### MC2 Discussion – a Climate knowledge journey

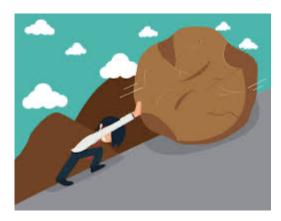
### Learnings

- 1. Mulmur Community Energy Plan
- 2. DC Climate Action Plan
- 3. FCM Climate Leadership Course
- 4. Ontario Climate Caucus
- 5. Sustainable Communities Conference

# The "Ah Ha" moments

- Diane Saxe: Keynote address at NVCA AGM https://www.nvca.on.ca/Shared%20Documents/Highlights%2001-21.pdf
- 2. Seth Klein: <a href="https://www.youtube.com/watch?v=jzDxVyEOrNQ&feature=youtu.be">https://www.youtube.com/watch?v=jzDxVyEOrNQ&feature=youtu.be</a>.

# **Challenges**



**Next steps and actions**: What can and should we do?

### 1. Mulmur Community Energy Plan

The CEP process evaluates a community's existing energy use and greenhouse gas (GHS) emissions in order to:

- 1. Determine community-wide energy consumption and GHG emissions.
- 2. Identify and Implement solutions to improve energy efficiency and conservation.

Develop a set of guidelines that will help the community and its municipal government to:

- 1. Improve energy efficiency.
- 2. Reduce energy consumption and greenhouse gas emissions.
- 3. Study the impact of future growth on energy needs.
- 4. Foster renewable energy production and economic development.

#### Recommendations:

- 1. Update Municipal Infrastructure: Fleet, Contractors, Community Centre, PV Solar, Tree Planting program, Requirement for new building standards, Promotional Program.
- 2. LIC program (Local Improvement Charge)
- 3. Develop a municipally led financing program for home energy retrofits to encourage and make the uptake of deep energy retrofitting and energy efficiency measures in residences more accessible for residents.
- 4. Accelerate the transition to low-carbon transportation by developing an electric vehicle charging network across Dufferin and neighbouring municipalities.
- 5. Empower the community to take climate action by institutionalizing climate action in municipal planning and supporting community awareness, education, and knowledge sharing initiatives.
- 6. Support climate-resiliency initiatives in agricultural and natural systems to enhance food security, support local farmers, and protect natural systems.
- 7. Create green development standards to ensure new development is environmentally, socially, and economically sustainable.

### 2. Dufferin County Climate Action Plan

**During the next 5 years, Dufferin County will focus on 5 priority actions.** This will allow the County to shift away from business as usual and build a solid foundation from which to continue to respond quickly and effectively to the climate crisis.

- 1. **Develop a municipally led financing program for home energy retrofits** to encourage and make the uptake of deep energy retrofitting and energy efficiency measures in residences more accessible for residents.
- Accelerate the transition to low-carbon transportation by developing an electric vehicle charging network across Dufferin and neighbouring municipalities.
- 3. **Empower the community to take climate action** by institutionalizing climate action in municipal planning and supporting community awareness, education, and knowledge sharing initiatives.
- 4. **Support climate-resiliency initiatives** in agricultural and natural systems to enhance food security, support local farmers, and protect natural systems.
- 5. **Create green development standards** to ensure new development is environmentally, socially, and economically sustainable.

## 3. FCM Climate Leadership Course:

Module One: Engaging and improving communication to advance municipal climate action:

We will look at strategies for having better conversations around climate action and the importance of working collectively to achieve our goals.

Module Two: How and why to incorporate a climate lens:

This module focuses on the major actions and opportunities available to elected officials to make their communities healthier, more liveable, and resilient to climate change.

Module Three: The Climate Leaders Playbook: Solutions for a zero-carbon community:

Resource designed specifically for local government elected officials who want to lead and support bold, timely climate action in their community.

### 4. Ontario Climate Caucus <a href="https://www.climatecaucus.ca/">https://www.climatecaucus.ca/</a>

#### Climate Caucus serves as:

- a meeting place for elected representatives to connect
- a collective force to advocate at the provincial, territorial and federal levels of government (here are some of our achievements)
- a centralized location for municipal climate action & policy throughout Canada

#### 5. Sustainable Communities Conference Oct 2020

#### **Opportunities for Mulmur and Dufferin County**

#### Reduce sources of carbon

- Support the development of carbon-free recreation via cycling routes, forest trails, and tourism initiatives.
- 2. Support the further development and expansion of an electric charging stations network.
- 3. Implement actions suggested in our Community Energy Plan, Ex: Support the transformation of municipal buildings and residential homes towards low carbon outputs via an LIC program.
- 4. Incorporate a climate lens into the asset management plan.

#### Support creation/expansion of carbon sinks

- 1. Protect and restore eco-systems (forests, wetlands, meadows, etc.)
- 2. Support local farmers and CSA's.
- 3. Promote tree planting both municipal and residential.
- 4. Develop an inventory of programs and contacts available.

#### Consistent and collaborative communications

- 1. Work with other municipalities to generate consistent climate messaging and solutions and harmonized communication processes (monthly newsletters for ex.)
- 2. Ensure residents understand their opportunities and accountabilities.
- 3. Promote appropriate climate action resource capacity It is essential that climate action be recognized as priority 1 and that Dufferin support increased resources to address our responsibilities.