St. Lawrence College
Towards Positive Climate Action
November 12th, 2019
Rooted in our communities, we will be a globally recognized college delivering innovative learning opportunities and preparing career-ready graduates to be leaders in their fields.

Our Vision

We are dedicated to student success, academic excellence, and leadership in our communities.

Our Mission

Our Strategic Directions

- Our People
- Our Programs
- Our Students
- Our Communities

Our Values

- Students First
- Teamwork
- Innovation
- Integrity
- Belonging
Sustainability at SLC

Be accountable for our decisions and actions to ensure our long-term viability, reduce our environmental impact and foster a healthy and dynamic college.
Our Commitment to Sustainability

- Association for the Advancement of Sustainability in Higher Education (AASHE)
  Globally Recognized: 19 countries; Ontario: 24
- Sustainability Tracking and Ranking System
- Role as an Organization
- Role as an Education Institution
- New Strategic Plan – “SLC in Five” transition from Bronze to Gold by 2024
Climate Action Programming

Sustainable Programs

We have choices!

Energy Systems Engineering Technology

Wind Turbine Technician

Environmental Technician
Our Climate Action Targets

- 6% below by 2014 = 3,610 t CO₂e
- 20% below by 2020 = 3,262 t CO₂e
- 50% below by 2030 = 2,854 t CO₂e
- 80% below by 2050 = 815 t CO₂e

Business as Usual vs Reduction Targets

- 20% reduction by 2020
- 50% reduction by 2030
- 80% reduction target by 2050

Footprint

St. Lawrence College
Climate Action: LEED™ Gold
Student Life and Innovation Centre
Climate Action: *LEED™ Gold Student Life and Innovation Centre*

**Direct Energy Measures:**

- 57% Reduction in energy costs
- 64% Reduction in GHG emissions

- Geothermal Exchange System
- Heat Recovery of Exhaust Air Systems
- Lighting Controls and LED Lighting
- Efficient Windows and Envelope
- Window blind control tied to BAS system
- Reflective Roof Membrane
Climate Action: LEED™ Gold
Student Life and Innovation Centre

Water Efficiency Measures:

45% Reduction in potable water use

- Cistern
- Low flow fixtures
- Innovation Credit
Climate Action: *LEED™ Gold*

*Student Life and Innovation Centre*

**Material Selections:**

- 20% Recycled
- 35% Regional
  - Roofing Products
  - Structural Steel
  - Drywall
  - Concrete block
Climate Action: LEED™ Gold
Student Life and Innovation Centre

Wood Selection:
100% Sustainably Harvested

Construction Waste:
90% Diversion from Landfill
Newcourt House (circa 1840):
- Historically Designated
- Targeted LEED™ Certified
- Behavioural Sciences Centre
Climate Action: Transportation

- Carpool Program: 247 users = 26 cars off the road
- Kingston Transit Employee Transpass Program
- Student Bus Pass
- Tri-campus EV charging stations
- Campus Commuter Challenge: 2nd in Canada; 1st in Ontario!
- Community Commuter Challenge and Roll in Breakfast
- New Secured Bike Shelter
Thank You!

Beth Sills, M.A.Sc., P.Eng, MBA, LEED AP
Director of Facilities Management Services
St. Lawrence College
Email: bsills@sl.on.ca
Phone: 613-544-5400 ext. 1974
Cell: 613-329-8939