

## 2017 Community Energy Innovation Fund Project Status Update

*Table 1: 2017 Community Energy Innovation Fund Project Status Update*

Funding Recipient	Project Title	Project Description	Project Location	Funding Allocated
Co-operative Housing Association of Eastern Ontario	CHASEO Energy Upgrade Program	CHASEO applied to undertake energy audits of 25 housing co-operating units in Ottawa, leading to either air sealing, insulation, or home heating upgrades in order to reduce energy consumption. Currently one co-op is on-board and one is awaiting approval to join. The Alex Laidlaw Co-op has completed their first energy audit and have installed new furnaces. Work to be completed before the end of 2019 includes attic insulation and sealing and new door installations. The Westboro Co-op has performed an internal assessment of applicable improvements and are awaiting membership approval to proceed with the program. They anticipate replacing furnaces, along with some window and siding upgrades.	Ward 14 – Somerset; Ward 15 - Kitchissippi	\$79,800

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Glebe Community Association (GCA) – Environment Committee	Glebe Community Centre (GCC) Energy & Carbon Reduction Project	The GCA is to replace 12 windows at the Glebe Community Centre with R11 value windows (compared to R3 or R4 for efficient triple pane windows) to significantly reduce energy consumption, increase occupant comfort, and to serve as a demonstration project for the community. These windows would be the first of their kind in Ottawa and are expected to be installed by end of 2019.	Ward 17 – Capital	\$58,856
Gloucester Housing Corporation (GHC)	Air Source Heat Pump and Thermal Storage Implementation for Achieving a Net-Zero Community	The GHC is planning to convert 24 of 38 units to air-source heat pumps with thermal storage within the Ken Steele Court Community to reduce electricity consumption and to serve as a demonstration project within the community.	Ward 2 - Innes	\$100,000
Hydro Ottawa	Citizen Energy Market Engagement Project	Hydro Ottawa is intending to get more customers to participate in a trial project, the Grid Edge Active Transactional Demand Response (the GREAT-DR), to enable residential customers to participate in the energy market by reducing the peak demand on the electricity network, benefiting the Ottawa electric grid and permitting more renewable generation. A demo of the GREAT-DR has been developed and is being worked through.	City-wide	\$50,000

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Ottawa Community Housing (OCH) Corporation	Tenant Energy Engagement Project	OCH is working to increase energy conservation in five different OCH buildings through the installation of real time energy display and monitoring systems in lobby areas and through the distribution of energy savings equipment to the tenants. Tenant engagement sessions were held in the winter and spring/summer of 2019, with another session to be held before the end of 2019. The engagement sessions introduced tenants to the project and current consumption patterns for electricity and natural gas, followed by sessions that introduced tenants to the tools that will be installed to help conserve energy use. Lobby energy screens and new programmable thermostats are expected to be installed by the end of 2019. Further engagement sessions will be held in the first half of 2020.	Ward 12 – Rideau-Vanier (3 buildings); Ward 14 – Somerset (2 buildings)	\$75,000
The Recreation Association of the Public Service of Canada (RA Centre)	Helping Ottawa Be Physically Active While Reducing Greenhouse Gases	The RA Centre completed a feasibility study to determine whether the RA Centre should remain connected to the federal government’s district energy system (following the federal government’s conversion from high temperature heat loops to low temperature heat loops) or to disconnect entirely from the heat loop and switch to an alternative heat supply.	Ward 17 - Capital	\$45,500

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Relay Education	Ottawa Kids' World of Energy	Relay Education is intending to deliver the World of Energy Program to grade 5 and 6 students at four different schools in Ottawa. The program consists of half-day workshops that includes demonstration projects for renewable energy generation, and full day workshops for the Renewable Energy Design Challenge.	City-wide	\$25,800
Sustainable Eastern Ontario Network (SEON)	Energy Cube	SEON is designing and building an interactive, mobile display for all ages to promote energy efficiency, conservation, and renewable energy generation through a roving showcase. The past year was spent going through an extensive detail design and build stage, with the expectation that final installations will be completed early in 2020. Opportunities to showcase the display in 2020 are currently being explored. Additional materials to support the display are being currently being developed, including a website and educational take-home tools.	City-wide	\$65,000