



Event
sustainability
report

IMAGINED BY

sidlee

FOUNDING PARTNER

CIRQUE DU SOLEIL®

CONNECTION PARTNER



Our vision



We believe that an event with over 7,000 participants must lead by example and minimize its environmental footprint. Our goal is simple but ambitious: to be one of the most environmentally responsible events in the world.

With the guiding principle of coherent action, C2 Montreal intends to establish and apply environmentally responsible standards in all its spheres of activity. Our overall approach is guided by four priorities:



1. Foster and enhance the local economy



2. Encourage conservation and optimal use of resources



3. Reduce our carbon footprint



4. Put the well-being of people at the heart of the C2 experience

Facts and figures



The purpose of this report is to provide a portrait of the eco-responsibility process for the C2 Montreal 2018 event. It also sets out areas for improvement that can be considered as avenues for continuous improvement.

For the 2018 edition, held May 23-25, 2018, at the Arsenal, C2 Montreal made every effort to improve its overall level of environmental responsibility. As of September 2017, an internal resource has been dedicated to the eco-responsibility mandate in order to elevate organizational standards and ensure their optimum coordination.

The overview is divided into the following sections:



- Residual materials



- Suppliers and food service



- Carbon footprint

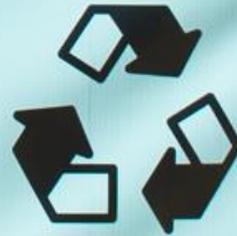


- Social contribution



- Engagement and visibility

It is based on the report card prepared by Sara Courcelles, Conseil québécois des événements écoresponsables, and has been enriched by the observations and thoughts of the C2 team.



Residual materials



With the ultimate goal of reducing material sent to landfills, C2 Montreal strives to preserve resources and to repurpose the material generated.

Preserving resources

- Distribution of flat or sparkling water on tap via [Tabl'eau](#) water stations on site;
- No single-use water bottles or straws distributed;
- Sale and promotion of reusable water bottles;
- Use of rags (green team) made from used clothing;
- Reuse of several building components, including wood from the dock and plaza;
- Rental of most equipment (economy of use);
- Virtually paperless promotion and registration;
- Reducing paper used at Workshops through use of whiteboards and non-permanent markers;
- Clear communication to partners to avoid distribution of paper or promotional items.

Specific objectives

The 2018 objectives of the BNQ9700-253/2010 certification and their results are as follows:

Target: Limit the total amount of waste-per-participant per event-day to a maximum of 1 kilogram*

Outcome: ACHIEVED! With 1.0 kg waste/person/day.*

Target: Maintain diversion rate** at 70% or above during the event

Outcome: Not achieved. The diversion rate for 2018 was 56%.

** The calculation is based on the weight of the waste (material destined for the landfill site) for the entire production of the site, from assembly to completion of disassembly, divided by the number of participants (therefore excluding organizational staff, suppliers and speakers) divided by the number of days the event takes place.*

*** The diversion rate represents the proportion of total residual material weight diverted from landfill through diversion (recycling, composting, etc.).*

21 585

KG OF WASTE

7000

VISITORS

3

DAYS

Actions (con't)



Managing and repurposing generated material

- Establishing a green team for material sorting and on-site maintenance;
- On-site sorting stations (2) and off-site full sorting centre (1)*;
- Recovered and repurposed signage via [La Coop les valoristes](#);
- Cigarette butts recycled through Montreal's [Mégot Zéro](#) program;
- Recycled coffee pods through [Nespresso's recycling program](#), which recycles aluminum from its pods and composts the coffee grounds
- On-site and backstage dishware, 100% reusable, recyclable or compostable;
- Fully recyclable [FLOW](#) spring water sold at the closing party to replace single-use water bottles;
- Hazardous materials and signage directed to the local Ecocentre;
- Asphalt crushed and recycled to make new asphalt by the supplier;
- Decorative elements stored or donated to local organizations;
- Labs stored for re-use by [C2 International](#);
- Plants recovered and donated for a second life;
- Badges and lanyards recovered at the exit.



Better-identified sorting stations



Compostable utensils



One of 6 cigarette-butt recycling stations

**Outside the site, the full sorting of all material was assured as all bags were opened and sorted. This allowed, for the first time, the separation of deposit containers from traditional recycling components.*

Reduction



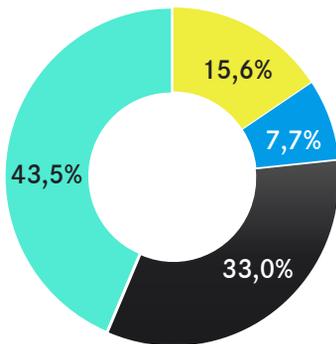
2018 results

49,581 kg

TOTAL WASTE MATERIALS

GRAPH 1

Distribution by weight of residual materials diverted in 2018



■ Recycling (15,6%) 7,744 kg

■ Composting (7,7%) 3,815 kg

■ Construction materials (33,0%) 16,380 kg

■ Waste (43,5%) 21,585 kg

See Appendix for more details. .

643

REUSABLE WATER BOTTLES SOLD

56.3 kg

HAZARDOUS MATERIALS RECOVERED

65%

PROPORTION OF RENTAL EQUIPMENT COSTS

30 kg

OF SIGNAGE MATERIAL (COROPLAST) WAS SENT TO THE LASALLE ECOCENTRE

6,687

DEPOSIT BOTTLES AND CANS (905,5 KG)

8,370 m²

CRUSHED AND REUSED ASPHALT

4,670

CIGARETTE BUTTS (1,7 KG)

2,700

LANYARDS RECOVERED IN 2017, REUSED IN 2018

Findings

- 26% less residual materials compared to 2017.
- 7.88 times as much compost compared to 2017.
- Total diversion rate 56.2%.



Areas of improvement to consider

Plan to waste less

- Include mention of reduction of overpackaging in a Partner Guide;
- Ensure a continuous overall inventory for better management of donations of material.

Plug the gaps in the sorting system

- Ensure better management of materials to be sent to the upstream Ecocentre;
- Better sorting of material, including compost, in staff spaces (cafeteria, offices and trailers);
- Use biodegradable bags for waste containers.

Design to reduce disposable and increase reusable

- Reduce the amount of asphalt on site;
- Reduce the amount of poor-quality carpet or design with other coatings;
- Enter discussions with a trade school for carpet recovery;
- Adapt food menus to reduce the need for dishes and utensils (compostable or recyclable);
- Recommend a location with a dishwashing station to ensure a better turnover of reusable dishware, especially utensils.

Supply to reduce plastic

- Advocate the use of ceramic, glass or compostable cups for hot drinks;
- Find a reusable alternative and reduce the proportion of recyclable glasses at water stations;
- Promote conversation and include clause in supplier contracts to reduce overpackaging;
- Think about a sustainable alternative to single-use coffee cups.



**Suppliers
and food
service**

Actions



The choice of supplier and menus offered must reflect the organization's environmentally responsible priorities and values.

Suppliers and partnerships

- Majority of suppliers, artists and partners from Montreal;
- Many local partnerships have been developed;
- By putting our requirements for dishes in the contract, suppliers had to comply if they didn't have the right equipment; caterers adjusted as needed from day two;
- The caterers were informed in advance that we were dealing with [La Tablee des chefs](#), which resulted in a much better collaboration to collect food surpluses on site.

Food management

- The alcohol supply was 100% made-in-Quebec;
- The calls for tenders for food suppliers contained the proportions of local ingredients required. As a result, food suppliers had a contractual commitment to provide local products.



Food truck on site



The florist was partially supplied with locally-grown flowers



Quebec maple popcorn

Making the right choices



The numbers

92%

LOCAL SUPPLIERS

90%

OF THE ARTISTS WERE FROM MONTREAL

27%

OF SUPPLIERS DEMONSTRATED SUSTAINABLE DEVELOPMENT ACTIONS

61%

INGREDIENTS GROWN WITHIN 300 KM OF EVENT SITE

45%

OF OUR PARTNERS ARE QUEBEC ORGANIZATIONS

29%

OF INGREDIENTS FROM SOURCES RECOGNIZED OR CERTIFIED AS FROM QUEBEC

5%

OF 138 SUPPLIERS WERE NPOS OR COOPERATIVES

7%

OF FOOD INGREDIENTS SERVED WERE CERTIFIED AS FAIR TRADE OR ORGANIC

TABLE 1

Proportion of food offerings by food category

<i>Menu offerings</i>	RED MEAT	PORK	CHICKEN (AND DUCK)	SEAFOOD PRODUCTS	VEGETARIAN	VEGAN
2018	7.1%	19.6%	16.1%	37.5%	14.3%	5.4%

SUPPLIERS AND FOOD SERVICE

Partnerships



Some partners have enabled C2 Montreal to achieve higher eco-responsible targets:



As well as several suppliers with environmentally responsible cores:



La Tablée des Chefs

redistribution of food to the needy



popcorn made with local ingredients



recycling cigarette butts



circular economy in the food chain



Areas of improvement to consider

Consolidate dialogue and plan ahead

- The partnerships established and food and beverage offerings are very interconnected; this is an opportunity to leverage an increase in the proportion of local and environmentally responsible products on menus;
- Explain more often - and more explicitly - our eco-responsible approach, requirements and expectations (overpackaging, local products, etc.) to suppliers from the start of negotiations;
- Internally, F&B could provide order guidelines for partner orders to avoid waste;
- Engage in early conversation with caterers (street trucks) regarding utensils and ensure that they meet our requirements (compostable) by:
- Requesting a pre-event sample to validate the vendor's choice;
- Requiring a product preselected by C2 Montreal;

Promote even more eco-responsible choices on food menus

- Increase vegetarian (and vegan) menu offerings;
- Reduce the amount of meat on menus (and reduce the presence of red meat to zero);
- Increase the supply of local beverages, including beer and juice;
- Prioritize lunch boxes from a local and environmentally responsible supplier;
- Avoid single, non-recyclable or non-compostable packaging for employee lunch boxes or on-site snacks;

- Assess the possibility of providing fair-trade coffee and tea and promote it on site;
- Ensure adequate space for F&B to avoid food loss;
- Ensure adequate supply of reusable glasses, including [Écocup Québec](#) glasses;

Increase the visibility of the local economy

- Improve the visibility of environmentally responsible products and suppliers;
- Improve the visibility of information on the origin of food and its certification (organic, fair trade, etc.);
- Improve visibility and promotion of local producers (direct on-site visibility). Suggestion: "Pop-up" market zone for Quebec products.



Carbon footprint

Actions



With an event of international scope such as C2 Montreal, we believe the greenhouse gas (GHG) component is all the more important because it is unavoidable.



360 Big Top

Energy

- All of the energy consumed by C2 Montreal – with the exception of backup system using propane generators – comes from hydroelectricity, thus avoiding the unwarranted use of fossil-powered generation;
- A Hydro-Québec terminal supplied electricity to the site;
- The site, including the 360 Big Top, is air-conditioned for the comfort of participants and speakers. However, we ensure the doors remain closed as much as possible;
- The lights at the Arsenal were turned off when no one was working there (in the evenings) – something that was not done in 2017;
- All food trucks were powered by electricity, no generators were used.



Temporary power station supplied Hydro-Québec energy to the site

Actions (con't)



Transport

- Use of public transit, [Bixi](#), shuttle, [Car2go](#) or [OuiHop](#) ride-sharing was encouraged;
- Partnering with BMW allowed us to offer electric vehicle transport to conference speakers;
- Because the site is near the subway, a large proportion of participants and employees used public transit;

Compensation

- Commit to offset the equivalent of GHG emissions from the transportation of people through the provision of Gold Standard carbon credits, via [Planetair](#);
- Participants also had the opportunity to contribute to carbon offsets by paying an extra \$5 when purchasing their passes.



Bixi bike-sharing service stand on site



Electric car used to transport conference speakers



C2 Montreal allocated carbon credits to a Taiwan windpower project



2018 results

+90%

ON-SITE POWER FROM HYDRO-ELECTRICITY

+33%

ELECTRICAL MACHINERY USED IN ASSEMBLY AND DISASSEMBLY

18

ELECTRIC CARS FOR SPEAKER TRANSPORTATION

+70%

OR MORE OF EMPLOYEES USED ACTIVE OR PUBLIC TRANSPORTATION AT LEAST ONCE TO GET TO OR FROM THE EVENT SITE

74

\$5 OFFSET CONTRIBUTIONS SOLD FOR 2018, LESS THAN 4% OF INDIVIDUAL TICKETS SOLD

1,627.8

TONNES OF CO₂E OFFSET BY GOLD STANDARD CARBON CREDITS

- 90% of carbon credits in a wind-turbine project in Taiwan: InfraVest;
- 10% of carbon credits in a Quebec reforestation project.

Observation

Transportation partnership offerings underused; people still use single-occupant vehicles or gas taxis (participants, speakers, partners and internal staff).





Areas of improvement to consider

Optimize energy resources

- Encourage the selection of a site that is smaller or requires less complex machinery;
- Encourage the use of electric-powered machinery for production;
- Install solar panels to power specific sections of the site;
- Reduce the number of food trucks or consider alternatives without trucks.

Promote use of low-emission transportation

- Ensure an adequate supply of recharging stations on site to service the fleet of electric vehicles;
- Find a creative and innovative way (C2 shuttle-style) to transport guests and employees from the subway to the site;

Improve compensation

- Have more information about participant transportation (on Klik, for example);
- Automatically integrate the carbon-offset contribution into the ticket price (with a commitment from the organization noted);
- Boost the quantity of carbon offsets sold to participants who make an online purchase of a ticket;
- Consider fully offsetting the event's GHG emissions, thus becoming a fully carbon-neutral event.



Social contribution

Actions



With a mission to transform the way things are done and its community of leaders and movers, C2 Montreal strives to put people – and respect for the environment – at the heart of their experience in multiple ways.



Chelsea Manning, speaker at C2 Montréal 2018

Open new perspectives and find solutions to social issues

- Opening up the business world to diversity in business and to the LGBTQ community, through programming;
- The Ideate for Impact programs allow participants to become familiar with design thinking and collaborate with organizations that use this approach to make a positive impact on the lives of refugees. After exploring in depth the challenges facing these organizations, participants were invited to share their expertise and ideas to help them achieve their goals;
- Contribute to the progress of society towards a world marked by inclusiveness, openness and the search for collective solutions to social problems, breaking taboos and creating connections rather than prejudices;
- The site was universally accessible to persons with reduced mobility.

Socioeconomic engagement

- Contribution to the [La Coop les Valoristes](#)'s social reintegration program by awarding them the sorting contract;
- Presence of the [Les Filles Fattoush](#) in the programming;

Societal stakes

Programming touched on social issues in order to open up discussions and change attitudes.

- Urban public health and ways to help refugees via the "Ideation Impact" series
- The diversity of gender identification with LGBTQ activist [Chelsea Manning](#)
- Diversity in the professional world with [Arwa Mahdawi](#)

Actions (con't)



- Student program and young guests ([Factory](#));
- Volunteer recognition program (Poche & Fils shirts given out, post-event party, gifts and prize drawings);
- Hot meals served 3 times a day to all staff, freelancers and volunteers;
- Concierges Extraordinaires paid and given made-to-measure suits and shoes;
- Boosting of local small- and medium-sized enterprises through entrepreneurship programs, enabling greater inclusion and diversity;
- International renown and promotion of Montreal's image;
- Promoting Montreal tourism, with [Everything you need to know](#);
- Good visibility for local restaurants and businesses.

Giving back to the community

- Distribution of all food surpluses via the [Tablee des chefs](#);
- Donations of plants to employees and various local organizations;
- Good-neighbour measures put in place to warn nearby residents of traffic disruptions and to invite them to celebrate Illumination Night free of charge with C2 Montreal;
- Donation of materials to various organizations including Bâtiment 7 and [Architectes sans frontières Québec](#).



The Filles Fattoush



Volunteer uniform, personalized by Poche&fils



Arwa Mahdawi, speaker at C2 Montréal 2018

Creating a positive impact



2018 results

110

ORGANIZATIONS PARTICIPATING THROUGH
ENTREPRENEURSHIP PROGRAMS:

- 55 start-ups (25 from the Bronfman Foundation and 30 from Real Ventures)
- 40 SMEs from [Parcours Innovation](#)
- 15 SMEs from the [Parcours de développement durable](#)

500

LETTERS SENT TO THE NEIGHBOURHOOD

- 6500 fewer than in 2017 because residential addresses were more accurate (not because we covered less territory)

983

SERVINGS DISTRIBUTED TO PEOPLE IN NEED:

- 195 servings to AIDS Community Care
- 421 servings to Old Mission Brewery
- 367 servings to Booth Centre



Surplus food packages for the Tableé des chefs

42.2%

FEMALE SPEAKERS, NEARING PARITY

426

VOLUNTEERS HAD A UNIQUE AND
FORMATIVE EXPERIENCE

+1,000

JOBS CREATED

\$3.5M

IN ESTIMATED TOURISM IMPACT

300

ORGANIC VEGETABLE PLANTS
DONATED TO THE SOUTH-WEST ÉCO-
QUARTIER

12

PLANTS TO AIRE COMMUNE (NGO)

40

PLANTS TO STATION F-MR (NGO)

24.5

PALLETS OF WOOD MATERIALS GIVEN
TO THE BÂTIMENT 7 COLLECTIVE

Areas of improvement to consider



Open new perspectives and find solutions to social issues

- Promote socioeconomic or cultural diversity among participants;
- Ensure that needs of participants with visual or hearing impairments can be met.

Commit to a Montreal socioeconomic boom

- Foster even more inclusion of organizations like the Filles Fattoush;
- Promote local (neighbourhood) merchants through the event.

Giving back to the community

- Increase positive impact on the neighbourhood (other than economic and commercial);
- Minimize disruption (neighbourhood life, noise pollution, construction, traffic, etc.) and continue to improve our good-neighbour practices by contacting residents prior to the event.



Transparent Lab, an experiment in prejudice



Yoga sessions during the event



Engagement
and visibility

Actions



The objective behind the implementation of these eco-responsible measures is to reduce the adverse ecological footprint of the event, but also to positively influence C2 Montreal stakeholders to adopt a similar approach.

Clear commitment

- Engagement in BNQ9700-253/2010 certification since 2016, with a consistently higher level for each edition;
- Work with the Conseil québécois des événements écoresponsables (CQEER) to ensure the achievement of objectives, obtain additional specialized support and identify areas for improvement;
- Since September 2017, an internal resource (Sustainability Project Manager) has been employed to coordinate and advance this goal / they are the resource person on-site at the event and year-round;
- Dedicate a budget envelope to offset transportation carbon emissions.

External communication

- Full page of website now dedicated to eco-responsibility and sustainable development;
- Inspiration and motivation for other similar events;
- Part of the “Practical info” section provided tips for participants on getting to the site using sustainable transport, encouraging them to bring their own bottle, cups and even earbuds, among other practical tips for reducing their footprint.

Certification level

Here are the BNQ9700-253/2010 certification objectives set for 2018, as well as the results:

Target: Maintain our level 3 BNQ 9700-253/2010 certification, but with a higher score than in 2017.

Outcome: Success – C2 Montreal 2018 is certified BNQ 9700-253/2010 level 3, and scored 18 more points than C2 Montréal 2017.

Actions (con't)



Visibility on the site

- Improved visibility of sorting stations (added to general signage and improved container identification);
- Better identification of on-site measures, including wood reuse and asphalt recycling;
- Recycled asphalt and reused wood signage.



Informational signage painted on the asphalt

Internal communication

- A Sustainability Committee, composed of people from virtually all departments, was overseen by the Sustainability Project Manager throughout the year, ensuring that everyone worked together to achieve common goals;
- In January 2018, an ideation session, based on the findings and areas for improvement identified in 2017, was organized with each of the departments to find solutions to the weaknesses and to think about how to do better, as a team;
- Internal communications (by Slack) were led by the Sustainability Project Manager. A “10 Things to Know” fact sheet on eco-responsibility was widely disseminated, especially during volunteer training.



Informational signage on the dock site



Areas of improvement to consider

Clear commitment

- C2 Montreal's eco-responsibility targets should exceed the requirements of [BNQ9700-253/2010](#).

External communications

- Information sent in advance (for staff) and on-site (for participants) about transportation alternatives and send the information to suppliers as well (especially labour suppliers).

Visibility on the site

- Although the visibility of the sorting stations has improved, it is not evident on site that all the material collected is sorted at an offsite centre. Find a way to communicate this information;
- Consider implementing a trio of waste containers to send a more coherent message and further engage the participant's reflection;
- Green Brigade on site; awareness and information;
- Provide even more visibility to the sorting stations, locating them in sight of everyone;
- Lack of clarity concerning garbage and sorting containers in staff and volunteer cafeteria;
- Less successful communication for badge recovery;

- Increase quantity, size and attractiveness of signage to demonstrate our successes;
- Communication regarding Nespresso coffee cups was a failure – most people thought they were recyclable, and there were only a few identified “glass” containers, not enough to cover the entire site.

Internal communication

- Several elements of eco-responsibility (compost, glasses, etc.) should be known by all staff, with: information to be included in briefs prior to the event, eco-responsibility site visits for the entire team, trainings for volunteers and concierges regarding eco-responsibility;
- Specific guided tours for partners (and use these visits as a marketing tool);
- Resource person to connect with the entire team, all departments.

Certified Event



The 2018 edition of C2 Montreal was classified by the Bureau de Normalisation du Québec's Eco-responsible Event Management Standard, BNQ 9700-253/2010.

This standard provides a framework for a voluntary certification program with the objective of reducing the environmental footprint of events while increasing economic and social benefits in the community.

With a total score of 353 out of 500, C2 Montreal 2018 achieved Level 3, as planned, and also met its goal to score higher than 2017.

TABLE 2

Summary of C2 Montreal scoring results since 2016

for the BNQ 9700-253/2010 standard

Areas of intervention	2016	2017	2018	Max.
1 - Supplier selection	55	53	64	100
Headquarters	17	17	17	30
Branch office	11	20	20	20
Sustainability commitment	15	6	15	30
Social considerations	12	10	12	20
2 - Equipment, power, and water management	43	46	54	100
Equipment characteristics	25	22	27	62
Energy and water consumption	10	10	10	10
Onsite power	8	14	17	28
3 - Waste management	60	70	85	100
Food surplus	20	20	20	20
Sorting system	40	50	65	80
4 - Food choices	33	91	85	100
Local products	15	58	60	60
Recognized or certified products	18	33	25	40
5 - Transportation and GHGs	65	75	65	100
Organization	15	15	15	30
Users (participants)	50	60	50	70
TOTAL	256	335	353	500



ENGAGEMENT AND VISIBILITY

Recognition and awards



Finalist in the “socioeconomic engagement” category of the [Les Vivats 2018](#) competition of the Conseil québécois des événements écoresponsables ([CQEER](#))



Ville de Montréal

Partner of the City of Montréal’s [Sustainable Montréal 2016–2020](#), for its commitment to achieve Action 8 of the plan: Organizing Environmentally Responsible Events and/or Zero Waste.



Winner in category “Sustainable event.” for the [9th Global Event Awards](#), by Eventex.



What's next

WHAT'S NEXT

Continuous improvement



Sensitive to social and environmental issues, the non-profit organization C2 Montreal has officially entered into a continuous improvement process in terms of environmentally responsible event management since 2016.

C2 Montreal's sustainable development approach is anchored in a continuous improvement logic. C2 Montreal must maintain its responsible actions and continue to make progress. Several actions can still be taken, and this report is the cornerstone of a 2019 edition that will be even better in terms of eco-responsible action.

To find out more about our eco-responsible commitments, our objectives and our achievements:

www.c2montreal.com/sustainability

Sources

- C2 Montréal édition 2018 : BILAN DE LA GESTION RESPONSABLE DE L'ÉVÉNEMENT, by Sara Courcelles, of the Conseil Québécois des Événements Écoresponsables (CQEER), 30/11/2018 (v.1), 12/12/2018 (v.2).
- Results of surveys conducted by MATREC, July 2018
- Results of collection and sorting at C2 Montreal 2018, by Coop Les Valoristes, July 2018.
- C2 Montréal 2018 : Participant satisfaction – Final report, presented by CROP, July 2018.
- Internal survey of the transportation used by C2 Montreal 2018 employees and freelancers, prepared internally by Maude Lamarche, Sustainability Project Manager, C2 Montreal, June 2018.
- Team workshops post-event, prepared internally by Maude Lamarche, Sustainability Project Manager, C2 Montreal, June 2018.



Appendices

Appendix



TABLE 3.1

Weight, quantity (where applicable) of residual materials from C2 Montreal 2018, by type as well as the proportion compared with total residual materials generated

Type of materials	Weight (kg)	Quantity	% of total materials
Compostable material generated by the event	3,815.0	N/A	7.7%
Hazardous materials	56.3	N/A	0.1%
Construction materials assembled and disassembled	16,380.0	N/A	33.3%
Recyclable materials generated by the event	7,744.0	N/A	15.7%
MATREC recycling - glass	1,805.0	N/A	3.7%
MATREC recycling - cardboard	1,360.0	N/A	2.8%
MATREC recycling - Paper-Glass-Metal	3,515.0	N/A	7.1%
Signage recycling (sorting centre) - <i>New</i>	905.5	6,687	1.8%
Recycling for the Eco-centre - <i>New</i>	30.0	N/A	0.1%
Nespresso pods (sorting centre)	126.9	N/A	0.3%
Cigarette butts - <i>New</i>	1.7	4,670	0.003%
Crushed and recycled asphalt	753,300	8,370 m²	93.9%
Waste destined for landfill	21,585.7	N/A	43.7%
Total residual materials	49,581		100 %
Diversion rate (without asphalt)		56%	
Diversion rate (with asphalt)		97.3%	

Sources: Matrec, Coop Les valoristes, Mégot Zéro and internal data 2018.

TABLE 3.2

Evolution of waste weighing results since 2016, C2 Montréal

<i>Collected data, per edition</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>
Total of material (kg)	57,000	66,859 (+ 17%)	49,581 (- 26%)
% in recycling	59%	72%	49%
% in composting	1%	1%	8%
Listed diversion rate	60%	72%	56%
Waste (kg), per participant, per day	1,25	0,83	1,03
Number of participants	6,000	6,500 (+ 8%)	7,000 (+ 8%)

Sources: Consortium Echo-logique (2016 and 2017), Matrec (2018), Coop Les valoristes (2018).

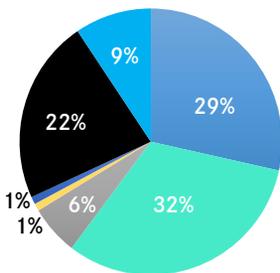
Appendix



Organization transportation *

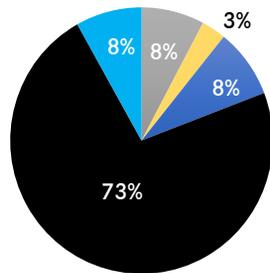
GRAPH 4.1

Distribution of the respondents by transportation mode



GRAPH 4.2

Distribution of the GHG emitted by transportation mode



LÉGENDE

- Subway
- Walk or bike
- Urban bus
- Intercity bus (coach)
- Train
- Gas or diesel car
- Carpooling
- Small truck or SUV
- Heavy truck
- Airplane

TABLE 4.3

Total GHG emissions (organization)

ESTIMATED TOTAL GHG EMISSIONS:

11,929.73
kgCO₂eq

DISTANCE TRAVELLED (ALL CUMULATIVE JOURNEYS):

188,162 km

* Organizers: Any person having contributed to the 2018 C2 Montreal event, whether as a staff member, supplier, conference speaker or aide.

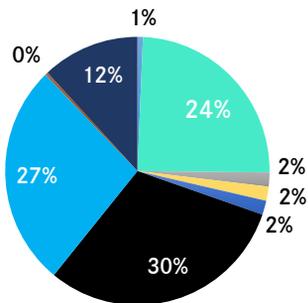
Appendix



Participant transportation *

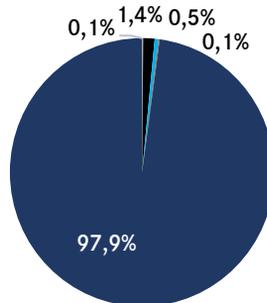
GRAPH 5.1

Distribution of the participants by transportation mode



GRAPH 5.1

Distribution of the GHG emitted by transportation mode



LÉGENDE

- Subway
- Walk or bike
- Urban bus
- Intercity bus (coach)
- Train
- Gas or diesel car
- Carpooling
- Small truck or SUV
- Heavy truck
- Airplane

TABLE 5.3

Total GHG emissions (participants)

ESTIMATED TOTAL GHG EMISSIONS:

1,615,870,80
kgCO₂eq

DISTANCE TRAVELLED (ALL CUMULATIVE JOURNEYS):

10,619,682 km

EQUIVALENT CO₂ WEIGHT OF THE AVERAGE GHG EMISSIONS GENERATED BY THE TRAVEL OF ORGANIZERS AND PARTICIPANTS:

26 467,14 kgCO₂eq

* Participants: Anyone having participated in the 2018 C2 Montreal event, as a participant, whether through the purchase of a ticket or by invitation, by direct purchase or through a business or special program.

Appendix



TABLE 6

Responses to the question: “What type of transportation did you use this year?” at C2 Montreal, for 2017 and 2018

Base: All respondents (2018 n=1923, 2017 n=1246)

Source: C2 Montreal 2018: Participant satisfaction – Final report, presented by CROP, July 2018.

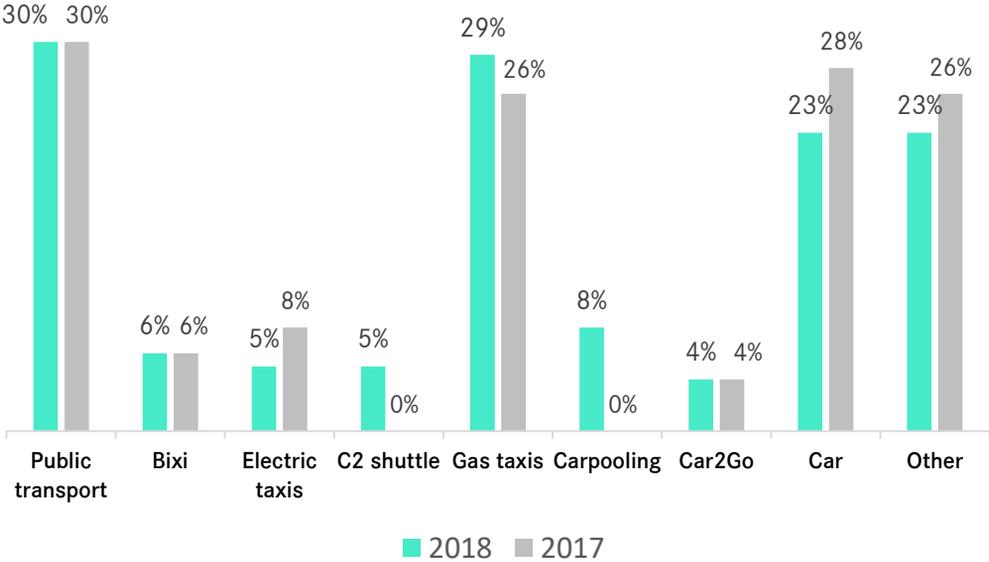


FIGURE 1

Carbon Offset Certificate - 2018 Edition



TABLE 1.2

Threshold for each level of the BNQ 9700-253 standard

MAXIMUM THRESHOLD	MINIMUM THRESHOLD	LEVEL
199 points	150 points	1
299 points	200 points	2
399 points	300 points	3
449 points	400 points	4
500 points	450 points	5

TABLE 5

Complete description of projects selected for Gold Standard carbon credits, via *Planetair*, C2 Montréal 2018

10%

REFORESTATION IN THE GREATER MONTREAL AREA • REFORESTATION

Conducted in the Greater Montreal Area, the project focuses on reforestation of degraded and unused land in urban and semi-urban areas, as well as the rehabilitation of forest ecosystems and the creation of greenspaces. New forests created through the planting of 403,976 trees are strategically located in the administrative regions of the Laurentians, Lanaudière, the Montérégie and Outaouais.

From this planting, carbon credits have been recognized by reforesting more than 217 hectares of fallow land. More concretely, 10 different species have made it possible for these green corridors to foster a gradual return to biodiversity, including the Kirtland Warbler, an endangered bird that breeds only in young grey pines. The project will also benefit runoff reduction and clean air.

These forest credits come from the first and only Gold Standard transition certification project in North America. The credits available for this project are Gold Standard validated credits that reflect the GHG offset that will occur over the life of the project from 2014 to 2064.

90%

INFRAVEST • WIND ENERGY

Taiwan, even with its privileged windy coastal position, still depends on coal resources to power more than 50% of its growing economy. Now, emerging wind farms on the west coast of the island are enabling and promoting a better climate future for the nation.

In addition to its positive impact on the global climate, the project is creating jobs and improving the quality of the environment by regularly cleaning up, for example, the beaches of waste that civilization leaves behind. Among other things, these activities generated national public interest in the project, which also contributes to local tourism activities through guided tours promoting the country's sustainable development.

Technically, the two wind farms consist of 65 wind turbines each with a capacity of 2.3 MW. At full capacity, the total project output of 507 GWh is transmitted to the Taipower regional public power authority. Its exceptional features earned the project the Geneva-based Gold Standard, the most stringent global standard for the voluntary carbon market.

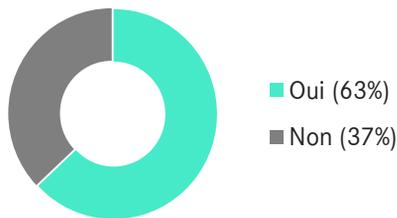
Appendix



TABLE 6.1

Waste-reduction measures noticed

RESPONSES AND PROPORTIONS OF RESPONDENTS, ON THE QUESTION: "DID YOU NOTICE ANY WASTE-REDUCTION MEASURES THAT WERE PUT IN PLACE DURING THE EVENT (COMPOST, WASTE SORTING, REUSABLE CUPS ETC.)? IF YES, WHICH ONES?"



- 35%**
Waste sorting/Different containers-waste bins
- 35%**
Reusable/recyclable cups and glasses
- 27%**
Reusable water bottles encouraged / No plastic water bottles / Water stations
- 23%**
Recycling (bins / messages / badges ...)
- 8%**
Composting
- 6%**
Reusable cutlery / plates, etc.
- 2%**
Didn't see any / No composting / Too many plastic cups
- 1%**
Nespresso: negative perception / Unclear if Nespresso cups recyclable

Source : C2 Montreal 2018: Participant satisfaction – Final report, presented by CROP, July 2018..

TABLE 6.2

Suggestions of participants for making C2 more environmentally responsible

RESPONSES AND PROPORTION OF RESPONDENTS, ON THE QUESTION: "DO YOU HAVE ANY SUGGESTIONS TO HELP C2 MONTREAL BECOME A MORE ENVIRONMENTALLY RESPONSIBLE EVENT?"

- 34%**
Prohibit plastic cups/Use reusable glasses/cups
- 19%**
Compost/recycling
- 16%**
Lend/Free water bottles/Reusable cups in exchange of a deposit (not charged)/More BYO bottle-cup
- 14%**
Maximize circular economy/More CSR activities
- 12%**
No single-serve coffee cups
- 5%**
Abolish/Recycle badges
- 5%**
Shuttle/bus service to the event (more often/from more locations)
- 5%**
Renewable energy powered C2 (solar, wind, human-powered, etc.)
- 5%**
More eco-responsible food vendors (compostable packaging, no plastic...)
- 4%**
Signage/more communication to promote environmental behavior
- 4%**
Bicycles/Bicycle-docking racks/Bixi
- 3%**
Less paper (schedule, workshop supplies, etc.)/Klik/Concierge instead
- 2%**
More water refill dispensers
- 1%**
Limit your impact on the environment on your direct environment

Source : C2 Montreal 2018: Participant satisfaction – Final report, presented by CROP, July 2018.