

**TOWNSHIP OF BILLINGS
Climate Action Committee**

AGENDA

Wednesday December 9, 2020

7:00-8:30pm Via Zoom

- 1. Opening of Meeting**
- 2. Approval of Agenda**
- 3. Disclosure of Pecuniary Interest**
- 4. Adoption of Minutes** November 26, 2020
- 5. Council Update Report**
- 6. New Business**
 - a) Community Survey Outline**
- 7. Next Meeting –** Wednesday January 13, 2020
- 8. Adjournment**

TOWNSHIP OF BILLINGS
Climate Action Committee (CAC)

November 26, 2020

Virtual Meeting - Zoom

PRESENT: Councillor Bryan Barker, Bob Clifford, Chris Theijsmeijer, John Hoakstra, Paul Darlaston, Chief Administrative Officer, Climate Change Coordinator (CCC)

REGRETS: None.

1. Opening of Meeting

The meeting was called to order at 7:09pm by moved P. Darlaston and B. Clifford
Carried

2. Approval of Agenda

Motion by P. Darlaston and B. Clifford
That the agenda for the November 26, 2020 meeting be accepted.
Carried

- Split item agenda 6 into two separate agenda items
- Amend agenda – it currently reads October 14 change to November 26, 2020

3. Disclosure of Pecuniary Interest

None.

4. Adoption of Minutes

Motion P. Darlaston and B. Clifford
That the minutes from the October 14, 2020 meeting are accepted
Carried

5. Delegation

None.

6. New Business

a) Community Survey

MOTION: I. Anderson and C. Theijsmeijer.....carried

Climate Action Committee make a recommendation to Council to proceed with the Ethelo Climate Change Engagement proposal at a cost of \$2,487.50 to the municipality

Discussion:

Question: What timing are we looking at for the survey?

CCC shares screen via zoom - Tentative schedule discussed with Ethelo on Friday November 20th as follows:

Approval from Council to the next CAC meeting (Dec.1 to Dec. 9):

- Sign agreement with Ethelo
- CCC/Ethelo put together version 1 of survey
- Review with municipal staff
- Review with CAC at December meeting

December to early January

- CCC/Ethelo – produce version 2 of survey
- Review with municipal staff
- Review with CAC (potentially a special CAC in January)
- Review with any Council committees if required

Mid to Late January

- Produce a version 3 of survey
- Review with Municipal staff, CAC and committee as required

- Launch survey to public
- February
- Finish survey with public – week 1
 - Receive report from Ethelo – week 3

Question:

Can committee members submit questions?

- CCC response, it is probably best to submit topics and let the experts formulate the questions

b) Carbon Calculator

Motion: P. Darlaston and J. Hoekstra.....carried

The CAC recommends that Council enter into a data sharing agreement with the Georgian Bay Biosphere Reserve (GBBR) in order to receive non-identifying GHG emission data for carbon calculator users that indicate they live within our municipal boundaries and promote the use of this carbon calculator to enhance public education about GHG emissions

Discussion

- Its free
- Good for shoring up our data that the GHG inventory is missing
- Part of data sharing agreement will be sharing data for our municipality, approximately every month once we begin advertising the tool

c) Community Energy and Emissions Plan (CEEP) and Go Green – C. Theijsmeijer

Background:

- o Previous Council – 4yrs of running activities, education, and events
- o As new Council was elected – S Jackson advocated for the Go Green committee to continue while Council was re-evaluating committee structure
- o Go Green put 3 motions to Council:
 - Concerns about money spent on Old Mill – defeated at Council
 - Go Green sought asset management report – defeated at Council
 - Cannot recall details of the third motion....
- o Old Go Green decided to resign after these motions were defeated – except Chris and Sharon, who both reluctantly resigned even though they wanted the work to continue despite motion defeats
- o Terms of reference between climate action committee and Go Green very different
- o C. Theijsmeijer speaks in favour of the new CAC TOR and the action focus

Question: What kinds of events did the Go Green Committee commit to on a yearly basis?

- o Spring events
- o Waste Reduction Week Activities
- o Spring Clean Up
- o Went to landfill to perform a mini waste audit

d) Community Energy and Emissions Plan (CEEP) and Go Green - P. Darlaston

Motion P. Darlaston and B. Clifford... carried

That two members of the Climate Action Committee (one being Chris Theijsmeijer who was a member of both committees) the other selected by the CAC, Follow up on this and determine which (if any) action items and / or events identified by the now defunct Go Green Committee support the objectives of the Climate Action Plan going forward, and to make recommendations to the CAC by next meeting what if any might be consolidated into the CAP.

P. Darlaston Remarks:

- o TOR of CAC action oriented

- Interested in seeking overlap between CAC and Go Green
- Only looking, through this process to peel out initiatives or actions that overlap with CEEP and Go Green

CCC remarks:

- Shares screen to show how Sudbury has resented a chronological order of climate action initiatives in the region leading up to the publication of their CEEP – this section of the Sudbury report is repeated in many other CEEP's across the country
- As such, the CCC has already identified several climate actions that this Council has taken which will for a basis for the background and historical climate action section of the CEEP:

Township of Billings – Recent Climate Action

- Strategic Plan – sustainability vision statement
- Strategic Asset Management Plan – environmental guidelines
- Water treatment energy efficiency upgrade
- Old Mill – Energy efficiency upgrade
- Honora Bay bridge – water erosion maintenance and prevention
- LED streetlighting project

Question: Will this undertaking fit into the CCC's schedule? It's difficult to know how this will fit in with the rest of the project without understanding the scope of work left to complete.

CCC:

Goes over schedule and scope of project by sharing an updated schedule that was made for the CAC in Central Manitoulin just today. please excuse the roughness of this draft and notes that neither CAO has reviewed this work yet and it still may be subject to change based on consultation with direct supervisor.

December

- Week 1: BPS GHG inventory report due to Ministry of Energy for 2019 and submission of glass recycling and compost action briefs to WWE – Dec 3 2020
- Week 2: Input BPS data to GHG inventory software and run business as usual and GHG reduction scenarios using different GHG reduction targets
- Week 3: CAC Meeting
 - review survey and
 - GHG emission reduction projections
 - Finish other items from November agenda
- Week 4: Finish any data modelling for CEEP

January

- Assign time for communications, outreach and social media campaigns to promote survey
- Begin writing key background sections of CEEP
 - Climate change action to date at the municipality
 - PIEVC Climate Risk Assessment
 - Strategic alignment with municipal strategic, CDM, asset management, funding opportunities and strategic partners
 - Discussion of GHG inventory modelling results that were completed in December
 - Discussion of LED lighting project
 - Discussion of stakeholder engagement activities up until Ethelo survey
- Municipal staff, CAC review of BACKGROUND and RISK sections of CEEP end of January

February:

- Receive Ethelo survey results on climate change action the community would like the municipality to take – use report as part of CEEP under stakeholder engagement section
- Prioritize actions – near, mid and long term

- Create an accountability statement to monitor CEEP progress after publication
 - human resource capital requirements and committee/advisory panel continuation
- Municipal staff, CAC review of ACTION and PRIORITIZATION sections of CEEP end of February

March:

- Make CEEP edits
- Send CEEP to Council
- Once approved, promote in community
- Apply for funding
- Complete contract April 1 2021

Project Risks of note at this stage:

- The MEP grant which covers 20% of salary goes until April 1, 2021
- The FCM grant which covers 80% of salary goes until February 28, 2021
- There is a potential that municipality may need to cover 80% of salary for 1 month – March 1 to April 1 2021 if FCM funding is not extended
- CCC has informed FCM that project is running behind
- FCM funding started two months late so a 1-month extension considering all of the delays from staff turnover and Covid19 is reasonable

Chris – willing to be part?

- Yes – willing to participate
- CCC to follow up with C. Theijsmeijer
- C. Theijsmeijer send CCC via email during meeting, power point presentation delivered to Council in 2019 on Go Green

e) Review Climate Change Coordinator contract funding - P. Darlaston

Question: Alternative funding? Or does anyone have any leads on funding?

CCC Remarks:

- Yes – there is funding but much of it is tied to specific projects identified in CEEP
- The key will be for municipal staff and CAC to identify priority projects that they want to pursue funding for to complete feasibility studies or expand planning efforts in areas that we did not have time to address throughout this process
- CCC working on funding opportunity report which will be reviewed by CAO's
- Funding report could help staff and CAC prioritize projects
- CCC has had initial exploratory conversation with Fed Nor to discuss bridge funding, supporting CCC salary between contract end on April 1, 2021 until specific project funding is obtained – next step for this would be discussion with CAO as they are responsible for staffing requirement decisions

Question: Is the CAC an Ad Hoc committee that will dissolve after CEEP is published or will it remain a standing Council committee with responsibility of stewarding CEEP?

B. Barker – good question. This is something that he will look into between now and next CAC with CAO. His first impression was that it would be a standing committee but remarks there are sections of the TOR that reference specific dates that gives an unclear mandate on future beyond these dates.

- February 2021
- CCC will facilitate until February 2021
- B. Barker to work with municipal staff to clarify

f) CEEP Action Items – Brainstorm

Governance/Policy	Municipal Programming Human Resource Required	Capital Project Feasibility Study
anti-idling bylaw	Household CC advice in each tax bill	Examine biomass options for heating municipal buildings
Create bylaw about new buildings in municipality	Recognize green initiatives in local businesses	Smart meters in municipal buildings
Create bylaw and tax incentives for 'tiny' houses	Establish ride-share Explore potential municipal partnership with Manitoulin Transit	Establish a location to re-use items that don't need to go to the landfill (old "Kagawong Mall")
Establish policy on buying new equipment for municipality to reduce GHG	Establish community garden space	Examine possible solar options for net-metering on municipal buildings
	Establish community composting	Examine passive green design options for municipal buildings
	Community – program to help residents	Glass recycling
	Community – tree planting, reforestation	Expand on 2018 energy audit – municipal buildings retrofits, air leakage
	tool-share locally	

c) Correspondence

None

d) Information

None

e) Notices of Motion

None

f) Closed Session

n/a

g) Next Meeting: December 9, 2020

Time – 7pm works for everyone meeting will be virtual again

h) Adjournment: The meeting was adjourned at 8:45 p.m. on a motion by P. Darlaston

Climate Action Committee

Wednesday December 9, 2020

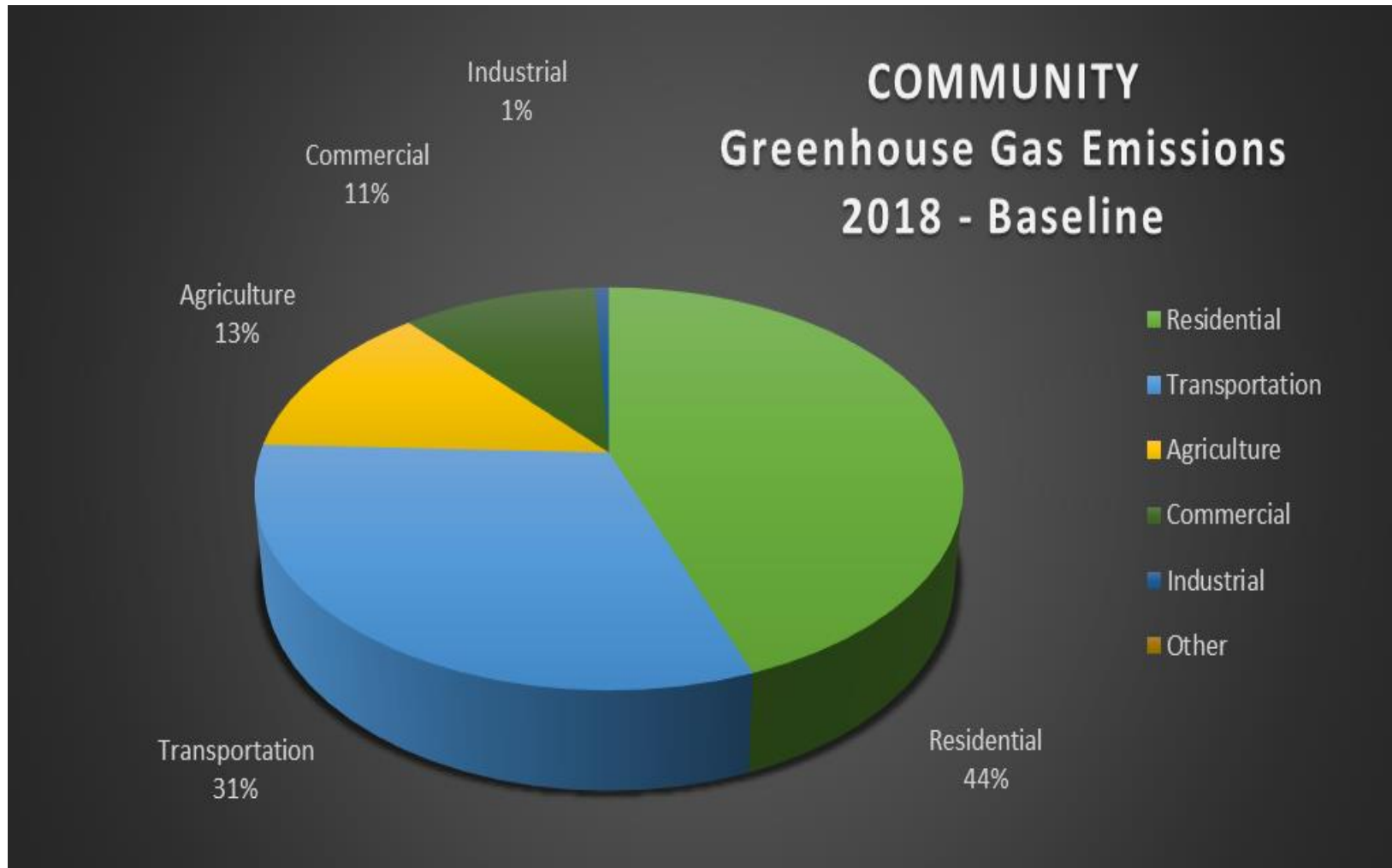
7:00pm-8:30pm

Community Survey
Outline



Township of
BILLINGS

Come experience Billings... Exceptional



How do Billings residents fit into the bigger picture?

tCo₂ per person in Billings
~25tCo₂/yr per person

Average per Canadian (2018)
~19.7tCo₂/yr per person [1]

[1] National Inventory Report 1990-2018: Greenhouse Gas Sources and Sinks Canada's submission to the United Nations Framework Convention on Climate Change

http://publications.gc.ca/collections/collection_2020/eccc/En81-4-2018-1-eng.pdf (September 22, 2020)

SURVEY – MAIN SECTIONS

Community Emissions

- Shared spaces – Natural Assets
- Waste Reduction
- Residential
- Transportation

Corporate Emissions

- Asset Management Plan
 - OPTION A (45% GHG Reduction)
 - OPTION B (30% GHG Reduction)
- Encouraging Climate Action through public policy
- Funding Climate Action in Billings

Community Emissions

Our shared spaces

Information before questions:

- Introduce survey participants to the concept of Natural Asset Management by describing the natural features of our municipality and how forests, wetlands and natural heritage sites are both climate change risks and opportunities
- Identify areas in the municipality that have and will continue to be conserved – e.g. Bridal Veil Falls Trail
- Identify engineered projects that the municipality has completed in the past 5yrs to mitigate climate risk of our shared spaces – e.g. Honora Bay bridge and Main Street project
- Include images and graphics showing tree covered rural property area vs. other land uses within the region to give a visual of our municipality (see next slide)

Question Topics:

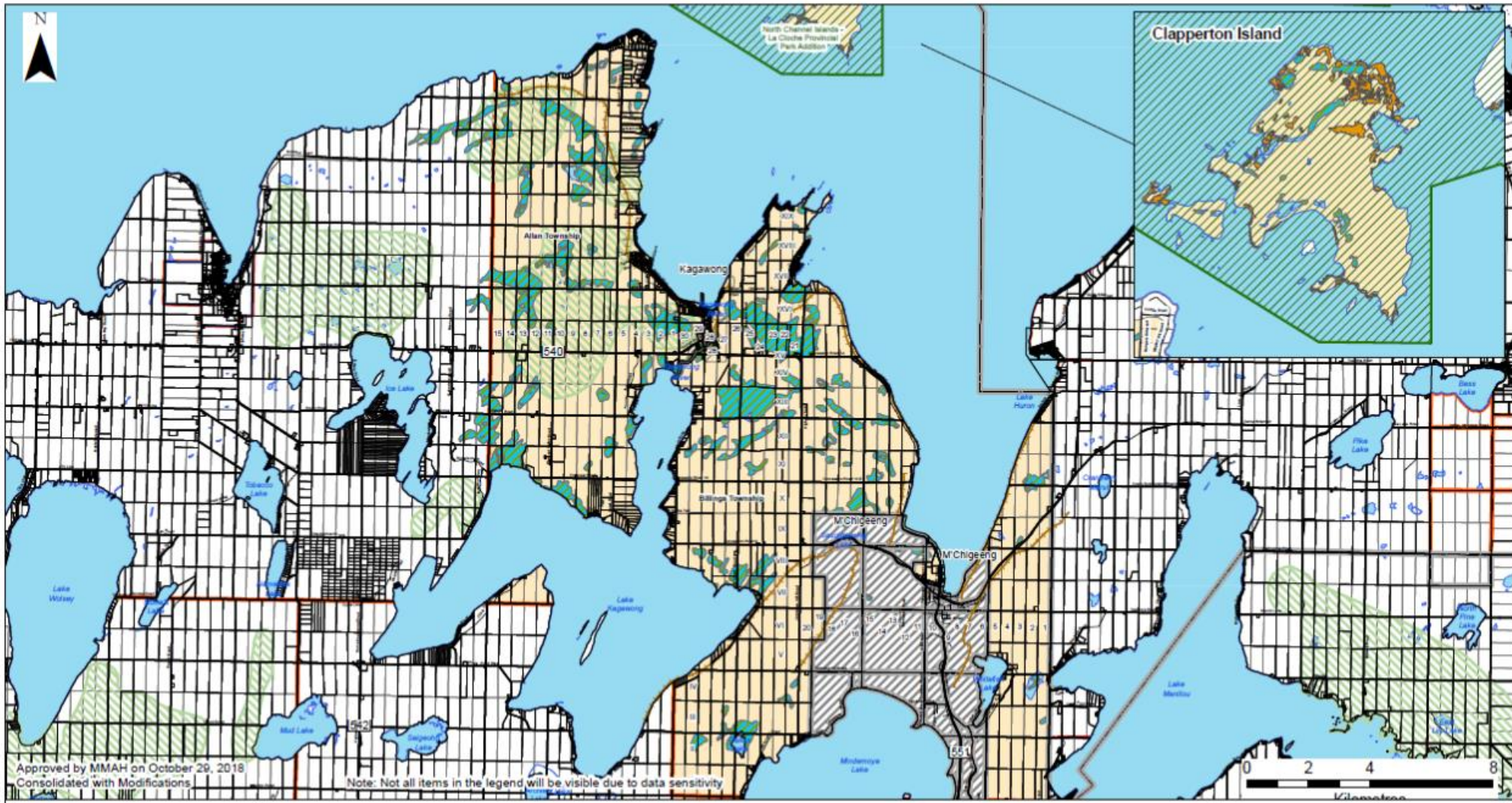
Climate Change – Risk Assessment:

- Have you been impacted or are you worried about – flooding, drought, wildfire, extreme weather
- Have you experienced personal property damage from any of these climate change risks in the past 5yrs?

Climate Change Actions:

- Tree planting
- Tax incentives for conservation and stewardship of natural heritage features present on private property

What else could be included in a section like this?



Approved by MMAH on October 20, 2018
Consolidated with Modifications

Note: Not all items in the legend will be visible due to data sensitivity

<p>District of Manitoulin Official Plan Schedule D5 Billings Township Natural Heritage Features and Areas</p>		<p>Legend</p> <ul style="list-style-type: none"> Highway 6 Secondary Highway Local Road First Nation Reserve Manitoulin Planning Area Municipal Boundary Urban Settlement Boundary Provincial Park Proposed Provincial Park Water Body Conservation Reserve Geographic Township 		<p>Natural Heritage Features and Areas</p> <ul style="list-style-type: none"> Conservation Reserve Provincially Significant Wetlands Unevaluated Wetlands Alvar Area ANSI Deer Yard Fish Habitat Stream Escarpment 	
		<p>This schedule is for general illustration purposes only. For boundary interpretation please contact the District of Manitoulin Planning Board. This schedule is intended to be interpreted in conjunction with the other schedules and policies of this Official Plan.</p>			

Community Emissions – Waste Reduction

Topics:

Overall consumption habits

Food systems – community gardens local food

Glass recycling

Composting

Waste and Recycling compaction

Community Emissions – Residential

Information before questions:

It is estimated that 44% of GHG emissions in our municipality are generated from single family dwellings:

21 Farm

393 Seasonal

324 Permanent

Question Topics:

Permanent/Seasonal/Farm

If seasonal, how many days or weeks or months a year do you use your seasonal property?

Sources of energy used now – home heating and electricity

Planned energy efficiency upgrades?

Would you improve your energy efficiency if you had access to grants or a loan?

If you could purchase renewable energy from a local source at the same price as Hydro One – would you?

Community Emissions – Transportation

Topics

Capture better data about the driving habits of permanent and seasonal residents

Have they ever heard of United Manitoulin Island Transit (UMIT) – would work with UMIT on these questions

- If UMIT had an on demand ride sharing service – would you use it?
- Local bus route for commuters or tourism

Electric Vehicles

- What kind of car do you drive now?
- Are you considering an EV vehicle purchase in the future?
- EV charging stations – for public use (a series of questions)

Corporate Emissions

Greening Billings through Municipal Asset Management

- Briefly outline that municipality is updating AMP
- Strategic Plan – sustainability
- Strategic AMP – review opportunities to save energy and reduce emissions
- 2018 structural assessment – detailing the high cost of repairs to key buildings

Potential Question Topics:

OPTION A:

Reduce Corporate GHG emissions by 45% by 2030

Community support to consolidate assets?

Community support for a multipurpose net zero municipal building? Fire Hall, municipal services (admin and maintenance), library and Council chambers

OPTION B:

Reduce Corporate GHG emissions by 25% by 2030

Continue retrofitting all municipal buildings as funding becomes available and evaluate renewable energy opportunities for each building

Encouraging Climate Action

Local Programs and Policy

Programs

- Household climate change risk management and adaptation educational program (in person/web resources)
- Recognize local businesses for green initiatives
- Tool and other household item sharing space
- Community gardens

Policy

- Incentives for converting to low GHG emission energy sources
- Anti-Idling bylaw
- Sustainable construction materials use incentives
- Incentives to build smaller, sustainable homes, tiny homes or homes using alternative materials (e.g. shipping containers)
- Water efficiency incentives
- Incentives for preservation and stewardship of natural heritage features on private property

Funding Climate Action in Billings

Information before questions:

- Provide general overview of funding opportunities available for municipality to access
- Explain that most funding opportunities require the municipality to make a contribution to a project or salary of a staff person
- Provide examples of how the municipality has already used municipal funds for climate action e.g. Honora Bay

Potential topics/questions for survey:

Could the municipality earmark funds for climate action annually?

If so – how much and when could this start?

Would you pay \$1 per year – per household to support climate action programming in Billings?

CAC Meetings	Planned (October 2020)	Adjusted Schedule
Wednesday January 13, 2021	Review final draft of CEEP and recommend it be accepted by Council	
Wednesday January 27, 2021	--	
Wednesday February 10th, 2021	Last CAC meeting prior to the end of my contract – no items scheduled now in case we don't meet some of the above noted deadlines.	
Wednesday February 24, 2021		
Wednesday March 10, 2021		
Wednesday March 24, 2021		
Thursday April 1, 2021	Tentative – Last day of Climate Change Coordinator contract	