



MUNICIPALITY OF NORTH GRENVILLE

MAYOR'S TASKFORCE ON CLEAN TECHNOLOGY MEETING AGENDA

Monday, November 25, 2024, 3:00 p.m. - 5:00 p.m.

Held in Meeting Room 1, 285 County Road 44

Pages

A. Open Meeting

B. Land Acknowledgement

The Municipality of North Grenville acknowledges that the Municipality operates on the territory of the Anishnabek.

We recognize all First Nations, Métis, and Inuit peoples who now call North Grenville their home. We respect and support the need for cultivating a strong relationship, and we commit to Indigenous-informed decision making to foster the path towards reconciliation.

C. Approval of the Agenda

D. Disclosure of Interest

E. Approve Minutes of Previous Meeting

Recommendation:

THAT the meeting minutes for the Mayor's Taskforce on Clean Technology on October 21, 2024 be approved as presented.

1. Committee Meeting Minutes - October 21, 2024

1

F. Delegations

1. Town of Caledon, Resilient Caledon Community Climate Action Plan

Alexandra (Allie) Service

https://www.caledon.ca/en/news/resources/Community-Climate-Change-Action-Plan_2021.pdf

G. Decision Items

1. Task Force's Interim Report

Deadline to Council: January 31, 2025

Preliminary report on Task Force examinations of current status of Clean Tech and Clean Technologies and opportunities to pursue and possibly adopt strategies.

1. Task Force Brainstorm Web

Nadia Diakun-Thibault

7

H. Correspondence/Information Items/Reports

I. Other Business

1. Items for Next Meeting

1. Green Tech, Green Technology or Nature-based Solutions Discussion Paper (December 16, 2024)
2. Clean Technology Company Attraction (December 16, 2024)
3. Potential European Green Initiatives, Nature-Positive Economy (December 16, 2024)
4. Delegation - Janice Ashworth (TBD)

J. Public Questions

K. Adjournment

Recommendation:

THAT the meeting of the Mayor's Taskforce on Clean Technology on November 25, 2024 adjourn at XX:XX a.m./p.m.



MUNICIPALITY OF NORTH GRENVILLE
MAYOR'S TASKFORCE ON CLEAN TECHNOLOGY MINUTES

October 21, 2024, 2:00 p.m. - 4:00 p.m.
Held in Meeting Room 1, 285 County Road 44

MEMBERS PRESENT Councillor Deb Wilson
Greg Lane
James McNeil
Wayne Brown
Kevin Willey
Shawn Carnegie
Nadia Diakun-Thibault
Mayor Nancy Peckford
Matt Gilmer, Manager of Economic Development & Tourism

MEMBERS ABSENT Cholly Boland
Karen Dunlop, Chief Administrative Officer

STAFF PRESENT Chloe Preston, Municipal Clerk
Senterre McKenna, Committee Clerk

OTHERS PRESENT Mike Findley, Director of Public Works, left meeting at 3:23PM
Bruce Enloe, Executive Assistant to The Mayor
Anne Weir, Economic Development Manager or United
Counties of Leeds Grenville UCLG
Susan Smith MNG, Funding and Grants
Katie Nolan, Community Futures Grenville
James McNeil arrived at 2:17PM

A. Open Meeting

Co-Chair Mayor Nancy Peckford called the meeting to order at 2:01 p.m.

B. Land Acknowledgement

The land acknowledgement was read by Mayor Nancy Peckford.

C. Approval of the Agenda

Moved By Kevin Willey

Seconded By Greg Lane

Be it resolved that:

The agenda for the Mayor's Task Force on Clean Technology meeting on October 21, 2024 be approved as presented.

CARRIED

D. Disclosure of Interest

None.

E. Approve Minutes of Previous Meeting

Moved By Nadia Diakun-Thibault

Seconded By Kevin Willey

Be it resolved that:

The minutes of the Mayor's Task Force on Clean Technology meeting on September 16, 2024 be approved as presented.

CARRIED

1. Committee Meeting Minutes - September 16, 2024

F. Delegations

None.

1. Federation of Canadian Municipalities (FCM) Opportunities

Susan Smith provided insights on funding agencies and community grants, particularly regarding the Federation of Canadian Municipalities (FCM). She discussed the complexities of the grant application process, emphasizing the need for detailed information and alignment with the Municipalities goals, including greenhouse gas reduction.

Wayne Brow inquired about past successful applications with FCM, to which Susan Smith confirmed some success, though not for Federal Funding. Mayor Nancy Peckford asked about the Green Municipal Fund and whether the Municipality has applied to relevant grants. Susan Smith clarified that a specific project must be defined before applying, as general applications are not permitted. Nancy Peckford noted the potential benefits of developing a sustainable plan to access

additional funds, which Susan Smith agreed could be advantageous, provided funding is confirmed.

Nancy Peckford also mentioned two new funding options presented at the Eastern Warden Caucus: Adaptation and Action, and Climate Ready Plans and Processes. Susan Smith advised against relying on the FCM website for information due to frequent changes, recommending direct contact with FCM project managers when filling out an application. Greg Lane suggested reviewing successful applications from other municipalities for guidance.

Nancy Peckford expressed interest in capacity-building grants for municipalities needing initial support and highlighted neighboring counties' successes with Green Building Grants. Ann Weir recalled past applications for sustainability grants and mentioned previous consultations on climate change. Nadia Diakun-Thibault sought more information on FCM's greenhouse gas reduction requirements, while Susan Smith indicated these typically cover a 20-year period. Greg Lane inquired about agricultural grants, but Susan Smith was unfamiliar with specific options, as there is an abundance of information on the website.

2. Community Futures Grenville

Katie Nolan shared information about Community Futures, a federally funded non-profit that supports rural economic development. They have established a loan fund over the past three years to provide small business loans in the area. Katie Nolan is exploring ways to allocate these loans to the clean tech sector, focusing on reducing energy use, waste, and emissions.

She highlighted special loan options, including a \$30K limit in Haliburton for efficiency projects and a \$100K limit in Peterborough, which can fund businesses up to \$300K. There are minimum eligibility criteria set by lenders, with interest rates starting at prime +2%, although there is some flexibility.

Nancy Peckford emphasized the need for clear definitions of green tech and clean tech, while Greg Lane suggested researching incentives for businesses considering relocating to the area. Katie confirmed that both existing businesses and those looking to relocate can apply for loans. Ann Weir pointed out that there are more options for smaller businesses to encourage local growth. Nancy Peckford inquired about coworking opportunities in North Grenville and whether such companies could benefit from the loan program. Katie Nolan affirmed that these types of businesses might qualify and expressed interest in further discussions on this topic.

3. Compostable Yard Waste Program

Mike Findley discussed the Compostable Yard Waste Program in North Grenville, highlighting that residents can purchase compost bins at the Customer Service Desk. The organic waste green bin program recycles 100 tons of waste monthly, with the processed organics being ground up and sold, generating funds.

Greg Lane inquired about how the organics are sold, and Mike Findley explained that they tender the waste annually. Nancy Peckford asked about the potential expansion of the yard waste program alongside the organics program, noting that yard waste is currently picked up twice a year.

Shawn Carnegie expressed interest in alternative programs for organics and yard waste in other municipalities. Mike mentioned future possibilities, including a feasibility study, but noted that ministry approval would be needed for a dedicated compost site. Nancy Peckford suggested that a Federation of Canadian Municipalities (FCM) grant could help meet this need.

Anne Weir mentioned that some municipalities allow residents to drop off yard waste at recycling sites, where they can collect ground waste for their gardens. She also referenced a biodigester in North Augusta Township that faced some controversy, and she offered to share more information about it.

G. Decision Items

H. Correspondence/Information Items/Reports

1. Upcoming Delegation - Janice Ashworth

Janice Ashworth will attend the November meeting to discuss her ideas on climate change, she will address any specific questions during her presentation, focusing on greenhouse gas mitigation, resilience, and priorities for the next five years in North Grenville. The Members would like to discuss and learn more about strategies for lowering emissions and how municipalities can benefit from these approaches.

ACTION: Chloe Preston, Municipal Clerk, will provide Janice Ashworth with this relevant information for her delegation.

2. Clean Air Partnership - Delegation Materials

Correspondence to members re: materials

3. Resolution to Join FCM-ICLEI Partners for Climate Protection Program - UPDATE

The Council has passed a resolution and submitted it to the Federation of Canadian Municipalities (FCM), including contacts for

correspondence. Matt Gilmer and Nancy Peckford will be included in all communications regarding this matter.

4. Potential European Green Initiatives

Deferred to next meeting.

5. Sustainable North Grenville - Draft Table of Contents, Climate Action Plan

Greg Lane proposed initial elements for a climate action plan and opened the discussion to all members. Wayne Brown inquired about the current status of the process, to which Greg Lane replied that this is just the starting point for further input and refinements, suggesting a name change to "Sustainability Framework."

Nancy Peckford mentioned that Janice Ashworth might have additional sections to contribute, and noted that FCM requires a defined Climate Risk Assessment Plan before an application can be completed. She referenced the City of Ottawa's defined plan for reducing operational emissions. James McNeil emphasized the need for a clearer definition of emission reduction and suggested creating an inventory of current measures for both corporate and community emissions.

I. Other Business

Anne Weird noted November 22rd, Leeds and Grenville Economical summit her at North Grenville, the Energy Minister will be present.

Potential European Green Initiatives, Nadia Diakun- Thibault will be added to this agenda.

1. Items for Upcoming Meetings

1. Delegation - Janice Ashworth (TBD)
2. Delegation - Christina Guido, Town of Caledon (TBD)
3. Task Force Interim Report to Council (November 18, 2024)
4. Green Tech, Green Technology or Nature-based Solutions Discussion Paper (November 18, 2024)
5. Clean Technology Company Attraction (November 18, 2024)

J. Public Questions

None.

K. Adjournment

Moved By Kevin Willey

Seconded By Greg Lane

Be it resolved that:

The meeting be adjourned at 3:48 p.m.

CARRIED



CLEANTECH INNOVATION TIMELINE

GREEN TECH

Green tech, also known as green technology, refers to technologies and innovations developed with the primary aim of minimizing environmental impact or promoting sustainability. These technologies encompass a wide range of fields, including renewable energy, energy efficiency, sustainable transportation, waste management, and water conservation.

Examples of green tech include:

- Solar panels and solar photovoltaic systems for generating electricity from sunlight.
- Wind turbines that harness wind energy to produce electricity.
- Electric vehicles (EVs) and hybrid vehicles that reduce dependence on fossil fuels and mitigate air pollution.
- Energy-efficient appliances and building materials designed to minimize energy consumption in homes and commercial buildings.
- Water-saving technologies such as low-flow faucets, greywater recycling systems, and drip irrigation for agriculture.

GREEN TECHNOLOGY

Green technology, synonymous with environmental technology or clean technology, refers to the development and application of innovative solutions that mitigate environmental degradation and promote sustainable living practices.

Examples of green technology include:

- Biofuels derived from renewable biomass sources like algae, corn, or sugarcane as alternatives to fossil fuels.
- Advanced recycling technologies for processing and repurposing waste materials into new products or energy sources.
- Green building techniques and materials, such as eco-friendly insulation, passive solar design, and sustainable construction practices.
- Carbon capture and storage (CCS) technologies that capture carbon dioxide emissions from industrial processes and store them underground to prevent their release into the atmosphere.
- Smart grid systems that optimize energy distribution and consumption, integrating renewable energy sources and improving overall grid efficiency.

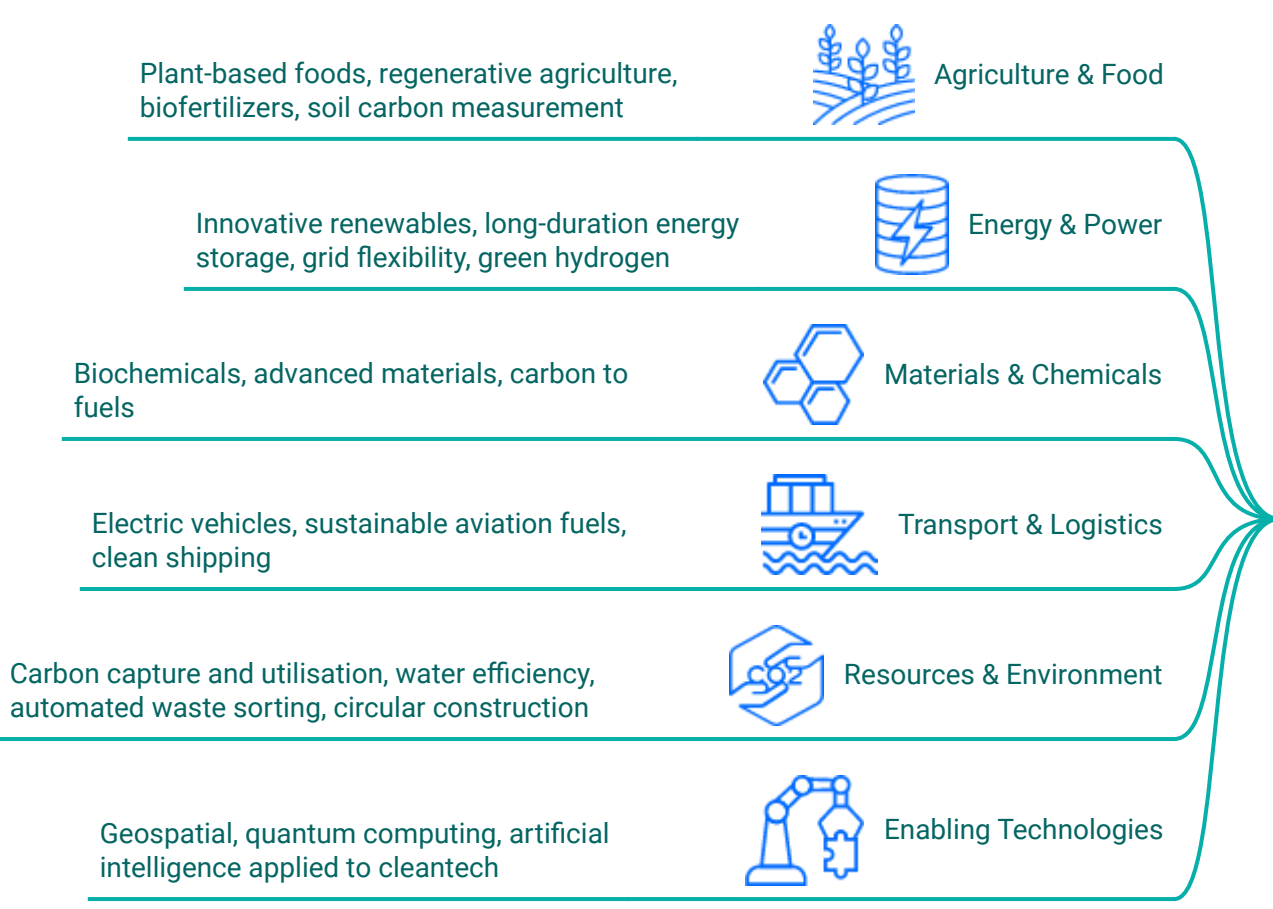
NATURE-BASED SOLUTIONS

Nature-based solutions (NBS) involve utilizing the inherent qualities of natural ecosystems to address environmental challenges and promote sustainability.

Examples of nature-based solutions include:

- Reforestation and afforestation projects to restore degraded forests and sequester carbon dioxide from the atmosphere.
- Green infrastructure initiatives such as constructed wetlands, vegetated swales, and permeable pavements to manage stormwater runoff and reduce urban flooding.
- Coastal restoration efforts like mangrove reforestation and oyster reef restoration to protect shorelines from erosion and storm damage while providing habitat for marine species.
- Sustainable agriculture practices such as agroforestry, cover cropping, and rotational grazing that enhance soil health, biodiversity, and carbon sequestration.
- Urban green spaces and biodiversity corridors that improve air quality, regulate temperatures and provide habitat for wildlife while enhancing community wellbeing.

DEFINITIONS



SECTORS

COMMENTARY 2

While the CEDAC constituent position is clear, the following are unclear in their intention:

There is an inconsistency and ambiguity (unintended, one is sure) in the proposed membership of the Task Force:

Please define: "source material experts" - does that refer to scientific literature, global agency publications, knowledge of public policy (legislative and regulatory affairs), etc?

It would help clarify the expectations set for the Task Force.

Does that mean all members of the three (3) named Committees?

"This would also allow the committee to commence their proceedings in advance of filing the remaining seats from the advisory committees and the public."

If the entire Task Force has not been appointed, named, or selected, and that,

"The original discussion group members from the Community and Economic Development Advisory Committee are recommended to be brought forward as the four CEDAC members for continuity of planning and effective implementation. This would also allow the committee to commence their proceedings in advance of filing the remaining seats from the advisory committees and the public." then

The four members of CEDAC named members have been granted explicit and implicit agenda setting without the benefit of advice and counsel from other Advisory Committee Members in setting a workable and actionable direction/plan for the Task Force

It would be advisable for the entire Task Force to be constituted so that it can act as a whole

Committees do not have authority to direct or task Staff

A broad community call for membership is often preferred, it should, however, be prefaced with a very clear definition of "clean tech" or "clean technology"

It is too easy for the public to interpret "clean tech" from a personal perspective.

See: SOURCE: <https://www.cleantechforeurope.com/explainer/s/what-is-cleantech>

"Direct Staff to solicit community applications and advisory committee appointees for the Mayor's Task Force on Clean Technology, as set out in the membership section of the Terms of Reference."

"The membership is proposed to be comprised of various sources including members from internal advisory committees, council members, as well as community members. Utilizing source material experts including members from the Community and Economic Development Advisory Committee, Agricultural and Rural Affairs Advisory Committee, and the Environmental Advisory Committee will provide strategic and pivotal knowledge to lead the task force in their initiatives."

SOURCE: Terms of Reference for the Mayor's Task Force on Clean Technology - Report No: CS-2024-04

Sections taken from the TOR are highlighted in red.

CLEANTECH refers to new technology and related business models offering competitive returns for investors and customers while providing solutions to global challenges.

The concept of cleantech embraces a diverse range of products, services, and processes across industry verticals that are inherently designed to:

- Provide superior performance at lower costs
- Greatly reduce or eliminate negative ecological impact
- Improve the productive and responsible use of natural resources

Mayor's Task Force on Clean Technology

INTRODUCTION

The establishment of the Mayor's Task Force on Clean Technology has been prioritized by the current Mayor, Municipal Councillors, and the Community and Economic Development Advisory Committee as a means of identifying priority short term and longer-term objectives and implementation strategies aimed at advancing clean technologies and options for residents and businesses in North Grenville as well as attracting clean tech job opportunities and fostering a clean tech industry.

The Committee shall have regard to the shared priorities of the Community Strategic Plan, Committee Handbook, and Procedural By-Law.

as a means of identifying priority short term and longer-term objectives

and implementation strategies aimed at advancing clean technologies and options for residents and businesses in North Grenville as well as attracting clean tech job opportunities and fostering a clean tech industry.

Discrete Problems

MANDATE

The Task Force will examine the current state of clean technologies in the Municipality of North Grenville and make recommendations for strategies and opportunities to expand access to clean technologies for residents and businesses. The recommendations will include actions that may be taken by the Municipality to investigate and/or increase clean technologies, green technologies, create potential clean tech job opportunities, and foster a thriving clean tech industry. Recommendations will take into account the needs of residents and a range of businesses to apply for grant opportunities as well as leverage existing assets to investigate clean technological approaches and practices.

Task Force will:

- examine the current state of clean technologies in the Municipality of North Grenville
- make recommendations for strategies and opportunities to expand access to clean technologies for residents and businesses.
- recommendations will include actions that may be taken by the Municipality to investigate and/or increase clean technologies, green technologies,
- create potential clean tech job opportunities,
- foster a thriving clean tech industry.

Recommendations will take into account the needs of residents and a range of businesses to apply for grant opportunities as well as leverage existing assets to investigate clean technological approaches and practices.

What does this mean?

MEMBERSHIP

The Task Force shall be comprised of the following:

- The Mayor (Chair)
- One Municipal Council Member
- Five to eight community members with a range of knowledge, skills and experience relevant to the work of the task force
- four (4) members from the Community and Economic Development Advisory Committee
- one (1) representative from the Environmental Action Advisory Committee
- one (1) representative from the Agricultural and Rural Affairs Advisory Committee
- and up to two (2) additional community members with knowledge, skills, and experience to assist the task force.

The community membership will be comprised of three (4) members from the Community and Economic Development Advisory Committee, one (1) representative from the Environmental Action Advisory Committee, one (1) representative from the Agricultural and Rural Affairs Advisory Committee, and up to two (2) additional community members with knowledge, skills, and experience to assist the task force.

Calculation (8)

ADMINISTRATIVE

The Task Force will invite additional content experts to attend and present at specific meetings in order to meet its mandate.

The Task Force will receive technical and administrative support from Municipal staff.

Responsibilities of Members:

- Collaborate on agenda items and priority areas of work for the Task Force.
- Regularly attend and actively participate in meetings.
- Prepare for meetings and review and/or contribute to reports, as indicated.

The Municipality of North Grenville is committed to advancing equity, diversity, and inclusion in every aspect of its work, including appointments to advisory committees. An increase in diversity can assist in promoting equal opportunities and memberships with a diversity of lived experiences. A more diverse membership will contribute to the work of each advisory committee. Each advisory committee shall endeavour to have balanced representation from various equity- and inclusion-seeking groups including, but not limited to, people with disabilities, francophones, indigenous people, newcomers, older adults, racialized community members, rural residents, 2SLGBTQIA+, those facing socioeconomic disadvantage, women, minority faith-based and spiritual group members, and youth.

The Task Force will meet at a minimum ten (10) times per year, and twenty (20) times over the course of its mandate, averaging one meeting per month less summer and winter breaks. Additional meetings may be held at the call of the Chair and as indicated to ensure that the work of the Task Force is completed within the established timelines.

Agenda packages will be sent out the week prior to the meetings and published on the Municipality's website. Draft minutes will be distributed by email to each Committee member within one (1) week following the meeting.

Quorum of the Committee shall be a majority of the appointed.

Votes by the Committee will be held at regular or special meetings. Decision making of the group shall be by majority vote.

Timelines

- The Task Force will complete its current mandate and author an interim report and final report.
- The interim report will be completed by January 31, 2025.
- The Task Force will author its final report by March 31, 2026 with a presentation to Council to follow.

The Committee will prepare an annual work plan including any budget requests ahead of the budget cycle. The Economic Development Officer shall bring forward budget requests of the Committee as part of the Municipal budget process.

SCOPE OF WORK

- Identify potential partners and partnership strategies with the private, non-profit and government sectors to assist in developing or implementing clean technological initiatives
- Identify strategies to promote the conversion to clean technologies for residents and businesses in the municipality
- Research and recommend initiatives on Clean Technology for the Municipality
- Identify current and projected needs for clean and green technologies within the Municipality
- Identify existing clean technological initiatives within the Municipality.
- Identify enablers and inhibitors in the current municipal by-laws, policies, and procedures related to increasing clean technological initiatives
- Research effective models and best practices for clean technologies found in other municipalities

Broadly scoped without clear parameters. The very first objective should be: identify and map current technologies by sector in use in North Grenville.

For example: diesel fuel, natural gas, fossil fuels - in agriculture.

COMMENTARY 1

The Mayor's Task Force on Clean Technology could have a very positive impact on the economic development of our community, the health and well-being of the Municipality as a whole, and future generations.

The Task Force should be seen as an opportunity to help the Municipality set a course for the present, and assure a viable and productive future for generations while helping to remediate our collective errors of the past. It is possible to reverse the course and effects of a carbon-based present to a carbon-neutral future.

The creation of the Task Force should be given a very clear mandate and the scope to not only make recommendations but to chart a feasible work plan.