

City of Charlottetown
**ENVIRONMENT &
SUSTAINABILITY**
REPORT

2021




CHARLOTTETOWN
Great things happen here.





Woven throughout all of the Environment & Sustainability (E&S) Department's initiatives in 2021 was an intention to facilitate a connection with nature and the environment. This type of connection provides a solid foundation for increasing awareness of the risks associated with climate change at both a local and global level. It also serves as a protective factor against some of the strain caused by the COVID-19 pandemic - with nature providing a safer space for people to gather with one another, or to simply explore and appreciate in solitude.

Understanding the intensifying potential for climate change to impact resident's daily lives has led the City to develop programming and policies that will enhance community resilience as well as sustainability. For example, in 2021, the City offered free home flood assessments to 100 households; the living shoreline project reinforced a section of our vulnerable coastline using natural materials; and we expanded the community vegetable planter program to increase resident's access to free, fresh produce.

Despite the ongoing challenges we are facing as a community, we continue to see an inspiring level of engagement from residents. I am sincerely thankful that residents prioritize the protection of the natural environment and view our natural assets as those that are most valuable.

kindest regards,

*Councillor Mitchell Tweel,
 Chair- Environment and Sustainability Committee*

ENVIRONMENT & SUSTAINABILITY STANDING COMMITTEE



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 Vice Chair



Julie McCabe
 Member at Large



Greg Rivard
 Member at Large



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TABLE OF CONTENTS



COMMUNITY SUSTAINABILITY BUDGET & FUNDING AWARDS

Page 3



ENERGY & CLIMATE CHANGE

Page 4-6



SUSTAINABLE TRANSPORTATION

Page 7-8



URBAN FORESTRY & NATURE

Page 9-10



COMMUNITY & CULTURE

Page 11-12



WATER & WASTEWATER

Page 13-14



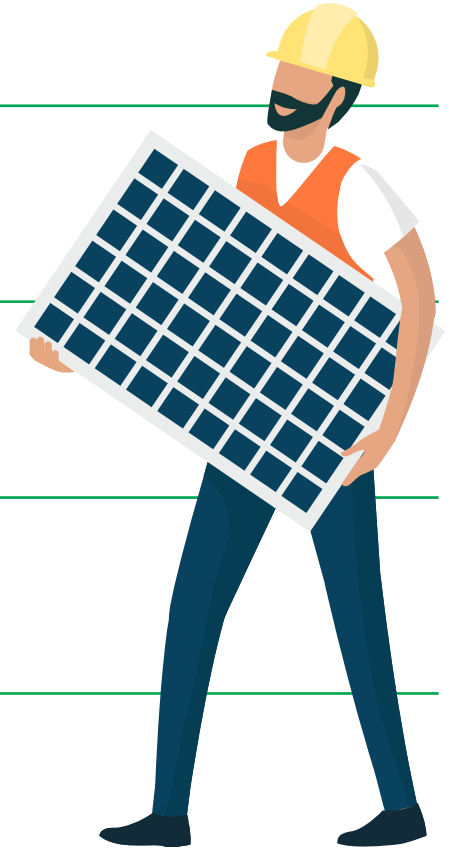
FOOD

Page 15



WASTE

Page 16

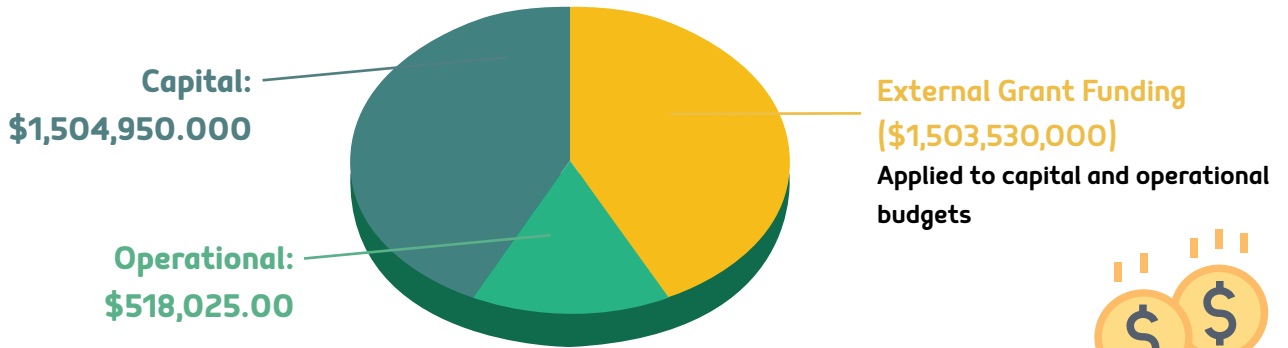


City of Charlottetown Community Sustainability Budget and Funding Totals

Total Community Sustainability Budget: \$3,526,505.000

★ 42% of the Community Sustainability budget was acquired through external grants

*E&S staff were successful in 14 external grant applications in 2021



City of Charlottetown Environment & Sustainability Department Grant Funding Totals:

\$1,503,530,000
Applied to Community Sustainability budget

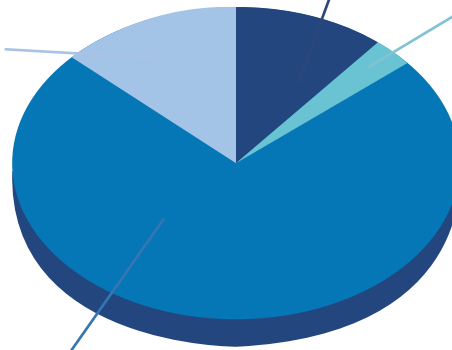
\$410,225.000
Applied to internal and external partner's budgets

\$1,806,685.81



Transit* Funding

*budgeted separately from overall Community Sustainability budget



\$10,010,000.000

capital loan at 0% with a grant to cover 43% of total loan amount (FCM Community Efficiency Financing Fund, multi-year funding)



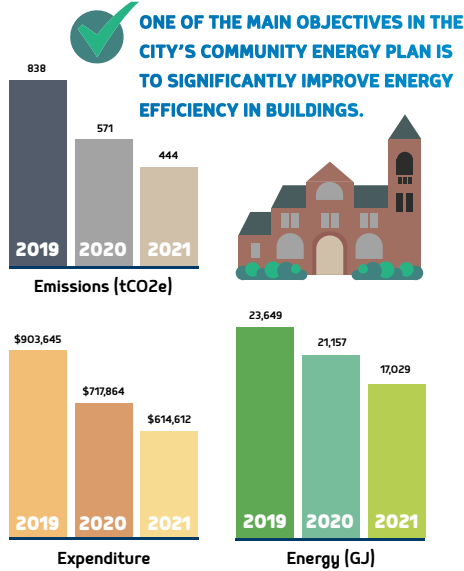
Thank you to the following funding partners for their contributions:

- Atlantic Canada Opportunities Agency (ACOA)
- ClimateSense
- Eco Canada
- Federation of Canadian Municipalities (FCM)
- Government of PEI
- Infrastructure Canada
- Natural Resources Canada
- TD Canada Trust

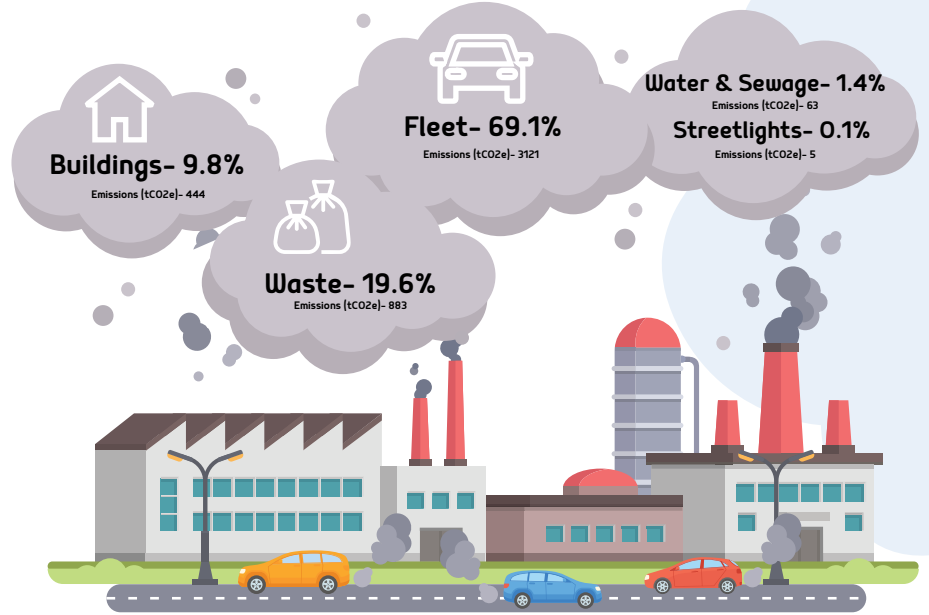


Improving energy efficiency, converting to renewable energy sources and reducing dependency on fossil fuels are key components of community sustainability. Each year, the City of Charlottetown is making progress toward its energy goals and seeking opportunities to enhance our resilience to mitigate and adapt to the impacts of climate change.

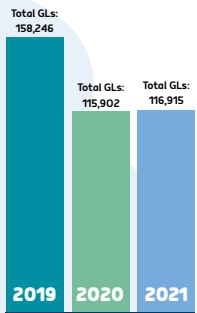
CORPORATE BUILDINGS



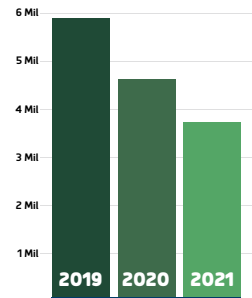
CORPORATE GREENHOUSE GAS EMISSIONS BY SECTOR (tCO₂e)



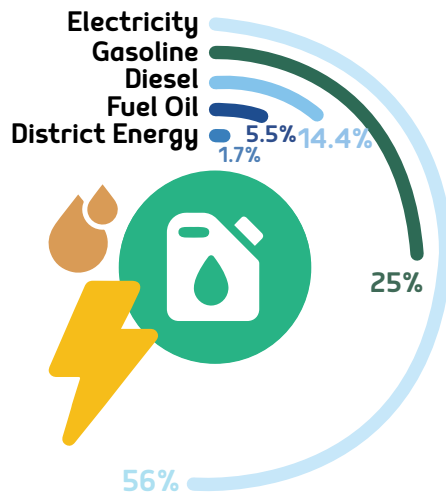
CORPORATE ENERGY CONSUMPTION



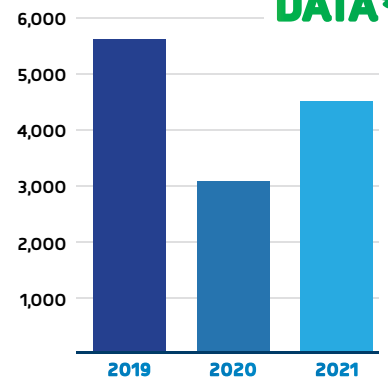
CORPORATE ENERGY EXPENDITURE



ENERGY BY SOURCE



TOTAL CORPORATE GHG INVENTORY DATA*



- The COVID-19 pandemic impacted overall corporate energy data in 2020 due to resulting changes to operations – such as a reduction to essential services and many staff working from home for extended periods.
- Prior to 2021 all unmetered lights were counted as ‘streetlight’ data. 2021 reporting provided a more accurate picture of streetlight data.
- In 2021, the wastewater treatment plant completed a major expansion.
- IWMC manages all ‘waste’ on PEI and there is no municipal waste management. The waste data doesn’t reflect true value of waste produced and is a best estimate that is increased each year to account for population increase.



For more information click here!

\$650,000



- Windows and/or doors- 11%
- Insulation- 13%
- Solar PV- 22%
- Heat Pump/HRV- 46%

FINANCED IN ENERGY UPGRADES

Switch Charlottetown, a new home energy upgrade program administered by PACE Atlantic CIC, was introduced in 2021. Switch offers 0% interest loans for home energy upgrades.

- 200+ residents have joined so far
- 100+ home energy assessments completed

A breakdown of the type of home energy upgrades completed by Charlottetown residents who have accessed the Switch Program

BETTER HOMES NEIGHBORHOOD ENERGY PROJECT

The pilot project, in partnership with efficiencyPEI, provided enhanced energy efficiency program support and education to participants

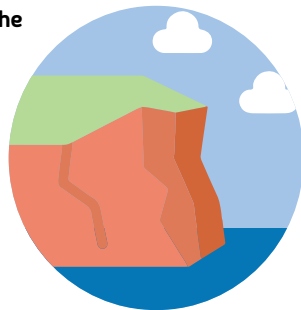
- 41 households participated
- \$45,000 worth of energy efficiency rebates claimed by participants so far
- Participating households 2X more likely than non-participants to complete energy efficiency upgrades offered by efficiencyPEI
- Participating households 4X more likely to complete home insulation upgrades than non-participants

For more information, visit charlottetown.ca/betterhomes



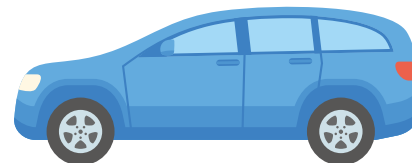
LIVING SHORELINE PROJECT

Coastal erosion is a major climate change related concern in Charlottetown and on all of PEI. This project used nature-based techniques to fortify a 75 m section of shoreline along the banks of the Hillsborough River near the Queen Elizabeth Hospital. The living shoreline is a novel approach to climate change adaptation to protect vulnerable coast from coastal erosion. This project was completed in partnership with the PEI Watershed Alliance and the Province of PEI.



ANTI-IDLING POLICY:

In November 2021, Charlottetown City Council passed a resolution to adopt an 'Anti-Idling Policy' pertaining to City vehicles. All City vehicle users must turn off their engine if they intend to idle for more than 60 seconds. Failure to abide by this policy can lead to restrictions on City vehicle use.





FACILITY LIGHTING UPGRADES

Municipal facilities have now completed LED lighting upgrades. The facilities that received a full LED upgrade in 2021 include: Fire Hall #1, Police Station, Cody Banks Arena, J Elmer Blanchard Building, Hillsborough Park Community Centre and the Bell Alliant Centre with the exception of the aquatic area. These upgrades will reduce maintenance in these facilities, reduce operational costs and GHGs associated with electric usage.

BUILDING ENVELOPE IMPROVEMENTS

A facility's building envelope is crucial in its overall efficiency. The following facilities underwent building envelope improvements in 2021: Bell Alliant Centre, Eastlink Centre, Sherwood Community Centre, and Fire Hall #1.



EQUIPMENT UPGRADES

Heat pumps, HVAC replacement, and electric water heater installations are examples of equipment upgrades in facilities that improve the overall energy efficiency of the building. The following City-owned facilities received equipment upgrades in 2021: Police Station, Hillsborough Community Centre, and the City Works Garage.



MAJOR BUILDING OVERHAUL

The City's Planning Department building underwent a major overhaul in 2021 to improve its functionality and energy efficiency. Renovations included: HVAC system upgrade, roof replacement with insulation and r-value increases, and the installation of an electric water heating system for the building.

CLIMATESENSE INTERNSHIPS

The City of Charlottetown hosted two climate sense interns in 2021, this program helped provide work experience for two post-secondary students - Quinn Howard and Abhishek Pokharel, and build capacity within the City for responding to the impacts of climate change. Quinn Howard worked on Planning & Policy during her internship and Abhishek Pokharel worked on Infrastructure Resilience.

ENERGY PERFORMANCE CONTRACT

Honeywell Energy Solutions Group has developed a comprehensive retrofit program for the City of Charlottetown. The program found opportunities to redesign or upgrade inefficient heating systems and envelope components in 22 facilities, including City facilities, the Bell Alliant Centre and the Eastlink Centre. An Energy Performance Contract was signed with Honeywell to implement energy efficiency upgrades in these facilities. Honeywell will guarantee the energy savings and resulting cost offsets for the City reported in the study.

NET-ZERO CITY WORKS GARAGE

In 2021, work began on a new 2,300 square foot Net-Zero City Works Garage facility that will include service bays, offices and workshops for the Parks and Recreation and the Water and Sewer Utility Departments. The entire building's heating and electrical consumption will be minimized and offset using ground-source (geothermal) heat pumps and on-site photovoltaic renewable energy. This building will be the first of its kind in Charlottetown and is in keeping with municipal and provincial targets for overall carbon neutrality.



Greenhouse gas emissions from the transportation sector are a major contributor to climate change. In 2021, the City of Charlottetown made significant advances in this sector by investing in active transportation and public transit infrastructure. The implementation of a robust EV charging network as well as community-level efforts to promote cycling enjoyment and safety have made it easier than ever to choose sustainable transportation options in Charlottetown.

6km OF ADDITIONAL PAVED MULTI USE PATHS

The 6km in new multi-use paths include the 2.3km completed section of Phase 1 of the bypass multi-use path extension, a 2.5km* paved multi-use path in East Royalty, and a 1.2km* paved multi-use path in West Royalty.

*Sections of paved multi-use path completed by the Government of PEI and will be maintained by the City of Charlottetown.



17 NEW BIKE RACKS

installed in Charlottetown in 2021. Five installed through the bike rack cost sharing initiative at local establishments and 12 installed on City property.



\$2,302,444.00 IN ACTIVE TRANSPORTATION SPENDING

This spending was included in Environment & Sustainability, Parks & Recreation, and Public Works budgets and were put towards new active transportation lanes, upgrades to existing paths, intersections, the addition of cycling signage and various cycling education and infrastructure projects.

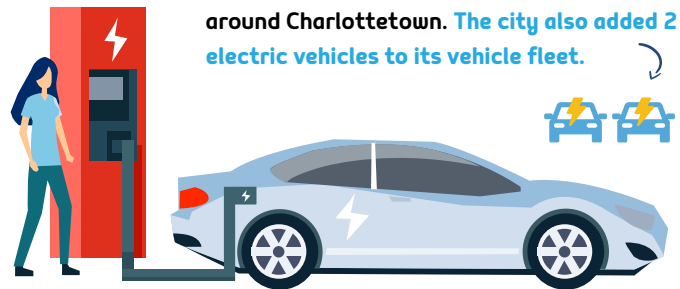


NEW BUSES

In 2021, the City purchased eight new buses to add to the existing T3 Transit fleet. There are now 14 buses in regular operations to serve riders in Charlottetown, Stratford and Cornwall.

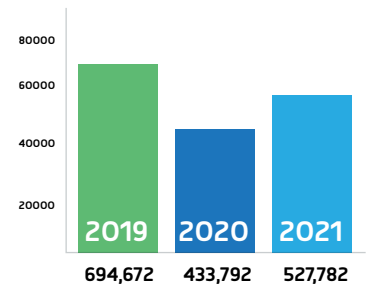
19 PUBLIC LEVEL 2 EV CHARGING STATIONS

around Charlottetown. The city also added 2 electric vehicles to its vehicle fleet.



TRANSIT RIDERSHIP:

The COVID-19 pandemic has impacted ridership levels for the public transit system with 2020 seeing the first ever decline in ridership numbers since the implementation of the transit system. 2021 has seen a promising rise in ridership statistics from the previous year, but they have not returned to 2019 levels yet.





BIKE WEEK

In 2021, Bike Week featured a number of virtual and in-person events. Some highlights included family cycling training, an all ages and skill levels friendly group mountain bike ride on the City's Acadian Forest trails, Bike to Work and School day, and a heritage exhibit displaying historical cycling photos taken in Charlottetown.

SAFETY IMPROVEMENTS AT KEY LOCATIONS

Community feedback from the 2019 Let's Talk Cycling Pop-Up Series continues to result in municipal infrastructure updates. Intersections and sections of road that have been identified as problematic for cyclists and pedestrians have been prioritized by City staff. In 2021, improvements were made at various locations across the City to enhance the visibility and safety for those using and crossing the road.



CYCLING SIGNAGE

With the help of CyclePEI, key locations that would benefit from the addition of cycling related signage were identified. The City installed new cycling signage on roads and on existing trail networks to provide useful safety cues for motorists and cyclists traveling on city streets and multi-use paths.



BIKE MAP UPDATES

Improvements to the City's existing Bike Map were made to incorporate all of the City's land area and roads on the map, and to include the new bypass, and Hillsborough bridge active transportation connection. Check out the updated bike map at charlottetown.ca/bikemap



PROSPECTS FOR 2022

- **E-Bikes:** The E&S department hopes to proceed with the purchase of 4 e-bikes to add to the City's fleet as a pilot project to determine how they can be used operationally to reduce corporate GHG emissions.
- **Phase II & III Bypass Multi-Use Path Extension:** Phase II will extend the path to Brackley Point Road and is expected to be completed in 2022. Phase III, the final phase, will connect the path to the Confederation Trail crossing at Mount Edward Road.



Urban forests provide residents with many benefits. Aside from their sheer beauty, trees are essential for moderating air temperatures, absorbing pollution, creating oxygen, supporting local wildlife and pollinators, and much more. Each year, the City completes its urban forestry programs to protect, maintain and enhance the tree canopy and natural areas. Engaging residents in the maintenance and growth of the urban forest on public and private lands is essential to the sustainability of Charlottetown.



Check out the public tree inventory for more information!

TREE INVENTORY: 11,576

- 9,283 City owned trees
- 1,301 private trees
- 987 trees jointly owned with the City (on property lines)
- 5 trees unknown ownership



TREE INSPECTIONS:

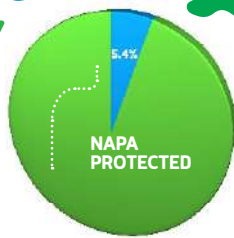
1,788 to assess tree health and safety. completed by City staff in 2021

TREE PLANTING: 1,117

total # of trees planted in 2021

20.91% TREE CANOPY COVER

5.40% protected area under the Natural Areas Protection Act (NAPA).



DUTCH ELM DISEASE (DED) PROGRAM

- Currently monitoring 559 elms in Charlottetown every year (256 on City property)
- 540 elms removed due to DED since 2015
- Seven elms with DED removed in 2021
- 32 trees treated with fungicide to prevent DED in 2021



9.5km TRAIL WORK

9.5KM of trails mapped through GIS project to understand public use of trails in two of the City's largest natural areas, Victoria Park and Acadian Forest. There are a total of 40KM of multi-use trails connecting the City.

MUNICIPAL NATURAL ASSETS INVENTORY:

1,719 

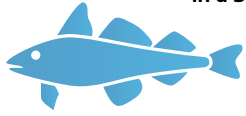
1,719 individual natural assets identified, including forests, wetlands, grasslands, shrublands, and agricultural land. Covers 1,362.95 ha. 684 (39.81%) assets in "Fair" or "Good" condition.



Check out the City's Natural Asset Inventory online!



167 RARE AND ENDANGERED SPECIES

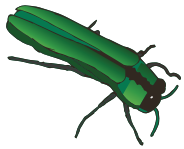


In 2021, the Environment & Sustainability Department acquired data on rare and endangered species in Charlottetown and in a 5KM buffer around the city. This inquiry identified 169 rare and endangered species within the study area.

FLORA (Plant Life) - The study area contains 94 vascular and 2 nonvascular flora

FAUNA (Animal Life) - The study area contains 54 vertebrate and 19 invertebrate fauna

This data will help guide where species protection and natural area management should be prioritized ¹.



URBAN FOREST MONITORING PROGRAM TO IDENTIFY AND MANAGE INVASIVE PESTS

The urban forest monitoring program to identify and manage invasive pests continues to monitor closely for the harmful Emerald Ash Borer. The City has identified 647 ash trees on City property and has installed 10 EAB monitoring traps through a partnership with CFIA. Thankfully, we have not identified any of EAB in Charlottetown yet.



COMMUNITY ENGAGEMENT & CONNECTION TO NATURE

- 'Forest bathing' outings (walking meditations) in Victoria Park urban forest with over 50 participants
- Continued delivery of the Nature Education Program reached over 120 children & youth in 2021
- Weekly self-guided environmental activities offered in Victoria Park all summer
- Added signage to the Victoria Park Arboretum to identify native trees and wildflowers
- Cycling PEI, along with area residents, worked in the Acadian Forest to improve trails and planted native trees and shrubs to improve the forest.



PROSPECTS FOR 2022

- **Victoria Park Trail Plan Implementation:** In 2022, the City will finalize the trail plans for Victoria Park and the Acadian Forest.
- **Phase II Tree Canopy Assessment:** Phase II of the tree canopy assessment will focus on identifying plantable spaces where the City can plant more trees and continue to grow the urban forest.
- **Urban Forest Report Card:** Complete an urban forest report card to look at how the City is performing in terms of urban forest management and where improvements are needed. The report card will score the City's work in areas of urban forestry such as tree planting, tree maintenance, outreach and education, private tree protection, disease and pest management and tree data tracking.
- **Best Management Practices:** This project, working with Urban Forest Innovations, will look into successful urban forest practices happening in comparable cities and towns that might be able to be adopted by the City of Charlottetown to improve our operations.

¹ Atlantic Canada Conservation Data Centre. 2015. Data Report: 5991: Sandy Cove, NS. Retrieved: 12-09-2021



The City works to support the arts and strives to provide year-round cultural activities and experiences for residents. Charlottetown operates as an open and transparent government and encourages community engagement in government operations and policy.

#1

BEST COMMUNITY TO LIVE

Charlottetown tied with Halifax, NS as the **#1 Best community to live in Canada in 2021 according to Maclean's magazine.** Charlottetown clinched the top spot based on a number of criteria ranging from health to weather. Internet access, amenities, and population growth contributed to our success, as did community engagement and significantly lower infection rates through the COVID-19 pandemic.



ASHIBETSU, JAPAN PARTNERSHIP

The City's Municipal Partnership with Ashibetsu, Japan was marked in 2021 through 14 cherry tree plantings adjacent to the boardwalk extension on Terry Fox Drive. The pathway will be officially dedicated during the next student cultural exchange to Charlottetown.



MICRO-GRANT PROGRAM

In 2021, the community sustainability program funded eight local projects. Since its launch in 2011 this program has allocated more than \$150,000 in funding to 84 community led-projects that help contribute to the achievement of City's sustainability goals!



ROOTED IN ART

In 2021, the City selected Island artists to install six art exhibits directly connected to six specific municipal trees in Charlottetown. A self-guided tour was developed to lead participants along an accessible 1.7 km loop to each installation. The tour gave participants the opportunity to see trees through the artists' eyes and learn more about the trees that inspired the installations.



CIVIC EVENTS & RECREATION PROGRAMMING

The City continued to successfully navigate the evolving public health restrictions and was able to safely offer a full schedule of free celebrations and recreation programming, albeit in a somewhat re-imagined context.





AWARDS

The City of Charlottetown was the recipient of the Communities in Bloom Municipal World WinterLife Award in recognition of efforts and involvement in engaging the community with indoor and outdoor activities to celebrate winter.



SPOTLIGHT ON ART

- Launched its first outdoor photo exhibition which featured the work of 20 local artists.
- Partnered with Immigrant and Refugee Services Association PEI on a diversity and environmental themed outdoor mural in Robin Hood Park.
- Partnered with Art in the Open for walkable, outdoor art displays in Victoria Park during the art festival. The Art in the Open festival celebrated its 10th anniversary.
- Showcased live theatre returned to the stage at Confederation Centre of the Arts.

SUSTAINABLE EVENTS TRAILER

In 2021, the City introduced the Sustainable Events Trailer, which contains mobile bike racks, signage and waste sorting stations. These materials are intended to enhance the sustainability of events hosted in Charlottetown. The Sustainable Events Trailer is used for municipal events and is also available for loan to local organizations and groups that are hosting events in Charlottetown.



#1 SPORT EVENT HOSTING

Charlottetown was also designated the #1 sport event hosting destination in the country for populations less than 50,000 and #6 overall in Canada, regardless of population.

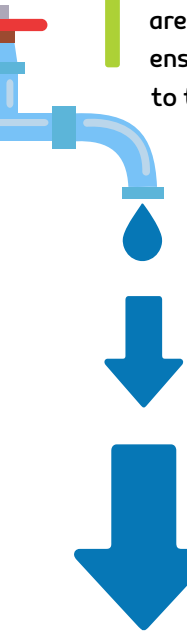


PROSPECTS FOR 2022

- **Public Art Policy:** The Charlottetown Arts Advisory Board (AAB) undertook a significant project in 2021 working with a consulting firm to develop a new Public Art Plan for Charlottetown. The AAB also welcomed back the Charlottetown Arts & Culture Awards and struck a new partnership with the Charlottetown Film Festival to see their award winners recognized during the ceremony.
- **New Library:** The City of Charlottetown has been involved in the development of a new 32,000 square foot library in downtown Charlottetown which is set to open in the summer of 2022. The plans include a café, accessible washrooms, and a maker space where patrons will be able to access a 3D-printer. There is also a recording studio, a test kitchen, designated areas for staff, and numerous spaces for meetings and programming.
- **Canada Games:** In 2022, excitement will continue to build as PEI prepares to host the 2023 Canada Winter Games. Charlottetown will be abuzz with the Opening and Closing Ceremonies, Athletes' Village, Cultural Festival and hosting of several sports. The City announced a \$1.8 million partnership in June 2021 which will also see a number of infrastructure projects completed.



The City's sustainable future hinges on our ability to conserve and enhance the ecological health of watersheds which are paramount for stormwater management and climate change resilience. Conserving our precious water resources and ensuring access to clean, quality drinking water for all residents for generations to come is of the utmost importance to the City of Charlottetown.

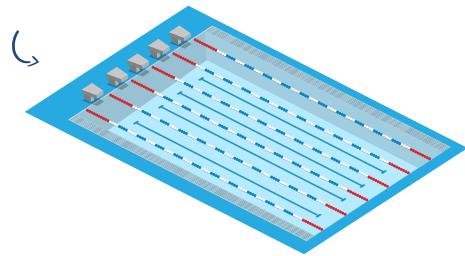


1.05% LESS WATER EXTRACTED in 2021 than 2020



5.9 billion LITRES OF WATER EXTRACTED and pumped to Charlottetown residents and businesses by the Water & Sewer Utility. That is the equivalent to 2,363 Olympic swimming pools!

8.8% REDUCTION in water consumption over the last 10 years (since 2011) despite population increases of approx. 10,000 residents over that same time period.



200 RAIN BARRELS SOLD

The City's annual rain barrel sale continues to be a success. In 2021, the City sold 200 rain barrels to residents. Each rain barrel has the capacity to capture 55 Gallons/208 Litres of stormwater. The sale of and installation of 200 additional rain barrels = an increased stormwater capacity of 11,000 Gallons/ 41,600 Litres.

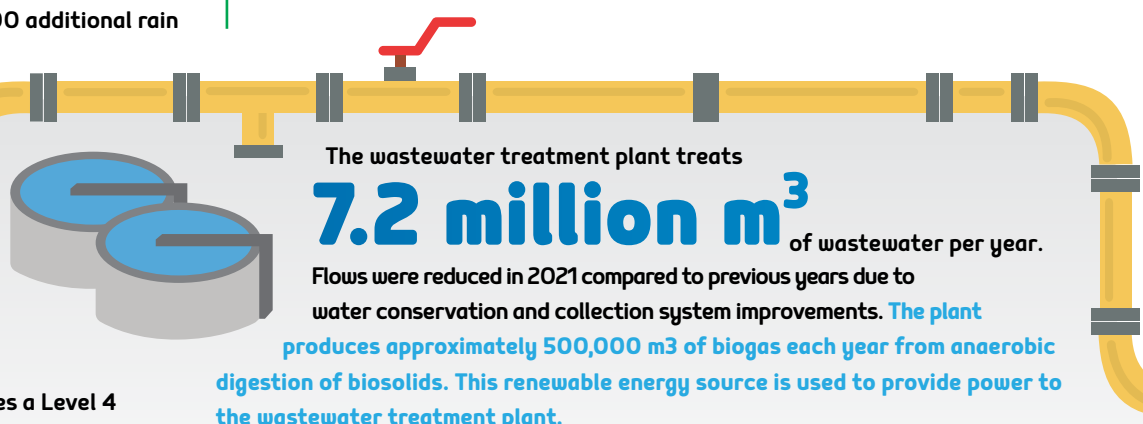
3 NEW WATER FOUNTAIN/ REFILL STATION

installed in municipal facilities in 2021. There are a total of five water bottle refill stations in City facilities with plans to install more in 2022. The City facilities that have water bottle refill stations are: the Public Works City Garage, Police Station, West Royalty Community Centre, Hillsborough Community Centre, Fire Station 2.



WASTE WATER

The City of Charlottetown operates a Level 4 wastewater treatment plant which recently underwent an expansion to accommodate additional wastewater from the Town of Stratford.



The wastewater treatment plant treats **7.2 million m³** of wastewater per year.

Flows were reduced in 2021 compared to previous years due to water conservation and collection system improvements. The plant produces approximately 500,000 m³ of biogas each year from anaerobic digestion of biosolids. This renewable energy source is used to provide power to the wastewater treatment plant.

4000 TONNES of biosolids produced annually at a 22% dry solid concentration. These biosolids are used for agriculture purposes (non-food crops) to improve soil quality in the fields.





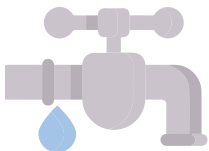
PAPERLESS BILLING

In the summer of 2021, the Water and Sewer Utility switched to paperless billing! 10% of water and sewer customers have registered for paperless billing so far and there are plans to increase this to +50% in 2022.



ECOLOGICAL POND STUDY 2021

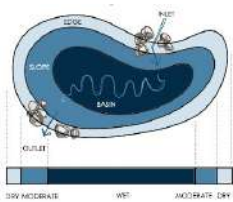
The City has worked in collaboration with the Holland College Environmental Applied Science Technology program to monitor the ecological health of 11 ponds and one creek in Charlottetown. 2021 marked the fifth year of the pond study.



FIX-A-LEAK WEEK

During Fix-a-Leak Week in 2021 (March 15 - 21) Charlottetown partnered with Stratford and Cornwall to host Fix-a-Leak Week Contests. Residents of the three municipalities had the chance to submit a photo showing someone in your household fixing a leak or demonstrating water-saving habits at home. The grand prize winner received a low flow toilet, other prizes included: a low-flow bathroom faucet, a low-flow kitchen faucet, and water conservation kits.

https://www.youtube.com/watch?v=gcPjc_EkPKO



RAIN GARDEN GUIDE

The City of Charlottetown produced an informative guide detailing how residents can build a rain garden using native plant species and enhance stormwater management on your property with this functional and attractive garden. View the [Rain Garden Guide for Charlottetown Residents](#) on the City's Website.



RESILIENT HOMES, PARKS AND PEOPLE (RHPP)

100 households in Charlottetown were invited to participate in a free home flood risk assessment and rebate as a part of this pilot program. Through this pilot, 11 home flood risk assessments were completed and \$6,056.79 in rebates were issued to enhance the flood resilience of those households.

The City of Charlottetown hosted a RHPP speaker series on the following topics: Reduce Your Risk of Home Flood Damage, Building a Rain Garden at Home, Climate Change and Flooding Risks in PEI, Nature Based Stormwater Infrastructure for Homes, Communities and Cities and Navigating Home Flood Insurance. 90 people tuned in to the speaker series presentations and the presentation recordings were also made available to be watched at the viewer's convenience.



PROSPECTS FOR 2022

- **Flood Protection Rebates:** The City has submitted an application to Intact's Municipal Climate Resiliency Grant program to start a rebate program to help homeowners install, repair or enhance their sump pump systems for flooding resiliency.
- **Living Shorelines:** The City will continue to monitor the QEH Living Shoreline site with the help of its partners and investigate the possibility of a nature-based solution for the Queen Elizabeth Park shoreline.
- **Water Fountains and Refill Stations:** More fountain/refill stations will be installed in municipal facilities and in a busy park to help encourage residents to use reusable water fountains and to stay hydrated.
- **Water School:** The Charlottetown Water School is Back! The city is once again partnering with the Town of Stratford to host Grade 5 students for an exciting field trip where the students will learn all about the water cycle and how to conserve water at home through exciting hands-on activities.



The City of Charlottetown aims to promote local food production and procurement, improve food security, reduce food waste and use the culinary assets of the community to connect locals and visitors with food.

3 NEW COMMUNITY VEGETABLE PLANTERS

were added in the City in 2021. **There are now 25 veggie planters in parks around Charlottetown.** This initiative encourages residents to help themselves to the fresh produce grown in the planters in an effort to increase access to healthy food for all.



FOOD COUNCIL

The Charlottetown Food Council is made up of eight community members working to improve Charlottetown’s food system and includes representatives from the non-profit, production, processing, distribution, policy, and health sectors. In 2021, the Food Council undertook a strategic planning exercise that set priorities for the remainder of their term.

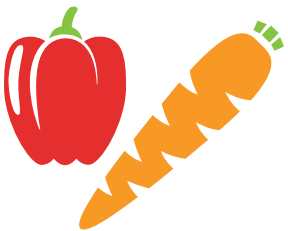


FOOD - 2021 PROJECT HIGHLIGHTS



BURLY FARMER WORKSHOPS

In the Spring of 2021, a youth-focused workshop to learn about growing food was held in Orlebar Park in partnership with the Burlly Farmer.



COMMUNITY GARDEN APPLICATION

The City is seeking community champions to develop new community gardens in Charlottetown. As a result, a Community Garden Application form was launched. This form provides an avenue through which residents can apply to start a new community garden on City land and outlines both the financial and in-kind support available from the City. The application form can be found at www.charlottetown.ca/urbanag



PROSPECTS FOR 2022

- **Food Recovery Network:** In partnership with Farm & Food Care PEI, the City has received funding from the provincial Climate Challenge Fund to launch the Food Recovery Network. This project will strive to reduce food waste associated greenhouse gas emissions and promote food security in Charlottetown. The year-long pilot project will help divert surplus food from producers, wholesalers, and retailers to local organizations, such as food banks and soup kitchens.
- **Sustainable Procurement:** The City is working to incorporate sustainable practices into the organization’s procurement processes. This initiative will prioritize fiscal responsibility while also aiming to achieve beneficial environmental and social outcomes through the purchasing decisions made by the City. The intent of the project is to introduce policy, an action plan, and various tools to assist staff and Council with implementing these procedures.
- **Municipal Policy Review:** The Charlottetown Food Council is working on a municipal policy review. The intent of this review is to identify opportunities to support and facilitate a stronger food system through the amendment or implementation of municipal policy.



All waste on PEI, including municipal waste in Charlottetown, is managed by the Provincial Crown Corporation [Island Waste Management Corporation \(IWMC\)](#). The City of Charlottetown works closely with IWMC to engage residents and businesses on the topic of waste reduction. Single-use plastic waste reduction has been a focus of the E&S Department in recent years and has resulted in a review and update of events guidelines, a public survey, and social marketing campaigns.

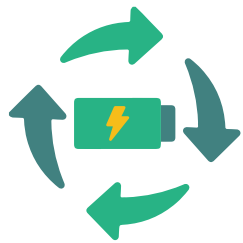


WASTE - 2021 PROJECT HIGHLIGHTS



WASTE REDUCTION WEEK

For the second year in a row Charlottetown participated in this national initiative aimed at promoting waste reduction. Each day of the week is given a different theme related to waste reduction and the City and participating partners offered a coinciding feature. Examples include discounts at second-hand stores and on the Charlottetown Tool Library memberships, a curbside giveaway day, food waste presentations, and a virtual film screening of 'Plastic is Forever.'



CALL2RECYCLE DROP-OFF CENTER

In 2021, **17.8 kilograms of batteries were recycled through the Call2Recycle** used battery drop-off centre at City Hall. Residents are invited to continue to drop-off their used batteries in the receptacle located inside the main entrance of City Hall.



PROSPECTS FOR 2022

- **Single Use Plastic Reduction Initiatives:** The City of Charlottetown hopes to revisit some of the single-use plastic reduction initiatives that began in 2019 such as the 'Bring it Charlottetown' campaign and booth, the [Sustainable Events Manual](#)/[Food Vendor Guidelines](#), and the Sustainable Events Trailer.
- **Fix it Fair:** This event features a Repair Café where volunteers with have repair skills try to revive broken household items for members of the community to save the items from ending up in a landfill. **At the last Fix it Fair event, in 2019, 84% of items were either repaired or diagnosed by fixers.** The event also features workshops and trade-show style booths for community groups who work on sustainability related initiatives.





For questions or comments, please contact:

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