



CLEANTECH

Harnessing renewables and organic materials
to advance R&D, innovation, and commercialization.

HALIFAX 
NOVA SCOTIA



SECTOR SNAPSHOT

Halifax is becoming a hub for clean tech innovators and collaborations between research centres, post-secondary institutions, incubators, businesses, and government focused on harnessing the potential of renewable energy and clean technology.



Tesla's only lithium-ion battery Canadian research facility, partnered with Dalhousie University to develop next-generation energy storage solutions for electric vehicles and sustainable green energy.



Halifax is Canada's Ocean City, a global leader in ocean technology, talent, and business.



Canada's leading research centre for in-stream tidal energy is located in Nova Scotia: the Fundy Ocean Research Centre for Energy (FORCE).



Innovative companies at the forefront of clean tech including CarbonCure, Tesla, NOVONIX, LED Roadway Lighting, and TruLeaf.



HalifACT is Canada's most ambitious climate action plan with a commitment to a net-zero economy in Halifax by 2050.



Planetary Hydrogen, a cleantech company that moved its operations to Halifax, has an ambitious goal to remove a gigatonne of carbon from the atmosphere annually by 2035. The company's technology produces the greenest hydrogen on Earth which, when combined with biofuels, enables the production of drop in carbon negative fuels.



TALENT



CRITICAL MASS OF PUBLIC AND PRIVATE SECTOR SCIENTISTS
DOING WORLD-CLASS R&D



IMMIGRATION-FRIENDLY POLICIES AND PROGRAMS
LIKE THE ATLANTIC IMMIGRATION PROGRAM

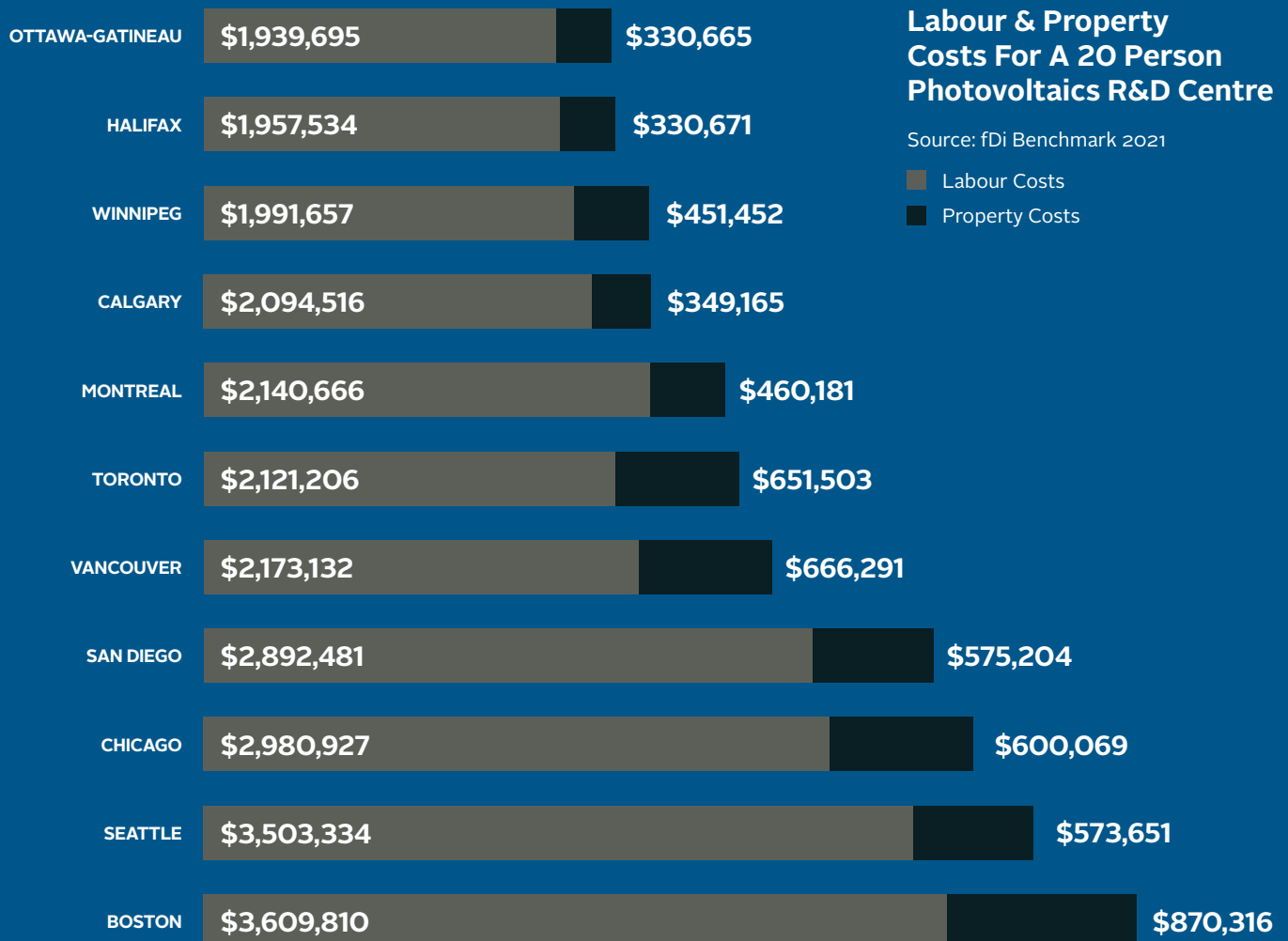
36K POST-SECONDARY STUDENTS ENROLLED ANNUALLY

70% OF THE WORKFORCE HAS POST-SECONDARY EDUCATION

7 UNIVERSITIES AND **3** NOVA SCOTIA COMMUNITY COLLEGE CAMPUSES

PROVIDING A STEADY STREAM OF **STEM GRADUATES**

COMPETITIVE BUSINESS COSTS



ECOSYSTEM PLAYERS



The Clean Technology Research Institute (CTRI) at Dalhousie University facilitates cleantech research projects.



Invest Nova Scotia supports opportunities for research, product development, and commercial-scale projects.



The Applied Energy Research team (AER) at NSCC develops and tests sustainable energy alternatives.



The Offshore Energy Research Association (OERA) explores and assesses cleantech and renewable energy opportunities.



The Centre for Ocean Ventures and Entrepreneurship (COVE) is a collaborative facility for applied innovation.



Atlantic Hydrogen Alliance (AHA) is supporting the development of a clean hydrogen value chain



Nova Scotia Power is committed to delivering clean, reliable and affordable energy to Nova Scotians. They are investing in more renewable energy sources like wind and solar and continue to meet the growing demand from customers by adopting new technologies like in-home battery storage and electric vehicles.



GAIN THE COMPETITIVE EDGE

Connect with our team to learn why Halifax is the right location for business, talent, and investment.
Investinhalifax.com