

A Brighter Approach

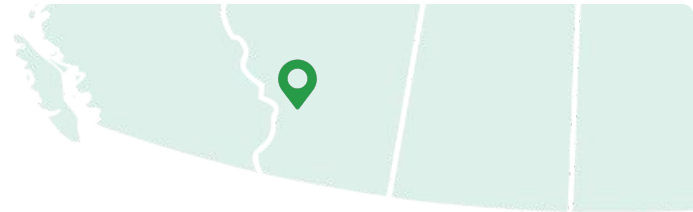
Replacing aging lighting fixtures with modern LED technology



The Project

Generations Calgary is a not-for-profit, multigenerational community campus dedicated to inspiring and nurturing the human spirit through purpose, connections, and possibilities. Their campus brings together seniors' care, affordable housing, early childhood education, and community programming.

Committed to building a sustainable future that supports both the people they serve today and the generations who will follow, Generations Calgary decided to complete a lighting retrofit project. Many of the lighting fixtures were aging and inefficient resulting in unnecessary energy use. By upgrading to energy-efficient LED lighting and restoring motion-sensing controls, Generations Calgary was able to reduce their environmental footprint while creating a brighter, safer, and more welcoming space for all.



Calgary, AB

Health care and social assistance

The Benefits



Reduced
Carbon Emissions



Reduced
Energy Costs



Thank you to **The City of Calgary** for funding the Climate Action Microgrant program.



Thank you to **The Trotter Family Foundation** for supporting the climate action case studies.



Thank you to **Alberta Ecotrust Foundation** for supporting Green Economy Calgary.

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The Results

By completing the project, the facility has achieved meaningful energy savings that will reduce ongoing utility costs. The LED retrofit will reduce energy use by approximately 18,980 kWh annually resulting in GHG emissions reduction of 8.04 tonnes of CO₂e annually. The new fixtures also have longer lifespans and lower maintenance requirements, reducing future replacement and repair expenses.

Additionally, the project has significantly improved the safety and quality of the environment as the lighting is now brighter and more reliable.



Safiqa Kara
Executive Director

We greatly appreciated the support and responsiveness of the Green Economy Calgary team throughout the project. The Climate Action Microgrant provided an opportunity to implement meaningful sustainability improvements that may have otherwise been delayed. We look forward to continuing our sustainability journey and building on the success of this project to create lasting environmental and community benefits.



Green Economy Calgary is a non-profit Hub that supports local businesses to adapt and thrive in the low-carbon transition. Developed as a collaboration between Alberta Ecotrust and Green Economy Canada, we provide a cost-effective, hands-on, and practical approach to help members of all sectors and sizes take action on climate change and become stronger and more resilient for the future.