



## The Regional Municipality of Durham

### Durham Environmental Advisory Committee Agenda

Thursday, November 18<sup>th</sup>, 2021

7:00 PM

Council Chambers  
Regional Municipality of Durham Headquarters  
605 Rossland Road East, Whitby

Please note: In an effort to help mitigate the spread of COVID-19, and to generally comply with the directions from the Government of Ontario, **it is requested in the strongest terms that Members participate in the meeting electronically**. Regional Headquarters is closed to the public, all members of the public may view the Committee meeting via live streaming, instead of attending the meeting in person. If you wish to register as a delegate regarding an agenda item, you may register in advance of the meeting by noon on the day prior to the meeting by emailing [delegations@durham.ca](mailto:delegations@durham.ca) and will be provided with the details to delegate electronically.

1. **Roll Call**
2. **Approval of Agenda**
3. **Declarations of Interest**
4. **Adoption of Minutes**
  - A) DEAC meeting of October 21<sup>st</sup>, 2021 ([Attachment 1](#))
5. **Presentations**
  - A) LEAF Backyard Tree Planting Program update, Erin MacDonald, Acting Executive Director
6. **Items for Discussion/Input**
  - A) Appointment of DEAC representative on Durham Community Energy Plan – Implementation Governance Task Force, Ian McVey
  - B) 2022 DEAC Workplan ([Attachment 2](#)) and Terms of Reference ([Attachment 3](#))

If this information is required in accessible format, please contact 1-800-372-1102 ext. 2549

- C) 2022 Meeting Schedule ([Attachment 4](#))
- D) Update from DEAC Webinar Series Subcommittee

**7. For Information**

- A) Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report ([Attachment 5](#))
- B) [2021-INFO-108](#) Durham York Energy Centre Source Test Update
- C) [2021-INFO-111](#) Durham Environmental Advisory Committee (DEAC) Environmental Achievement Awards
- D) [2021-COW-29](#) Durham Region Community Safety and Well-Being (CSWB) Plan – Final Submission
- E) [2021-P-24](#) Decision Meeting Report, re: Application to Amend the Durham Region Official Plan to permit the development of a grain processing facility in the Township of Uxbridge

**8. Other Business (10 minutes)**

- A) Scugog tree by-law update (Geoff Carpentier)

**9. Date of Next Meeting**

Thursday January 20<sup>th</sup>, 2022

Notice regarding collection, use and disclosure of personal information:

Written information (either paper or electronic) that you send to Durham Regional Council or Committees, including home address, phone numbers and email addresses, will become part of the public record. This also includes oral submissions at meetings. If you have any questions about the collection of information, please contact the Regional Clerk/Director of Legislative Services.

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2097.

## **The Regional Municipality of Durham**

### **MINUTES**

#### **DURHAM ENVIRONMENTAL ADVISORY COMMITTEE**

**October 21, 2021**

A regular meeting of the Durham Environmental Advisory Committee was held on Thursday, October 21, 2021 in Council Chambers, Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby at 7:03 PM. In accordance with Provincial legislation, electronic participation was permitted for this meeting.

#### **1. Roll Call**

Present: G. Carpentier, Scugog, Chair  
S. Clearwater, Whitby  
J. Cuthbertson, Clarington, Second Vice-Chair  
C. Doody-Hamilton, Member at Large  
B. Foxton, Uxbridge  
G. Layton, Oshawa  
K. Lui, Member at Large, First Vice-Chair  
D. Nguyen, Youth Member  
S. Panchal, Youth Member  
A. Panday, Post-Secondary Member  
S. Yamada, Regional Councillor, Town of Whitby attended the meeting at 7:10 PM

**\*all members of the committee participated electronically**

Absent: O. Chaudhry, Pickering  
R. Dickinson, Brock  
K. Murray, Member at Large  
B. Shipp, Member at Large  
D. Stathopoulos, Member at Large  
M. Thompson, Ajax

#### **Staff**

Present: S. Glover, Committee Clerk, Corporate Services – Legislative Services  
R. Inacio, Systems Support Specialist, Corporate Services – IT  
A. Luqman, Project Planner, Planning & Economic Development Department

#### **2. Approval of Agenda**

Moved by C. Doody-Hamilton, Seconded by J. Cuthbertson,  
That the agenda for the October 21, 2021 DEAC meeting, as  
presented, be approved.

**CARRIED**

**3. Declarations of Interest**

There were no declarations of interest.

**4. Adoption of Minutes**

Moved by K. Lui, Seconded by C. Doody-Hamilton,  
That the minutes of the regular DEAC meeting held on Thursday,  
September 23, 2021, be adopted.  
CARRIED

**5. Presentations**

A) Sustainability in the City of Pickering, Chantal Whitaker, Sustainability Supervisor and Melanie Edmond, Sustainability Coordinator, City of Pickering

---

Chantal Whitaker, Sustainability Supervisor and Melanie Edmond, Sustainability Coordinator provided a PowerPoint presentation regarding sustainability in the City of Pickering.

Highlights from the presentation included:

- Join us on the Journey to Become One of the Most Sustainable Cities in Canada
- Community and Corporate Initiatives
- Enhancing the Natural Environment
- Helping our Pollinators
- Engaging our Community
- Reducing Waste
- Becoming More Energy Efficient
- Supporting Access to Local Food
- Looking Towards the Future

C. Whitaker responded to questions from the Committee regarding whether the City of Pickering has considered partnering with Ontario Power Generation (OPG) and HydroOne to plant butterfly habitats in the hydro right of ways; where the electric vehicle (EV) charging stations are located in the City of Pickering; whether the City of Pickering has considered including mandates that all new multi-residential developments have protection on shiny surfaces to ensure bird friendly buildings; the timing and width of roadside mowing to better accommodate and protect the wildlife; the costs and details of the dog waste collection program; details of the City of Pickering's EV strategy; details of the Valley Plentiful Community Garden program; and where the funding comes from for the tree planting program.

Discussion ensued regarding the transition to battery powered equipment by Works Department staff in the City of Pickering. It was noted that the

Township of Scugog is considering this transition but is encountering roadblocks with how long batteries last, etc. C. Whitaker advised that Rob Gagnon, Supervisor, Parks and Property at the City of Pickering would welcome conversations with Township of Scugog staff and advised she can share his contact information with A. Luqman.

**6. Items for Discussion/Input**

A) Introduction of New Post-Secondary Student Member

A. Luqman introduced the new post-secondary student member, Anish Panday. She stated that he is a 4<sup>th</sup> year Ryerson University student studying Urban and Regional planning and has a keen interest in sustainable communities.

A. Panday introduced himself and stated he looks forward to being apart of DEAC.

B) Update from DEAC Environmental Awards Subcommittee

A. Luqman advised that during the DEAC awards ceremony there were a number of technical issues and glitches throughout the night but that it went well overall. She advised that the public service announcement (PSA) has been shared through the Region's social media channels and that the link to the event has been posted to the Region's YouTube page.

G. Layton noted that Regional Chair Henry offered to personally deliver all of the DEAC environmental awards to the recipients.

C) Update from DEAC Webinar Series Subcommittee

A. Luqman advised that a total of four webinars were scheduled for the Fall and that three have already occurred. She advised that the remaining webinar will be held November 2, 2021 and will focus on energy conservation around the home with guest speakers from Elexicon and I. McVey, Manager of Sustainability.

C. Doody-Hamilton highlighted that Rochelle Byrne, Executive Director/Founder, A Greener Future, mentioned that there were opportunities for high school students to collect volunteer hours, and suggested that S. Panchal share that information with his environmental club at his high school.

**7. For Information**

A) Commissioner's Report #2021-P-22 – Durham Environmental Advisory Committee (DEAC) Post-Secondary Student Membership Appointment

A copy of Report #2021-P-22 of the Commissioner of Planning & Economic Development was received.

B) New IESO Report: Decarbonization and Ontario's Electricity System:  
Assessing the Impacts of Phasing out Natural Gas Generation by 2030

A copy of the new IESO Report: Decarbonization and Ontario's Electricity System: Assessing the Impacts of Phasing out Natural Gas Generation by 2030 was received.

Detailed discussion ensued regarding the phasing out of natural gas by 2030; the lack of mention in the IESO Report as to when the phase out of the Pickering Nuclear Power Plant would occur; and, what the results of the closure of the Pickering Nuclear Power Plant would have on the electrical grid.

C) Commissioner's Report #2021-INFO-94 – Envision Durham – Growth  
Management Study – Release of Housing Intensification Study Technical  
Report

A copy of Report #2021-INFO-94 of the Commissioner of Planning & Economic Development was received.

D) Commissioner's Report #2021-INFO-96 – Class Environmental Assessment  
for the York Durham Sewage System Twinning of Primary Trunk Sanitary  
Sewer in the City of Pickering

A copy of Report #2021-INFO-96 of the Commissioner of Works was received.

E) Commissioner's Report #2021-INFO-97 – Envision Durham – Growth  
Management Study – Release of Employment Strategy Technical Report

A copy of Report #2021-INFO-97 of the Commissioner of Planning & Economic Development was received.

F) Commissioner's Report #2021-INFO-100 – Envision Durham – Growth  
Management Study – Release of Community Area Urban Land Needs  
Analysis Technical Report

A copy of Report #2021-INFO-100 of the Commissioner of Planning & Economic Development was received.

Detailed discussion ensued regarding the designated greenfield areas (DGA); how designated brownfield areas would factor into the number of developable DGA lands; whether there is a plan for preserving the greenspace areas; and, whether there is overlap between the greenfield and brownfield areas.

A. Luqman advised that Report #2021-INFO-100 is a technical report in support of the land needs assessment as part of the Envision Durham

Municipal Comprehensive Review, and that the density targets are noted in Provincial legislation. She suggested that any comments that Committee members have be submitted to [envisiondurham@durham.ca](mailto:envisiondurham@durham.ca).

In response to a question from Committee regarding if there is a map that would show whether there is overlap between the designated greenfield areas and the brownfield areas, A. Luqman advised that she would email the Committee members a link to the Region's Official Plan.

G) Harwood Avenue Improvements Study – Feedback by October 29, 2021

A copy of the Harwood Avenue Improvements Study was received.

H) Town of Whitby ISeeChange – Climate Adaptation Plan Community Input Platform

A copy of the Town of Whitby's ISeeChange – Climate Adaptation Plan Community Input Platform was received.

Moved by S. Clearwater, Seconded by J. Cuthbertson,  
That Information Items 7 A) to 7 H) inclusive, be received for  
information.

CARRIED

**8. Other Business**

A) Proposed Scugog Tree By-Law

G. Carpentier advised that the Scugog Environmental Advisory Committee (SEAC) has asked the Township of Scugog to develop a Township of Scugog Tree By-Law that would encompass areas not covered under the Regional Tree By-Law. He stated that the current challenge is separating the rural needs from the municipal needs. He further stated that the by-law has not been presented to Council yet, and that a councillor does sit on the SEAC.

B) Durham Food Policy Council De-Brief

G. Carpentier advised that he recently attended a Durham Food Policy Council focus group session. He advised that the Durham Food Policy Council has a number of research and public participation opportunities, including the Food System Environmental Scan and the Food System Report Card. A. Luqman advised that she would send out the details of the participation opportunities to the Committee after the meeting.

**9. Next Meeting**

The next regular meeting of the Durham Environmental Advisory Committee will be held on Thursday, November 18, 2021 starting at 7:00 PM in the Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby.

**10. Adjournment**

Moved by C. Doody-Hamilton, Seconded by B. Foxton,  
That the meeting be adjourned.

CARRIED

The meeting adjourned at 8:20 PM

---

G. Carpentier, Chair, Durham  
Environmental Advisory Committee

---

S. Glover, Committee Clerk





**DURHAM ENVIRONMENTAL ADVISORY COMMITTEE (DEAC)  
PROPOSED 2021 WORKPLAN**



Item	Progress
<b>1.0 Policy Development and Implementation</b>	
Provide advice on	
<ul style="list-style-type: none"> <li>Regional Official Plan – input and advice on proposed amendments</li> </ul>	
<ul style="list-style-type: none"> <li>Municipal Comprehensive Review (Envision Durham) process</li> </ul>	
<ul style="list-style-type: none"> <li>Projects subject to a Minister's Zoning Order (MZO)</li> </ul>	
<ul style="list-style-type: none"> <li>Durham Community Energy Plan implementation</li> </ul>	
<ul style="list-style-type: none"> <li>Provincial and Regional Climate Change guidance materials</li> </ul>	
<ul style="list-style-type: none"> <li>Environmental Assessment (EA) Studies</li> </ul>	
<ul style="list-style-type: none"> <li>Public and/or Stakeholder Advisory Committees</li> </ul>	
<ul style="list-style-type: none"> <li>Environmental Bill of Rights postings</li> </ul>	
<b>2.0 Community Outreach and Stewardship</b>	
High Priority	
<ul style="list-style-type: none"> <li>Promote and continue to implement the Environmental Achievement Awards.</li> </ul>	
<ul style="list-style-type: none"> <li>Participate in community environmental and stewardship events.</li> </ul>	
<ul style="list-style-type: none"> <li>Continue developing a residents' guide to climate resilience.</li> </ul>	
<ul style="list-style-type: none"> <li></li> </ul>	
Medium Priority	
<ul style="list-style-type: none"> <li>Continue to foster a working relationship with the Durham Agricultural Advisory Committee, and Durham Active Transportation Committee.</li> </ul>	
<ul style="list-style-type: none"> <li>Participate in Climate Change outreach activities/events hosted by DEAC, and/or the Durham Region Roundtable on Climate Change.</li> </ul>	
<ul style="list-style-type: none"> <li>Update the Region of Durham Natural Features Map.</li> </ul>	
<b>3.0 Committee Education &amp; Development</b>	
The Committee will expand its knowledge in some of the following issues:	
<ul style="list-style-type: none"> <li>Energy (e.g. sources, alternatives, producers, efficiency, etc.)</li> </ul>	
<ul style="list-style-type: none"> <li>Recreational uses in the natural environment</li> </ul>	
<ul style="list-style-type: none"> <li>Provincial Planning documents</li> </ul>	
<ul style="list-style-type: none"> <li>Water quality (e.g. Duffin Creek water treatment plant)</li> </ul>	
<ul style="list-style-type: none"> <li>Human health and the environment</li> </ul>	
<ul style="list-style-type: none"> <li>Green infrastructure and low impact development</li> </ul>	
<ul style="list-style-type: none"> <li>Road salt</li> </ul>	

• Species at risk	
• Waste reduction and management progress	
• Lifecycle assessment of products and packaging (e.g. plastics)	
• Microplastics	
• Forest, grassland, and wetland health	
• Active transportation	
• Climate change	
• Pesticides and alternatives	
• Invasive species	
• Native species	
• Biodiversity	
• Urban sustainability	
• Air quality	
• Food security	
• Community gardens	
• Aggregate pit rehabilitation	
• Peat moss and top soil removal and restoration	
• Biological and physical decomposition (e.g. incineration, gasification, carbonization, anaerobic digestion, waste, etc.)	
• Noise and light pollution	
• Citizen science	
• Ground and surface water preservation and protection	
<b>4.0 Issues of Interest</b>	
The committee will continue to monitor the following issues as prioritized by current events:	
• Conservation Authority initiatives and activities, such as Carruthers Creek Watershed Plan Update and McLaughlin Bay Restoration Strategy.	
• Provincial planning initiatives.	
• Oak Ridges Moraine.	
• Regional Official Plan Amendment applications.	
• Water – groundwater, surface water, watersheds.	
• Transportation developments.	
• Waterfront protection and development.	
• Nuclear Energy Management	
• Future airport lands.	
• Rouge National Urban Park.	
• Urban forest/naturalization strategies.	
• Trails.	
• Energy from Waste Facility.	

## **Meeting Schedule**

Due to the Committee's workload, DEAC will schedule 9 meetings for 2021. In general, meetings will take place on the third Thursday of each month. Resources (Planning Division and Legislative Services) will be required to accommodate the schedule and workload.

The 2021 meeting schedule is as follows:

- January 21, 2021
- February 18, 2021
- March 11, 2021
- April 15, 2021
- May 20, 2021
- June 17, 2021
- September 16, 2021
- October 21, 2021
- November 18, 2021



## **Durham Environmental Advisory Committee (DEAC)**

### **Terms of Reference**

Revised February 2021

---

#### **1. Goal**

- 1.1 To provide advice to the Region of Durham on environmental impacts of planning matters, as expressed in the Durham Regional Official Plan.

#### **2. Mandate**

- 2.1 The Durham Environmental Advisory Committee (DEAC) is a volunteer Advisory Committee established by Regional Council in accordance with these Terms of Reference. Committee members are guided by these Terms of Reference.
- 2.2 The Terms of Reference provide for a balance between activities referred from the Planning and Economic Development Department or the Planning and Economic Development Committee and a provision for DEAC to be proactive and advise on matters identified on its own initiative.
- 2.3 Environmental matters may be referred to the DEAC from the Regional Planning and Economic Development Department or the Planning and Economic Development Committee. DEAC shall report directly to the Regional Planning and Economic Development Committee and/or Regional Planning and Economic Development Department, as appropriate.

#### **3. Scope of Activities**

- 3.1 The scope of the DEAC may include activities such as:
  - a) providing advice on environmental policy directions pursued by the Region. This may include providing advice on official plan amendments related to environmental policies or providing advice on Regional environmental policies through an Official Plan review process;
  - b) providing advice in the identification and implementation of new or existing programs, approaches or policies relating to the protection, sustainability and enhancement of natural resources and systems within the Region in co-operation with other organizations where appropriate. This may include investigating conservation easements, land trusts, tree planting, environmental stewardship, new provincial directions and funding grants;

- c) providing advice in identifying and implementing community outreach activities which support the growth of environmental awareness and appreciation in Durham Region in co-operation with other organizations where appropriate. This may include recommending and assisting with educational workshops or homeowner guides which can be used by the public in areas such as tree cutting, fertilizer use, erosion control and general enhancement of the environment;
- d) providing advice on Regional environmental data in co-operation with other organizations where appropriate;
- e) providing advice on the state of environmental resources such as water resources and natural heritage features such as wetlands, forests, and wildlife within Durham Region in co-operation with other organizations where appropriate;
- f) appointing a member of DEAC to participate on steering committees for environmental impact studies related to Regional Official Plan Amendment applications. In accordance with the Region's approved EIS Guideline, a DEAC representative would participate in Regionally co-ordinated EIS's and peer reviews; and
- g) at the request of the Planning and Economic Development Committee or the Regional Planning and Economic Development Department, provide advice on miscellaneous matters as they arise.

#### **4. Composition**

- 4.1 The DEAC will be comprised of seventeen members in total. Thirteen of which will be citizen members, one of which will be a Post-Secondary Student member, two of which will be youth members, plus one member of the Planning and Economic Development Committee. The thirteen citizen members, one Post-Secondary Student member and two youth members shall not hold elected office (municipal, provincial or federal). All members are regarded as private citizens and do not represent their respective employers or advocacy group in their capacity as a DEAC member.
- 4.2 Membership for citizen members shall correspond with the term of Regional Council. At the end of each term, citizen members will be asked to consider their interest in remaining for an additional term. If a member chooses to resign, the Region will seek a replacement in accordance with Section 5. However, citizen members shall continue to serve until their replacements are appointed by Regional Council. At the discretion of the DEAC, non-attendance of three consecutive meetings will be sufficient grounds for replacement.
- 4.3 Membership for Post-Secondary Student members shall be up to a 4-year term, generally corresponding with the length of their college or university program.

- 4.4 Membership for youth members shall be up to a 3-year term, generally corresponding with the school year.
- 4.5 DEAC will strive to maintain a high level of relevant technical expertise and competence in environmental issues within its membership.

## **5. Membership Selection**

- 5.1 For the selection of citizen members, the Regional Planning and Economic Development Department may place a newspaper advertisement within each area municipality requesting expressions of interest from individuals willing to volunteer for appointment to the DEAC. Interested individuals will be required to provide a brief resume and statement of interest. Responses from qualified candidates will be forwarded to the respective area municipality with a request that the local Council nominate one representative. Regional Planning and Economic Development staff, from the remaining resumes received, will nominate a sufficient number of members at large in order to bring the citizen membership to thirteen. All members of the DEAC will be appointed by the Planning and Economic Development Committee.
- 5.2 Regional Council shall appoint a representative and an alternate to DEAC from the members of the Planning and Economic Development Committee.
- 5.3 In nominating citizen members to the DEAC, regard shall be given to the aim of achieving a combination of technical experts and community representatives with knowledge of environmental and land use planning matters. Regard shall also be given to residency within the Region and availability to attend meetings. An elaboration of the selection criteria is provided in Appendix 1, Section A, of the Terms of Reference. The nomination of members at large will help to achieve the desire of a diverse and balanced DEAC. All residents of Durham Region are eligible for membership.
- 5.4 In the case of a citizen member vacancy, the approach described in Sections 5.1 and 5.2 will generally be followed.
- 5.5 For the selection of Post-Secondary Student members, the Regional Planning and Economic Development Department shall contact the College/Universities in the Region of Durham, and request that students be notified about the opportunity to volunteer with DEAC. Advertisements may be placed in the school newspapers/websites. Students willing to volunteer for DEAC shall submit a letter of interest, outlining their knowledge about the environment. Regional Planning and Economic Development staff will nominate one Post-Secondary Student member from the responses received. Post-Secondary Student members will be appointed by the Planning and Economic Development Committee and Council.

- 5.6 In selecting Post-Secondary Student members, members must be enrolled full-time in a College or University program and express an interest in environmental matters. Consideration shall be given to the individual's interests, level of participation and knowledge of environmental issues in Durham Region and the planning process. The relevance of their interests to the mandate of DEAC will be an important consideration. Regard shall also be given to residency within Durham Region for the school year and availability to attend meetings. An elaboration of the selection criteria is provided in Appendix 1, Section B of the Terms of Reference.
- 5.7 In the case of a Post-Secondary Student member vacancy, the approach described in Section 5.5 and 5.6 will generally be followed.
- 5.8 For the selection of youth members, the Regional Planning and Economic Development Department shall contact the secondary schools in the Region of Durham, and request that students be notified about the opportunity to volunteer with DEAC. Students willing to volunteer for DEAC shall submit a letter of interest, outlining their knowledge about the environment. Regional Planning and Economic Development staff will nominate two youth members from the responses received. Youth members will be appointed by the Planning and Economic Development Committee and Council.
- 5.9 In selecting youth members, consideration shall be given to ensure representation from both the urban and rural communities. An elaboration of the selection criteria is provided in Appendix 1, Section C of the Terms of Reference.
- 5.10 In the case of a youth member vacancy, the approach described in Section 5.8 and 5.9 will generally be followed.
- 6. Officers**
- 6.1 A chair and two vice-chairs (first and second) will be elected annually by the membership of the DEAC. The Planning and Economic Development Committee representative will chair the inaugural DEAC meeting.
- 6.2 Post-Secondary Student members and youth members are not eligible to sit as chair or vice-chair.
- 7. Support Services**
- 7.1 The Commissioner of Planning and Economic Development or designate shall serve as staff liaison to the DEAC. The liaison will provide administrative, procedural and technical support to the DEAC.
- 7.2 The liaison will co-ordinate all requests for advice from the DEAC, through meeting agendas and addenda to meeting agendas. DEAC responses to such

requests shall be co-ordinated by the liaison to the Planning and Economic Development Department or the Planning and Economic Development Committee.

- 7.3 The Region will provide secretarial and other support services. Regional Council will provide a budget to cover the operational expenses of the DEAC, and this budget will be administered by the Planning and Economic Development Committee.

## **8. Meetings**

- 8.1 Regularly scheduled meetings of DEAC will be held at the Durham Regional Headquarters. The DEAC, will establish a meeting schedule taking into account the business needs and the schedule of Council and the Planning and Economic Development Committee. The Planning and Economic Development Committee will be provided with a schedule of DEAC meetings each December for the following year. Special meetings may be held at the call of the Chair. The Planning and Economic Development Committee is to be kept informed of such meetings.
- 8.2 Unless otherwise determined, all meetings will be open to the public. As a formal advisory Committee to the Region, the DEAC is subject to the Regional Procedural By-law, unless otherwise specified in the Terms of Reference.
- 8.3 A quorum for a DEAC meeting shall consist of a majority of the sitting DEAC members.

## **9. Delegations of Committee Meetings**

- 9.1 Any person(s) wishing to appear before the DEAC as a delegate must submit a request to [delegations@durham.ca](mailto:delegations@durham.ca), advising of the topic or item to which they wish to speak, which will then be forwarded to the staff liaison in the Regional Planning and Economic Development Department. All requests for delegations must be received at least one week prior to the meeting to ensure that the delegation is included on the agenda. Any person wishing to address the DEAC as a delegate, who has not previously arranged to do so, may be granted permission to do so only by Committee resolution.

## **10. Minutes and Agenda**

- 10.1 The minutes of each DEAC meeting will be approved at the following meeting. The unapproved minutes will be circulated to members of Council as part of the Council Information Package (CIP) by the Clerk. The DEAC agendas will be prepared by the staff liaison and the DEAC chair or vice-chair with input from other DEAC members. As the first item of business at every meeting, the Committee shall approve its agenda.



**11. Committee Resolutions**

- 11.1 The DEAC will seek to achieve consensus on decisions. Recommendations are “carried” if supported by a majority. Only resolutions as they appear in the adopted Minutes may be considered as officially representing the position of the DEAC.

**12. Annual Reports and Workplan**

- 12.1 An annual report summarizing the activities completed in the previous year shall be prepared by the DEAC. The annual report shall be forwarded to the Planning and Economic Development Committee.
- 12.2 An annual workplan with an estimate of the resources necessary and any suggested revisions to the Terms of Reference for the coming year shall also be prepared by the DEAC for consideration and approval by the Planning and Economic Development Committee and Council. To avoid duplication, the DEAC shall ensure that the workplan is co-ordinated with other environmental initiatives in the Region.
- 12.3 An annual review of the DEAC by the Planning and Economic Development Committee will be completed to examine the effectiveness of the Committee and to ensure continued improvements.

## **Appendix 1**

### **A. Citizen Membership Eligibility Criteria**

To facilitate the nomination and appointment of new citizen members to the DEAC, the following criteria will be considered. The aim is to achieve a diverse committee with a combination of technical experts and community representatives.

1. Residency

Members should reside in Durham Region.

2. Technical Expertise

A high level of technical expertise is required within the Committee. Applicants with academic qualifications and/or work experience in environmentally-related disciplines will be an important consideration.

3. Community Representatives

Consideration shall be given to the individual's level of participation and knowledge of environmental issues and the planning process. The relevance of their interests to the mandate of DEAC will be an important consideration.

4. Availability

It is important that an applicant be able to attend as many DEAC meetings as possible and undertake work outside of the regular monthly meetings. An applicant should be able to be contacted or reached during the day in order for meetings to be arranged.

### **B. Post-Secondary Student Membership Eligibility Criteria**

To facilitate the nomination and appointment of new Post-Secondary Student members to the DEAC, the following criteria will be considered.

1. Residency

Members should reside in Durham Region for the school year.

2. Education

Members must be accepted into, or enrolled in a full-time College or University program and express an interest in environmental matters.

Consideration shall be given to the individual's interests, level of participation and knowledge of environmental issues in Durham Region and the planning process.

The relevance of their interests to the mandate of DEAC will be an important consideration.

3. Availability

It is important that an applicant be able to attend as many DEAC meetings as possible and undertake work outside of the regular monthly meetings. An applicant should be able to be contacted or reached during the day in order for meetings to be arranged.

**C. Youth Membership Eligibility Criteria**

To facilitate the nomination and appointment of new youth members to the DEAC, the following criteria will be considered.

1. Residency

Youth members should reside in Durham Region.

2. Education

Youth members must be enrolled in Grade 10, 11, or 12 and express an interest in environmental matters.

3. Availability

It is important that an applicant be able to attend as many DEAC meetings as possible. An applicant should be able to be contacted or reached during the day in order for meetings to be arranged.

4. Letter of Reference/Support

Applicants for youth membership must include a letter of reference from their school and a letter of parental/guardian support with their expression of interest.

# DEAC Meeting Schedule 2022

January							February							March						
s	m	t	w	t	f	s	s	m	t	w	t	f	s	s	m	t	w	t	f	s
						1			1	2	3	4	5			1	2	3	4	5
2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28						27	28	29	30	31		
30	31																			
April							May							June						
s	m	t	w	t	f	s	s	m	t	w	t	f	s	s	m	t	w	t	f	s
					1	2	1	2	3	4	5	6	7				1	2	3	4
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30		
July							August							September						
s	m	t	w	t	f	s	s	m	t	w	t	f	s	s	m	t	w	t	f	s
					1	2		1	2	3	4	5	6					1	2	3
3	4	5	6	7	8	9	7	8	9	10	11	12	13	4	5	6	7	8	9	10
10	11	12	13	14	15	16	14	15	16	17	18	19	20	11	12	13	14	15	16	17
17	18	19	20	21	22	23	21	22	23	24	25	26		18	19	20	21	22	23	24
24	25	26	27	28	29	30	28	29	30	31				25	26	27	28	29	30	
31																				
October							November							December						
s	m	t	w	t	f	s	s	m	t	w	t	f	s	s	m	t	w	t	f	s
						1			1	2	3	4	5					1	2	3
2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10
9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17
16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24
23	24	25	26	27	28	29	27	28	29	30				25	26	27	28	29	30	31
30	31																			

<b>DEAC</b>	
<b>Planning &amp; Economic Development</b>	
<b>Council</b>	



Developing  
Durham Region's  
Nuclear Sector Strategy:  
**Engagement Summary Report**

Strategic Initiatives  
Office of the Regional Chair and CAO

# Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

## About the process:

### What?

This report summarizes the findings of a 4-month engagement process that was hosted in the latter half of 2021 to obtain input on objectives and potential priorities to help shape Durham Region's first Nuclear Sector Strategy.

### Why?

Durham Region is developing a Nuclear Sector Strategy to grow understanding of the nuclear sector in the Region; attract innovation and strengthen the local economy; protect and sustain our community; and establish Durham Region as an influential municipal leader in the nuclear sector. The intent of this engagement process was to hear diverse voices and perspectives on Durham Region's nuclear future.

### When?

The engagement process took place between June 23 and October 20, 2021.

### Where?

All engagement was conducted virtually via Durham Region's [online community engagement platform](#), MS Teams and online surveys.

### Who?

Durham Region reached out to a wide variety of partners, rights holders, and stakeholders including Indigenous communities, business organizations, post-secondary institutions, conservation authorities, nuclear sector organizations, Durham Region residents, local area municipalities, and provincial and federal ministries and agencies, amongst others (see [Appendix A](#)).

### How?

Two streams of engagement were undertaken as part of our process – (1) community engagement and (2) partner, rights holder, and stakeholder engagement – both approaches are described below:

#### 1) Community Engagement

To reach the community, draft objectives were posted on Durham Region's online engagement platform and interested registered users could participate in polls from July to the end of September 2021. An email invitation was also sent to diverse local community groups and Regional advisory committees (Durham Environmental Advisory Committee, Durham Nuclear Health Committee and the Durham Region Roundtable on Climate Change) in July to encourage their participation on the platform.

#### 2) Partner, Rights Holder, and Stakeholder Engagement

An email invitation was sent in June 2021 to a targeted list (44 in total) of partners, rights holders, and stakeholders to complete a short survey of nine questions (see [Appendix B](#)). The questions asked for their thoughts on the draft objectives and

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

potential actions, asking what the Region might do – more of, better, in addition to – the actions we already undertake.

At the end of the summer and early fall 2021, small, focused sessions (7 in total) were held virtually via MS Teams with partners, rights holders and stakeholders that indicated an interest in further dialogue.

### Engagement Snapshot:

Our consultation aimed to gather feedback on four draft strategy objectives and gain insight into how the Region might establish itself as an active, engaged leader in the nuclear sector with the capacity to influence decisions that affect the well-being, economic development, and sustainability of our community.

### Community Engagement

- 202 site visitors to the online community engagement platform
- 32 participants answered the poll questions
- >75 per cent of respondents were over the age of 50
- Most respondents indicated that the four proposed strategy objectives are either “very” or “extremely” important

### Partner, Rights Holder, and Stakeholder Engagement Survey

- 33 responses were received from a wide cross-section of partners, rights holders, and stakeholders
- 88 per cent of respondents reported having a moderate or high level of awareness of nuclear activities/issues in Durham Region
- >90 per cent supported the four proposed strategy objectives. Some respondents submitted comments about how the objectives could be improved, but no one indicated that they did not support them
- Some specific survey comments include:
  - “Communicate the key role that nuclear needs to play to support a net-zero carbon future.”
  - “Education of the populace is the key as most people are afraid of nuclear because they don't understand [it].”
  - “...Durham is uniquely positioned to be a centre of excellence across a continuum of nuclear engagement and to capitalize on investment attraction.”
  - “[Make] better use of the 50+ year history.”
  - “...Work with other communities to promote Ontario and Canada's overall nuclear capabilities...”
- 7 small group follow-up sessions were held virtually with participants (24 in total) for deeper dive discussions

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

### What We Heard:

Both streams of engagement were very supportive of Durham Region developing a nuclear sector strategy and of the four proposed objectives. The most often-heard themes and ideas are presented below and are organized by the proposed strategy objective and corresponding proposed actions. We have also included a section based on what we have learned through our engagement with First Nations communities.

Objective 1: Grow understanding of the nuclear sector among Regional Council, staff, and the community.

#### Proposed Actions:

- A. Establish a staff working group that will grow understanding of the nuclear sector by educating municipal staff on nuclear topics and projects, sharing knowledge across departments, and ensuring institutional knowledge transfer.
- B. Participate in nuclear regulatory processes and policy development across all levels of government.
- C. Engage frequently with Regional Council on topics related to the nuclear sector.
- D. Develop and implement a community education program to increase knowledge and promote participation in government and regulatory processes.

- Assess the current knowledge base of Durham elected officials (i.e., local municipal councils and Regional Council) about the nuclear sector to better understand the level of expertise and interest that exists and develop a comprehensive plan to increase both.
- Continue to educate municipal staff in Durham Region on nuclear topics and projects, sharing knowledge across departments and ensuring institutional knowledge transfer. This should include reaching out to municipal staff at the area municipal host communities (i.e., Pickering and Clarington) who have deep insight, expertise, and relationships within the community and nuclear sector built over decades of work.
- Support more youth engagement on nuclear issues through outreach to local school boards and by leveraging the [CityStudio Durham](#) framework within post-secondary institutions. Students are our future leaders and workforce that will continue the fight against climate change.
- Present technical information in an accessible way that promotes participation in government and regulatory processes.

---

“The reality is that Ontario's electricity system, specifically around nuclear, is complicated and it's not well understood.”

---



## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

- Address gaps in community knowledge about nuclear energy in Durham Region with clear, credible, and balanced information (impacts and opportunities).
- It is important that the Region retain its role as an honest broker of “balanced, evidence-based information” that puts community interests first.
- Community-based education and outreach should use formal and informal approaches.

---

“I’m a firm believer that we all go and sit at dining room tables with other people, and if we have some level of excitement and pride that we can share, we don’t have to have all the knowledge, but at least we can foster a little bit of pride and excitement that maybe we can get a really robust conversation going.”

---

- Durham Region should continue to participate in nuclear regulatory processes and policy development across all levels of government to stay abreast of impacts to the Durham community and influence decision-making.
- Durham Region, Ontario Power Generation (OPG), nuclear supply chain companies, and local post-secondary institutions all have a role to play in better educating the community – especially around concerns/fears related to health risk and radiation exposure; used nuclear fuel storage and disposal; potential for leaks/accidents; retirement of the Pickering Nuclear Generating Station (PNGS); and dispelling common myths/misconceptions.
- There may be opportunities for collaboration on messaging “to be clear and aligned” and “build trust” and confidence in the nuclear sector.

Objective 2: Build prosperity by maximizing the benefits of being a nuclear host community and Canada’s premier centre of nuclear industry and innovation.

### **Proposed Actions:**

- A. Participate in Natural Resources Canada’s (NRCan) Small Modular Reactor (SMR) Action Plan to work with other levels of government, the nuclear industry, post-secondary partners, and other communities to help energize Canada’s clean energy, low-carbon economy.
- B. Work to strengthen the Region’s partnership with Ontario Power Generation (OPG), academia and other nuclear sector stakeholders.
- C. Partner with the Centre for Canadian Nuclear Sustainability (CCNS) to realize investment in and development of nuclear decommissioning research and supply chain in the Region.
- D. Work to develop a strong, networked nuclear research sector and supply chain as part of the clean energy innovation ecosystem in Durham.
- E. Support the development of OPG’s new headquarters in Clarington.

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

- Generate enthusiasm in our community about the benefits/value/innovation of the nuclear sector to Durham Region, Ontario and Canada and foster pride in achievements (e.g., working towards a low-carbon economy; life-saving medical treatments using radioisotopes which are a by-product of nuclear energy; job creation; research) – amplify these messages with the nuclear industry and local post-secondary institutions.
- Seize the opportunity to showcase globally the decommissioning of the Pickering Nuclear Generating Station (PNGS) as a model of best practice and the development of new and innovative technology through CCNS.
- Seek opportunities for growing the nuclear supply chain and nuclear research and innovation sector in Durham Region – create an economic vision focused on clean energy, a low-carbon economy, and developing life-saving medical isotopes.
- Advocate that SMR technology development be rooted in Durham Region as Darlington New Nuclear Project (DNNP) will be the first site for an on-grid prototype.

Objective 3: Protect and sustain the community by addressing impacts and opportunities of being a nuclear host community.

### **Proposed Actions:**

- A. Advocate for formal funding agreements for municipal activities required by nuclear host communities (emergency management, potassium iodide programs, participant funding in public hearings).
  - B. Undertake financial, economic, and social impact study on the retirement of the PNGS and, in partnership with OPG, implement programs to maximize opportunities related to the project.
  - C. Maintain awareness of federal nuclear waste plans and minimize impacts to the Durham community.
  - D. Assess the effectiveness of the Region's existing advisory committees in advising Council of issues and opportunities related to the nuclear sector (e.g., Durham Nuclear Health Committee, Durham Region Roundtable on Climate Change) and Regional engagement in other advisory committees.
- Advocate for formal funding agreements for municipal activities required by nuclear host communities (e.g., emergency management, potassium iodide programs, participant funding in public hearings, compensation for nuclear waste storage/disposal) using a “strong unified voice from municipalities” that ensures “an ability to impact decisions at the table”. This can be done collaboratively via Canadian Association for Nuclear Host Communities (CANHC) for consistency and to avoid competition between nuclear host communities.

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

- Decommissioning at PNGS has an impact on property tax assessment for the City of Pickering and the Region of Durham and whatever approach or agreement is made here potentially has implications for all other Canadian host communities.
- The findings of the financial, economic, and social impact study on the retirement of the PNGS should be shared with federal (NRCan) and provincial (Ministry of Economic Development, Job Creation and Trade) staff.

Objective 4: Lead and develop partnerships within the nuclear sector to build leadership capacity and influence decision-making.

### **Proposed Actions:**

- A. Establish regular meetings with key stakeholders to increase communication and identify partnership opportunities (e.g., OPG, Nuclear Waste Management Organization (NWMO), NRCan, etc.).
  - B. Participate in provincial and federal policy reviews related to the nuclear sector (e.g., KI Working Group).
  - C. Strengthen cooperation and alignment with local area municipalities related to the nuclear sector.
  - D. Work with other nuclear host communities to build capacity and strengthen the role of the Canadian Association of Nuclear Host Communities (CANHC).
- It is important that local municipalities in Durham that are not “home” to a nuclear facility understand the interconnectedness of businesses in their respective jurisdictions that support the nuclear industry (directly/indirectly) to strengthen cooperation and alignment amongst local area municipalities.

---

“I think people don't understand the impact of the high paying jobs, not only at OPG but the entire supply chain and the number of companies that are connected to that supply chain in the Region and in southern Ontario and that we [all] benefit from that.”

---

- Bring together elected representatives from the federal and provincial government (MPs and MPPs) and local elected officials from Durham Region to better understand the role of the nuclear sector (opportunities and challenges) in the Region and champion shared goals/vision/interests (e.g., net zero carbon future, high quality, well-paying jobs, research, investment attraction). Building intergovernmental relationships is critical so that we are not working at cross-purposes.

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

- Convene Regional-scale and sector-wide opportunities for sharing information and identifying potential partnership opportunities among the many organizations in the sector (e.g., Atomic Energy of Canada Limited (AECL), Canadian Nuclear Safety Commission (CNSC), Canadian Nuclear Laboratories (CNL), OPG, Organization of Canadian Nuclear Industries (OCNI), CCNS, CANHC, NWMO etc.). Leverage and strengthen existing forums where they exist and address gaps where regular dialogue does not occur on nuclear matters (e.g., post-secondary, conservation authorities and Indigenous communities).
- Share Durham Region's experience as a nuclear host community with current and future potential nuclear host communities to expand understanding of best practices, impacts, and opportunities. This can be done formally (e.g., through CANHC, conferences etc.,) and informally ("anecdotal sharing between municipalities can be very impactful").

### Understanding and Respecting Indigenous Perspectives, Rights and Treaties:

The Region is committed to engaging with Indigenous people on nuclear matters and strengthening the relationship by building trust, reciprocity, and respect. Through our engagement with Indigenous communities, we understand:

- The ongoing impact of colonization, including policies, practices and discriminatory laws that have devalued Indigenous communities and created longstanding negative impacts on Indigenous peoples. The development of settler communities and industries, including nuclear power generation, was part of this process. There are significant treaty rights related to nuclear projects.
- Both Mississaugas of Scugog Island First Nation and Curve Lake First Nation have expressed strong interests in the evolution of nuclear projects in Durham Region from both economic and environmental perspectives and a desire to be engaged as partners on these issues.
- Co-creating the language incorporated into Durham Region's Nuclear Sector Strategy document should go beyond land acknowledgement and take a step forward towards building opportunities for true collaboration.

### What's Next?

#### How will this report be used?

We listened intently to the feedback we received from the community, stakeholders, rights holders and our partners and it will be integrated into Durham Region's Nuclear Strategy, especially in the objectives, actions, and outcomes.

#### Acknowledgements

We gratefully recognize the time and expertise shared by participants during the engagement process. Your insights and advice are vital to the development of Durham

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

Region's Nuclear Sector Strategy and have helped us identify where investment of time and resources by the Region can make a difference.

### Comments

Questions and comments about this report may be directed to [nuclearstrategy@durham.ca](mailto:nuclearstrategy@durham.ca).

# Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

## Appendix A: Who Was Invited to Participate?

### Community Engagement

To reach the community, the draft objectives were posted on Durham's community engagement platform and polled interested registered users from July to the end of September 2021. A newsletter email was sent to all registered users of the engagement platform notifying them of the new engagement opportunity (approximately 900 users). Additionally, an email invitation was also sent to the following groups to request that they share the information within their circles and invite their participation on the platform.

- Congress of Black Women (Oshawa/Whitby Chapter)
- Durham Regional Councillors
- Durham Environmental Advisory Committee
- Durham Nuclear Health Committee
- Durham Region Roundtable on Climate Change
- Durham Black Educators' Network
- Durham Chinese Culture Centre
- Durham Tamil Association
- DurhamOne
- Indo-Canadian Cultural Association of Durham

### Targeted Survey

An email invitation and follow-up reminder email were sent to the following partners, rights holders, and stakeholders to complete an online survey.

### Business Community (Chambers of Commerce/Boards of Trade), Labour and Nuclear Sector/Industry Associations:

- Ajax-Pickering Board of Trade
- Atomic Energy of Canada Limited
- Canadian Association of Nuclear Host Communities
- Canadian Black Chamber of Commerce (Durham Region)
- Canadian Nuclear Association
- Canadian Nuclear Laboratories
- Canadian Nuclear Society
- Canadian Nuclear Workers Council
- Clarington Board of Trade & Office of Economic Development
- Greater Oshawa Chamber of Commerce
- North American Young Generation in Nuclear (Durham Region Chapter)
- Nuclear Innovation Institute
- Nuclear Waste Management Organization
- Ontario Power Generation
- Organization of Canadian Nuclear Industries
- Whitby Chamber of Commerce
- Women in Nuclear Canada

### Conservation Authorities and Non-Governmental Organizations:

- Central Lake Conservation Authority
- Ganaraska Region Conservation Authority
- Toronto and Region Conservation Authority
- Durham Nuclear Awareness

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

### Indigenous Communities and Organizations:

- Bawaajigewin Aboriginal Community Circle
- Canadian Council for Aboriginal Business
- Métis Nation of Ontario
- Mississaugas of Scugog Island First Nation

### Regional Councillors, Local Area Municipalities and Association of Municipalities of Ontario (AMO):

- All Regional Councillors, local municipal area Mayors and CAOs (Ajax, Brock, Clarington, Oshawa, Pickering, Scugog, Uxbridge, Whitby), and the Association of Municipalities of Ontario (AMO).

### Ontario Ministries, Federal Departments and Related Agencies:

- Canadian Nuclear Safety Commission
- Ministry of Economic Development, Jobs and Trade
- Ministry of Energy, Northern Development and Mines
- Ministry of Health
- Ministry of the Solicitor General
- Natural Resources Canada
- Public Safety Canada

### Post-Secondary Institutions:

- Durham College
- Ontario Tech University
- Trent University Durham GTA

### Focus Group Sessions

Small, focused sessions (7 in total) were held virtually via MS Teams with the partners, rights holders and stakeholders that indicated an interest in further dialogue. They are listed below:

- Canadian Association of Nuclear Host Communities
- Central Lake Ontario Conservation Authority
- City of Oshawa
- City of Pickering
- Clarington Board of Trade & Office of Economic Development
- Curve Lake First Nation
- Ministry of Economic Development, Job Creation and Trade
- Mississaugas of Scugog Island First Nation
- Municipality of Clarington
- Natural Resources Canada
- North American Young Generation in Nuclear (Durham Region Chapter)
- Ontario Power Generation
- Ontario Tech University

# Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

## Appendix B: Partner, Rights Holder and Stakeholder Engagement Survey

### Background:

We need your input to help shape Durham Region's first Nuclear Strategy to grow understanding of the nuclear sector, attract innovation and strengthen the local economy, protect and sustain our community, and establish Durham Region as a municipal leader in the nuclear sector.

Durham Region is reaching out to a wide variety of stakeholders including local Indigenous and business communities; local post-secondary institutions; nuclear industry organizations; local municipal, provincial, and federal governments; and residents, amongst others. The purpose of this engagement process is to hear diverse voices and perspectives on Durham Region's nuclear future.

To participate in the survey, please answer the following nine questions – it will take about ten minutes to complete. The insights that we obtain from our stakeholder engagement process will be captured in a high-level summary "What We Heard" Report in Fall 2021 and will be used to develop Durham's Nuclear Strategy.

Please feel free to share the survey with others in your organization who may wish to participate. If you have any difficulty completing the survey or have any questions, please contact the Nuclear Strategy Development Team at [nuclearstrategy@durham.ca](mailto:nuclearstrategy@durham.ca).

### Tell us a bit about you...

1) Which of the following best describes you/your affiliation? Please select all that apply.

- ☐ First Nations, Métis, or Inuit
- ☐ Elected Official
- ☐ Non-Governmental Organization
- ☐ Local Municipal Government
- ☐ Provincial Government
- ☐ Federal Government
- ☐ Post-Secondary Institution
- ☐ Nuclear Industry
- ☐ Energy Industry (non-nuclear)
- ☐ Local Business (located in Durham Region)
- ☐ Conservation Authority
- ☐ Prefer not to say
- ☐ Other (please specify)

2) Rate your level of awareness regarding nuclear activities/issues in Durham Region?

- ☐ Low level of awareness
- ☐ Moderate level of awareness
- ☐ High level of awareness



## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

3) What nuclear-related topics are of greatest interest to you? Please select all that apply.

- ☐ Community health and well-being
- ☐ Community engagement
- ☐ Current (CANDU) and advanced reactor designs, including Small Modular Reactors (SMRs)
- ☐ Decommissioning of nuclear facilities
- ☐ Innovation in the nuclear sector
- ☐ Nuclear operations and safety
- ☐ Nuclear waste management
- ☐ Production of medical isotopes
- ☐ Regulatory frameworks
- ☐ Relocation of Ontario Power Generation's (OPG) headquarters to Clarington
- ☐ Science education
- ☐ Social acceptance
- ☐ Other (please specify)

### **Strategy Objectives:**

Four overarching objectives have been proposed by Durham Region staff to help shape Durham's Nuclear Strategy.

They are:

- Grow understanding of the nuclear sector among Regional Council, staff, and the community.
- Build prosperity by maximizing the benefits of being a nuclear host community and Canada's premier centre of the nuclear industry and innovation.
- Protect and sustain the community by minimizing the risks and costs of being a nuclear host community.
- Lead and develop partnerships within the nuclear sector to build leadership capacity and influence decision-making.

4) Do you support the four proposed objectives for Durham's Nuclear Strategy?

- ☐ Yes
- ☐ No

Comments:

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

- 5) Please rate the relative importance of the four proposed objectives for Durham's Nuclear Strategy. If you do not have an opinion or do not support an objective, you can select "not applicable".

Proposed Objectives	Not important	Somewhat important	Very important	Not applicable
Grow understanding of the nuclear sector among Regional Council, staff, and the community.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Build prosperity by maximizing the benefits of being a nuclear host community and Canada's premier centre of the nuclear industry and innovation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protect and sustain the community by minimizing the risks and costs of being a nuclear host community.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lead and develop partnerships within the nuclear sector to build leadership capacity and influence decision-making.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- 6) Are there other important objectives that we should consider for Durham's Nuclear Strategy? Please comment.
- 7) Which roles for Durham Region would you like to see in a Nuclear Strategy? Please select all that apply.
- ☐ Become an expert jurisdiction among nuclear host communities on community engagement to inform future planning.
  - ☐ Conduct research on impacts and opportunities of being a nuclear host community.
  - ☐ Create a Regional-scale nuclear community advisory committee.
  - ☐ Develop Durham Region's voice and capacity to influence nuclear policy and decision-making by governments, regulators, and generators.
  - ☐ In partnership with the nuclear sector, become a global centre of excellence for nuclear education, research and innovation.
  - ☐ Plan for community impacts of decommissioning at the Pickering Nuclear Generating Station.

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

- ☐ Strengthen Durham Region's role in the Canadian Association of Nuclear Host Communities.
- ☐ Build community awareness about Durham Region as a nuclear host community.
- ☐ Work to achieve inter-generational knowledge transfer among municipal staff, elected officials, and Durham Region residents.
- ☐ Work to attract energy investment and nuclear supply chain companies to Durham Region.
- ☐ Other (please specify)

### **Looking Ahead...**

- 8) Are you interested in participating in a follow-up interview, focus group, or related virtual information/engagement session with Durham Region staff about the Nuclear Strategy?
- ☐ No
  - ☐ Yes (please provide your contact information)
- 9) Please take this opportunity to share any additional comments, feedback, or thoughts on Durham Region's nuclear future.

# Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

## Appendix C: Community Engagement Platform

### Why are we creating this strategy?

1. To grow understanding of the nuclear sector in Durham.

Community members, councillors, municipal staff, MPs and MPPs today and tomorrow are educated about the nuclear sector so that decision-making respects the residents of nuclear host communities.

2. To attract innovation and strengthen the local economy.

Durham Region is the Canadian Centre of Excellence for Energy Innovation. We want to attract more clean energy jobs to power Ontario and foster a world-leading nuclear education, research and development ecosystem.

3. To protect and sustain our community.

Durham is an exceptional place to live, learn, work and raise a family. We will ensure that our community continues to thrive throughout the lifecycle of nuclear generation in Durham.

4. To become a leading municipality in the nuclear sector.

We want to partner with local area municipalities, industry, and higher levels of government to become respected leaders in the development of nuclear policy, attract new investments, and help shape decisions that affect the Region.

### Timeline

1. Engaging with the Community and Stakeholders (July - September)

- We want to hear from you. Take the survey, email us your questions and answer our polls.

2. Documenting What We Heard (Late Summer/Early Fall)

- The project team will report back on what we heard from the community and stakeholders.

3. Developing the Strategy (Fall)

- We will use community and stakeholder input to help develop the Region's first Nuclear Sector Strategy. The Strategy will be presented to Regional Council for approval.

4. Strategy Launch (Winter)

### Quick Facts

- There are three nuclear sites in Durham: Darlington Nuclear Generating Station, Pickering Nuclear Generating Station, and Port Granby (Port Hope Area Initiative).
- Nuclear electricity has been generated in Durham since 1971.
- The nuclear sector is Durham's largest employer (over 8,000 local jobs).

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

- The sector is growing. OPG recently opened the Centre for Canadian Nuclear Sustainability in Pickering and is planning to build a new small modular reactor and relocate its headquarters to Clarington.
- Ontario Tech University offers Canada's only undergraduate degree in nuclear engineering.
- About 34% of Ontario's electricity is generated in Durham from emissions-free nuclear.
- OPG creates medical isotopes which are used to diagnose and treat health conditions such as heart disease and cancer.
- Used fuel is currently stored at Pickering and Darlington until the Nuclear Waste Management Organization constructs a deep geologic repository to store it long-term.

Learn about [Nuclear Generation in Durham](#).

We are seeking input from:

- Durham Region residents
- Local Area Municipalities (such as the City of Pickering and Municipality of Clarington)
- Local Indigenous Communities
- Local Boards of Trade and Chambers of Commerce
- Local Colleges and Universities
- Regional Council and Committees (for example, Durham Nuclear Health Committee)
- Ontario Power Generation
- Organization of Canadian Nuclear Industries
- Canadian Association of Nuclear Host Communities
- Province of Ontario including the Ministry of the Solicitor General and the Ministry of Health and Long-Term Care
- Government of Canada including Natural Resources Canada, Public Safety Canada, Nuclear Waste Management Organization, and the Canadian Nuclear Safety Commission
- And more!

## Developing Durham Region's Nuclear Sector Strategy: Engagement Summary Report

### Quick Polls

1. A proposed objective of the nuclear strategy is to maximize the benefits of being a nuclear community to attract investments, jobs and businesses to strengthen the local economy. How important to you is this objective?
  - ☐ Extremely important
  - ☐ Very important
  - ☐ Moderately important
  - ☐ Slightly important
  - ☐ Not at all important
2. A proposed objective of the nuclear strategy is to protect and sustain our community by addressing impacts to the community throughout all stages of nuclear generation from initial construction to site restoration. How important to you is this objective?
  - ☐ Extremely important
  - ☐ Very important
  - ☐ Moderately important
  - ☐ Slightly important
  - ☐ Not at all important
3. A proposed objective of the nuclear strategy is for the Regional Municipality of Durham to be a recognized municipal leader in the nuclear sector and a respected best-practice jurisdiction. How important to you is this objective?
  - ☐ Extremely important
  - ☐ Very important
  - ☐ Moderately important
  - ☐ Slightly important
  - ☐ Not at all important
4. A proposed objective of the nuclear strategy is to increase awareness of the nuclear sector among our community, Regional Council and municipal staff. How important to you is this objective?
  - ☐ Extremely important
  - ☐ Very important
  - ☐ Moderately important
  - ☐ Slightly important
  - ☐ Not at all important