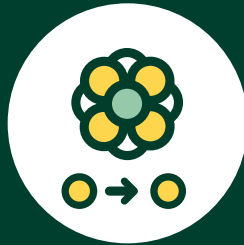


ENERGY AND CLEAN TECHNOLOGY



According to the Government of Canada, Ontario led the country in clean tech employment in 2021 with 135,971 jobs, representing 41.5% of overall clean tech employment in Canada. This includes a range of jobs requiring a university education, including scientists, engineers and business managers, among others.

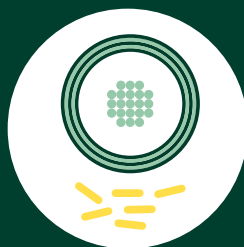
76,000 jobs were created by Canada's nuclear industry as of 2019 – that number will grow as Ontario and other provinces increase investment in nuclear energy. According to the Canadian Nuclear Association, 42% of these jobs require a university degree – [Clean Energy Canada](#)



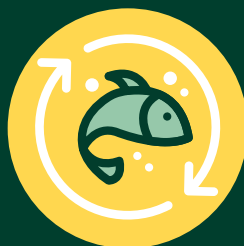
An advanced fusion research partnership between [Ontario Tech University](#) and Canadian Nuclear Laboratories is preparing the next generation of nuclear science and engineering leaders through hands-on learning, deep insights into current nuclear research and mentorship opportunities for their career advancement.



To streamline electric vehicle conversions and provide students with hands-on experience in sustainable automotive technology, [Queen's University](#) has launched Queen's Relectric. By developing innovative solutions for mechanical, electrical and thermal systems, Relectric aims to reduce waste in the global transition to electric vehicles, making sustainable transportation more accessible and affordable for consumers.



The nuclear research talent at [McMaster University](#) is paving the way for the next-generation of medical isotope research and production. As the world's leading supplier of medical isotope iodine-125, which provides treatment for over 70,000 cancer patients every year – the university is leveraging their suite of world-class nuclear facilities to create a robust supply of medical isotopes, helping ensure Ontarians and Canadians have reliable access to advanced therapies.



A [Western University](#)-led Marine Biomass Innovation research project seeks sustainable, entrepreneurial solutions in the fishing industry, creating economic opportunities for communities. It is one of largest Indigenous, industry and academic research partnerships in the country.