



Executive Management Committee Meeting was held by video conference on Tuesday June 15, 2021, pursuant to section C.12 of the TRCA's Board of Directors Administrative By-Law. The Co-Chair Todd Ernst called the meeting to order at 6:35 p.m.

VOTING MEMBERS

John Coyne, Co-Chair	Absent
Todd Ernst, Co-Chair	Present
Erica Brabon, Member	Absent
Michelle Brown, Member	Present
Brad Chittick, Member	Absent
Chris Fonseca, Member	Absent
Darryl Gray, Designate (J. MacKenzie)	Present
Jack Heath, Member	Absent
Patrick Huynh, Member	Present
Maxx Kochar, Member	Present
John MacKenzie, Member	Absent
Anthony Perruzza, Member	Absent
Paul Vicente, Member	Absent

ADVISORY MEMBERS

Scott Pegg, Member	Absent
Christine Tu, Member	Present
Doug Whillans, Member	Absent

The Co-Chair Todd Ernst recited the Acknowledgement of Indigenous Territory.

RES.#PPG6/21 - MINUTES

Moved by:	Darryl Gray
Seconded by:	Maxx Kochar

THAT the Minutes of Meeting held on March 2, 2021, be approved.

CARRIED

Items for the Information of the Partners in Project Green Executive Management Committee

RES.#PPG7/21 -

PPG 2020 FINAL BUDGET RESULTS

2020 Final Budget Report to the PPG Executive Management Committee.

Moved by: Michelle Brown
Seconded by: Maxx Kochar

IT IS RECOMMENDED THAT the PPG 2020 final budget results be received.

CARRIED

BACKGROUND

PPG was launched in 2008 by Toronto and Region Conservation Authority (TRCA) and the Greater Toronto Airports Authority (GTAA), with support from municipalities including Peel, York, the City of Toronto, and lower tier municipalities including Mississauga and Brampton, and from the nearby business community to transform the employment lands surrounding Toronto Pearson, and located within TRCA's Etobicoke-Mimico Creeks Watershed, into an internationally recognized community of eco-friendly businesses.

RATIONALE

Part of the Executive Management Committee's (EMC) governance and administrative role is reviewing and approving PPG's budget. Enclosed is a detailed 2020 Budget Summary outlining financial performance and variances related to program areas, for which explanations have been provided for all variances >50k and 10% of the budget. Major considerations include:

- PPG 2020 activities were impacted by the COVID-19 pandemic and resulting necessary public health guidelines. There was a reduction in revenues generated related to conversion of virtual events to in-person events, and reduced contract, program, and membership fees due to COVID-related market impacts.
- Revenue reductions were offset by maintaining a reduced staff complement, reduced program and event expenses with the conversion to virtual, and deferring programs impacted by COVID-19 to 2021, namely municipal water audits and the Recycling Collection Drive.
- \$288,200 has been deferred to 2021 and will be used to complete outstanding deliverables and hire appropriate additional staff complement, as required.

PPG 2020 Highlights

- Completed 33 circular economy exchanges diverting over 37,000 kg of material from landfill;
- Achieved 71 projects, 6,900 tonnes of CO₂ avoided, 466 learner hours and \$3.0M in cost savings through Energy Consortium;
- Delivered eight virtual events resulting in 1178 learner hours;
- Five organizations completed 650 environmental actions through the People Power Challenge;
- Welcomed 20 new members, for a total of 67 members.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategy set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 9 – Measure performance

Report prepared by: Jennifer Taves, 647-287-7568
Emails: jennifer.taves@trca.ca
For Information contact: Jennifer Taves, 647-287-7568
Emails: jennifer.taves@trca.ca

Date: June 1, 2021

Attachments: 1

Attachment 1: Partners in Project Green – 2020 Financial Snapshot

Attachment 1: Partners in Project Green – 2020 Financial Snapshot

Account Description	Budget	Actual	Variance (\$)	
Revenue				
Municipal	643,000	583,219	(59,781)	N/A - Within threshold
User Fees, Sales and Admissions	125,000	78,173	(46,827)	N/A - Within threshold
Non-Government Contract Services	365,000	246,300	(118,700)	Reduction is primarily due to fewer participants in the SMEC (\$75k) and \$43k due to reduced non-governmental demand due to COVID
Fundraising	37,000	-	(37,000)	N/A - Within threshold
Total Revenue	1,170,000	907,692	(262,308)	
Expenses				
Compensation	767,700	565,676	202,024	PPG maintained two vacant staff roles due to COVID impacts
Contracted Services	298,430	19,317	279,113	Reduction due to reduced attendance in SMEC and the conversion of in-person events to virtual events
Materials and Supplies	12,151	4,748	7,403	N/A - Within threshold
Internal Charges	91,719	29,751	61,968	Reduction due to the conversion of in-person events to virtual events
Total Expenses	1,170,000	619,492	550,508	
Surplus Prior to Deferred Revenue Allocation	0	288,200	288,200	Please see explanation in Deferred Revenue Allocation below.
Deferred Revenue Allocation	0	234,719	234,719	Deferred revenue is made up of \$76k in municipal levy with the rest from non-governmental contract services (including grants), primarily for the Fall recycling collection drive and water audits
Remaining Surplus	0	53,481	53,481	Allocated to TRCA as unrestricted revenue, to support corporate services time spent on PPG initiatives.

RES.#PPG8/21 - 2021-22 ENERGY PERFORMANCE & LOW CARBON TRANSPORTATION PROGRAM DEVELOPMENT OPPORTUNITIES
Identification of key areas of opportunities for PPG related to Energy Performance and Low Carbon Transportation through 2021-22.

Moved by: Maxx Kochar
Seconded by: Michelle Brown

IT IS RECOMMENDED THAT the following information report and presentation on the areas of opportunity for 2021-22 PPG Energy Performance and Low Carbon Transportation program delivery be received.

CARRIED

BACKGROUND

Toronto and Region Conservation Authority (TRCA) and the Greater Toronto Airports Authority (GTAA), with support from municipalities including Peel, York, the City of Toronto, and lower tier municipalities including Mississauga and Brampton, and from the nearby business community has been working to transform the employment lands surrounding Toronto Pearson and located within TRCA's Etobicoke-Mimico Creeks Watershed into an internationally recognized community of eco-friendly businesses.

At Board of Directors Meeting #4/19, held on April 26, 2019, Resolution #A51/19 was approved in part as follows:

THAT the Partners in Project Green Strategic Refresh 2019-2023 and Executive Management Committee Terms of Reference 2019-2023 ... be approved

This strategic refresh was intended to guide the next generation of eco-business activities through PPG focused on increased engagement, improved performance outcomes and enhanced alignment with municipal and business priorities. The delivery model for Partners in Project Green was updated to include four performance areas:

1. Waste Management
2. Water Stewardship
3. Energy Performance & Low Carbon Transport, and
4. Communications & Engagement.

A key component of the Strategic Refresh was to formally introduce Low Carbon Transport to the Energy Performance area. Partners in Project Green has worked on several projects in the clean transportation space, dating back to 2015. Including:

- **PPG Open EV Network Program (2015-17):** Worked with 17 organizations to facilitate the installation of electric vehicle charging stations ([Link](#)).
- **Peel Region Off-Peak Pilot (2017):** Supported Peel Region Transportation Division's *Peel Off-Peak Pilot* ([LINK](#)) initiative through recruitment of businesses to participate in the initiative.
- **Peel Region Goods-Movement Strategic Plan (2019):** Delivered a report to the Region of Peel's Transportation Division, *Region of Peel Goods Movement Strategy: Alternative Fuels and Efficiency Initiatives*, including a presentation of findings to the Peel Goods-Movement Task Force ([LINK](#)).

- **Regional ZEV Strategy for Peel municipalities (Ongoing):** PPG is project managing the development of a *Regional Zero-Emission Vehicles Strategy* to accelerate the adoption of zero-emission personal vehicles and light-duty fleets in Peel. The project is an initiative of the Peel Climate Change Partnership (Peel, Mississauga, Brampton, Caledon, TRCA, CVC). An early success included facilitating work to secure a grant from NRCAN's ZEVIP program, resulting in funding for 43 publicly-accessible charger installations on municipal and conservation authority properties ([LINK](#)).

An additional element of the 2019-2023 Strategy Refresh was identifying Energy Efficiency engagement with Small-Medium Enterprises (SMEs). The SME Energy Management Consortium launched in 2020 with funding support from IESO. As of June 31, 2021, the relationship with the IESO will come to an end and the SME Energy Management Consortium will continue as a self-sustaining PPG program.

RATIONALE

The Committee will be updated on the Energy Performance Area work since 2019 and provided with an overview of next steps in the performance area's program development.

Regional ZEV Strategy

The Regional ZEV Strategy project was initiated by the Peel Climate Change Partnership (PCCP), which is a collaborative effort between the four municipalities in Peel (Mississauga, Brampton, Caledon and Peel) and the two conservations authorities in the region (TRCA and CVC). The PCCP seeks to build and accelerate innovative climate solutions and pursue strategic actions that transcend political boundaries and collectively produce greater results.

The PCCP determined that a key area of collaboration to support each organizations' climate action plans was accelerating the adoption of Zero Emission Vehicles (ZEVs) in Peel. The resulting project involved the four municipalities working collaboratively to create an official Strategy to accelerate adoption of ZEVs in Peel. Specifically, the focus was on light-duty passenger vehicles in the region. TRCA was selected to project manage strategy development and PPG was engaged based on experience supporting members with EV adoption and installation of charging infrastructure.

The project includes: research into actions taken by municipalities across North America and internationally; a study of appetite and perceived barriers for residents and businesses of Peel; a modelling study of projected ZEV uptake in Peel and potential electrical grid capacity constraints; research into socioeconomic impacts of ZEVs; engagement of municipal staff across each of the four organizations to ideate and identify municipal actions; and preparing and delivering the ZEV Strategy report.

As of this time, PPG is concluding background research studies and preparing to engage municipal staff in a process to prioritize and select the municipal actions that will be committed to in the finalized Strategy. Municipal actions up for evaluation that may provide opportunities for engagement from PPG members include education and awareness initiatives for facility owners, fleet operators, workplaces and Multi Unit Residential Buildings (MURBs); ZEV-ready infrastructure for new builds; advocacy for ZEV-supportive policy implementation from other levels of government; working with partners to support adoption of new business models around charging infrastructure, fleet electrification, skills development, etc.

Region of Peel's Goods Movement Strategic Plan

The 2017-2021 Goods Movement Strategic Plan (GMSP) is a key initiative of the Region of Peel's Transportation Planning Division. It is a five-year blueprint to support development of "a safe, convenient, efficient, multi-modal, sustainable, and integrated goods movement transportation system" ([LINK](#)). In contrast to the Regional ZEV Strategy scope of work, the GMSP addresses heavy-duty freight and commercial delivery vehicles.

In 2019, PPG supported the GMSP team by undertaking a research study to engage local businesses and stakeholders on the Plan's *Action Area #8: Pursue Alternative Fuels and Fuel Efficiency Initiatives*. The study identified key market trends, regional challenges and issues, and key stakeholders for implementation opportunities. One outcome was to define strategic work areas: Education and Awareness, Collaborative Alignment with Other Municipalities, and Establishing Industry Partnerships.

Next steps include continuing conversations with the GMSP team on how PPG can provide further support, specifically with regards to supporting planning around low-emission fuels in the Plan's 5-year renewal process occurring this year.

SME Consortium

The SME Energy Management Consortium project was initiated in 2019 and the consortium group was launched in 2020 following the recruitment of four SME manufacturers. The project was funded through the IESO's Grid Innovation Fund (formerly the Conservation Fund). The non-profit group Excellence in Manufacturing Consortium was engaged to support program delivery.

The initiative is modeled after the Energy Leaders Consortium whereby energy managers from each company convene on a regular basis to share best practices and learn about energy management strategies and technologies. In addition to providing the platform to convene, the program also provided \$15,000 to each participant to install energy monitoring equipment as well as information resources to implement Strategic Energy Management best practices.

Next steps are to transition the IESO-funded project to a self-sustaining PPG program. A fee structure and program design will be developed to best address the audience targeted: SME manufacturers in the GTA region.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 1 – Green the Toronto region's economy

Strategy 12 – Facilitate a region-wide approach to sustainability

DETAILS OF WORK TO BE DONE

At upcoming PPG Executive Management Committee meetings, staff will provide detailed reports and updates related to the evolution of PPG's programming and formats, ensuring delivery of program outcomes while acting in accordance with public health directives related to pandemic spread.

Report prepared by: Nathaniel Magder, extension 5845

Emails: nathaniel.magder@trca.ca

For Information contact: Nathaniel Magder, extension 5845

Emails: nathaniel.magder@trca.ca

Date: May 19, 2021

Attachments: 1

Attachment 1: Presentation - 2021 Programming Update – Energy Performance & Low Carbon Transportation Program Development Opportunities



2021 Programming Update

ENERGY PERFORMANCE & LOW CARBON TRANSPORTATION PROGRAM DEVELOPMENT OPPORTUNITIES

(10 minutes)

Energy Performance and Low Carbon Transportation

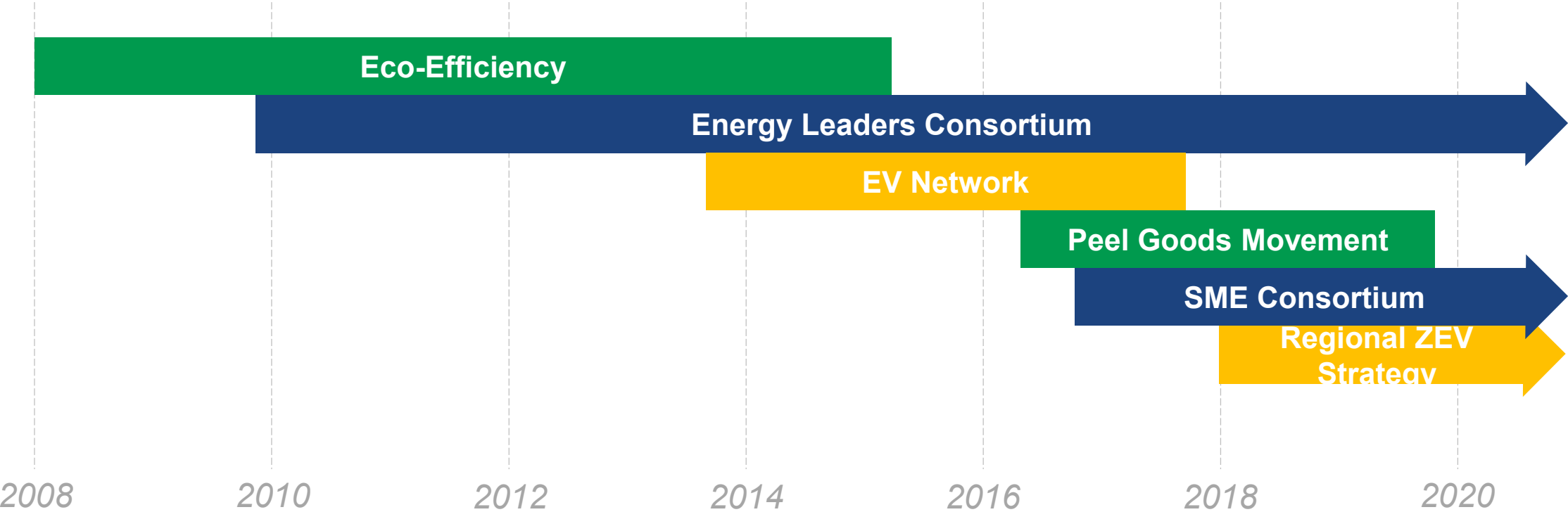
What are the benefits to my organization?

- Advance corporate emissions goals and have a positive impact on local air quality.
- Access resources and vendor networks to identify and capitalize on energy management and clean energy opportunities.
- Learn from IC&I sector peers how other businesses are reducing their climate impact while improving their bottom line.
- Reduce business risk related to reporting on climate action.
- **Program landing page** - <https://partnersinprojectgreen.com/your-needs/energy-performance/>



Program Background

2008 - 2021



Regional ZEV Strategy

Peel Climate Change Partnership

- Peel Mississauga, Brampton and Caledon partnered in developing a Regional Zero-Emission Vehicles (ZEV) Strategy.
- PPG was selected to lead the project management based on previous experience supporting member businesses installing charging infrastructure.
- Research components: Best-practices in Municipal ZEV Strategies; Resident and Business Surveys; Projected ZEV Growth and Electrical Grid Impact; Socioeconomic Impacts of ZEVs.
- **Next steps:** Engagement with municipal stakeholders to prioritize top actions to be included in the ZEV Strategy, public consultation and report development.



Region of Peel Goods-Movement Strategic Plan

Supporting the Region's Transportation Division



Region of Peel Goods Movement Strategy:
Alternative Fuels and Efficiency Initiatives

Prepared by Eric Meliton
November 2019


- PPG initially supported the Goods-Movement Strategic Plan team by recruiting businesses to participate in the Off-Peak Pilot.
- In 2019, PPG completed a study to assess current trends in sustainable freight and opportunity areas for the Region to accelerate industry adoption.
- Three key strategic work areas were identified: (1) Education and Awareness; (2) Collaborative alignment with other municipalities; and (3) Develop partnerships with industry.
- **Next steps:** Explore further how PPG can support the GMSP.

SME Consortium

Initial Funding Provided from IESO Grid Innovation Fund

- Four SME manufacturers in the GTA were recruited to participate in the program.
- Each installed energy monitoring equipment, participated in consortium sessions, identified opportunities and implemented energy savings.
- **Next steps:** Submit final report to IESO, share success stories of participants, implement self-sustaining program model and recruit new participants.





Appendix

(Brainstorming Questions)

Leadership Session

Uncovering Opportunities

- What are the current trends in energy management and emissions reduction?
- What are organizations doing to accelerate clean fuels in freight/goods-movement?
- How can PPG optimize engagement with the consortium model?

DISCUSSION SUMMARY

Members inquired whether the EV Strategy Report is publicly available and can be circulated. Staff clarified that a public facing component of the report will likely be available. However, participating municipalities will be responsible for sharing the report with key stakeholders. Members commented that it will ultimately be up to the private sector to expand EV infrastructure.

Members also discussed the challenges in participating in NRCAN programs and wished that their criteria and requirements were clarified.

ON MOTION by Michelle Brown, the meeting ended at 7:11 p.m. on Tuesday June 15, 2021.

John Coyne
Co-Chair

Todd Ernst
Co-Chair

/dr