



**TOWNSHIP OF MELANCTHON - ELECTRONIC MEETING  
ENVIRONMENTAL SUSTAINABILITY COMMITTEE  
FRIDAY, JUNE 11, 2021 - 10:30 A.M.**

**Join Zoom Meeting**

<https://us02web.zoom.us/j/84766518291?pwd=M0VJNG8zVzFhUnFpZTRCNDJZRWY3dz09>

Meeting ID: 847 6651 8291

Passcode: 192842

One tap mobile

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Meeting ID: 847 6651 8291

Passcode: 192842

**AGENDA**

- 1. Call Meeting to Order**
- 2. Additions/Deletions/Approval of Agenda**  
Motion - Moved by \_\_\_\_\_, Seconded by \_\_\_\_\_ that the Agenda be approved/amended. Carried.
- 3. Declaration of Pecuniary Interest or Conflict of Interest**
- 4. Approval of Draft Minutes – May 14, 2021**  
Motion - Moved by \_\_\_\_\_ Seconded by \_\_\_\_\_ the minutes of the Environmental Sustainability Committee held on May 14, 2021 be approved as circulated. Carried.
- 5. Business Arising from the Minutes**
- 6. General Business**
  1. Melancthon Climate Action Plan Discussion and Responses
  2. Other/Addition(s)
- 7. Delegations**

**10:30 a.m.** – Dr. Christine Winder Regarding Pollinator Gardens

**8. Confirmation of Meeting**

Motion - Moved by \_\_\_\_\_ Seconded by \_\_\_\_\_,  
that all actions of the Members and Officers of the Environmental Sustainability  
Committee with respect to every matter addressed and/or adopted by the  
Committee on the above date be hereby adopted, ratified and confirmed; and  
each motion, resolution and other actions taken by the Committee Members and  
Officers at the meeting held on the above date are hereby adopted, ratified and  
confirmed. Carried.

**9. Adjournment and Date of Next Meeting**

Motion - Moved by \_\_\_\_\_ Seconded by \_\_\_\_\_,  
that we adjourn the Environmental Sustainability Committee at \_\_\_\_:\_\_\_\_am to  
meet again on \_Friday\_ \_July\_ \_\_\_\_\_,2021 or at the call of the Chair. Carried.

## Donna Funston

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**From:** Denise Holmes  
**Sent:** Friday, May 21, 2021 9:42 AM  
**To:** Donna Funston  
**Subject:** Melancthon Climate Action Plan  
**Attachments:** Melancthon.docx

Donna,

At last night's meeting, Council referred this matter to the next meeting of the Environmental Sustainability Committee to discuss and respond to the questions and to then have this brought back to Council for review.

Thank you.

***Denise B. Holmes, AMCT  
CAO/Clerk, Township of Melancthon  
519-925-5525 Ext. 101***

**Please be advised that effective April 19, 2021, the Office will be closed to the Public due to the Extended State of Emergency/Stay-At-Home Order issued on April 17, 2021 until further notice. If you require assistance, please contact the office at 519-925-5525, as Staff are still working in the Office. We may be able to provide 'curbside pick-up' of some items. We are encouraging everyone to take advantage of the online services offered for payment of taxes, payment of dog tags, fire permits, planning applications, etc.**

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**From:** Sara Wicks <[swicks@dufferincounty.ca](mailto:swicks@dufferincounty.ca)>  
**Sent:** Monday, April 26, 2021 3:02 PM  
**To:** Kaitlin Chessell <[kchessell@melancthontownship.ca](mailto:kchessell@melancthontownship.ca)>  
**Subject:** Melancthon Climate Action Plan

Hi Kaitlin,

As I'm sure you're aware, the Dufferin Climate Action Plan (DCAP) was unanimously adopted last month at County Council! The County will be taking the lead on the plan, but will require supported from the member municipalities, as well as the community. As we say: "Municipally-led, community supported."

As part of Melancthon's commitment to the Partners for Climate Protection Program, Milestone 1 in the community stream was technically completed through the Dufferin County GHG Inventory, but Melancthon will still have to input the data into the PCP tool to officially achieve it and have it recognized. However, community-specific GHG reduction targets and a local action plan is required for Melancthon to achieve Milestones 2 and 3.

The County's Climate and Energy division is offering to help all the member municipalities by creating individual locally-based climate action plans that will lay out how they can contribute to climate action in a coordinated way. These local plans geared towards implementation over the next 5 years will be rooted in the Dufferin Climate Action Plan, which member municipalities contributed in developing last year via the DC4 group, while also connecting to local priorities and respect for local capacity. Of course this plan will be done in partnership with municipal staff and would ultimately have to be adopted by Melancthon Council.

To begin the conversation, I've attached a document which I hope to be the starting point for developing a local action plan. It includes:

- Summary of community GHGs in Melancthon
- Guiding questions about the priorities of the municipality (to be filled out by the municipality)
- Summary of priority actions of the DCAP to 2025
- Summary review of Melancthon's current OP and the alignment to the DCAP
- Recommended local actions based on alignments

Let me know what you think of this approach and if that could work for Melancthon. I was hoping to have you review the attached doc and return it to me with the questions answered so I can get an idea of your priorities (just check boxes – multiple choice!) and perhaps we can set up a time to chat.

I'm hoping to chat about this sometime the week of May 10. Is there a time during that week that yourself, and/or other appropriate staff member would be available to discuss this?

Thanks,  
Sara

**Sara Wicks (she/her) | Manager of Climate and Energy | Public Works Department**  
**County of Dufferin** | 519.941.2816 x2624 | [swicks@dufferincounty.ca](mailto:swicks@dufferincounty.ca) | 55 Zina Street, Orangeville, ON L9W 1E5

**Connect with Climate Action in Dufferin on Social Media | [Facebook](#) | [Instagram](#)**

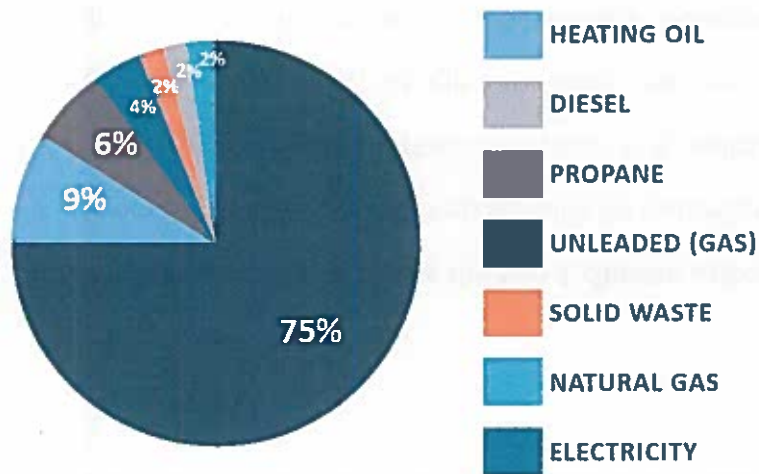
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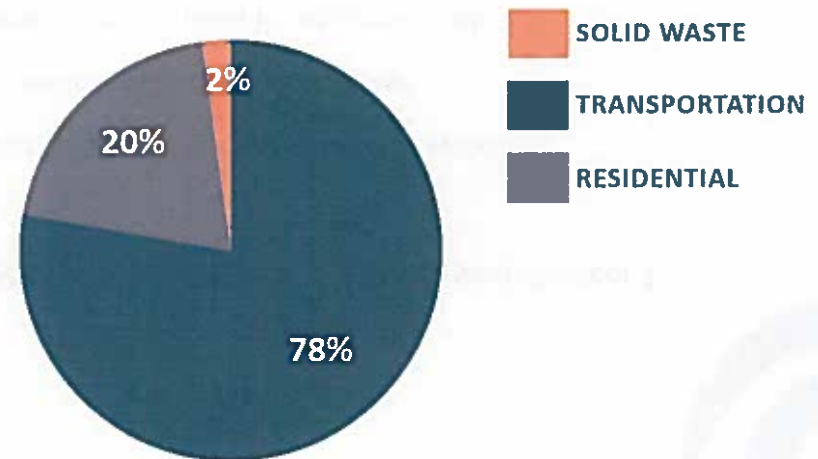
# Melancthon: Climate Action Implementation Strategy

## Greenhouse Gas Emissions

TCO<sub>2</sub>E MELANCTHON BY ENERGY SOURCE



TCO<sub>2</sub>E MELANCTHON BY SECTOR



## Guiding Questions

What are the motivating factors for your community to participate in climate action? Select all that apply:

- To be a local climate action leader/example
- To lower energy costs for residents and businesses
- To ensure agricultural sustainability and food security
- To attract new business and tourism to the community

- To protect water (sources and quality)
- To protect, restore, and enhance the natural environment
- To diversify the local energy supply
- To ensure a safe and healthy community
- To address inequity within the community
- To protect the community and infrastructure against extreme weather events such as floods, storms, heat waves, etc.

**What are some of the top strategic priorities for your municipality over the next 5 years?**

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**What would you like to see as the top 3 climate priorities for your municipality over the next 5 years? Select 3:**

- Supporting sustainable and regenerative agriculture practices
- Developing active transportation networks (e.g. walkable community, bike lanes, connected trail systems)
- Reducing energy costs through retrofitting and energy efficiency measures in existing buildings
- Supporting electric vehicle charging network development to support tourism and EV adoption goals
- Implementing green development standards for new buildings and neighbourhoods to ensure long-term sustainability
- Support conservation and rehabilitation of ecological systems (e.g. wetland restoration or tree planting)
- Expanding public transit options and network
- Supporting climate change awareness and education opportunities

- Encourage the uptake of low-carbon and renewable energy sources (e.g. fuel switching)
- Encourage green infrastructure development to support resiliency goals
- Minimize flood risks through natural infrastructure protection and enhancement
- Plan complete communities

**What supports does your municipality require from the County to participate in climate action?**

- Providing trainings to staff on climate change and the Dufferin Climate Action Plan
- Providing guidance for climate related projects in the municipality
- Providing information on available grant programs
- Hosting climate change related events and education opportunities within our municipality
- Providing research and resources to municipal staff to support the planning and implementation of specific climate actions
- Other (please specify):

**What support can your municipality provide to the County to advance local climate action?**

- Designating a staff member to attend regular meetings with the Dufferin County Climate Change Collaborative (DC4)
- Co-hosting community climate change events or initiatives with County staff
- Supporting outreach efforts by helping to share resources and opportunities with community members via municipal communication channels
- Providing data (e.g. GIS) to support the monitoring of progress over time

## The County's 5 First Priorities

Dufferin County's Priority Actions to 2025	Recommended Supporting Actions
<p><b>Develop a LIC program</b> to encourage and make the uptake of retrofitting and energy efficiency measures in residences more accessible for residents</p>	<ul style="list-style-type: none"> <li>• Support County staff as required in the development of a feasibility study</li> <li>• Provide support in Review and provide insights on LIC program model with County staff</li> <li>• Encourage local residents to participate in LIC program</li> <li>• Help County staff identify priority areas for program targeting in your municipality</li> <li>• Pass an LIC bylaw through Council</li> <li>• Work with County staff to set up the structure to attach the loan to their property tax system for repayment</li> <li>• Manage the payments to homeowners once they are accepted into the program</li> </ul>
<p><b>Accelerate the transition to low-GHG transportation</b> by developing an electric vehicle charging network across Dufferin and neighbouring municipalities</p>	<ul style="list-style-type: none"> <li>• Leverage funding opportunities to install EV charging stations as they arise</li> <li>• Work with County staff to identify strategic locations for EV charging stations</li> <li>• As opportunities arise, promote funding programs for local ICI sectors to install EV charging stations (e.g. Electric Vehicle and Alternative Fuel Infrastructure Deployment Initiative)</li> <li>• Support County-led public education campaigns on electric vehicle adoption</li> </ul>



<p><b>Empower the community</b> to take climate action by institutionalizing climate action in municipal planning and supporting community awareness, education, and knowledge sharing initiatives</p>	<ul style="list-style-type: none"> <li>• Institutionalize local commitment to climate action in municipal plans and policies during updates</li> <li>• Share community awareness, education, and knowledge sharing opportunities with your community via municipal communication channels</li> <li>• Work with Climate Action in Dufferin to create a climate change page on municipal website for residents to access planning documents and available resources</li> <li>• Co-host relevant events with County climate change staff</li> </ul>
<p><b>Support climate-resiliency initiatives</b> in the agricultural sector to enhance food security, support local farmers, and protect natural systems</p>	<ul style="list-style-type: none"> <li>• Connect County staff with local agricultural stakeholders</li> <li>• Support research projects by providing and reviewing data as required</li> <li>• Support water conservation programs</li> <li>• Work with County staff to develop and/or update stormwater management plans with climate lens</li> <li>• Work with County staff to develop a climate lens to water quality and quantity protection initiatives</li> <li>• Develop a municipal natural asset management plan based on natural asset inventory</li> <li>• Participate in grant applications and provide support to projects as required</li> <li>• Share information to residents about events and educational opportunities</li> <li>• Adopt both a private and heritage tree protection by-law</li> <li>• Amend the landscape regulations in both Zoning and Subdivision by-laws to increase tree protection and replacement requirement</li> <li>• Ensure tree planting requirements are executed through new construction</li> </ul>

<p><b>Create green development standards</b> to ensure new development is environmentally sustainable</p>	<ul style="list-style-type: none"> <li>• Explore options to incentivize application of green development standards by local developers</li> <li>• Review existing development standards and update using a climate lens</li> <li>• Consider requirement for a 'climate impacts' section in all development applications</li> </ul>
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## Melancthon Township: Recommended Climate Actions

Official Plan Objectives	DCAP Actions Alignment	Recommended Local Actions (2021-2025)	Notes	Relevant Projects
Direct growth to settlement areas such as the village of Horning's Mills, or the Hamlets of Corbetton or Riverview				
Provide opportunities for housing which accommodate a wide range of need and affordability				
Develop communities, which are efficient and livable	<ul style="list-style-type: none"> <li>• Provide capacity building opportunities for residents, businesses, and institutions</li> </ul>	<ul style="list-style-type: none"> <li>• Share opportunities with community members as they arise</li> </ul>		

	<ul style="list-style-type: none"> <li>• Create a community culture around climate action</li> </ul>	<ul style="list-style-type: none"> <li>• Promote and participate in County led initiatives</li> </ul>		
	<ul style="list-style-type: none"> <li>• Create accessible and walkable communities</li> </ul>	<ul style="list-style-type: none"> <li>• Improve pedestrian crossings, comfortable walking routes, maps and signage</li> <li>• Support the coordination of accessible trails, walking, and cycling facilities</li> </ul>		
	<ul style="list-style-type: none"> <li>• Promote deep energy retrofit programs/options and provide information on resources and financing programs</li> </ul>	<ul style="list-style-type: none"> <li>• Support County staff as required in the development of housing stock</li> <li>• Support and share educational initiatives</li> </ul>		
	<ul style="list-style-type: none"> <li>• Establish green development standards for buildings</li> </ul>	<ul style="list-style-type: none"> <li>• Work with County staff to develop green development standards</li> <li>• Review existing development standards and update using a climate lens</li> <li>• Consider requirement for a 'climate impacts' section in all development applications</li> </ul>		
	<ul style="list-style-type: none"> <li>• Promote home resilience programs and provide information on resources and financing programs</li> </ul>	<ul style="list-style-type: none"> <li>• Share available resources with residents and building owners</li> <li>• Encourage residents and building owners to undertake resiliency measures</li> </ul>		

	<ul style="list-style-type: none"> <li>Plan complete communities</li> </ul>	<ul style="list-style-type: none"> <li>Work with County staff to develop policies that encourage compact, accessible, and walkable neighbourhoods</li> </ul>		
	<ul style="list-style-type: none"> <li>Increase public awareness of and education on climate-friendly travel modes</li> </ul>	<ul style="list-style-type: none"> <li>Share and support County led outreach as required</li> </ul>		
Maintain the small town and rural character of the Township	<ul style="list-style-type: none"> <li></li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>		
Protect the agricultural land base for farming	<ul style="list-style-type: none"> <li>Promote and incentivize the adoption of climate-friendly practices in the agricultural sector</li> </ul>	<ul style="list-style-type: none"> <li>Connect County staff with agricultural stakeholders</li> <li>Support research projects by providing information as required</li> <li>Encourage regenerative and ecological agricultural practices</li> <li>Encourage climate-friendly water management systems</li> </ul>		
	<ul style="list-style-type: none"> <li>Develop education partnership with agricultural community/partners to support long-term climate-friendly practices and knowledge sharing</li> </ul>	<ul style="list-style-type: none"> <li>Connect County staff with agricultural stakeholders</li> <li>Support County in networking and educational initiatives</li> </ul>		

Provide the infrastructure required to accommodate growth in an environmentally and fiscally responsible manner	<ul style="list-style-type: none"> <li>• Work with regional and municipal partners to expand low and zero-emission vehicle uptake and charging networks</li> </ul>	<ul style="list-style-type: none"> <li>• Leverage funding opportunities to install EV charging stations</li> <li>• Work with County staff to identify strategic locations for EV charging stations</li> </ul>		
	<ul style="list-style-type: none"> <li>• Create green development standards and practices for land use planning</li> </ul>	<ul style="list-style-type: none"> <li>• Explore options to incentivize application of green development standards by local developers</li> <li>• Review existing development standards and update using a climate lens</li> </ul>		
	<ul style="list-style-type: none"> <li>• Encourage green infrastructure and low-impact development to support resiliency goals</li> </ul>	<ul style="list-style-type: none"> <li>• Provide support to projects as required</li> <li>• Investigate opportunities to incorporate green infrastructure</li> </ul>		
Take reasonable actions to maintain clean water, clean air and healthy plant, fish and wildlife				
Protect and where reasonable enhance features and functions within natural heritage areas such as wetlands, environmentally sensitive areas, streams and valley	<ul style="list-style-type: none"> <li>• Support conservation and rehabilitation of ecological systems in rural areas</li> </ul>	<ul style="list-style-type: none"> <li>• Work with County staff to provide support to projects as required</li> </ul>		
	<ul style="list-style-type: none"> <li>• Protect and enhance natural assets</li> </ul>	<ul style="list-style-type: none"> <li>• Develop a municipal natural asset management plan based on natural asset inventory</li> <li>•</li> </ul>		

<p>lands, woodlands, areas of natural and scientific interest, discharge and recharge areas and other open space areas</p>	<ul style="list-style-type: none"> <li>• Increase tree coverage and protection in Dufferin County</li> </ul>	<ul style="list-style-type: none"> <li>• Amend the landscape regulations in both Zoning and Subdivision by-laws to increase tree protection and replacement requirement</li> <li>• Adopt both a private and heritage tree protection by-law</li> <li>• Ensure tree planting requirements are executed through new construction</li> </ul>		
<p>Protect Township resources such as farmland, minerals, mineral aggregates and forests, and provide for wise management practices</p>				
<p>Ensure the quality and quantity of groundwater and surface water are protected as an essential resource for rural water supplies, agricultural production, and future growth.</p>	<ul style="list-style-type: none"> <li>• Support water protection initiatives</li> </ul>	<ul style="list-style-type: none"> <li>• Work with County staff to develop a climate lens to water quality and quantity protection initiatives</li> <li>• Support water conservation programs</li> </ul> <p>Work with County staff to develop and/or update stormwater management plans</p>		