



The Corporation of the City of Sault Ste. Marie
Environmental Sustainability Committee
Agenda

Tuesday, February 6, 2024
4:30 pm - 5:30 pm
Thompson Room, Civic Centre

Meetings may be viewed live on the City's YouTube channel
<https://www.youtube.com/c/saultstemarieca>

	Pages
1. Call to Order	
2. Land Acknowledgement	
I acknowledge, with respect that we are on Robinson-Huron Treaty territory, that the land on which we are gathered is the traditional territory of the Anishinaabe and known as Bawating. Bawating is the home of Garden River First Nation, Batchewana First Nation, the Historic Sault Ste. Marie Metis Council.	
3. Adoption of Minutes	3 - 4
Mover _____ Seconder _____ Resolved that Minutes of Environmental Sustainability Committee meeting of November 27, 2023 be approved.	
4. Declaration of Pecuniary Interest	
5. Adoption of Agenda	
Mover _____ Seconder _____ Resolved that the Agenda for Environmental Sustainability Committee meeting for February 6, 2024 as presented be approved.	
6. Environmental Sustainability Committee Overview	5 - 22

7. 2024 ESC Chair & Vice Chair Selection

Mover _____

Secunder _____

Resolved that _____ be appointed as the Chair for the 2024 Environmental Sustainability Committee.

Mover _____

Secunder _____

Resolved that _____ be appointed as the Vice Chair for the 2024 Environmental Sustainability Committee.

8. 2023 ESC Highlights

9. Community Development Fund (CDF) Green Initiatives Fund Program Refresh

10. 2023 City Environment Sustainability Highlights

11. 2024 City Environmental Sustainability Priorities

Mover _____

Secunder _____

Resolved that this Committee now adjourn.

11.1 Sustainability Audit of 2024 Capital Budget

11.2 Key Sustainability Projects

12. 2024 ESC Priorities

12.1 November 27, 2023 ESC Meeting Recap

12.2 2024 Priorities

13. Next Meeting

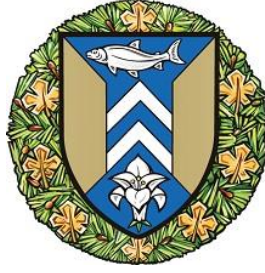
Tuesday April 9th 4:00 – 5:30 PM – Regular Meeting – Hybrid (In-personal and virtual)

14. Adjournment

Mover _____

Secunder _____

Resolved that this Committee now adjourn.



**The Corporation of the City of Sault Ste. Marie
Environmental Sustainability Committee Minutes**

Monday, November 27, 2023
4:00 pm
Thompson Room, Civic Centre

Present: D. Hilsinger, A. Riopel, M. Britton, A. Judge, V. Prouse, N. Roubal, C. Gardi, E. Emilson

Absent: T. Kern,

Officials: E. Cormier, T. Anderson

Guests: Councillor Caputo, Councillor Bruni, Brent Lamming, Tom Vair, Peter Tonazzo

1. Call to Order

Meeting was called to order at 4:00 p.m.

2. Land Acknowledgement

3. Adoption of Minutes

Moved by: C. Gardi

Seconded by: M. Britton

Resolved that Minutes of Environmental Sustainability Committee meeting of November 7, 2023 be approved.

Carried

4. Declaration of Pecuniary Interest

5. Adoption of Agenda

Moved by: E. Emilson

Seconded by: V. Prouse

Resolved that the Agenda for Environmental Sustainability Committee meeting for November 27, 2023 as presented be approved.

Carried

6. Guest Presentation: Municipal Climate Action Best Practices

6.1 Speaker #1: Gabriella Kalapos, Executive Director, Clean Air Partnership

6.2 Speaker #2: Mike Layton, Chief Sustainability Officer, York University, former City of Toronto Councillor

7. Next Meeting

February 6 2024, 4:00 PM

8. Adjournment

Moved by: C. Gardi

Seconded by: N. Roubal

Resolved that this Committee now adjourn.

Carried

Chair



**SAULT
STE. MARIE**

Environmental Sustainability Committee Meeting

Tuesday February 6, 2024 4:00 – 5:30 PM

****NB: ESC meetings are fast paced. Please come prepared by reviewing the materials in advance.***

Agenda

- ESC Overview (Welcome to Year 2)
- 2024 Chair and Vice Chair Selection
- 2023 City Environmental Sustainability Highlights
- 2023 ESC Highlights
- 2024 City Environmental Sustainability Priorities
 - Sustainability Audit of 2024 Capital Budget
 - Key Sustainability Projects
- 2024 ESC Priorities
 - November 27, 2023 ESC Meeting Recap
 - 2024 Priorities

6. Environmental Sustainability Committee Overview

Roles & Responsibilities

The Committee has been established to support collaboration and advance projects as they relate to the protection and enhancement of community environmental sustainability, specifically:

- I. Recommend project priorities and assist in the review and implementation of the community and corporate greenhouse gas (GHG) reduction plan, including reporting on progress annually;
- II. Report on the City's progress regarding energy management, GHG emissions reduction and environmental initiatives within municipal operations;
- III. Assist in formulating and recommending environmental and sustainability policies, plans and practices, and making recommendations for continuous improvement;
- IV. Review and recommend funding applications to the Community Development Fund for Environmental Sustainability projects;
- V. Support local initiatives that promote environmental sustainability and conservation of the local natural environment and ecosystems;
- VI. Develop a list of priorities which support environmental sustainability for Council consideration as part of the annual budget cycle;
- VII. Create and highlight opportunities for the general public to learn about and advocate for Climate Change mitigation in Sault Ste. Marie as well as encouraging activities and outreach in environmental matters, specifically educational programs.

7. ESC 2024 Chair & Vice Chair Selection

- At the first ESC meeting in each calendar year, a Chair and Vice-Chair will be selected by the Committee
- The Chair will preside over each meeting, ensuring the rules of procedure are followed in the City's Procedure By-law (support will be provided by staff resource (Emily Cormier))
- The Chair will assist the staff resource in identifying items for the meeting agenda and liaise with Committee members as required
- The Vice-Chair, in the absence of the Chair, will be responsible for convening and conducting meetings

8. 2023 ESC Highlights

8 projects approved for funding: \$52,101.65 allocated

1. F.H. Clergue Tree Planting: \$5,479.10 - **COMPLETE**
2. Clean North Tree Planting: \$8,569.31 – **COMPLETE**
3. SSM Fire Services Electric Lawn Equipment: \$3,920 - **COMPLETE**
4. Invasive Species Centre Himalayan Balsam Pull: \$6,416.19 - **COMPLETE**
5. SSMIC Litta Trap: \$6,975.62 – **In Progress**
6. CDES EV Chargers: \$16,050 – **In Progress**
7. Tourism Clear Your Gear: \$1,750 – **In Progress**
8. SSM Fire Services Electric Snow Blower: \$2,250.93 - **COMPLETE**



8 . 2023 ESC Recap

1. City Department Climate Action Spotlight

1. Community Services
2. Fire Services
3. Public Works
4. Outstanding Spotlights: Engineering and Finance (outreach been sent out by Sustainability Coordinator to attend a 2024 meeting)

2. Revision of Green Initiatives Fund (COMPLETE)

3. Community Climate Action Communication Strategy (ongoing) – launch of GIF Video; #sustainableSSM

4. Letter to Council and SMT: top 3 short term and long-term environmental sustainability priorities from ESC

9. Community Development Fund (CDF) Green Initiatives Fund Program Refresh

- [Green Initiatives Fund](#)
- [Application](#)



Green
Initiatives
Fund

10. 2023 City Environment Sustainability Highlights

1. Corporate 2022 Emissions Update

2. Climate Impact Statement added to Council Reports (Currently Voluntary)

3. City of Sault Ste. Marie Energy Efficiency Incentive Information Workshops: the City of Sault Ste. Marie and the Sault Ste. Marie Innovation Centre have partnered to deliver a free two-part in-person luncheon information series on commercial and industrial natural gas and electricity conservation incentive programs.

- a. #1: Natural Gas incentives (20 registrants);
- b. #2 Electricity commercial conservation incentives (31 registrants)

4. World Water Day – March 22, 2023: The City held a virtual community presentation on March 22, 2023 - 7 PM - 8:30 PM (32 registrants). Speakers included: Candace Day Neveau, Co-founder of Baawaating Water Protectors, “Guidance from an Anishinaabe Fisherman's Granddaughter; Dr. Paula Cypas Antunes, Senior Research Scientist, Nautilus Environmental, “Contaminants of Concern: Challenges & Remediation”; and Dr. Michael Twiss, Dean, Faculty of Science, Algoma University: “Our Relationship with the Great Lakes”

5. Northern Ontario Youth Climate Action Summit: The City of Sault Ste. Marie participated in the Science North Northern Ontario Youth Climate Action Summit April 25th – April 26th. The Sustainability Coordinator provided a group of high school students with an understanding of the City’s climate change portfolio and engaged youth in a climate action planning activity. The City also supported a community clean-up led by the high school students as part of the summit.

10. 2023 City Environment Sustainability Highlights

6. City Nature Challenge – April 28 – May 1: Sault Ste. Marie joined the [City Nature Challenge](#), led by the City of Sault Ste. Marie, in partnership with the Sault Naturalists and the Sault Ste. Marie Region Conservation Authority. Over 600 observations and 221 species were identified as part of the global BioBlitz. The City and the Sault Naturalists also met with the Central Algoma Elementary School Grade 6 class to talk about biodiversity and climate change as part of the City Nature Challenge.

7. World Migratory Bird Day May 13th – The City supported the Sault Naturalists in their World Migratory Bird Day outing with a proclamation at Council. This aligns with the City's efforts to work with [Nature Canada](#) to become a [Bird Friendly City](#).

8. Bike to Work Week June 3 – 9, 2023 – The City of Sault Ste. Marie has partnered with Algoma Public Health and the Sault Cycling Club to host a Bike to Work Week from June 3 – 9, 2023. 85 participants, 10 group rides, 28,02.06 KMs travelled, 13,224.47 minutes of cycling. Tailpipe emissions avoided equivalent to 1.3 barrels of oil consumed.

9. Community Efficiency Financing Project Program Design – City Council approved that the City proceed to apply for funding from the Federation of Canadian Municipalities for phase two of the Community Efficiency Financing project. A feasibility study was recently completed that identified that there is potential for residential greenhouse gas reduction from developing a community retrofit program. The Design Study is needed to finesse details about costs, measures, implementation etc.

10. City's First Electric Ice Resurfacer Purchased - in May 2023, the City of Sault Ste. Marie purchased and is using its very first electric resurfacer. A second electric ice resurfacer has been approved for purchase this year as well. This is the City's first electric vehicle, and there are plans to electrify the entire ice resurfacing fleet.

10. 2023 City Environment Sustainability Highlights

11. GHG Reduction Pathway Funding Received: The City received \$200,000 in funding from the Federation of Canadian Municipalities (FCM) Green Municipal Fund (GMF) GHG Reduction Pathway Feasibility Study program to conduct deep energy retrofit audits on their top six (6) emitting facilities. The audits (if successful in acquiring funding) will help determine the level of effort, resources and technologies to bring project facilities to a low carbon and energy use performance. Project implementation is underway.

12. City's First Sustainability Report Approved: On May 29th, the City's first Sustainability Report was approved by City Council. It aligns with the Sault Ste. Marie GHG Reduction plan seven pillars and highlights all corporate sustainability efforts from 2021 and 2022 and plans for 2023. Staff intend to provide an update on all corporate sustainability efforts to Council on an annual basis.

13. Yellow Fish Road – June 5 – June 16th: Over 400 students from the Algoma District School Board with support from the City of Sault Ste. Marie hit the streets to paint yellow fish near storm drains to bring awareness to stormwater pollution through Trout Unlimited Canada's [Yellow Fish Road](#) Program.

14. Sustainable Procurement Workshop: On September 13, 2023, City of Sault Ste. Marie senior leadership staff attended a 1-hour virtual workshop on Buying with Impact: Introduction to Sustainable Procurement, hosted by [Buy Social Canada](#). This workshop will cover the following: Overview of Sustainable Procurement, Myths and Facts, Examples across Canada and how to do Sustainable Procurement

10. 2023 City Environment Sustainability Highlights

15. EV Showcase: On October 14, 2023 the City, PUC and Sault Climate Hub partnered to deliver Sault Ste. Marie's First EV Showcase

16. 2023 Broader Public Sector Energy and Emissions (O.Reg 25/23) Reporting: Completed October 31, 2023

17. Deep Energy Retrofit (DER) Audit Project Kick Off: the DER audits will enable the City to identify a sequence of GHG reduction measures to reduce GHG emissions for a portfolio of the top six (6) emitters of community buildings including: the John Rhodes Community Centre, East End Wastewater Treatment Plant, GFL Memorial Gardens, Public Works Centre, Fire Hall 4 / RESC Centre, and Transit Administration. This project is expected to be completed in June 2024

18. Municipal Climate Action Leadership Meeting: On November 27, 2023 the City's Environmental Sustainability Committee held a special meeting featuring two guest speakers who spoke about advancing municipal climate change action. The meeting featured Gabrielle Kalapos, Executive Director from the Clean Air Partnership, a non-profit that motivates and support local government action on clean air and climate change for over 20 years, and Mike Layton, Chief Sustainability Officer at York University, and former three term City Councillor at the City of Toronto. A recording of the meeting and presentations can be viewed [here](#).





11. 2024 City Sustainability Priorities

11.1 Sustainability Audit of 2024 Capital Budget

Sustainability Capital Projects

<u>DEPT.</u>	<u>DESCRIPTION</u>	<u>COST</u>	<u>ACCOUNT DESCRIPTION</u>
CDES	Transit - Electric Supervisor Vehicle with Charger	\$ 175,000.00	UTILITY VEHICLE
CDES	Transit - Electrical Upgrades and Charging Unit	\$ 825,000.00	ELECTRICAL UPGRADES
CDES	Transit - Solar Panels for Roof	\$ 3,100,000.00	SOLAR PANELS
CDES	John Rhodes - Electric Ice Resurfacer and Charger	\$ 180,000.00	ARENA EQUIPMENT
CDES	John Rhodes - Roof Replacement (solar ready)	\$ 4,000,000.00	ROOF REPLACEMENTS
CORP	EV Charging Stations - Phased Approach	<u>\$ 60,000.00</u>	EV CHARGING STATIONS
		<u>\$ 8,340,000.00</u>	



11. 2024 City Sustainability Priorities

11.1 Sustainability Audit of 2024 Capital Budget

Energy Efficiency Building Upgrades

DEPT.	Description	Cost	Description
PW	Fleet Management Information System	\$ 105,000.00	SOFTWARE
CDES	Bondar Park - Windows, Doors, Walls, Hot Water Tank	\$ 73,600.00	BUILDING IMPROVEMENTS
CDES	John Rhodes - Roof Condensers	\$ 400,000.00	MISCELLANEOUS CAPITAL
CDES	Old Stone House - Roof Replacement	\$ 160,000.00	ROOF REPLACEMENTS
CDES	Seniors Drop-In - Windows	\$ 25,000.00	WINDOWS
CDES	Cemetery - Mausoleum "G" Roof Replacement	\$ 75,000.00	MISCELLANEOUS
CDES	Greco Pool - Windows	\$ 15,000.00	WINDOWS
FIRE	Fire Hall #2 - Air Makeup Unit	\$ 22,000.00	AIR HANDLING UNITS
FIRE	Fire Hall #3 - Air Makeup Unit	\$ 22,000.00	AIR HANDLING UNITS
FIRE	Fire Hall #4 - HVAC Units	\$ 60,000.00	HEATING SYSTEM
CORP	SSM Library - Chillers	\$ 35,000.00	AIR HANDLING UNITS
CORP	SSM Museum - Air Handling Units, Walls, Chimney	\$ 67,000.00	MISCELLANEOUS CAPITAL
CORP	Police - HVAC	\$ 100,000.00	POLICE VENTILATION SYSTEM
		\$ 1,159,600.00	

12. 2024 ESC Priorities

12.1 November 27, 2023 ESC Meeting Recap

- Presentation by Gaby Kalapos from the Clean Air Partnership and Mike Layton, Chief Sustainability Officer at York University (former 3 Term City of Toronto Councillor)
- Key Takeaways:
 - Green Development Standard – good catch all for sustainability metric measurement
 - Prioritize addressing necessary systemic changes operationally
 - Mandatory Climate Lens – SSG Municipal GHG Calculator
 - [Municipal Climate Action 101](#) – free 30-minute online course for Municipal Council members (consider hosting it during ESC)

12.2 2024 Priorities

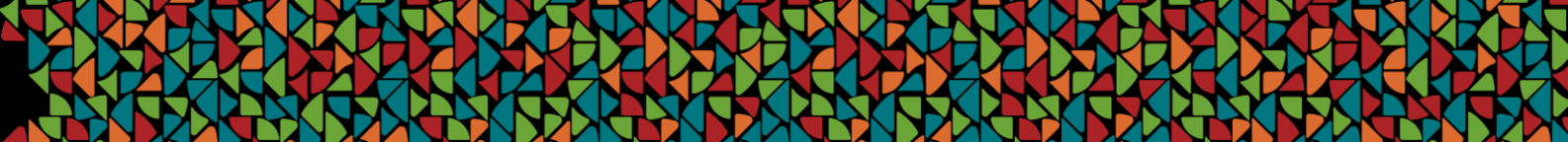
- GIF Relaunch – help spread the word!
- Promote Community Events (e.g. City Nature Challenge) – engage people
- ESG Policy
- GDS Guest Speaker

12. 2024 City Sustainability Priorities

- ✓ Community Charging Infrastructure Plan (Complete)
 - Corporate EV Charger Project
 - Transit Depot Solar Project
 - FCM CEF Phase 2 Application Submission
 - 2023 Sustainability Report
 - 2023 Corporate Inventory
 - 2022 Community Inventory Update
 - 2024 City of SSM Energy Conservation and Demand Management Plan
 - Complete Deep Energy Retrofit Audit Project
 - Energy Management In Less Effort (EMILE) Software Development
 - City Nature Challenge 2024
 - Bird Friendly City Certification Application submission to Nature Challenge
 - EV Showcase #2 – planning underway
 - Annual Corporate Directors Meeting on Sustainability Projects in 2024 / Planning for 2025 (June 12th 2024)

13. Next Meeting

- Tuesday April 9th, 2024, 4 PM
- Hybrid (In-personal and virtual) – **please make every attempt to join in person as our meetings are fewer this year**
- 2024 Meeting Schedule (4:00 – 5:30 PM)
 1. Tuesday February 6th
 2. Tuesday April 9th (Green Fund Application Review)
 3. Tuesday June 4th
 4. July 9th (Green Fund Application Review)
 5. Tuesday September 10th
 6. Tuesday October 1st (Green Fund Application Review)
 7. Tuesday November 5th



Thank You. Questions?