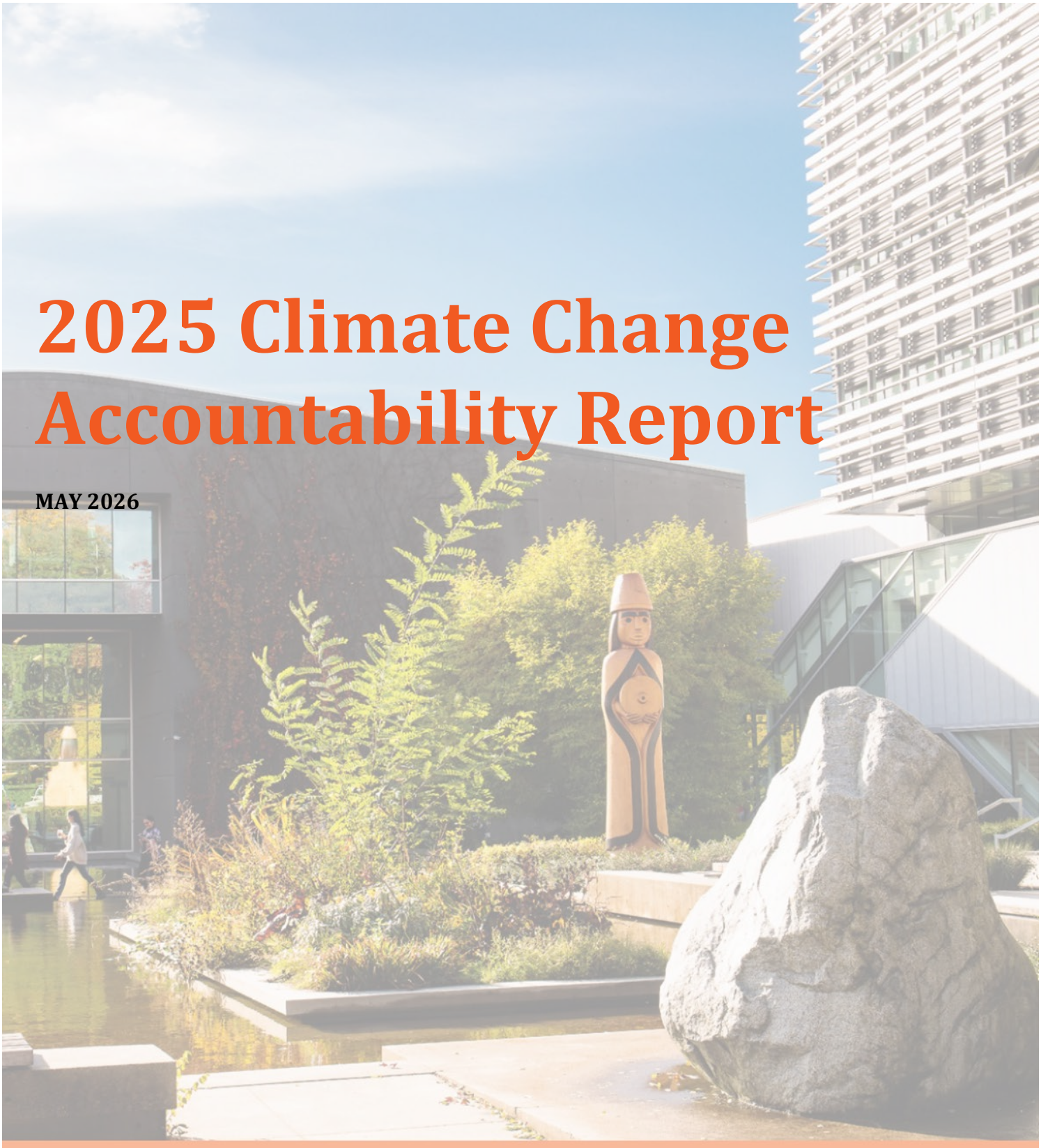

2025 Climate Change Accountability Report

MAY 2026

Langara.

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Introduction

At snəw̓eyəɬ leləm Langara College, we are committed to sustainability and climate change accountability. Since 2001, the College has been actively reducing, monitoring, and managing greenhouse gases (GHGs). As mandated by the Greenhouse Gas Reduction Targets Act, we have been reporting annual GHG emissions and investing in offsets to achieve net-zero emissions since 2010. Our efforts have resulted in significant reductions in emissions per square metre on campus.

In May 2023, the College signed the United Nations Sustainable Development Goals Accord, joining institutions around the world in a commitment to advance sustainability. We report annually on our progress in advancing the 17 SDGs, demonstrating our commitment to a more sustainable future.

Future Forward Langara

As we consider the next steps and strategic priorities for the College, we are reimagining Langara as a more agile, responsive, and resilient institution that allows us to address changes in demographics, government mandates, and community demands. At the same time, Langara will renew its commitment to common goals around sustainability, Indigenization, community engagement, and student experience.

Overview

We understand that the world's resources are finite and need to be used conservatively and wisely. We know that our choices, both big and small, impact our world and future generations. As an educational institution, we have a responsibility to lead initiatives that positively contribute to our community. Our goal is to foster and provide leadership to create more environmentally sound, socially just, and economically vibrant communities.

As a college, we have worked to reduce, monitor, and manage greenhouse gas (GHGs) emissions and increase sustainability since June 2001, when the College's Environmental Responsibility policy was first established. Since 2010, along with all B.C. public sector organizations (PSOs), as mandated under the Greenhouse Gas Reduction Targets Act, we have reported our annual GHG emissions and our investments in offsets to achieve net-zero emissions.

- In 2017, we renewed our sustainability policy to reaffirm our ongoing commitment to fostering an institutional culture characterized by leadership in environmental, social, and financial sustainability.
- As a college, are a Silver AASHE STARS (Sustainability Tracking, Assessment & Rating System) Rating and are going for Gold – the next rating level.
- In May 2023, the College signed the United Nations Sustainable Development Goals Accord, joining academic institutions around the world in a commitment to advance sustainability and to share achievements, goals, and learnings with one another, nationally and internationally. As part of this commitment, the College will report on how it advances the 17 SDGs annually.

Declaration statement: This PSO Climate Change Accountability Report for the period January 1, 2025, to December 31, 2025, summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken to minimize our GHG emissions, and our plans to continue reducing GHG emissions in 2025 and beyond

Emissions Summary

As required by the Greenhouse Gas Reduction Targets Act and the Carbon Neutral Government Regulation, reporting is based on absolute emissions and have not been adjusted for the impact of weather conditions or the expansion of campus areas**.** The total emission offsets applied to become carbon neutral in **2025 was 1,220 tCO2e**.

The emissions breakdown for the campus is included in Figure 1.

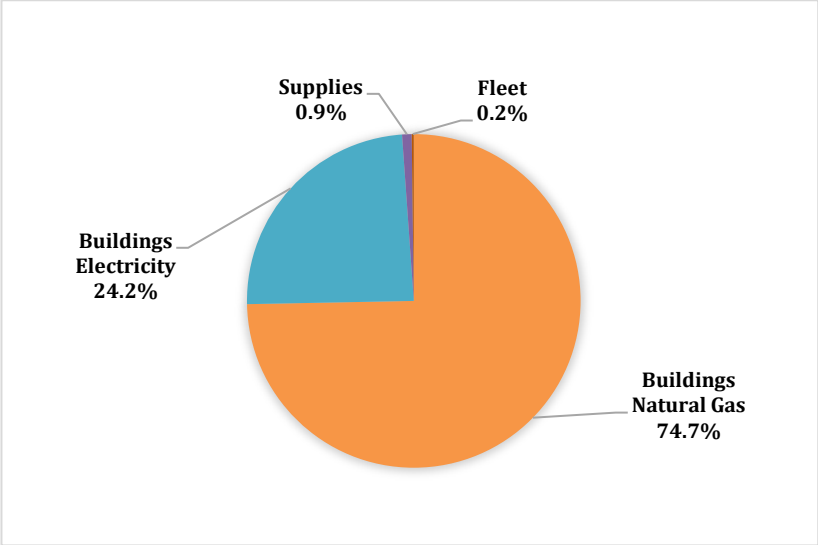

Figure 1: 2025 Estimated Emissions Breakdown

The College's GHG emissions for the mandatory reporting categories are summarized in the Table 1. Comparisons of the 2025 calendar year to previous years and 2007 (the Ministry base-year for GHG target reduction) are also included.

Table 1: 2025 Absolute Emissions Summary and Baseline Comparison

	2025 GHG Emissions (tCO_2e)	**2025 Results Compared to 2024**	**2025 Results Compared To 2007 Baseline**
Buildings – Natural Gas	911	**13% decrease**	51% decrease
Buildings – Electricity*	295	197% increase*	72% increase
Supplies	11	69% decrease	93% decrease (from 2016)
Fleet – College Vehicles	2.4	51% increase	Not available
Total	**1,220**	**1 % decrease**	**40% decrease**

* Note: Electrical emissions factor from the BC Hydro grid has increased significantly.

Nearly 99% of Langara's emissions come from building energy use. Since 2007, the College has **reduced total campus emissions by 40%, despite a 30% increase in campus size and an increase in the BC Hydro grid emissions factor.**

Normalized Energy Usage

The following figures illustrate trends in energy use intensity (energy use per unit area) over the years, including 2025 and are not converted to emissions. This helps demonstrate progress in energy-use savings – removing the impact of the increase in campus area and the increase in the electricity grid emissions factor.

- Electricity intensity: -1% (kWh/m^2)
- Natural gas intensity: -61% (ekWh/m^2)
- Total energy intensity: -35% (ekWh/m^2)

These intensity reductions confirm an **overall energy savings of 35% across the portfolio,** not just absolute reductions from fuel switching. The **61% reduction in gas intensity directly translates into** lower Scope 1 emissions, supporting Langara's commitments under the Carbon Neutral Government program.

Multi-year energy use intensity trends are included in Figures 2-4 that follow.

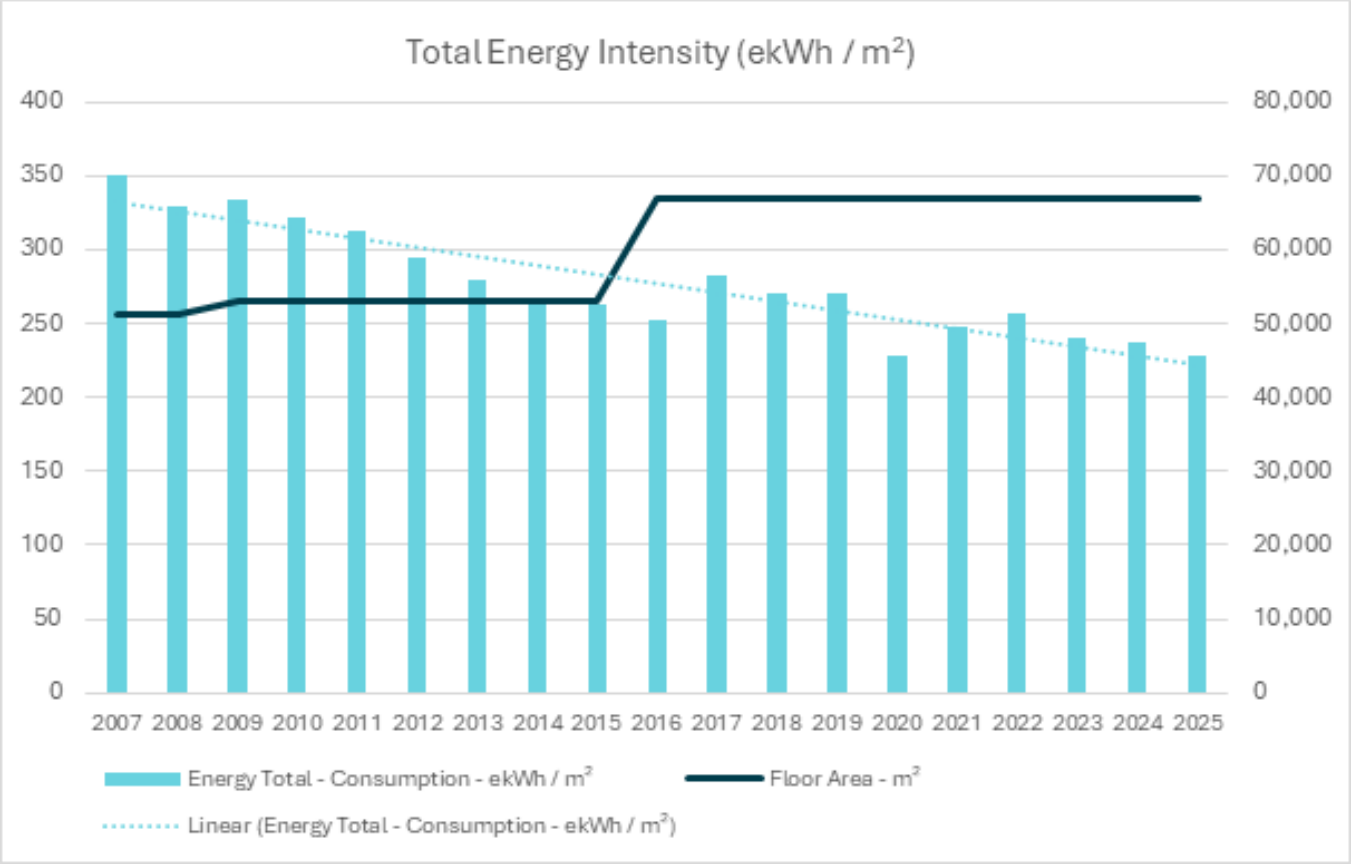

Figure 2: Total Energy Consumption Intensity and Floor Area (2007–2025)
Shows 30% growth in floor area alongside a 35% decrease in total energy intensity.

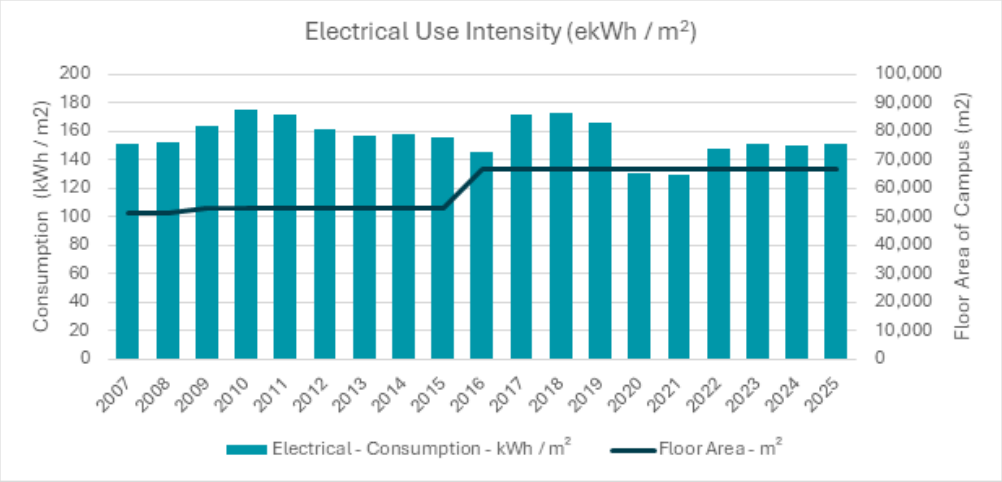

Figure 3: Normalized Electricity Use (kWh/m², 2007–2025)
Displays a net 1% decline, showing improved electrical efficiency even as campus area expanded and electrified.

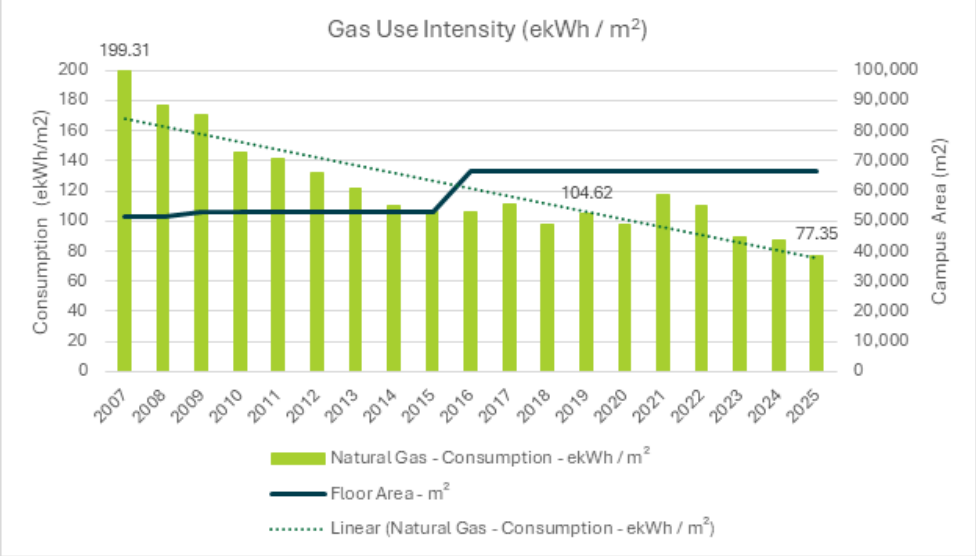

Figure 4: Normalized Natural Gas Use (ekWh/m², 2007–2025)
Shows a 61% decline, driving most of the emissions savings and demonstrating effective heating system upgrades and fuel switching projects.

Beyond energy, emissions, and cost reductions, energy-saving initiatives also deliver important co-benefits, including upgrades to aging infrastructure and improved occupant comfort through enhanced building controls.

Langara has reduced gas usage per GSM
by 61% compared to 2007

Multi-Year Emissions Trend

Table 2 presents a multi-year trend of Langara's emissions data, including the 2007 government reporting baseline and data from 2016.

Table 2: Multi-Trend Emissions Summary

	2007	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Natural Gas	1,848	1,219	1,327	1,174	1,254	1,175	1,414	1,314	1,075	1,045	**991**
Electricity	172	103	124	124	120.0	94.0	83.9	113	114	99	**295**
Supplies		164	134	124.5	115.0	33.8	27.2	48	9.4	36	**11**
Fleet		1.7	1.7	1.7	1.7	1.8	1.8	1.6	1.6	1.6	**2.4**
Total	2,020	1,487	1,587	1,425	1,491	1,305	1,527	1,477	1,199	1,182	**1,220**

Figure 5 shows the trend in absolute emissions.

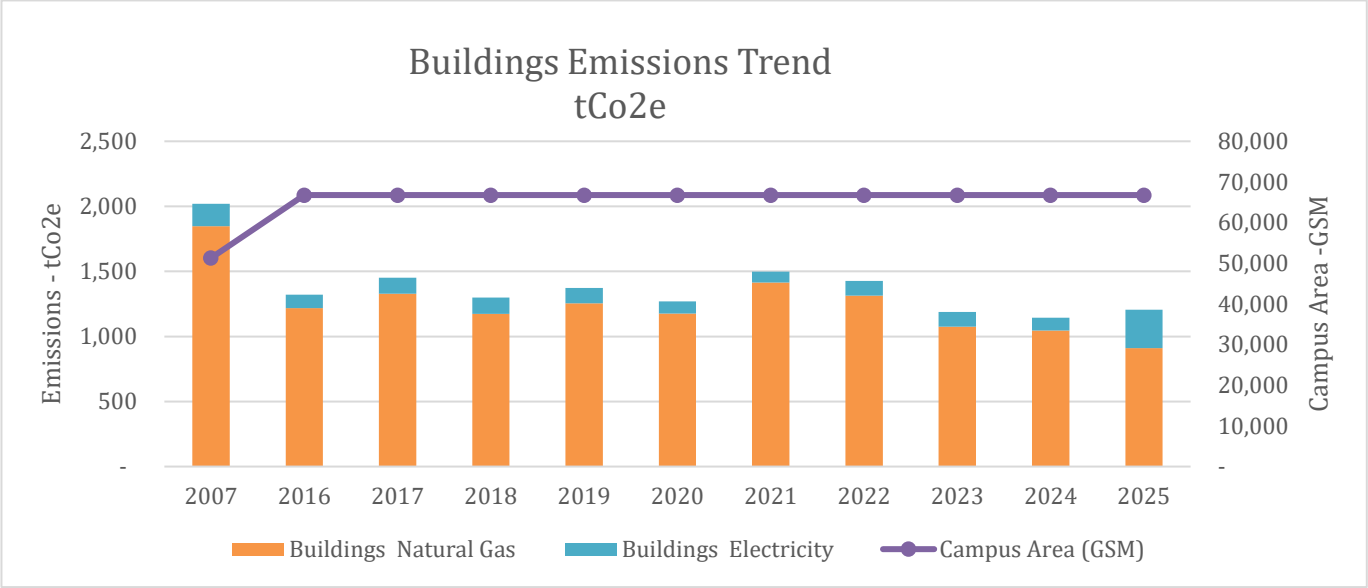

Figure 5: Absolute Building Emissions Trend (tCO2e) – Electricity and Natural Gas Emissions Combined

Building emissions (from natural gas and electricity combined) increased between 2016 and 2017, as expected, given the opening of the Science and Technology Building in September 2016 (which increased the campus area by 23%), with 2017 representing the first full year of occupancy for the new facility.

By 2019, emissions had begun to decline due to ongoing commissioning and post-occupancy optimization of building systems. The onset of COVID-19 led to a further reduction in emissions, as many buildings were operated in low-occupancy, energy-saving modes. However, upon returning to campus, enhanced ventilation requirements—implemented in response to COVID-19—increased natural gas use and associated emissions.

In 2022, gas consumption resumed a downward trend due to continued mechanical system adjustments and retrofit projects. As noted earlier, these reductions are largely attributable to the expansion of the central heating plant across campus and to post-pandemic operational refinements.

In 2025, we saw an additional reduction in both electricity and gas usage; however, the emissions factor adjustment for BC Hydro's electricity grid resulted in a small increase in emissions compared to the previous year.

Looking ahead, additional reductions are anticipated in 2026 as energy efficiency measures continue to be implemented, alongside ongoing commissioning and optimization efforts under the Road to Net Zero initiative.

Figure 6 includes a multiyear trend of emissions per GSM for both electricity and natural gas.

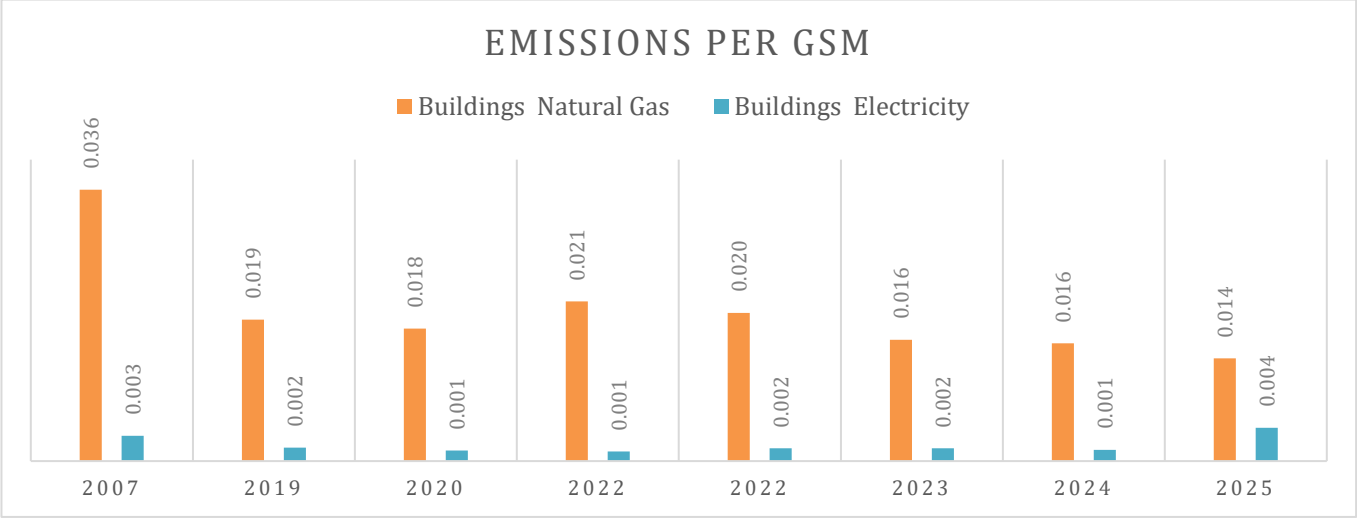

Figure 6: Emissions per GSM trend for Natural Gas and Electricity

Figure 7 below shows a general trend of reduced paper supplies post-COVID-19. The ups and downs appear to be a purchasing timing issue rather than usage trends. **Compared with 2016, we have decreased paper usage by 93%.**

Figure 7: Supplies – Office Paper Emissions Trend (tCO2e)

Cost Savings from 2007 to Present

Since 2007, Langara has achieved sustained energy savings through a combination of green building construction standards, targeted equipment upgrades, and ongoing operational efficiencies. Early gains were driven by the College's Green Buildings Construction Policy, which ensured that new facilities and major renovations incorporated high-efficiency systems, improved envelopes, and modern mechanical and lighting technologies. Over the following decade, incremental improvements, including controls optimization, ventilation upgrades, and other retrofits, continued to reduce electricity and natural gas use. In recent years, the most significant acceleration in savings has occurred following the commissioning of the Central Heating Plant and District Energy System.

Business as Usual (BAU) Assumptions

Langara currently spends approximately $1.25 million on utility costs each year. The Business as Usual (BAU) model represents what Langara's utility costs would have been if no energy efficiency, electrification, or conservation measures had been implemented since 2007. To establish this baseline, average annual energy use costs were calculated for each utility type and applied across the campus based on building area. This approach normalizes changes in floor area over time and reflects expected cost growth associated with typical operational loads, historical consumption patterns, and utility rate escalation. By comparing actual utility costs to this area's adjusted BAU estimate, the model quantifies true cost avoidance attributable to Langara's policies to build to LEED standards, efficiency measures and ongoing optimization. This methodology has resulted in cumulative savings exceeding $6.35 million since 2007. See Figure 8 below.

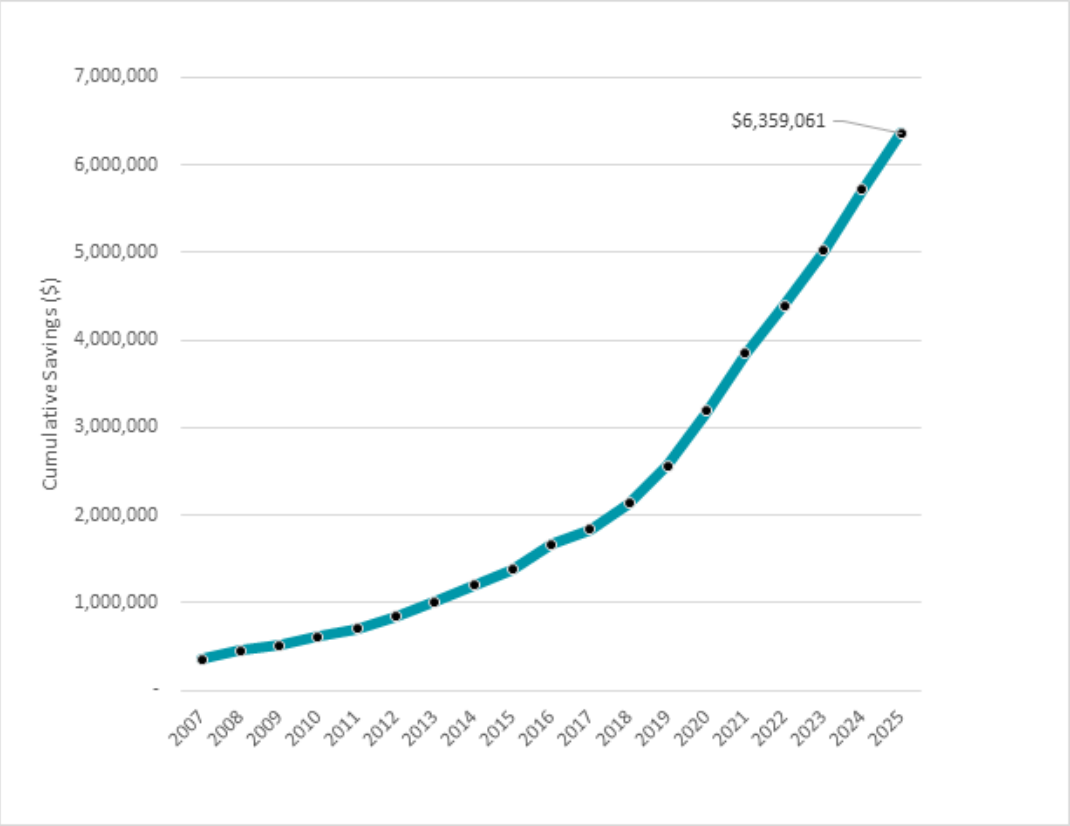

Figure 8: Cumulative Cost Savings compared to Business-as-usual

The current annual rate of utility cost savings is $600,000, compared to a business-as-usual scenario, with natural gas and water savings representing most of the avoided costs (*see Figure 9)*. The continued rise in annual and cumulative savings illustrates how modernized heating infrastructure has strengthened Langara's operational resilience and reduced exposure to utility rate volatility.

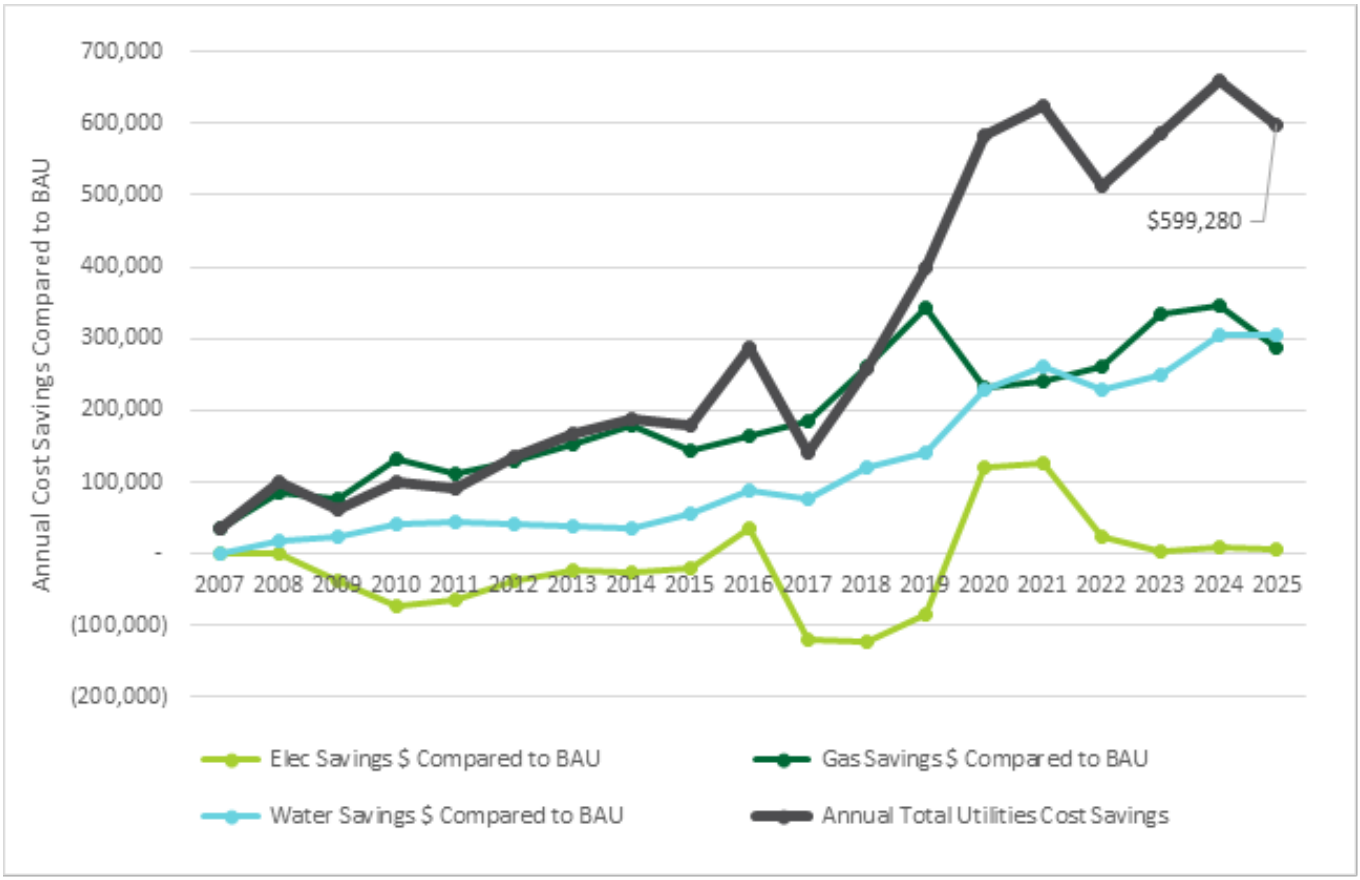

Figure 9: Annual Cost Savings compared to Business-as-usual

Note: By comparing actual utility costs to an area-adjusted BAU estimate, the model quantifies true cost avoidance from policy and measures; this graph shows the annual utility cost savings per utility and the overall Annual Cost Savings.

Key Takeaways

- Natural gas and water are the dominant drivers of current cost savings.
- Water savings came primarily through maintenance and repair, and the replacement of end-of-life equipment that led to fuel savings.
- Electricity shows small net positive savings in 2025, while the campus achieved significant decarbonization goals, reducing campus emissions by 61%.

Climate Risk Mitigation

2025 Initiatives

Langara remains committed to mitigating climate change through environmental sustainability initiatives, building retrofits, the Student Sustainability Leaders Program, and the reaffirmation of our commitment to the United Nations Sustainable Development Goals. We continue to incorporate energy efficiency in our designs and ongoing upgrades. Our Sciences and Technology building received LEED Gold certification, making this the fourth LEED Gold building on campus.

Emissions Reduction Initiatives

Central Heating Plant Project

Construction of our central heating plant expansion, which serves all buildings on campus, began in October 2022 and was completed in May 2023. This initiative resulted in 25% gas savings compared to 2019. By centralizing and modernizing our central heating plant, we not only significantly reduce our GHGs but also create the opportunity to leverage additional renewable and clean energy technologies in the future, further reducing emissions.

Road To Net Zero – Electrification Roadmap

Canada has committed to achieving net-zero emissions by 2050; at Langara, we are well underway in meeting this target much sooner. 'Net zero' describes a state where greenhouse gas emissions produced are in balance with the greenhouse gas emissions taken out of the atmosphere.

Working with Prism Engineering, CleanBC, and BC Hydro, we conducted an electrification roadmap study for the campus to inform our next steps in reducing campus GHG emissions. The proposed electrification roadmap achieves a 75-95% reduction in campus gas use by 2027 and full electrification by 2030. Under the current financial climate, this is an aggressive target but will still serve as a stretch goal; we continue to refine priorities and align projects with renewal projects.

The College recently completed a large project related to our emissions reductions; this included the electrification of our domestic hot water from the central heating loop, including the repair and integration of our geothermal system in C Building. This supports further temperature reductions across campus, leading to additional savings from electrification and heating plant efficiency.

Final phases of the project will include continuing to upgrade end-of-life heating systems with low-temperature alternatives, exploring heat-recovery opportunities from the central chiller plant, and possibly adding an electric boiler or a heat pump.

Figure 10: Chiller for Geo-Thermal System/Domestic Hot Water with CO2 heat pump as lead

Electric Vehicle Charging Stations

The recent installation of an additional 10 electric vehicle charging stations in the library parkade brings the total number of charging stations to 46. This infrastructure allows us to collect carbon credits via the BC Low Carbon Fuel Standard, equivalent to $30,000 annually. We are also working with SFU and other B.C. post-secondary institutions on an EV Charging Alliance to expand EV charging infrastructure across the province and generate additional revenue for Langara. The work with the EV Charging Alliance has also highlighted additional federal funds under the Clean Fuel Regulations credit which should amount to approximately $70,000 to $100,000 per year and we are working with these institutions to plan the best approach to collect this additional revenue.

Active Transportation

Langara recently completed its third biennial transportation survey, which will inform continued action on Scope 3 emissions. The survey data will be used to quantify staff and student commuting emissions and support targeted engagement initiatives that encourage a shift toward lower-carbon transportation modes. In parallel, the College is actively collaborating with the Student Union and student sustainability leaders to revitalize the campus bike centre and promote active transportation through initiatives such as the *Go By Bike* campaign and other local events.

Figure 11: LSU Bike Centre Event – Supporting Students & Staff on Bike Maintenance

Other Sustainability Initiatives

Emergency Dashboard

We worked with our controls and mechanical consultants to develop and implement a real-time visual DDC dashboard for Security and Operations. The dashboard improves situational awareness by identifying critical building issues earlier than routine inspections, including leaks, abnormal equipment conditions, alarms, and ventilation-related concerns.

This initiative strengthens operational response, occupant safety, and climate resilience amid increasing risks posed by extreme weather events and wildfire smoke. Real-time monitoring and the ability to quickly adjust outdoor air rates are becoming critical operational and life-safety requirements as climate change continues to impact institutional infrastructure and building operations.

The dashboard is currently in the final commissioning, operations training, and system handoff phase.

Policy and Procedures

Sustainability procedures were updated and communicated to departments.

- We worked with our Purchasing department to implement new sustainable procurement procedures to ensure we reduce our environmental footprint with everything we buy as a campus.
- For pest control, we use a company called Humane Solutions founded by Langara graduates. They don't use pesticides on campus.
- Landscaping procedures were updated to require:
    - all-electric equipment from our vendors.
    - the replacement of all plants with local, native, and drought-tolerant plants.
    - watering only to establish plants. We also adopted Indigenous and drought-tolerant planting methods and efficient watering practices.

Hybrid Work

With work-from-home guidelines now built into daily operations, our Finance and Facilities departments launched a collaborative work pilot using Microsoft Places office booking software, which has **reduced the footprint of both departments by 40%.** This project continues to roll out this initiative to other spaces across the college to identify similar efficiency opportunities.

Sustainability Rating

We follow the Sustainability Tracking, Assessment and Rating System from the Association for the Advancement of Sustainability in Higher Education (AASHE STARS) and the UN SDGs in our sustainability efforts on campus. Working with our consultant, we have developed a Road to Gold action plan for Langara to achieve a Gold rating. We are currently Silver rated, exceeding our strategic plan goal to hit Bronze by 2025.

Waste Reduction

Responsible resource usage is a foundational principle for sustainability on campus. Over the past year, we have continued to find ways to reduce waste, including single-use items. Initiatives include:

- New reusable containers in our cafeteria by Friendlier help reduce single-use plastics on campus.

- Water refill stations around the campus to help eliminate the need for single-use water bottles.
- Reduced waste heading to the landfill by creating new streams for wood recycling, metal recycling, Styrofoam, organics, electronics, batteries, and cardboard bins, including a 10-stream recycling centre in our cafeteria for everyone on campus to access.

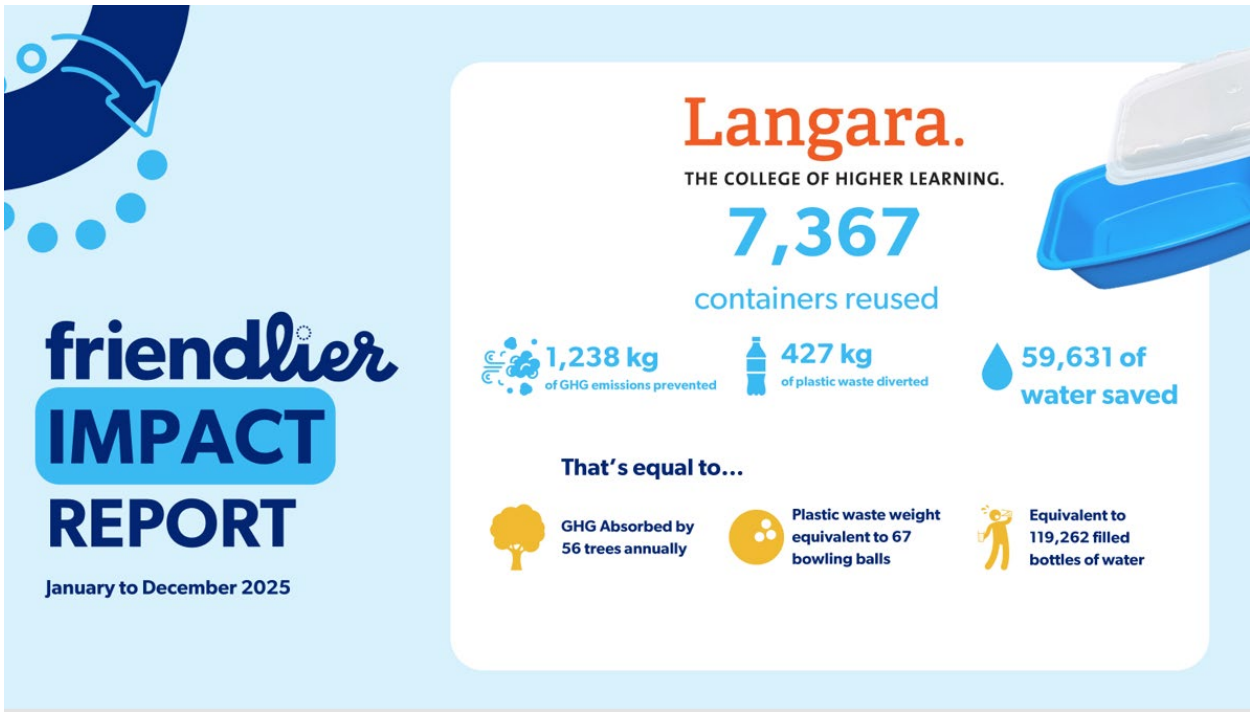

Figure 12: Friendlier Program Annual Impact Report

Local Food Sourcing

Langara College is a proud partner of Feed BC, joining fellow public post-secondary institutions throughout B.C. to ensure local, sustainable food is available now and for future generations. Feed BC is a Ministry of Agriculture and Food initiative to increase the use of local B.C. food in the public sector (health authorities, post-secondary, K–12). Specific goals include a minimum 30% local food buy, increased access for producers, and increased use of Indigenous and traditional foods. Langara has been a partner since 2021 and consistently meets our 30% targets.

- With Chartwells, our food services provider, Langara sources around 30% of its food from B.C. by buying locally sourced foods and supporting local food providers. Students and employees have access to safe, healthy, and diverse food options that reflect both the global representation on campus and the population's dietary preferences.
- Langara is also home to many green spaces, including a U-pick fruit garden, an accessible garden, a community garden, and five pollinator gardens that are used for pollinator research. One plot is dedicated for use by the Langara Child Development Centre as a way for children to learn about where food comes from at an early age.

Biodiversity

Langara's campus integrates a diverse network of gardens, naturalized areas, and green infrastructure that support biodiversity, climate resilience, and experiential learning. Pollinator gardens distributed across campus create ecological corridors for bees, butterflies, and other beneficial insects, while Indigenous-led spaces such as the Three Sisters garden and medicinal plant areas highlight principles of ecological agriculture and traditional knowledge systems.

Tree planting initiatives enhance shade, improve air quality, provide wildlife habitat, and act as carbon sinks as part of long-term climate adaptation. To enhance tree and plant growth, biochar is used as a soil amendment which promotes carbon sequestration, nutrient retention, water absorption, and microbial habitat. A campus wetland and integrated rain gardens and bioswales further strengthen resilience by storing carbon, managing stormwater, filtering pollutants, cooling microclimates, and supporting diverse species. Together, these features create interconnected habitats and outdoor learning environments that advance urban biodiversity, climate action, and community engagement.

Figure 13: Typical Pollinator Garden found across campus

Sustainability Literacy – Campus Tours

Langara has developed two complementary campus sustainability tours—focused on the natural and built environments—to strengthen sustainability literacy among students, staff, and the broader community. Delivered through sign-up sessions, these tours use short, place-based "micro-lessons" to build foundational knowledge, foster environmental stewardship, and deepen climate awareness through hands-on learning. The tours showcase campus initiatives such as pollinator and rain gardens, local food systems, low-carbon buildings, waste reduction, and active transportation.

Figure 14: Langara Fest Pollinator Activity/ Langara Fest Green Building Tour – T Building Rooftop Greenhouse

Applied Research

Supported by the Applied Research Centre (ARC), Langara is advancing sustainability and climate action through a suite of applied, community-engaged research initiatives that connect students, faculty, and external partners. In False Creek, Langara with financial backing from NSERC supports a multi-year biodiversity monitoring project using environmental DNA (eDNA) to better understand urban aquatic ecosystems, providing hands-on research opportunities while strengthening environmental stewardship and public awareness.

Complementing this, the "Turning Waste into a Resource" project demonstrates circular economy principles on campus by repurposing waste from drawing classes into new materials for ceramics and studio use, reducing resource consumption while showcasing sustainable artistic practices. The "Pollinator Pathways" project further expands Langara's impact through partnerships with local schools, engaging students in the design, installation, and monitoring of pollinator-friendly gardens that enhance urban biodiversity and create scalable models for school-based ecological initiatives.

In addition, Langara's Makerspace collaborated with the City of Richmond to upcycle waste denim fabric into a durable material suitable for upholstering. Taken together, ARC-sponsored projects like these touch on 16 of the 17 SDGs and highlight Langara's role as a Living Lab, integrating applied research, education, and community collaboration to advance climate resilience, resource circularity, and biodiversity conservation.

→ Earth Day: Langara students help uncover the hidden biodiversity of False Creek | Langara

Library Climate Action Group

At Langara, the Library Climate Action Group demonstrates the impact of staff-led initiatives in advancing sustainability, environmental stewardship, and community engagement. During Library Climate Action Week in Vancouver (Nov 1-7, 2025), the group organized a range of activities that promote low-carbon behaviours and circular practices, including creating art from recycled materials, community clean-ups, and donation drives such as collecting used eyeglasses for redistribution through charitable programs. These initiatives highlight how individual and collective actions can contribute to climate solutions.

The Library also supports sustainability literacy year-round through resources such as a dedicated Climate Action LibGuide and a free seed-sharing program, fostering ongoing engagement among students, faculty, and staff. Sustainability and the Library Climate Action Group recently partnered to launch a "Sustainability Hub" in the Library, serving as a central campus hub for updates on sustainability events at the College and in the local community, including the home of our Seed Swap.

Climate Action Week, hosted annually by the BC Library Association, underscores the role of libraries as community hubs that connect people, resources, and ideas to address shared climate challenges.

Langara Seed Swap

The Langara Seed Swap is a sustainability initiative developed by the Library Climate Action Group. It launched in the Spring 2025 semester and is located on the library's main floor, beside the east windows and the central staircase.

Figure 15: Langara Seed Swap Logo

Note: The winner of the Seed Swap Logo Design Contest is Vanessa Sapanta, a nursing student at Langara:
"I am in Langara's Nursing program going into my fifth semester next term (spring 2025). I live and grew up in North Van surrounded the forests and mountains where I developed a deep appreciation for nature. When I heard about Langara's Seed Swap, I thought it was a wonderful way to connect with others and to empower students to be more connected with nature."

We encourage Langara Community members to take and grow both vegetable and flowering plants to:

- Promote food security;
- Encourage biodiversity and the planting of native plant species;
- Create more green space;
- Help sustain pollinating insects, such as bees and butterflies;
- Create a community of shared knowledge with one another around gardening, seed saving and planting;
- To make positive change toward a more sustainable future in our local area and beyond.

Community members can visit the Langara Seed Swap to take some seeds or return a seed donation after harvesting their plants: → Welcome - Langara Seed Swap - Research Guides at Langara College

2025 Spotlight

Project Highlight: ENVS 2100 Living Lab Model at Langara College

Our **ENVS 2100 Environmental Studies course** used a **campus-based "living lab" model**, integrating sustainability education with real-world climate action on campus. The course aligns student projects with the **United Nations Sustainable Development Goals (SDGs)** while directly supporting Langara's own sustainability and climate commitments.

Over a 12-week term, students collaborated with faculty and Facilities staff to address practical challenges such as **wetland restoration, active transportation, waste reduction, and green space revitalization**. These projects delivered tangible environmental improvements while reinforcing classroom learning through hands-on experience.

A key feature of the program was its emphasis on **applied learning and cross-functional collaboration**, connecting students with operational teams and sustainability leadership. This approach enhances understanding of how climate initiatives are implemented in practice and fosters innovation by breaking down silos across the institution.

The program also contributes to **capacity-building and workforce development**, equipping students with skills relevant to climate action careers across sectors, including data analysis, design, and community planning. Students report increased confidence, practical problem-solving ability, and stronger engagement with sustainability issues.

By embedding sustainability into campus operations, ENVS 2100 demonstrates how post-secondary institutions can act as **living laboratories for climate action**, generating measurable local impact while preparing students to lead broader environmental change.

→ From classroom to campus: How Langara's ENVS 2100 turns sustainability into real-world action

2025 Spotlight

Project Highlight: Student Sustainability Leaders Program

Langara's Student Sustainability Leaders Program provides a flexible, student-centred approach to advancing campus sustainability while building practical skills and community connections. Designed around a Campus as a Living Lab framework, the program responds to strong student interest in applied, real-world learning opportunities tied to climate action.

In the most recent term, 19 student volunteers contributed approximately 150 hours to sustainability initiatives, demonstrating meaningful engagement despite competing academic and personal commitments. To support participation, the program prioritizes low-barrier, flexible involvement, allowing students to choose activities that fit their schedules and interests.

Participants engage in a wide range of hands-on initiatives, including:

- Food and pollinator gardens, supporting biodiversity and local food systems
- Active transportation campaigns, promoting low-carbon commuting
- Waste reduction and community cleanups, in partnership with Facilities and local organizations
- Energy engagement activities, contributing to Langara's Road to Net-Zero

The program also fosters community-building and peer learning through social and educational events such as meetups, workshops, and regional climate events. These activities strengthen connections across students, faculty, staff, and external partners, reinforcing sustainability as a shared, community-driven effort.

Overall, the Student Sustainability Leaders Program highlights how accessible, applied learning opportunities can empower students to lead change, build community, and advance climate action both on campus and beyond.

Plans to Continue Reducing Our Impact in 2025 and Beyond

Next year, we will continue reducing emissions on campus through operational initiatives, in particular, participating in BC Hydro's Continuous Optimization program, and capital upgrades.

Beyond direct emissions reduction projects, Langara has a strong commitment to sustainability that is more than operational; it is educational and transformational. By embedding sustainability into the core of our academic and campus life, we empower students and employees to become informed, responsible leaders. We will focus on culture and community connection, fostering an intentional approach to supporting all three pillars of sustainability, including environmental, social, and economic; these pillars guide sustainable development and influence our work on the UN SDGs.

Retirement of Offsets

Table 3: Langara College 2025 GHG Emissions and Offsets Summary

GHG Emissions created in Calendar Year 2025	
Total Emissions (tCO2e)	1,220
Total BioCO2	
Total Offsets (tCO2e)	1,220
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO2e)	
Grand Total Offsets for the 2025 Reporting Year	
Grand Total Offsets (tCO2e) to be Retired for 2025 Reporting Year	1,220
Offset Investment ($25 per tCO2e) *[Grand Total Offsets to be Retired x $25/tCO2e]*	1,220 x $25 = $30,500 + GST @ 5% = $32,025

In accordance with the requirements of the Climate Change Accountability Act and Carbon Neutral Government Regulation, Langara College (the Organization) is responsible for arranging for the retirement of the offset's obligation reported above for the 2025 calendar year, together with any adjustments reported for past calendar years (if applicable). The Organization hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (the Ministry) ensuring that these offsets are retired on the Organization's behalf, the Organization will pay within 30 days, the associated invoice to be issued by the Ministry in an amount equal to $25 per tonne of offsets retired on its behalf plus GST.

Executive Sign-off

Paula Burns

Dr. Paula Burns
President and CEO

May 26, 2026
Date

Disclaimer: Portions of this report were drafted with the assistance of artificial intelligence tools.