



Green Economy
London

Green Project Support

Supporting Green Economy
London members to implement
sustainability projects





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Introduction

Green Project Support provides financial incentives for Green Economy London members to implement sustainability projects. Projects focus on one or more of the following target areas: **waste, water, greenhouse gas emissions, environmental stewardship.**

Green Economy London has been offering Green Project Support since 2019. Since 2024, this program has offered over \$60,000 in incentives to 29 members.



This booklet provides an overview of the various projects that Green Economy London members have implemented over the years.



2019 Projects

On the Move Organics - Urban Hoop House

On the Move Organics invested in a passively heated hoop house to reduce fossil fuel consumption. This structure is used to grow organic greens and native plants, utilizing stormwater to extend the growing season and reduce GHG emissions. The native plants support a nearby apiary, aiding local pollinators and enhancing stormwater management.



Booch Organic Kombucha – Diaphragm Pump



Booch installed a diaphragm pump, which saves 3,000 litres of product annually. This opportunity, identified by Enviro-Stewards and supported by Green Economy London and The City of London, ensures that no kombucha is wasted. The pump is expected to save over \$20,000 per year, with a payback period of under two weeks, resulting in an annual reduction of 5 tonnes of CO₂e and 8.3m³ of water savings.



2020 Projects

Electric Vehicle Charger- Reimagine Co.

Reimagine Co. installed an electric vehicle charger to conveniently power the plug-in hybrid electric vehicle used for deliveries and offer charging boosts to in-store customers. By adding their new charger to public maps, they also attract new customers to their store.



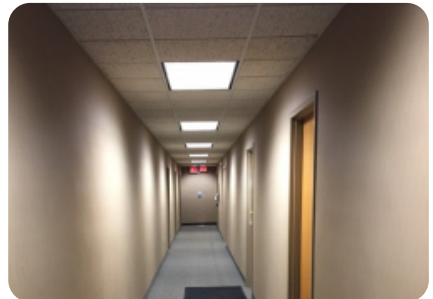
Low-Flow Toilets - McCabe Promotional



McCabe installed low-flow toilets in their most frequently used bathrooms, reducing water usage from 6L to 4.8L per flush. This change will help lower their water bill and contributes to their goal of reducing overall water usage by 10%.

LED Retrofit - BlueStone Properties

BlueStone Properties retrofitted their original light fixtures with LED lights. By conducting a lighting audit and analyzing light levels before and after the retrofit, the company successfully brightened their workplace while reducing their environmental impact.





2020 Projects

Biodegradable Packaging – London Brewing Co-op



The London Brewing Co-op replaced their plastic packaging with biodegradable options that can be composted or recycled. Customers have responded positively to the flexible disposal options and environmental benefits.

Soil Sieves – Western Fair District

Western Fair District redirects onsite green waste into compost bins and uses the compost to feed their worms, producing rich worm castings for fertilizer. To sift out large lumps from the compost and isolate the worm castings, they purchased two soil sieves.



Solar Installation – Heeman's



Heeman's installed solar panels on their roof as part of their broader green initiatives. These panels are expected to generate 57% of their annual power needs, significantly reducing the greenhouse gases associated with powering their business.



2020 Projects

Blue Roof Study - London Food Bank

The London Food Bank wanted to explore sustainable uses for their large warehouse and hired a consultant to conduct a blue roof study. The study found that a blue roof would be perfect for collecting rainwater to use in their new greenhouse and outdoor gardens. By installing the blue roof, they also aim to reduce costs associated with city water and bulk water deliveries.



Blue Roof Study & High Efficiency Hand Dryer – Pillar Nonprofit



Pillar Nonprofit Network hired a consultant to assess the feasibility of implementing a blue roof at Innovation Works to reduce stormwater flooding and water use. They plan to apply for grants to install a blue roof in the future. Additionally, Pillar Nonprofit Network installed a high-efficiency hand dryer to cut down on paper towel use and improve accessibility for hand drying.



2021 Projects

Electric Vehicle Charger – London & District Construction Association

LDCA installed a 34kWp solar canopy system and two EV charging stations, cutting carbon emissions by 1.6 tons of CO₂ annually. This project encourages electric vehicle use among members, demonstrates leadership in the construction industry, and supports GHG emissions reduction targets.

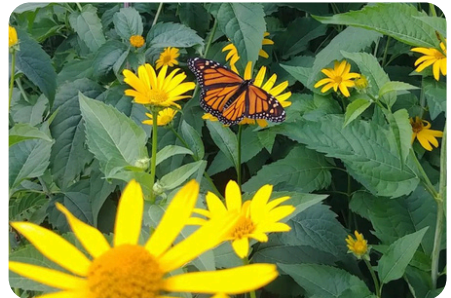


Low Flow Fixtures, High Efficiency Dryers & Air Curtain – Heeman's

Heeman's installed low-flow fixtures and high-efficiency hand dryers to cut water use and paper waste, and an air curtain in a greenhouse to reduce energy consumption. These efforts support their targets for GHG emissions reduction, waste reduction and diversion, and water conservation.

Pollinator Garden and Smart Water Meter - Tepperman's

Tepperman's expanded their 30,000 sqft pollinator garden and installed a smart water meter controller for 'weather intelligent' irrigation. This project supports local biodiversity and water conservation practices.





2022 Projects

Waste Audit- Let's Talk Science

To reduce waste at their London office, Let's Talk Science conducted a waste audit to gather baseline data and engage staff in a comprehensive waste reduction and management campaign. The audit identified two main types of waste they generate most frequently, and they developed a plan to address and reduce this waste.



Level 3 EV Charger Installation- London & District Construction Association (LDCA)

LDCA upgraded their Level 2 EV charger to a Level 3 EV charging station at their office. Level 3 chargers provide significantly faster charging, allowing vehicles to be charged in minutes rather than hours.



Compostable Packaging- Western Fair District

The Western Fair District's project involved research, development and investment in new recyclable packaging for the worm castings produced by the Wormery.





2022 Projects

Pollinator Garden - Play Away Indoor Park

Play Away Indoor Park planted a pollinator garden at the front of their facility. This garden supports essential ecosystem services, biodiversity and helps to divert water away from the building.



Waste Audit- MTE Consultants

MTE Consultants had a waste audit completed to gain information on the quantity and composition of their organizations waste. This has allowed them to implement new and effective waste diversion initiatives.

Grain Bag Waste Diversion Strategy - London Brewing Co-op

The London Brewing Co-op repurposed their grain bags as garbage bags, which would otherwise end up in the landfill. They also constructed waste diversion stations to promote recycling for their guests.





2023 Projects

Low-Flow Bathroom Fixtures Installation- ReForest London

ReForest London completed washroom renovations at the Bruce Pavilion, now featuring four gender-neutral washrooms and one accessible washroom. The renovations included adding extra insulation and installing low-flow water fixtures to enhance the building's overall energy efficiency. These improvements support their goal of achieving net-zero status at the Bruce Pavilion.



Energy Efficient Window Coverings- Junction Climbing Centre

Junction Climbing installed retractable window coverings at their J2 Bouldering facility. This project helps to reduce energy consumption and improve cooling in the summer months.





2023 Projects

On-Site Organics Program- BlueStone Properties

BlueStone Properties introduced an organics recycling program at the Dufferin Corporate Centre to enhance waste diversion rates. Tenants at the facility can now recycle food scraps, reducing the amount of waste sent to the garbage.



EnergyStar Upgrades- Reimagine Co.

Reimagine Co. purchased a new energy-efficient cooler for their store. This upgrade saves energy while keeping food products at a stable temperature, resulting in reduced food waste and cost savings.



Cargo E-Bike Upgrades - LOLA Bees and On the Move Organics

On the Move Organics and LOLA Bees are completing an upgrade of their shared cargo e-bike. This will allow them to extend the length of their trips and service more areas in London using zero-carbon.





2024 Projects

Low-Flow Toilet Installation - BlueStone Properties

BlueStone Properties will be replacing 93 toilets at the Dufferin Corporate Centre with low-flow models. This project will allow them to reduce water consumption and save costs.

LED Lighting Retrofit - Junction Climbing Centre

Junction Climbing Centre is completing an LED lighting retrofit at one of their facilities. This project will involve replacing 50 light fixtures and over 200 bulbs with LED alternatives, allowing them to reduce energy consumption and save costs.

Solar Battery Expansion - The Ice Box

The Ice Box is expanding their solar battery system on their food truck, allowing them to go further GHG emission free and keep their products frozen during transport.

Water Monitoring System Installation - Let's Talk Science

Let's Talk Science is installing a water monitoring system at their office which will allow them track consumption and identify inefficiencies and leaks. This project will promote improved water conservation at their facility.

Rental Cargo Bike- London Bicycle Cafe

The London Bicycle Cafe purchased an additional cargo e-bike for their Bikes for Business Program, which allows local businesses to rent out e-bikes for long term-trials to implement into their business operations.

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