LAND ACKNOWLEDGEMENT

We acknowledge with

EXECUTIVE SUMMARY

Vancouver Community College (VCC) recognizes the importance of a healthy environment for both present and future generations. We have been dedicated to protecting the natural environment by minimizing our daily impacts and fostering a more sustainable community through our program offerings. Our goal is to demonstrate leadership and accountability in environmentally conscious decision-making acress 7.9 (le)Tr 1te7.e.3 (m (u)2.n)2m/MCI (c)8.0 612 79B9 (e)2IVm/MCI (c)8.E(a)2.7 (v)-2.rf cisr2 (a)2 (o)4.(e.3 (m (u)2)-1)2m/MCI (c)8.0 612 79B9 (e)2IVm/MCI (c)8.E(a)2.7 (v)-2.rf cisr2 (a)2 (o)4.(e.3 (m (u)2)-1)2m/MCI (c)8.0 612 79B9 (e)2IVm/MCI (

PLANS TO CONTINUE REDUCING EMISSIONS IN 2023 AND BEYOND

Expanding upon our accomplishments in (g u)-i7 ((o)1.2 (m)1.5 (p)-004 Tc I-i7 ((o)1.(n)-0.7 (17 0 RG6-004 T(MA)6.RG6-004 T(M

EMISSIONS AND OFFSET SUMMARY TABLE

Vancouver Community College 2022 GHG Emissions and Offsets Summary				
GHG emissions for the period January 1 - December 31, 2022				
Total BioCO ₂				
Total Emissions (tCO₂e)				
Total Offsets (tCO ₂ e)				
Adjustments to Offset Required GHG Emissions Reported in Prior Years				
Total Offsets Adjustment (tCO ₂ e)				
Grand Total Offsets for the 2022 Reporting Year				
Grand Total Offsets to be Retired for 2022 Reporting Year (tCO ₂ e)				
Offset Investment (\$)				

Re-Use and Re-Upholstery Program

VCC has taken steps to promote sustainable and fiscally responsible practices through its Furniture Re-Use and Re-Upholstery Program. By partnering with local reupholstery service providers, VCC can extend the life of its existing furniture inventory while reducing landfill waste and minimizing its impact on the environment. Refurbishing existing furniture allows VCC to create high-quality, customizable pieces. In addition to the environmental benefits, refurbishing existing furniture is a much quicker process than ordering new, which means less disruption and impact on academic and administrative operations.

E-bike charging stations

As part of its commitment to promoting sustainable transportation, VCC has implemented a range of initiatives to encourage cycling as a means of transportation on campus. Among these initiatives is VCC's first-of-its-kind e-bike storage and charging station, along with bike racks and other end-user services. These services include a commercial-sized air pump for tire inflation and a fix-it bike station equipped with tools for on-campus repairs and tune-ups.

2040 strategic vision for Vancouver. Furthermore, VCC's Contractor's Guide stipulates that contractors are responsible for disposing of their generated waste in accordance with VCC guidelines, ensuring proper waste management practices.

Organics

Organic waste generated at VCC is processed by Anaconda Systems or Surrey Biofuels at their composting facilities where it is turned into high quality soil supplements that are utilized in agricultural production.

Metals

Metal waste generated at VCC is sent to ABC Recycling in the City of Burnaby

Transportation Trades program

With industries shifting to adopt more sustainable, eco-friendly practices, education must undergo a similar transformation. For decades, VCC's Transportation Trades program has taught students how to service and repair vehicles and heavy-duty equipment. But if one thing is certain, it is that electric vehicle (EVs), and fuel cell electric vehicles (FCEVs) are the future of transportation as they reduce carbon emissions and air pollution. In 2022 the college acquired the Volvo ECR25 compact electric digger for student training. Students receive hands-on instruction in the operation, repair, and maintenance of FCEVs and EVs in addition to fossil fuel powered vehicles, as reported in the valuable, real-world training for the jobs of today and tomorrow.

Culinary and Commercial Services departments

These departments have successfully incorporated several sustainable practices and initiatives in



A CLIMATE ADAPTATION PROJECT

To communice the their light and production of Macon and Leaf Cutter bees

Did you know that VCC. The same of the local party of the local party

THE PROGRAM

Vaccinate four bee hotels that can be found in the courtvard of the Broady.

Summer and opinion and opinion and opinion and the summer and opinion a

the hotels annually to prevent the space of dise

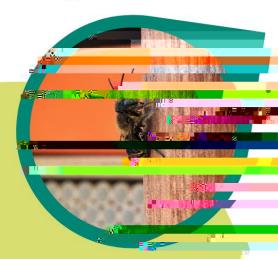
Mithout hees, our fondrystem. would be severed

THE CHALLENGES

spread of disease and the land of food and water sources are all the many ways, climate change is increasing the frequency and intensity if these challenges making it more difficult for our local bees to survive.

For example, in 20021 Vancouver experienced an increased and the presence of the improvement of the improvem

The following year VCC took action to reduction an abundance of flowers readily a stable we improved our irrigation systems, only while we the challenge was the challenge was

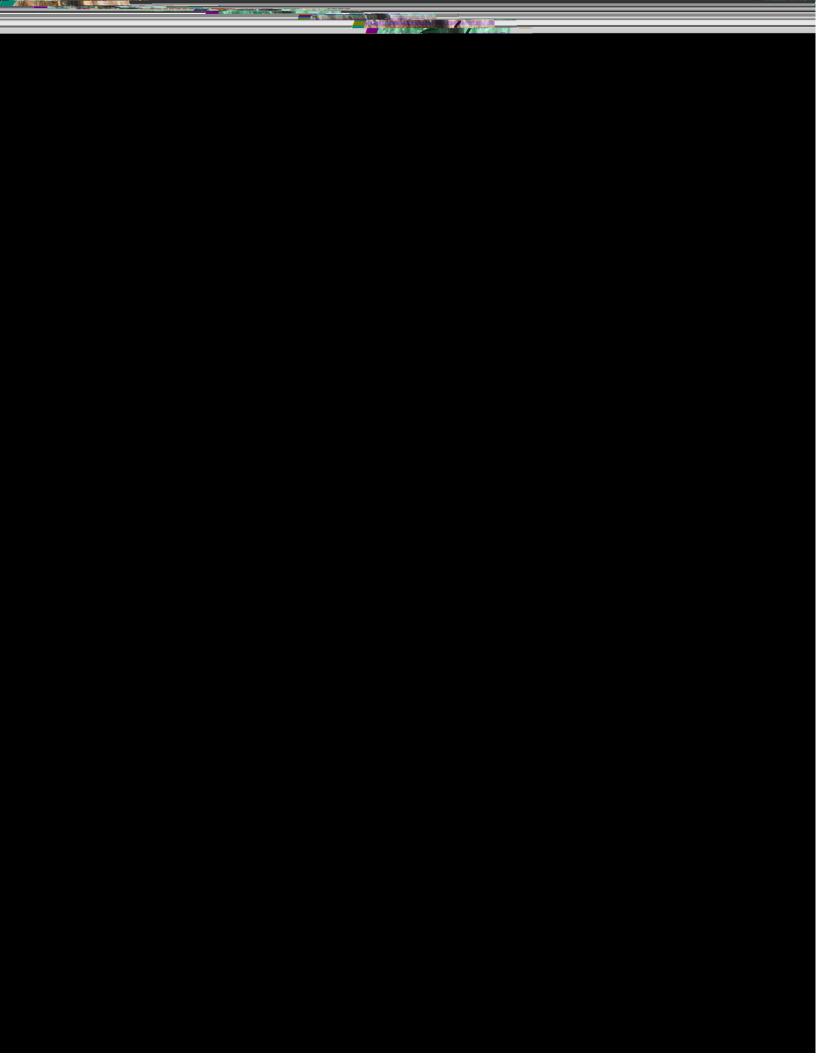


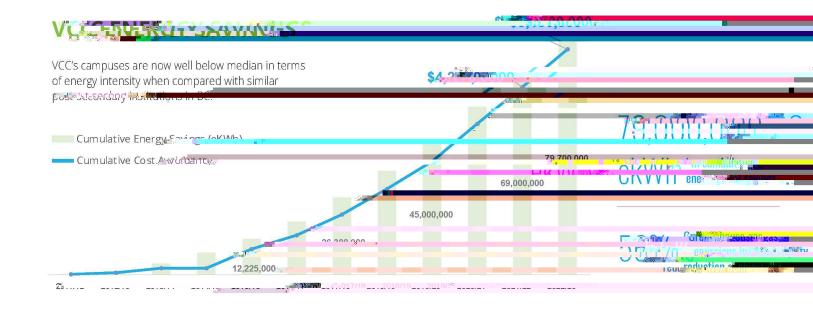
THE SOLUTION

Joselbee nopulations include

against the elements.

- Marting outdoor the fiperatures and environments during the spring and moving bee notes into a temperature controlled dark





Creating a culture of energy conservation

VCC has also worked to introgerate energy conservation and sustainability into the culture on campus. VCC is part of DC Hydro and FactionC's Energy Milliam Reprint on the consists of both published adaptive to the second of the consists of both introductions and private restances the consists of both introductions and an energy and an e

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the college rependent to the college rependent to the college rependent to the college reduction targets, VCC is product to the college reduction targets.

towards a greener **E**



Bundle Up



Did

If everyone atmediately lear down by just i we could reduce ce worth

VCC's 'Bundle Up' campagin una courages state to "heat your body held heating the room", to help avoid in easing indoor above 21°C during the colder months. The introduce this doesn't always work, as some workspaces were cobier transity of ade to the bulliand s heating systems. Shaded work accessals or present auchallenges individuals often have difference comfort levels white a can make ideal temperation for every the

but traditional space heaters consume but traditional space heaters work against the

For the past 8 years, the Facilities Team LENGUL haven with energy-efficient space neaters that consume of the date, they've provided nearly 180 units, which has red consignation from 1/40k/h +a 1020k/h/h *

These energy savings inspired the Management Operational Standard FM-01 Space Heaters, which aim to maximizeneriergy ffemoleficy, filiminize costs, feorocienemissidius, and increase the safety of building inhabitants

BY SAVING 1446 WHITE THE AMOUNT

FROM THIS INTERIOR EMISSIANTINO PPROUG 4000KM

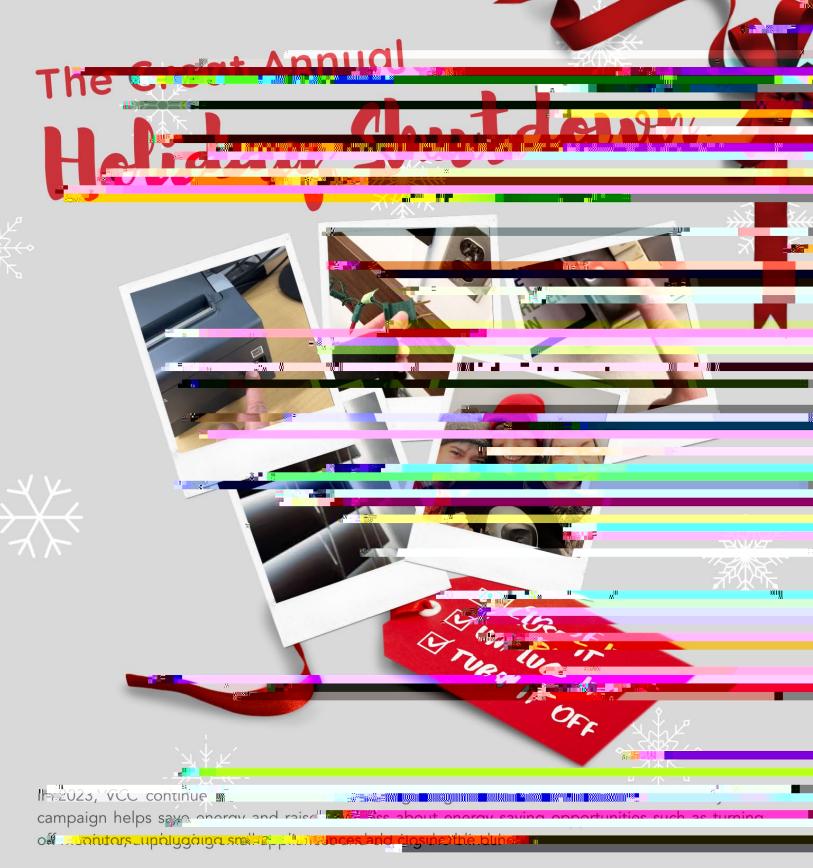
*Assuiring space heaters are used for 8 kus.

**USEPA Greenhouse Gas Equivalencies Calculato

Tradition and er in highes consultaming appliance

dround a second

MAY 2022 21



At the same time, the Facilities Team reduced heating and ventilation to all the buildings. These systems consume a large reducing visiting of energy and turning them off for the same time.

PARTICIPATE ACROSS 11 DITTERENT DEL ARTICIPATE.

