

PATHWAYS FOR MUNICIPAL ACTION ON CLIMATE CHANGE

Presented by Ontario Climate Consortium, Clean Air Partnership and Sustainable Waterloo Region













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Pathways for Municipal Action on Climate Change

Wednesday May 22nd, 2019 3:00PM – 5:00PM

Hosted by:

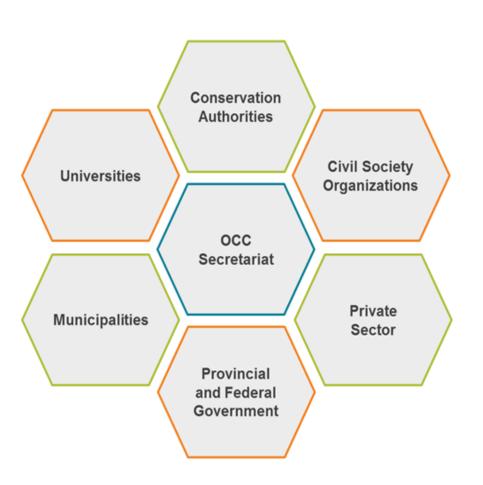








What is the OCC?



The OCC was established in 2011 as a centre of expertise providing research and analysis services to municipalities, conservation authorities, and the broader public sector.



Supported by Toronto and Region Conservation Authority

Ontario Regional Climate Advisors

Services Offered:

- Workshops, webinars, and other types of training
- Peer learning and networking opportunities
- One-on-one coaching and support on:



- Identification of funding opportunities
- Support with the PCP program and milestone advancement















Partners for Climate Protection



1. Establish a baseline GHG inventory and forecast



2. Set GHG reduction targets



3. Develop a local action plan



4. Implement the plan or set of activities



5. Monitor progress and report results



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- Canada's First Net Positive Energy Multi-Tenant Office Building
- Canada's first Zero Carbon Building Design Certified





The Vision

















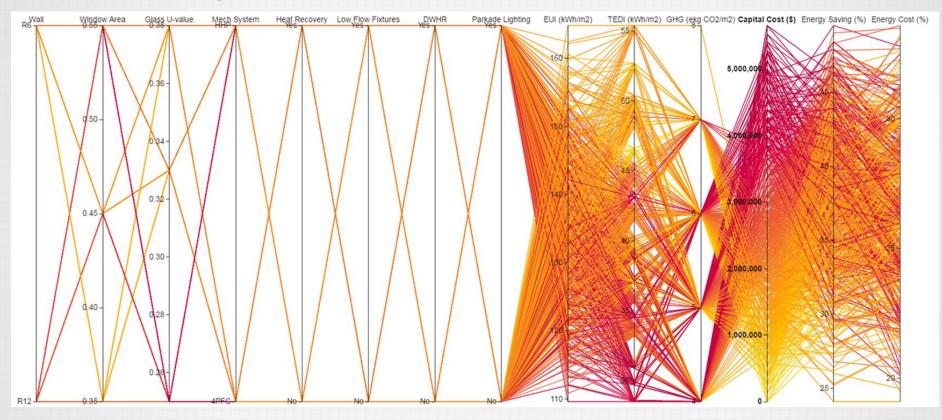
evolv1 Funding Model

Feasibility Study Building Development

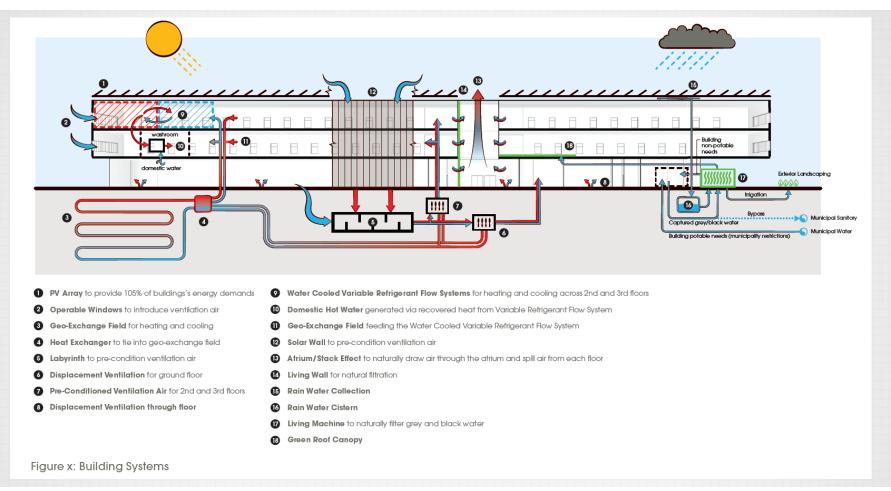




Parametric Simulations

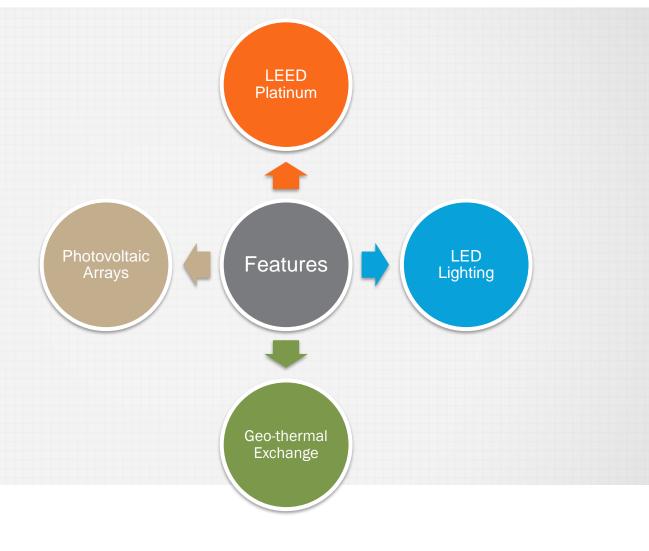








Enabling Systems Features







Barriers

- Unprecedented application of technologies
 High cost of approval / Long approval process
 Need certainty
- Skill sets not in abundance
- Sustainability is not a typical customer's top priority





Lessons

- Invest in design upfront / everyone has to embrace the vision
- Energy savings offset additional capital cost
- evolv2 will be offered with same pricing as other new product in the market
- Our buildings are full!



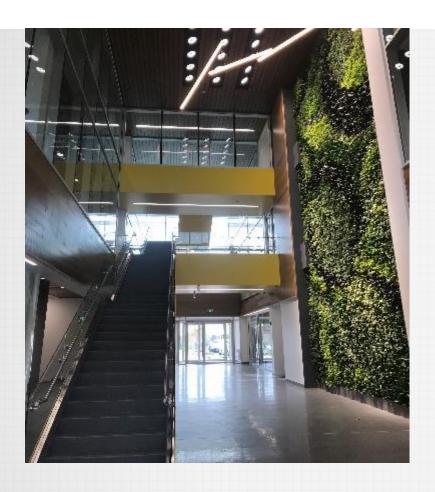


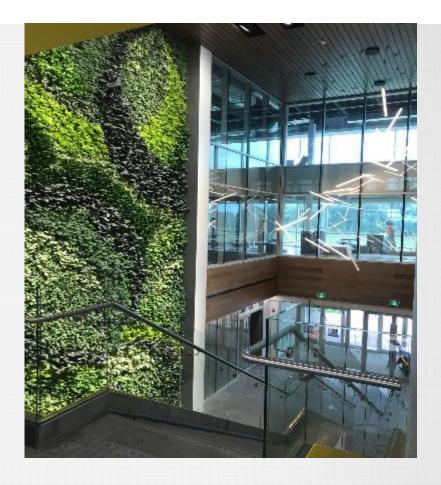
















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www.evolv1.com









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Sustainable Waterloo Region

is proud to be stewards of this clean and prosperous future. It is an honour to work with partners from all sectors of our community, private businesses, public institutions, other non-profits, and more. It is inspiring to support the work that is being done all over this region.



















Imagine... buildings that give back

Generating Energy

Cleaning Air

Harvesting Water

Net-zero Waste

Growing our Clean Economy





sustainable WATERLOO REGION

The Process – Early Days



- SWR Strategic Plan
- Business Case
- Call for Land
- Selecting Partners





Partners













The Strategic Intermediary







Clean Economy Innovation Hub



Inspiring Change Research Commercialization









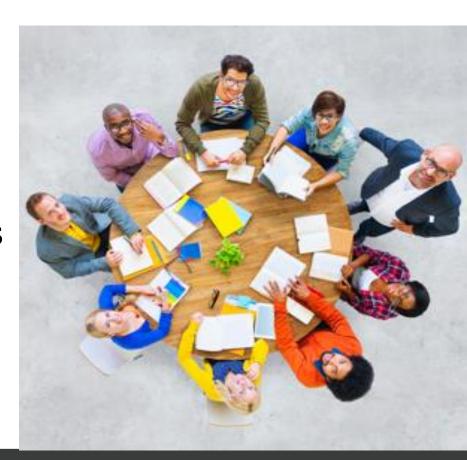






Community Benefits

- Leveraging evolv1
- Established leadership
- Supporting small businesses
- Creating jobs
- Diversifying our economy







Culture of Sustainability

- Partnership with VERiS at Wilfrid Laurier University
- Helping building reach its potential
- Engagement Strategy

