

Presentation to the Clean Air Partnership Kate Flynn, Acting Director, CCCM May 24, 2019

П шонашк

CCCM STRATEGY

MOHAWK'S VISION

A regional leader on climate change, fostering partnerships and collaboration that inspire transformational change toward a resilient, low carbon economy.



The Centre for Climate Change Management (CCCM) is helping to accelerate climate action by acting as a catalyst to support the growth of a thriving low carbon economy.







THE JOYCE CENTRE

WHAT IS A ZERO CARBON BUILDING?

Highly energy efficient, and produces enough energy onsite offset annual carbon emissions associated with operations.

KEY FEATURES

- High-performance building envelope
- Solar PV arrays that generate over 721,000 kWh annually
- Solar thermal array
- 28 geothermal wells
- Variable refrigerant flow heat pump system
- Sensor-controlled LED lighting
- Green roof with rainwater harvesting
- High-efficiency plumbing fixtures





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CCCM 2019/2020 BUDGET

DESIGNED FOR PARTNERSHIP AND INNOVATION

7 Stories of learning

8 Labs

3 Collaborative work spaces and studios

2 Green roofs



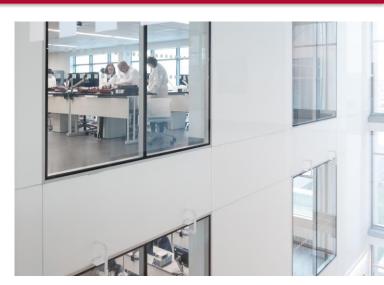


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TOP 5 ARGUMENTS FOR NET ZERO CONSTRUCTION

- 1. Constructed through an integrated design process
- 2. Reduces operations costs over time
- 3. Enables management of peak demand loads
- 4. Enhances the sustainability and resilience of our other buildings
- 5. Possible today, with widely available technologies





П тонашк

Thank you for your time.

QUESTIONS?