

ANNUAL REPORT 2021



envirocentre
Bringing environmental change to life



EnviroCentre is based in and operates on **unceded, unsundered Algonquin, Anishinabek territory.**

BRINGING ENVIRONMENTAL CHANGE TO LIFE



OUR MISSION

EnviroCentre's mission is to provide people, communities and organizations with practical solutions to lighten their environmental impact in lasting ways.

OUR VISION

Dramatic reductions in greenhouse gas emissions are achieved through inspired environmental action and positive change.

OUR VALUES

EnviroCentre is committed to the following set of values which help unite us and guide our actions each and every day.



CREATING CONCRETE CHANGE

Making change effective, tangible and relevant.



PULLING TOGETHER

Building strong relationships.



EXHIBITING A CAN-DO SPIRIT

Being approachable, positive and creative.



LEADING BY EXAMPLE

Living values, not just telling.



LEARNING EVERY DAY

Pursuing continuous knowledge, understanding and innovation.



This document is available in an accessible format. Please email us at communications@envirocentre.ca and we will be happy to send it to you.

LETTER FROM THE CHAIR & THE EXECUTIVE DIRECTOR

Dear friends and partners,

We are two years into this pivotal decade in climate action for our planet. In the midst of the continued global pandemic, 2021 saw destructive flash floods in Germany, China and Tennessee, and a Texas deep freeze that knocked out power for 4 million. Lytton, BC, was destroyed by fire days after hitting historic high temperatures. United Nations leaders met in Glasgow to talk climate solutions as emissions increased and set the world on track for a temperature increase of 2.4 degree Celsius. In California, this summer's drought was the most extreme on record, with July 2021 as the driest month since data gathering began. These are just a few examples of the extreme weather and climate shifts experienced globally this year. Climate change is well underway, so what are we doing?

In 2021, EnviroCentre's focus moved to building the partnerships and joint initiatives required to get things done, avoid wasted resources, and move climate action initiatives to scale in the near future. Our work continues to prioritize EnviroCentre's traditional approach, starting with practical action, here and now, but concurrently looking for projects that can grow in to wide-scale, inclusive initiatives with major impact across the region and beyond.

With this in mind, in 2021, EnviroCentre brought climate solutions to your doorsteps and driveways. We worked with Ottawa Community Housing Corporation (OCHC) to pilot a high-rise organics and waste diversion program, with great success. We developed and delivered Rain Ready Ottawa for the City of Ottawa, and we teamed up with local partners to develop a collaborative approach to promote Electric Vehicle (EV) uptake and test drives. We secured a contract to deliver energy-saving electricity measures to low-income households in Eastern Ontario, and we were proudly the first funded partner of the newly formed Ottawa Climate Action Fund (OCAF), supporting Ottawa's first residential retrofit pilot program, Future Homes Ottawa. We also dove in to support the City of Ottawa's roll-out of the Better Homes Ottawa Loan program, a program to support much-needed residential retrofits, and partnered to develop the one-stop retrofit portal 'Better Homes Ottawa.' Our active transportation team developed and launched the HOP! app to encourage school active transportation that is now poised to make the leap to province-wide reach.

In 2021, we strengthened our community connections by partnering on critical climate collaborations. Following the lead of some key local partners, we joined and participated in the OCAF and Ecology Ottawa-led Ottawa Climate Equity initiative, a project that partners climate and environmental action organizations with social equity organizations to improve the conversation and practice of inclusion in local climate action. We also participated in more than 15 stakeholder, consultative, and collaborative groups in the region on topics ranging from solid waste management to a national active transportation strategy, to regional development.



LETTER FROM THE CHAIR & THE EXECUTIVE DIRECTOR

Mindful of the pressing need for climate action now, and looking to the future, the EnviroCentre staff and board took the time in 2021 to build a framework approach for an EnviroCentre Strategic Initiatives Fund, leveraging resources accumulated from years of social enterprise work to invest for maximum climate impact. One of our first investments is Future Homes Ottawa Phase 2, in which we will partner with OCAF, the Ottawa Energy Collective, and others, to test a scalable approach to mass residential retrofits right here in town. We are also investing to grow our on-staff expertise in key action areas and build our strategic capacity to ensure we are the strongest and most versatile partner and delivery agent we can be. We are looking forward to opportunities in coming years to leverage our funds to support local partnership initiatives to scale, innovate, and accelerate our ability to rapidly reduce local emissions.

And, of course, in 2021 the EnviroCentre team worked tirelessly to build our capacity and reach, one of the best ways we can support local climate action. Our work in 2021 positioned us to move into 2022 nearly doubling our staff size, with three new major projects coming online, adding to our roster of 22+ projects. But as we get bigger, we are committed to also getting better. 2022 will see us placing a strong internal focus on Equity, Diversity, and Inclusion (EDI), strategic planning, knowledge-building, workforce inclusion, gap identification, as well as workforce well-being.

EnviroCentre's responsibility to our community is to support and deliver practical climate action initiatives that catalyze and achieve measurable emissions reductions and environmental improvements. We are looking forward to another year of making this happen in Ottawa.

Sincerely,

SUNDEEP VIRDI

Chair of the EnviroCentre Board of Directors

SHARON COWARD

Executive Director of EnviroCentre



BRINGING ENVIRONMENTAL CHANGE TO LIFE

WHAT CAN I DO?

One of the questions we and other environmental and climate action groups are commonly asked these days is 'What can I do?' In the early 2020s, many folks have moved beyond debating and denying the science into some kind of acceptance that climate change is well underway, and our global community of some 8 billion folks like you needs to take action. Ok, what action?

The news cycle teaches us that the only interesting truth is a new one, which means that if you are a reader or watcher of news, a follower of social media, or a listener of almost anything, you know that today there are thousands upon thousands of answers to this question. Critical thinking teaches us that people err, lie, and shape ideas for their own purposes, so you will also notice that many 'what can I do?'-oriented articles debunk an earlier one, turn an old practice on its head, or reveal a new, revolutionary take on the same question. (We do it. Sorry.) The result can be a fascinating but circular journey that ultimately seeds doubt about all the suggestions.

But one thing we know is that we need action now. So, what do we do? How do we sift through the advice, information, and misinformation and find our path? We've tried to address this question for you this year in a few ways. Our Green Beat newsletter always includes three practical tips for what you can do each week here in Ottawa. Our Green Room podcast keeps you up to speed on what some of our leading climate actors are doing to make a difference and what they think is needed most. We stream tips and tidbits across our social media channels every week.

But the truth is, what we think you can do is the same thing we've been encouraging for over 20 years, as true today as it was in 1999. It wouldn't make the news cycle, but it's good advice.



NET-ZERO YOUR HOME

45% of Ottawa's emissions come from buildings. We can cut those emissions by improving our homes to be energy efficient and electrifying them to draw on 100% clean energy. In broad strokes, we all need to do this by 2040, which means roughly 20,000 of us need to do it this year, and every year, until we're done. This is something you can do. This is something you can talk about with your friends, family, neighbours, landlords and City councillors and get them to do. You are not alone. **Check out betterhomesottawa.ca to learn more.**

BRINGING ENVIRONMENTAL CHANGE TO LIFE



ZERO-CARBON YOUR TRAVEL

Another 45% of Ottawa's emissions comes from transportation, largely our gas-burning single cars beetling around town to work, shop, and live. These trips need to go 100% electric or zero-carbon by 2050. That means your next car is electric. It means that the electrified public transit system Ottawa is struggling to build really matters. It means that any trips you can shorten, eliminate, or do via zero-carbon walking, rolling, or pedalling will make a difference. Today's lives in Ottawa are built around non-stop gas-powered journeys. Tomorrow's are not. You can do the work of figuring out how to zero-carbon your travel for tomorrow's world. You won't be alone.

Tips run in threes (our brains are wired for it), but action three is hard to choose because the remainder of Ottawa's emissions are divided across a wide range of important activities. Then there's biodiversity, resilience, habitat loss, and the global community's emissions profile to consider. What all these things have in common is the need for significant systemic change to shift the tide.

PUSH FOR SYSTEMIC CHANGE

So, here's what we suggest. When you are pondering the climate-damaging pieces of your life that you feel you can't fix (the mountains of plastic that come with all our food supplies, the questionable production methods behind your t-shirt and shoes, the habitat destruction associated with the beef in your favorite meal), focus on one and start to ask those who can make a difference to change their ways. You, one person, probably can't address every part of the big picture. We do literally nothing else over here, and we still just scratch the surface on a few big, local things. But you are not alone. One million Ottawa residents making their voice heard on one big climate issue is a big force for change.



SO, ENVIROCENTRE'S TOP ADVICE FOR LIVED DAY-TO-DAY CLIMATE ACTION RIGHT HERE IN OTTAWA IS DISTILLED TO THIS:



Examine and reduce your home energy use



Bring your **travel emissions to zero**



Push for systemic change in one area that matters to you.

YOU ARE A CLIMATE ACTOR IN THE MAKING. WE CAN DO THIS.

2021 IN NUMBERS



GREEN HOMES

- Conducted 626 pre-retrofit assessments and 204 post-retrofit visits for our Home Energy Programs
- Installed 60 smart thermostats — reducing natural gas consumption by ~17,000 m³ annually
- Retrofitted 167 older homes as part of our Home Winterproofing Program (funded by Enbridge Gas Distribution), resulting in natural gas savings of 131,576 m³ annually
- Conducted 143 pre-retrofit assessments and 99 post-assessments in Quebec through our partnership with Services Ecoplus



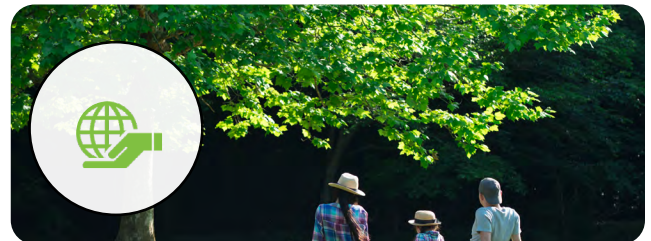
GREEN CITY

- Delivered 36 virtual cycling workshops to a total of 560 attendees
- Ottawa's 2021 Let's Bike Month had 2136 participants
- Hosted 4 pop-up EV Expos throughout the city and 6 Speaker Series events for Drive Green Ottawa over the course of a week
- School Active Transportation Planning installed 64 wayfinding signs for 16 schools
- Installed 1 demonstration rain garden in the Manordale Woodvale community
- Hosted 32 booths and outreach events reaching 850 residents to support waste diversion at Ottawa Community Housing Corporation (OCHC) communities



GREEN BUSINESS

- The Ottawa Green Business Hub added another new member to the network in 2021, which increased the number of staff reached through member organizations
- Delivered 3 events, a 2-part virtual speaker series, and 7 workshops/education sessions for Ottawa Green Business Hub members and the larger business community to 222 attendees
- Delivered 3 Let's Talk Green Economy workshops to 28 attendees, two for the Ottawa Green Future Talks series, and posted webinars online so that they are accessible to the general public
- The Ottawa Green Business Online program added 5 new members in 2021



GREEN LIFESTYLE

- Represent EnviroCentre as speakers in local events and activities reaching over 600 people.
- With the support of local environmental organizations and city councillors, EnviroCentre launched the Ottawa Green Future Talks series, which included 7 public events.
- 55 people signed up for courses through the new My Green Lifestyle online platform.
- EnviroCentre's climate action podcast, The Green Room, hosted 29 guests and had 3,008 listeners



ENERGY AUDITS

EnviroCentre provides many home energy audit services, also known as home energy assessments, throughout eastern Ontario. Energy assessments are comprehensive and detailed home inspections that focus on energy performance, indoor air quality, and occupant home comfort. Energy assessments provide homeowners with valuable information about their homes' energy efficiency and how to make improvements that reduce energy consumption and their carbon footprint. Energy assessments are conducted by Registered Energy Advisors (REAs), who collect energy performance data and process it through sophisticated energy modeling software to produce home energy ratings and educational reports. Energy assessments are the cornerstone of EnviroCentre's home energy programs.

As a result of the federal government's Greener Homes Grant initiative, we saw an enormous increase in the requests for assessments and were able to recruit and onboard five new REAs, with plans to onboard an additional 12 in 2022.

AFFORDABILITY PROGRAMS

2021 marked EnviroCentre's 15th year delivering the Enbridge Gas Home Winterproofing Program. This program is designed to assist low-income Ontarians in reducing their energy consumption and saving money on their utility bills. EnviroCentre's team provides intake and customer service support, performs pre and post energy assessments and manages all the direct installation of insulation measures – all free of charge to the customer. Through this work in 2021, we were able to serve over 160 residents in Eastern Ontario, and helped save 131,576m³ of Natural Gas.



PARTNERING FOR CHANGE

2021 was an exciting year that saw EnviroCentre continue to develop a variety of new and existing partnerships to expand our scope and reach and deepen our expertise in building science and home energy performance.

We partnered with Building Knowledge Group and VOLTA technologies on our Net Zero Stepped Recommendation Report, and we continue to explore opportunities to work with Envari Energy Solutions to implement a bulk buy program for Air Sourced Heat Pumps.

EnviroCentre also continued its presence in the home construction industry by participating in committees and focus groups with key regional and national organizations, including the Canadian Home Builders Association (CHBA) and the Greater Ottawa Home Builder's Association (GOHBA).



We continue to partner with and represent many highly skilled REAs and provide support, training, and business improvement opportunities. Our experienced advisors speak volumes about EnviroCentre's commitment and professionalism in the field of energy assessments.

NEW DESIGNATIONS

EnviroCentre's technical staff continues to seek new designations to stay current in the building science field. This year our REAs received training and certifications in both Net Zero for Contractors and Net Zero for Renovators. The team also participated in training to obtain certification in Energy Star for New Homes, a labelling program delivered by Natural Resources Canada. This initiative is designed to encourage energy efficient construction in new housing, which helps reduce greenhouse gas emissions.



FUTURE HOMES OTTAWA

This year, EnviroCentre and the Ottawa Energy Collective launched Ottawa's first neighbourhood residential retrofit project, Future Homes Ottawa, a project focused on increasing awareness of and participation in deep home energy efficiency retrofits. Funded in part by the Ottawa Climate Action Fund, this project works to engage the broader community and

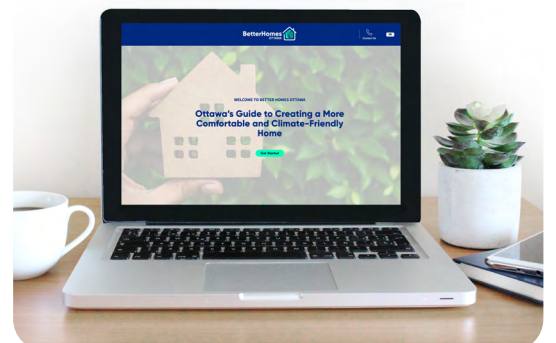
support the creation of neighbourhood deep retrofit demonstration projects at the homes of local residents. Through these projects, local folks can learn from their neighbours about the realities of a deep retrofit project and gain the confidence to take similar steps in their own homes.

BETTER HOMES OTTAWA

2021 saw the roll-out of the City of Ottawa, OCAF and EnviroCentre-funded Better Homes Ottawa program. Better Homes Ottawa is a one-stop resource for Ottawa residents to help them make their homes more energy-efficient and climate-friendly. The EnviroCentre-hosted Better Homes Ottawa website launched in November of 2021 to provide a tool that helps homeowners navigate their home energy retrofits. Through the site, homeowners have access to resources that share information on how, why, and where to start their retrofit projects for energy savings. The website shares information on programs, incentives, and rebates available for homeowners to access.

To achieve the City of Ottawa's emissions reduction targets, an estimated 98% of existing homes must undergo a deep retrofit by 2040. The Better Homes Ottawa website was launched to accelerate this process, educating homeowners about deep retrofits: what they are, and why it matters for Ottawa. The development of the Better Homes Ottawa website is supported by the City of Ottawa, the Ottawa Energy Collective, and OCAF.

And, of course, the Better Homes Ottawa website features the City of Ottawa's newly launched, Better Homes Ottawa Loan Program, delivered by EnviroCentre. The Loan Program is a pilot program where Ottawa residents can receive zero-interest or low-interest loans to complete home energy efficiency and resilience improvements. The program offers a 20-year payback period and a property-attached loan, making it easier, more affordable and lower risk for homeowners to complete energy efficiency improvements. The program launched to incredible local interest, and has not slowed since.





OTTAWA GREEN BUSINESS

This year, EnviroCentre rebranded our business services programs as Ottawa Green Business, with the aim to better align our brand with our mission of supporting Ottawa businesses in tackling climate change. We continued to offer online services where businesses receive digital resources to help them form their sustainability goals, build awareness of their environmental impact and how to reduce it, and engage their staff in the process. The easy-entry and low-cost online program meant more organizations could join Ottawa Green Business and start their sustainability journey, even mid-pandemic. The program saw 5 members join in 2021, including CP Business Solutions, KRP Properties, InitLive, CIRA, and Canderel.

The Ottawa Green Business Hub added one new member this year, CAA North & East Ontario, which services members in Ottawa, Sudbury, Thunder Bay, North Bay, and the surrounding areas. This new member employs 150 people, increasing the number of staff reached through member organizations of the Hub. The Hub hosted a virtual Speaker Series, with green business leaders like Carbon Neutral Cities Alliance and Rebel.com and held a successful virtual Day of Recognition featuring the City of Ottawa and TD Bank. Sustainability awards were presented to NVision Insight Group, Shepherds of Good Hope, and National Arts Centre for their climate action efforts in 2020.



LET'S BIKE MONTH

For over a decade, EnviroCentre has partnered with the City of Ottawa to celebrate and encourage low-carbon commuter cycling through our popular Bike to Work Ottawa campaign. In 2021, we continued to deliver virtual programming as we navigated the ongoing COVID-19 pandemic. This past year, we were able to transition back to having Let's Bike Month in the spring and held several virtual events over May, June, and July. The Let's Bike program continues to support our commuters, but also allows those who may be new to cycling cycle for leisure, or those who use their bike for general transportation to feel included and encouraged. In 2021 we had 2234 registered participants, 123 teams and logged over 195,000 km on our Let's Bike app. We successfully held 36 workshops and events in which over 500 people participated! We are looking forward to shifting Let's Bike Month back to an in-person campaign, with the potential for virtual programming, and supporting Ottawa's cyclists for many more years to come!



DRIVE GREEN OTTAWA

EnviroCentre kicked off National Drive Electric Week (September 26 – October 1) with the Drive Green Ottawa Pop-up EV Expo, a series of pop-up sessions at various local businesses. The main goal was to raise awareness among residents about the benefits of switching to EVs; understand the associated costs, rebates, and savings; showcase models and local resources. Participants in Drive Green Week were also able to take part in Drive Green Bingo, a fun activity that invited people to search for EVs and related infrastructure in their own neighbourhoods. Through partnering with the City of Ottawa, Hydro Ottawa, Electric Vehicle Council of

Ottawa (EVCO), Stuckless Consulting, and Enviri, we were able to offer a daily Speaker Series and an EV Q&A with EVCO through EnviroCentre's Green Room podcast.



SCHOOL ACTIVE TRANSPORTATION PROGRAM (SATP)

SATP advances active and sustainable transportation in Ottawa elementary schools by focusing on increasing the number of students who walk, wheel, or ride the bus every day. EnviroCentre works with Ottawa Public Health to deliver the program on behalf of the Ottawa Student Transportation Authority (OSTA) and the City of Ottawa.

Due to the COVID-19 pandemic, in-person support and events were greatly reduced from previous years. With parent, teacher, and school administration attention drawn toward the immediate needs of their families and communities, SATP pivoted from intensive support at our 12 SATP schools to developing resources for all schools. SATP created and installed 128 school wayfinding signs, showing 5 and 10-minute walking distances to 16 Ottawa schools.

The 2021 OSTA Transportation Survey showed that the majority of families at OCDSB and OCSB schools chose active and sustainable modes of transportation (walk, bike, school bus/van, public transit, Walk-a-Block, or carpool) to get to school in Fall 2021, with only 28% of families reporting driving all the way to school. As schools and families adapt to new routines and travel patterns, SATP continues to support them with fun and engaging resources.



HOP! APP

EnviroCentre developed the Hop! app in partnership with the Ottawa Student Transportation Authority as a tool to encourage children to walk to school. It is a bilingual, progressive web-app with interactive features that help children to choose walking first. Children use Hop! to track the kilometres they walk, while being motivated by engaging illustrations, group challenges, and milestones. Hop! allows children to see the positive impact walking has on the environment by telling them how much greenhouse gas they avert by walking instead of driving.



Since the launch of Hop! in October 2021, 235 walkers used the app to log over 2,000 kilometres and 1,000 trips to school and in their communities. Children from 68 schools across Ottawa are using Hop! to celebrate their steps, and EnviroCentre looks forward to expanding the app to make it more accessible to children and schools outside of Ottawa.

INTERNATIONAL WALK TO SCHOOL MONTH

International Walk to School (iWalk) Month is an annual celebration held in countries across the world each October to encourage active transportation at schools. EnviroCentre's SATP team supports Ottawa elementary schools by sharing resources to coordinate fun, safe, and engaging iWalk events. In fall 2021, iWalk events were held at 4 SATP schools, reaching 2,086 students and their families.



WINTER CYCLING

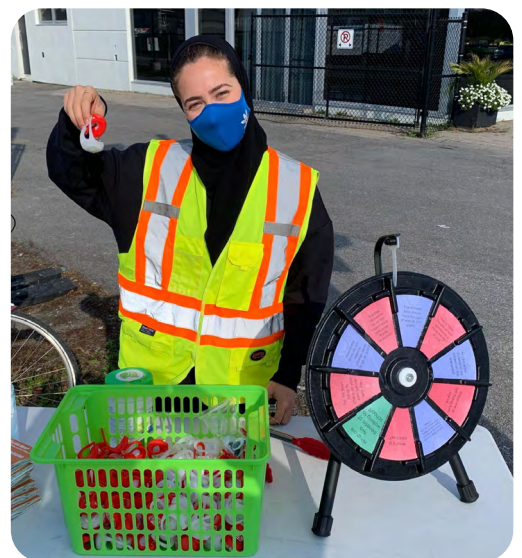
EnviroCentre celebrates and encourages Ottawa's year-round cyclists. Due to the ongoing challenges with COVID-19 we did not participate in any Winter Bike to Work Day activities in 2021. We continue to share tips and resources about winter cycling through our social media and dedicated webpage and have become a go-to resource for many municipalities and cycling groups for winter cycling information.

TRAVELWISE

TravelWise is a City of Ottawa program co-designed with EnviroCentre. The program's goal is to reduce the number of single-occupancy commuters travelling to Ottawa workplaces and is now delivered by EnviroCentre on the City of Ottawa's behalf. Due to COVID-19, the TravelWise program was put on pause until such time that public health guidelines and our City of Ottawa partners allow for re-engagement and supported commuter events and booths. Throughout 2021, TravelWise continued to be on pause though discussions with city partners have continued as we develop a plan to reframe the program to meet post pandemic commuting needs and challenges.

CYCLING SAFETY AWARENESS PROGRAM (CSAP)

The goal of CSAP is to expand the reach and personalize the message of the City of Ottawa's communications about new cycling facilities and important safety information for all road and pathway users. EnviroCentre's outreach and engagement staff work on behalf of the City of Ottawa when attending events or sharing information for this project. With COVID-19 and public health regulations continuing to affect our in-person outreach, this program was limited to only late season light distribution in some of Ottawa's more vulnerable communities. In total, 210 sets of lights were distributed to families who needed them. Other CSAP work included: signage support, consultation for new infrastructure, and most significantly acting as a co-applicant for the City of Ottawa's successful application to reinstate Ottawa's Gold Designation as a Bicycle Friendly City.



RAIN GARDENS

In collaboration with the City of Ottawa and the Manordale-Woodvale Community Association, EnviroCentre installed a demonstration rain garden at the entrance of the Manordale-Woodvale Community building. EnviroCentre and City staff worked with a local landscaping company to prepare the rain garden site. We also set up a "planting day" event where the community could contribute to planting the garden. The messaging throughout the event highlighted the importance of reducing lot-level runoff through stormwater management best practices, in particular via rain gardens and how easy they can be to install and maintain.

By working with volunteers, a connection between the community members and the rain garden was fostered. The community association was thrilled with the project, and on-going garden maintenance will be community-led.



RAIN HOME ASSESSMENTS

The City of Ottawa developed the Rain Ready Ottawa (RRO) Home Assessment Program, a pilot program that encourages and supports residents to take action on their property to reduce the harmful impacts of rainwater runoff. The home assessments are conducted by EnviroCentre's Residential Stormwater Assessment Specialists that have been specifically trained under Landscape Ontario's Fusion Landscape Professional Program model. In 2021, the program completed 115 home assessments as well as a large-scale assessment for a townhouse condo-complex. The enthusiasm for the project was wonderful and there are currently many people on the wait list for the 2022 assessment season. We are looking forward to the next year of RRO Home Assessments as we help residents discover and take action on their property to reduce harmful impacts of rainwater runoff.



OCHC WASTE PROGRAMS

EnviroCentre was contracted by OCHC to implement waste diversion projects in their communities. In five low-rise communities the project focused on resident engagement through education and outreach strategies. Overall, in 2021, EnviroCentre staff engaged with nearly 550 OCHC residents. By working with the City of Ottawa, OCHC property managers, staff, and residents, these projects also prioritized upgrades to infrastructure that improve accessibility, comfort, and use.

For the high-rise pilot project, EnviroCentre planned, coordinated, and provided outreach and engagement activities to more than 264 OCHC residents in order to implement organics collection facilities at four high-rise buildings. Since the complete implementation of organics collection and upgrades to the waste diversion facilities at the first building (Nepean Place), we have seen a 21% decrease in garbage, a 300% increase in paper recycling, and a 400% increase in glass/metal/plastic recycling. In addition, participation in the new organics diversion program saw an estimated 100kg of organics diverted in the first month. EnviroCentre is proud to be working with OCHC on these projects as they demonstrate leadership in their commitment to finding solutions to the complex challenge of organics collection, specifically at high-rise communities across the city.



GREEN ROOM

EnviroCentre launched the Green Room in May 2020, to stay connected with our community, and feature the work that organizations are doing across the country to fight climate change. In 2021, we shifted to the podcast format, and hosted 29 guests and had 3,008 listeners across YouTube, Instagram and podcast apps.

OTTAWA GREEN FUTURE TALKS

The 2021 Ottawa Green Future speaker series was a series of workshops held throughout the year that explored how we can affect a sustainable future in all aspects of our lives: work, home, and daily activities. With the support of our co-sponsors (EcoEast, Good Choice Initiative, Ottawa Tool Library, Efficiency Canada, Ecology Ottawa, Sustainable Eastern Ontario, Peace & Environment Resource Centre, Zero Food Waste Ottawa, Councillor Catherine McKenney, and Councillor Mathieu Fleury), EnviroCentre hosted 7 events and engaged 75 people.



SPEAKER EVENTS

Every year, the EnviroCentre team speaks at community and public events, bringing awareness to climate action and promoting the mission of the organization. These events provide a platform for us to meet many more people in the community and expand our reach. This year's events included a class presentation with the Telford Business Management Program and a takeover of the SMARTNet Alliance monthly Green Drinks social, which convened 60 participants each. We also participated in Ecology Ottawa's EcoGala and contributed to a Home Energy Audits webinar with SMARTNet Alliance, reaching over 500 local residents.



MY GREEN LIFESTYLE

EnviroCentre's online learning platform, My Green Lifestyle, encourages and empowers Ottawa residents to take action against climate issues in their own daily lives. In 2021, thanks to the support of the Algonquin College Interactive Media Management Program, we re-designed the platform to enhance its potential and provide courses in both English and French. Thanks to funding provided by the Ontario Trillium Foundation,

we ran a free and facilitated Your Green Home course for 55 participants. 118 people attended My Green Lifestyle live webinar workshops.

SOME OF OUR PARTNERS AND FUNDERS THIS YEAR

OTTAWA ENERGY COLLECTIVE (OEC)



In 2017, local agencies came together to form the Ottawa Energy Collective, whose aim was to address a local transition to low-carbon energy through a multi-stakeholder approach, including 60 local stakeholders representing eight sectors. The work of OEC focuses on residential building stock retrofits, encompassing five action pillars, one of which is the Existing Buildings Pillar, led by EnviroCentre. In 2021, EnviroCentre partnered with OEC to launch the Future Homes Ottawa program and bring deep residential retrofits to Ottawa neighbourhoods.

OTTAWA CLIMATE ACTION FUND (OCAF)



In 2021, EnviroCentre was the proud first recipient of funds from the newly formed Ottawa Climate Action Fund. These funds supported the Future Homes Ottawa program, a neighbourhood deep retrofit pilot project, in partnership with the Ottawa Energy Collective. Throughout 2021, we continued to partner with OCAF to promote regional progress on climate, including participation in the Ottawa Climate Equity group, and the development of a regional approach to promote EV adoption.

CITY OF OTTAWA



EnviroCentre is proud to work with the City of Ottawa to provide engaging and highly effective community outreach for sustainability programs. We provide education and encouragement around cycling, active transportation, stormwater management, and workplace commuting support through various programs. This year we worked closely with the city to support the development and launch of the Better Homes Ottawa program and became the delivery agent for the new Better Homes Ottawa Loan program, supporting residential retrofits and the reduction of residential emissions.

GREEN ECONOMY CANADA (GEC)



GEC is a national organization that works with community organizations like EnviroCentre to launch and grow Green Economy Hubs across Canada. Green Economy Hubs, including EnviroCentre's Ottawa Green Business, work with local businesses to set and achieve sustainability targets. Since 2016, we have been happy to work with GEC to expand and improve business sustainability across Canada.

ASSOCIATION OF FRANCOPHONE COMMUNITIES OF OTTAWA (ACFO)



In 2021, EnviroCentre received a second Bilingual Ottawa micro-grant, aimed to increase recognition of Ottawa's bilingual character, to promote Francophonie, and foster the collective interests of the francophone community across the City of Ottawa by investing in concrete projects designed by and for the community. EnviroCentre received this grant to increase our program offerings and communications in French.

SOME OF OUR PARTNERS AND FUNDERS THIS YEAR

ONTARIO TRILLIUM FOUNDATION (OTF)



OTF is an agency of the Government of Ontario, and one of Canada's leading granting foundations. OTF awarded \$108 million to 629 projects last year to build healthy and vibrant communities in Ontario. In 2021, EnviroCentre received a grant from the Resilient Communities Fund to bolster our organization's services during COVID-19

OTTAWA CLIMATE EQUITY

EnviroCentre participated in the Ottawa Climate Equity initiative, a program of the Ottawa Community Foundation funded in part by Environment and Climate Change Canada, and jointly led by the OCAF and Ecology Ottawa. The aim of this initiative is to convene Ottawa-based environmental and social inclusion organizations and to foster relationships built on trust, common values, and shared priorities that will lead to increased collaboration on climate action.



GREEN COMMUNITIES CANADA



This year EnviroCentre was happy to reconnect with our partners and friends at Green Communities Canada, with whom we are able to share knowledge and support the world of organizations like ours across Canada. We were also happy to partner with Green Communities

Canada on the HOP! app, and as we begin work on a 2022 Depave project to remove asphalt in a community space and replace it with a garden or green space.

OTTAWA STUDENT TRANSPORTATION AUTHORITY (OSTA)



OSTA
Ottawa Student
Transportation
Authority

OSTA is a key partner for our work in encouraging active transportation to school. This year we created a suite of booth resources (tent, flags, handouts, interactive props, etc.) to prepare for getting back into our school communities post- COVID. OSTA also supported the HOP! app with matching funds, as well as in-kind time and promotion. Of significance, we analysed and reported on the first ever OSTA student

transportation survey (2020) which looks at transportation habits for OCDSB and OCSB families. This survey was re-deployed again for 2021.



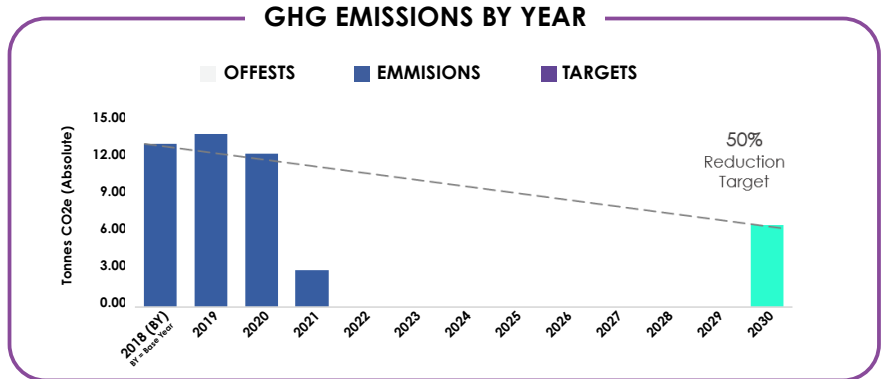
EnviroCentre has hundreds of partners, funders, sponsors, collaborators, and supporters in the community. A huge thank you to all of them for their support this year.

SUSTAINABILITY REPORT

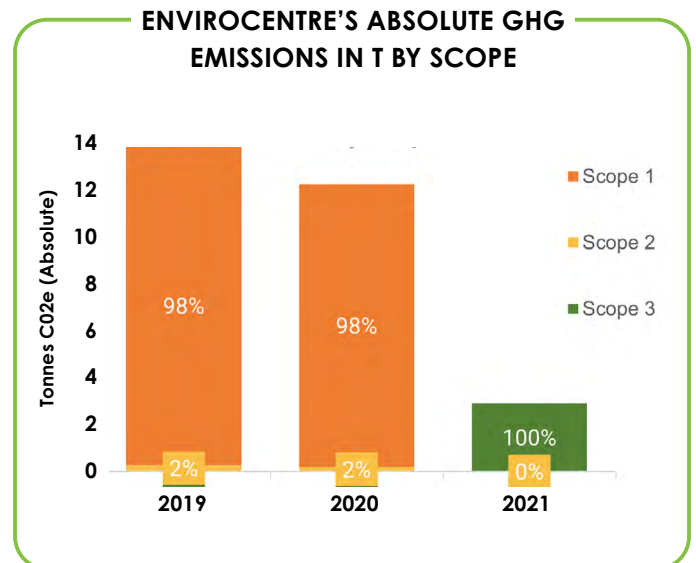
EnviroCentre takes great pride in the individual actions of its staff in reducing our environmental impacts as an organization. We focus on energy, transportation, and waste as metrics to track our impact annually in our workspace. We also make efforts in our individual lives to reduce our impact in hundreds of ways.

EnviroCentre shifted to working from home during the COVID-19 pandemic lockdowns and realized the sale of our office building in 2021. This resulted in the brunt of EnviroCentre's footprint shifting from an office building, which was owned, to emissions related to telework. As a result, we achieved a 76% drop in total emissions down to only 2.9 t CO₂e allowing us

to exceed our original goal nine years early. It is important to note two aspects though a) Our emissions from transportation were already minuscule in previous years as all our staff are highly motivated and encouraged to use all means of sustainable transportation. b) We are only at the beginning of a journey to understand how to account for telework emissions. The scientific literature in particular points out rebound effects and changes to previous behaviour patterns producing systemwide impacts. In the worst case, these effects can negate the emissions saved from telework!



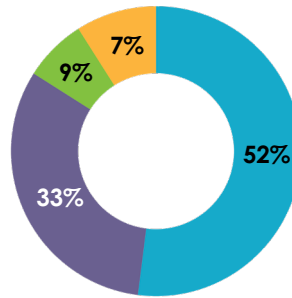
The following graphs shows the emissions source with the big switch from scope 1 (direct emissions, mostly gas heating) and 2 (indirect purchased emission such as hydro) to scope 3 (indirect other emissions, i.e. upstream/downstream emissions) as of this year (telework is accounted for under scope 3). We are only calculating incremental emissions from telework in line with a white paper (EcoAct, 2020) with modifications to estimate the overall staffs' emissions based on a small sample of staffs' utility bills. The GHG protocol's technical guidance allows for estimates in the absence of measured data. Tracking data from 16 staff on such level of detail is coming with its own challenge and we are still in the process of establishing a methodology that balances accuracy vs. efficiency. 99.6% of the staff's emissions derive from heating with gas, the rest from hydro.



Initiatives going forward will focus on reducing energy use in staffs' home offices, sharing our experience with a switch to telework, accounting for procured services including contractors, and procuring remote workspaces that have a low GHG impact.

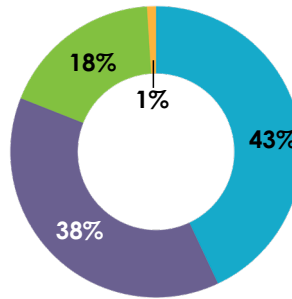
FINANCIALS

REVENUES	
Energy Programs	52%
Community Sustainability Programs	32%
Other Income	7%
CEWS Funding	9%
TOTAL	100%



- Energy Programs
- Community Sustainability Programs
- Other Income
- CEWS Funding

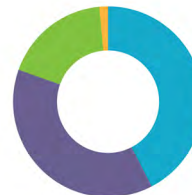
EXPENDITURES	
Energy Programs	43%
Community Sustainability Programs	38%
Corporate and Communications	18%
Other	1%
TOTAL	100%



- Energy Programs
- Community Sustainability Programs
- Corporate and Communications
- Other



- Energy Programs
- Community Sustainability Programs
- Other Income
- CEWS Funding



- Energy Programs
- Community Sustainability Programs
- Corporate and Communications
- Other

REVENUES	in thousand \$
Energy Programs	\$1,058
Community Sustainability Programs	\$665
Other Income	\$134
CEWS Funding	\$188
TOTAL	\$2,044

EXPENDITURES	in thousand \$
Energy Programs	\$832
Community Sustainability Programs	\$747
Corporate and Communications	\$355
Other	\$29
TOTAL	\$1,962



This document is available in an accessible format. Please email us at communications@envirocentre.ca and we will be happy to send it to you.



envirocentre
Bringing environmental change to life

ENVIROCENTRE.CA

@ENVIROCENTRE