnership Strategy
- Education and Training Strategy
- Communication Strategy
- Recruitment Ads
- Messages for funders and clients
- Updates to ATF work

CENTRE FOR COMMUNITY ENERGY TRANSFORMATION



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Funding and Partnership Subcommittee

Role

- Work on developing a CCET funding model
 - \$1.1 million over 5 years:
 - \$300,000 in the first year
 - \$200,000 in each of the remaining four years
- Identify funding envelopes
- Refine identified CCET Services
- Review draft Service Level Agreement

Accelerating towards a sustainable energy future

INVESTING IN CCET WILL UNLOCK ECONOMIC GROWTH



Every \$1 spent on energy efficiency programs

Generates \$7 of GDP in Canada¹

Households savings



\$114+ yearly with energy efficiency programs²

\$10.2 MILLION saved annually by retrofitting 90,000 Brampton homes



Energy efficiency program investments will create

800+ green jobs in Brampton by 2030³

INVESTING IN CCET WILL STRENGTHEN SOCIAL EQUITY

Energy advocacy supports social equity



20% of Brampton homes experience energy poverty annually⁴

↑ Community engagement and education

↑ Public and private partnerships

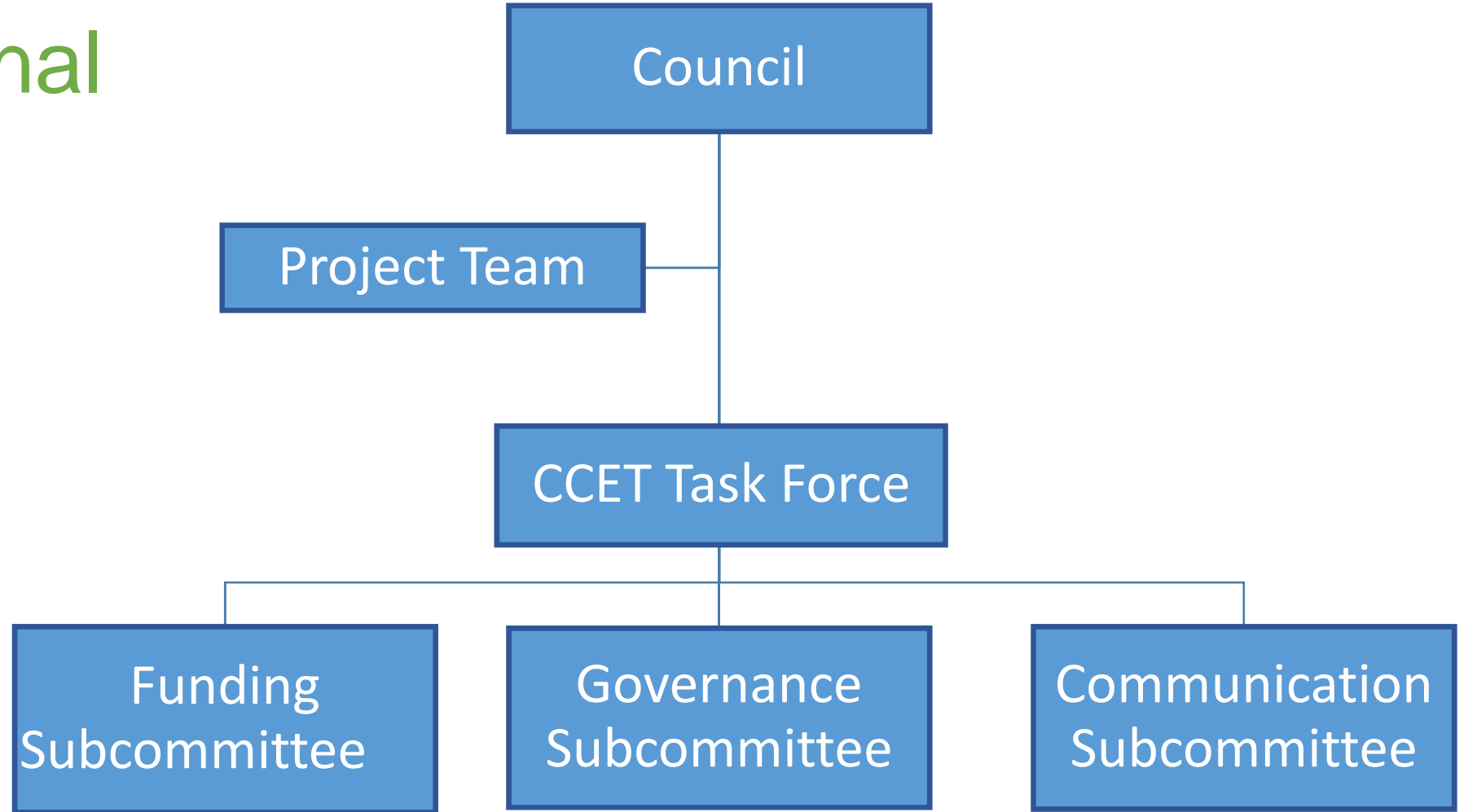
INVESTING IN CCET WILL PROMOTE ENVIRONMENTAL GOALS



Reduce green house gas emissions by 50% from 2016 levels by 2041

Meeting our CEERP targets supports climate resilience

CCET Organizational Framework



Discussion

Questions:

- Brampton's approach to meeting its climate change targets?
- Advisory Task Force role in establishing the CCET?
- Subcommittee membership/roles?
- Logistics?
- Timelines?



ATF Meeting Format

- Formal and Informal
 - Election of Chair and Vice Chair
- Bi-monthly ATF meetings with sub committee reports
- Monthly sub committee meetings
- Guest presentations
- Mentoring Opportunities



2021 CCET Outcomes

- Funding and Partnership Plan
- Governance Materials
- Citywide awareness and support of CCET
- Board Recruitment Plan
- Executive Direct Job Description
- Draft Service Agreement with City
- Council Recommendation Report



Next Steps

- Choose and commit to Subcommittee roles by March 31st
- Consider Chair and Vice Chair Nominations
- Central Google Drive will be established for Task Force and Sub Committees
- Staff to collect Subcommittee Materials
- Establish ATF's meeting schedule
- Send Pam Cooper, head shot and short bio
- Update CCET Webpage

Contacts

For any questions or inquiries, please contact:

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