



## Durham Region: Accelerating Energy Innovation

Durham Region is a leader in Energy Innovation, Environmental Technologies, and Engineering. Home to Ontario's largest energy innovation cluster, Durham boasts a highly-skilled and experienced workforce of over 10,000 employees working in these sectors. With proximity to over 30 post-secondary institutions, and anchored by 3 within the region, Durham offers access to a world-class talent pool of over 400,000 students across the Greater Toronto Area

### Energy Innovation: Talent Pipeline

Durham Region is meeting the demands of technological transformation with talent who offer technical knowledge, and digital and data analysis skills.

**Durham's post-secondary institutions offer programming to support energy innovation:**

- Artificial Intelligence
- Blockchain
- Drone Technology
- Cybersecurity and privacy
- 3D Printing
- Intelligent energy systems
- Robotic Process Automation
- Data analytics
- Gamification and Simulation
- Virtual Reality

**Offers Canada's first and only nationally accredited Bachelor of Engineering in Nuclear Engineering**

### Ontario Tech University

- National leader in energy and environmental sustainability research with a focus on unlocking the potential of clean energy technologies.
- International research leaders in developing alternative energy sources
- Strong portfolio of patents related to clean energy
- Over 11,000 students studied across Business & IT, Energy Systems & Nuclear Science, Engineering & Applied Science, and Science domains.
- Approximately 30% of Ontario Tech's Research Grants for 2019-2020 were in Energy Systems and Nuclear Science and Engineering and applied science.





## Durham College

- One of Canada’s top research colleges
- Providing skilled talent in Energy and Mechanical systems, Power Engineering and Environmental Technology
- State-of-the-art facilities including an Energy Innovation Centre and Geothermal Field
- Access to top talent, funding, faculty expertise, and research facilities, that helps businesses build, test and commercialize technologies of the future through the college’s Applied Research Program

**The Durham College  
geothermal field is  
one of the largest  
geothermal well fields  
in North America**




### About Durham Region

Durham Region is the eastern anchor of the Greater Toronto Area’s (GTA) tech ecosystem. With a rich business history leading industry transformation and energy innovation, investors can tap into a diverse business ecosystem and a talent pipeline with the agility to meet today’s business demands.

Durham Region’s post-secondary institutions feed the energy sector with highly-educated workers who have gained specialized technical knowledge, and who are well-prepared to contribute to clean energy innovation.



To learn more about Durham Region’s workforce and talent pipeline and how you can tap into opportunities for research and development, or for questions about starting or expanding your business please contact us at [investdurham@durham.ca](mailto:investdurham@durham.ca).



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