

Greenhouse Gas Protocol (Dual Reporting) Report for Dawson College

Assessment Period: July 2021 - June 2022

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Assessment Details

Consolidation Approach

Operational control

Organisational Boundaries

Operations of Dawson College

Included

- Dawson College
- Dawson College

Operational Boundary

- Acetylene
- Air travel
- Air travel- Student travel
- Bicycle
- Bus and coach
- Buses
- Buses, whole vehicle
- Capital Goods
- Cars
- Composted waste
- Electricity
- Employee owned cars
- Hazardous waste
- Hired cars
- Homeworkers
- Hotel night stays
- Investments
- Landfilled waste
- Leased trucks
- Leased vans
- Motorcycle
- Natural gas
- Off-road vehicles and equipment
- On foot
- Other fuel(s)
- Purchased Food
- Purchased Goods and Services
- Purchased Office Materials and Equipment
- Rail (train, tram, light rail, underground)
- Recycled waste
- Refrigerant gas loss and other fugitive emissions
- Server use
- Taxi
- Water supply
- Water treatment

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Introduction

A greenhouse gas (GHG) emissions assessment quantifies the total greenhouse gases produced directly and indirectly from a business or organisation's activities. Also known as a carbon footprint, it is an essential tool, providing your business with a basis for understanding and managing its climate change impacts.

A GHG assessment quantifies all seven Kyoto greenhouse gases where applicable and is measured in units of carbon dioxide equivalence, or CO_2e^1 . The seven Kyoto gases are carbon dioxide (CO_2) , methane (CH_4) , nitrous oxide (N_2O) , hydrofluorocarbons (HFCs), nitrogen trifluoride (NF_3) , sulphur hexafluoride (SF_6) and perfluorocarbons (PFCs). The global warming potential (GWP) of each gas is illustrated in the Table 1.

Table 1. GWP of Kyoto Gases (IPCC 2013, without climate-carbon feedback)

Greenhouse Gas	GWP
Carbon dioxide (CO ₂)	1
Methane (CH ₄)	28
Nitrous oxide (N ₂ O)	265
Hydrofluorocarbons (HFCs)	1 - 12,400
Perfluorocarbons (PFCs)	1 - 11,100
Nitrogen trifluoride (NF ₃)	16,100
Sulphur hexafluoride (SF ₆)	23,500

This assessment has been carried out in accordance with the World Business Council for Sustainable Development and World Resources Institute's (WBCSD/WRI) Greenhouse Gas Protocol; a Corporate Accounting and Reporting Standard, including the GHG Protocol Scope 2 Guidance. This protocol is considered current best practice for corporate or organisational greenhouse gas emissions reporting. GHG emissions have been reported by the three WBCSD/WRI Scopes.

Scope 1 includes direct GHG emissions from sources that are owned or controlled by the company such as natural gas combustion and company owned vehicles.

Scope 2 accounts for GHG emissions from the generation of purchased electricity, heat and steam generated off-site. As the subject of this assessment operates in markets which offer contractual instruments with product or supplier-specific data, scope 2 emissions are reported using both the location-based method and the market-based method. The location-based method applies average emission factors that correspond to the grid where consumption occurs, whereas the market-based method applies emission factors that correspond to energy purchased (or not purchased) through contractual instruments. Contractual instruments include energy attribute certificates, direct energy contracts, and supplier specific emission rates. The subject of this assessment has ensured that any contractual instruments used in the market-based method have met the Scope 2 Quality Criteria, as defined in the Guidance. Where contractual instruments do not meet the Quality Criteria, or where contractual instruments were not purchased, market-based scope 2 emissions have been calculated using residual mix emission factors. Where residual mix emission factors are not available, market-based scope 2 emissions have been calculated using default location grid-average emission factors, per the Protocol hierarchy. This may result in double counting between electricity consumers, as an adjusted emission factor taking into account voluntary purchases of electricity with specific attributes was not available.

Scope 3 includes all other indirect emissions such as waste disposal, business travel and staff commuting. Reporting of these activities is optional under the WBCSD/WRI GHG Protocol, but as they can contribute a significant portion of overall emissions Ecometrica recommends they are reported where applicable.

A GHG assessment is an essential tool in the process of monitoring and reducing an organisation's climate change impact as it allows reduction targets to be set and action plans formulated. GHG assessment results can also allow organisations to be transparent about their climate change impacts through reporting of GHG emissions to customers, shareholders, employees and other stakeholders. Regular assessments allow clients to track their progress in achieving reductions over time and provide evidence to support green claims in external marketing initiatives such as product labelling or CSR reporting. Ecometrica GHG assessments are designed to be transparent, consistent and repeatable over time.

¹ Carbon dioxide equivalent or CO₂e is a term for describing different greenhouse gases in a common unit. For any quantity and type of greenhouse gas, CO₂e signifies the amount of CO₂ which would have the equivalent global warming impact.

Data Quality and Availability

In order to provide the most accurate estimate of an organisation's GHG emissions, primary (actual) data should be used where it is available, up to date and geographically relevant. Secondary data in the form of estimates, extrapolations and industry averages may be used when primary data is not available. Table 2 details the quality of data submitted for this assessment with the key assumptions used stated below.

Data Quality Overview



Location-based				
Accuracy Overview	tCO ₂ e/year	%		
Actual	2,752	52.5		
Estimated	2,488	47.5		
Total	5,240	100		



Market-based		
Accuracy Overview	tCO ₂ e/year	%
Actual	2,752	52.5
Estimated	2,488	47.5
Total	5,240	100

Table 2. Data Quality and Availability

Source of emissions	Data quality
Premises	
Acetylene	Estimated
Composted waste	Actual
Electricity	Actual
Hazardous waste	Estimated
Landfilled waste	Actual
Natural gas	Actual
Off-road vehicles and equipment	Estimated
Other fuel(s)	Estimated
Recycled waste	Estimated
Refrigerant gas loss and other fugitive emissions	Estimated
Water supply	Actual
Water treatment	Estimated
Business Travel	
Air travel	Estimated
Air travel- Student travel	Actual

Bus and coach	Estimated
Buses, whole vehicle	Actual
Employee owned cars	Estimated
Hired cars	Estimated
Hotel night stays	Estimated
Rail (train, tram, light rail, underground)	Estimated
	Estimated
Commuting	
Bicycle	Actual
Bus and coach	Estimated
	Mixed
Cars	Mixed
Motorcycle	
On foot	Actual
Rail (train, tram, light rail, underground)	Mixed
Homeworkers	
Homeworkers	Estimated
Third Party Vehicle Use	
Leased trucks	Estimated
Leased vans	Estimated
Leased Assets	
Electricity	Actual
Natural gas	Actual
Water supply	Actual
Capital goods	
Capital Goods	Mixed
Purchased Goods and Services	
Purchased Food	Actual
Purchased Goods and Services	Mixed
Purchased Office Materials and Equipment	Mixed
Investments	
Investments	Actual
Server Use	
Server use	Actual
Physical Education Department	
Buses	Estimated
Cars	Estimated
Hotel night stays	Estimated
Other fuel(s)	Estimated
Purchased Food	Estimated
Rail (train, tram, light rail, underground)	Estimated

Key Assumptions

General

- All emissions were calculated using the Ecometrica Sustainability platform, a software which automatically selects the most geographically and temporally appropriate emission factors and non-standard conversions (e.g. fuel efficiency, heat content) for each emission source. Each of the emission factors and non-standard conversions is associated with a level of uncertainty, assigned by the tool based on its associated level of scientific certainty.
- Ecometrica did not review raw data or internal data collection systems. All data provided is assumed to be accurate and complete.

Premises

- Water treatment included the average volume of rainwater, snowfall, and water consumption for the duration of the assessment period. To account for the volume of rainwater and snowfall, the total water consumption was multiplied by 1.5. The average water treatment volume was calculated using data from 2019 to 2022.
- Data for off-roads vehicles and equipment were estimated according to landscaping and construction activities performed during the assessment period.
- Composted waste data was estimated by Dawson College by converting units of volume to kilograms using a conversion factor of 0.87 L/kg provided by the compost service supplier.
- · Recycled waste was estimated by Dawson College using invoices from their metal recycling service supplier.
- Hazardous waste was estimated from documents received by Dawson College's facilities management.
- Acetylene consumption was estimated using an invoice from the 2020-2021 period.
- No refrigerant gas was used during the assessment period however Dawson College chose to report a minimum estimated quantity of 1.

Business Travel

• Business travel asides from student air travel and whole busses were estimated by Dawson College using an assumed number of trips for various distances.

Commuting

• Commuting was estimated by Dawson College using a survey to determine the percentage of each mode of transportation used for both staff and students. This was then multiplied by the total number of staff and students as well as by an average roundtrip distance.

Homeworkers

- Ecometrica uses an in-house developed home worker model to estimate homeworker emissions that are geographically and temporally specific. The model includes three distinct energy demands – home office equipment, space heating, and space cooling. The assumed energy use of home office equipment is constant across all countries whereas the energy required for heating and cooling the home varies significantly and is based on country-specific data.
- Homeworker days were calculated by Dawson College for employees using the assumption that 90% of staff worked from home one day per week. It was also assumed that staff worked 235 days while teachers worked 150 days. Using these values of total days worked, the number of days worked from home for both staff and teachers was extrapolated.

Third Party Vehicle Use

• Third party vehicle use was estimated by Dawson College using an assumed number of trips for various distances.

Purchased Goods and Services, Capital Goods, Investments and Server Use

• Purchased goods and services, capital goods, investments and server use were all determined using the spend based approach.

Physical Education Department

• Activities related to the physical education department were estimated by Dawson College based on the number of trips made and the number of students per trip.

Assessment Summary for Dawson College Gross Overall Emissions (location-based): 5,240 tCO₂e Gross Overall Emissions (market-based): 5,240 tCO₂e

Key Performance Indicators

Absolute GHG emissions will vary over time and often correspond to the expansion or contraction of an organisation. It is useful therefore to use reporting metrics that take these effects into account and monitor relative GHG emissions intensity. A common emissions intensity metric is tonnes of CO₂e per full time equivalent. This has been calculated, along with other relevant metrics, in the table below:

Data	КРІ
82,490 Floor area (square metres)	0.0635 tCO ₂ e per square metre (Location-Based)
906 Full Time Equivalent Employees	5.78 tCO ₂ e per Full Time Equivalent Employee (Location-Based)
9,384 Number of students	0.558 tCO ₂ e per student (Location-Based)
82,490 Floor area (square metres)	0.0635 tCO ₂ e per square metre (Market-Based)
906 Full Time Equivalent Employees	5.78 tCO ₂ e per Full Time Equivalent Employee (Market-Based)
9,384 Number of students	0.558 tCO ₂ e per student (Market-Based)

Summary by Activity (Location-Based, tCO2e)

В	by Activity	tCO ₂ e/year	%
	Commuting	2,000	38.2
	Purchased Goods and Services	1,517	29
	Premises	641	12.2
	Capital goods	513	9.79
	Business Travel	212	4.04
	Leased Assets	173	3.3
	Homeworkers	109	2.08
	Investments	49.7	0.949
	Server Use	19.5	0.373
	Physical Education Department	3.25	0.062
Ī	Third Party Vehicle Use	1.74	0.0332
	Total	5,240	100

Summary by Activity (Market-Based, tCO₂e)

	By Activity	tCO ₂ e/year	%
	Commuting	2,000	38.2
	Purchased Goods and Services	1,517	29
	Premises	641	12.2
	Capital goods	513	9.79
	Business Travel	212	4.04
	Leased Assets	173	3.3
	Homeworkers	109	2.08
	Investments	49.7	0.949
	Server Use	19.5	0.373
	Physical Education Department	3.25	0.062
	Third Party Vehicle Use	1.74	0.0332
	Total	5,240	100

Summary by WBCSD/WRI Scope (Location-Based, tCO2e)



By Activity		tCO ₂ e/year	%
Scope 1		454	8.67
Scope 2		19.8	0.378
Scope 3		4,766	91
	Total	5,240	100

Summary by WBCSD/WRI Scope (Market-Based, tCO2e)



By Activity		tCO ₂ e/year	%
Scope 1		454	8.67
Scope 2		19.8	0.378
Scope 3		4,766	91
	Total	5,240	100

Summary by Greenhouse Gas

Greenhouse Gas	GWP	tGHG/year (Location-Based)	tCO ₂ e/year (Location-Based)	tGHG/year (Market-Based)	tCO ₂ e/year (Market-Based)
CO ₂	1	4,542	4,542	4,542	4,542
CH4	28	7.66	214	7.66	214
N ₂ O	265	0.14	37.1	0.14	37.1

CO ₂ e (other gases)	1	122	122	122	122
CO ₂ e	1	324	324	324	324
		Total	5,240		5,240

Summary of Scope 2 Market-Based Method for Dawson College

Energy Consumed and Emissions By Factor Type In Scope 2 Market-Based Method Scope 2 Market-Based Energy Scope 2 Market-Based Emissions





Emission Factor Type	Ene	rgy	Market-Based Emissions	
	MWh	%	tCO ₂ e	%
Client-supplied market-based instrument	0	0	0	0
Residual mix factors	0	0	0	0
Default location-based factors	13,208	100	19.8	100
 Total	13,208	100	19.8	100

Detailed Results

Detailed Summary by WBCSD/WRI Scope

Location-Based methodology

Source of Emissions	tCO ₂ /yr	tCH₄/yr	tN ₂ O/yr	Total Emissions (tCO ₂ e/yr)	%
Scope 1 Total	452	0.0102	0.00829	454	8.67%
Physical Education Department Total	0.0192	2.64e-7	1.19e-6	0.0195	3.73e-4%
Other fuel(s)	0.0192	2.64e-7	1.19e-6	0.0195	3.73e-4%
Premises Total	452	0.0102	0.00828	454	8.67%
Acetylene	0.0816	0	0	0.0816	0.00156%
Natural gas	449	0.00862	0.00815	451	8.61%
Off-road vehicles and equipment	2.01	0.00151	1.18e-4	2.08	0.0397%
Other fuel(s)	0.921	3.69e-5	1.26e-5	0.925	0.0177%
Refrigerant gas loss and other fugitive emissions	0	0	0	0.001	1.91e-5%
Scope 2 Total	19.8	0	0	19.8	0.378%
Premises Total	19.8	0	0	19.8	0.378%
Electricity	19.8	0	0	19.8	0.378%
Scope 3 Total	4,070	7.65	0.132	4,766	91%
Business Travel Total	210	0.00183	0.00686	212	4.04%
Air travel	14	6.34e-5	4.45e-4	14.1	0.269%
Air travel- Student travel	177	9.16e-4	0.00561	179	3.41%
Bus and coach	0.18	1.31e-4	7.55e-6	0.186	0.00355%
Buses, whole vehicle	12.2	5.01e-4	6.94e-4	12.4	0.237%
Employee owned cars	1.69	4.51e-5	3.1e-5	1.7	0.0325%
Employee owned cars: Electricity - transmission & distribution losses (MCR)	5.29e-6	0	0	5.29e-6	1.01e-7%
Hired cars	2.54	7.69e-5	4.11e-5	2.55	0.0487%
Hired cars: Electricity - transmission & distribution losses (MCR)	4.53e-6	0	0	4.53e-6	8.65e-8%
Hotel night stays	0.619	1.22e-5	1.14e-5	0.622	0.0119%
Rail (train, tram, light rail, underground)	0.959	7.82e-5	2.17e-5	0.967	0.0185%
Taxi	0.199	9.59e-6	6.05e-7	0.2	0.00381%
Capital goods Total	448	0.909	0	513	9.79%
Capital Goods	448	0.909	0	513	9.79%
Commuting Total	1,896	0.359	0.0255	2,000	38.2%
Bicycle	0	0	0	0	0%
Bus and coach	832	0.315	0.0136	844	16.1%
Cars	1,021	0.0387	0.0113	1,025	19.6%
Cars: Average unknown fuel car, upstream emissions	0	0	0	87.3	1.67%
Cars: Electricity - transmission & distribution losses (MCR)	1.01e-4	0	0	1.01e-4	1.92e-6%

0.56%	29.3	4.16e-4	0.00452	29.1	Motorcycle
1.05e-5%	5.52e-4	0	0	5.52e-4	Motorcycle: Electricity - transmission & distribution losses (MCR)
0%	0	0	0	0	On foot
0.282%	14.8	1.72e-4	0.00123	14.1	Rail (train, tram, light rail, underground)
2.08%	109	0.00198	0.0021	109	Homeworkers Total
2.08%	109	0.00198	0.0021	109	Homeworkers
0.949%	49.7	0	0	46.9	Investments Total
0.949%	49.7	0	0	46.9	Investments
3.3%	173	0.00254	0.00268	141	Leased Assets Total
0.0176%	0.925	0	0	0.925	Electricity
1.85e-4%	0.00969	0	0	0.00969	Electricity: Electricity - transmission & distribution losses
9.06e-4%	0.0475	0	0	0	Electricity: Electricity grid, T&D losses, upstream emissions
0.0827%	4.33	0	0	0	Electricity: Electricity grid, generated, upstream emissions
2.68%	140	0.00254	0.00268	140	Natural gas
0.514%	26.9	0	0	0	Natural gas: Natural gas (100% mineral) (net CV), upstream emissions
0.0064%	0.335	0	0	0	Water supply
0.0616%	3.23	6.06e-5	0.00471	3.06	Physical Education Department Total
0.00833%	0.437	2.42e-5	1.76e-5	0.43	Buses
0.00121%	0.0631	1.4e-6	1.49e-6	0.0627	Cars
0.0361%	1.89	3.46e-5	3.7e-5	1.88	Hotel night stays
0.0155%	0.814	0	0.00465	0.665	Purchased Food
4.21e-4%	0.0221	4.43e-7	1.79e-6	0.0219	Rail (train, tram, light rail, underground)
3.18%	167	0	0	0.208	Premises Total
0.0115%	0.6	0	0	0	Composted waste
0.00396%	0.208	0	0	0.208	Electricity: Electricity - transmission & distribution losses
1.22e-4%	0.00639	0	0	0	Hazardous waste
1.13%	59	0	0	0	Landfilled waste
1.51%	79.4	0	0	0	Natural gas: Natural gas (100% mineral) (gross CV), upstream emissions
0.0012%	0.0629	0	0	0	Off-road vehicles and equipment: Diesel, 100% mineral, upstream emissions
7.01e-4%	0.0367	0	0	0	Other fuel(s): Lubricants, upstream emissions
0.00345%	0.181	0	0	0	Other fuel(s): Petrol, 100% mineral, upstream emissions
0.0211%	1.11	0	0	0	Recycled waste
0.134%	7.02	0	0	0	Water supply
0.367%	19.2	0	0	0	Water treatment
29%	1,517	0.0948	6.26	1,201	Purchased Goods and Services Total
3.33%	175	0.0948	1.07	80.2	Purchased Food

Total	4,542	7.66	0.14	5,240	100%
Leased vans	0.188	4.76e-6	1.54e-5	0.192	0.00366%
Leased trucks	1.53	6.26e-5	8.59e-5	1.55	0.0296%
Third Party Vehicle Use Total	1.71	6.73e-5	1.01e-4	1.74	0.0332%
Server use	15.5	0.112	0	19.5	0.373%
Server Use Total	15.5	0.112	0	19.5	0.373%
Purchased Office Materials and Equipment	184	0.815	0	211	4.02%
Purchased Goods and Services	937	4.37	0	1,132	21.6%

Market-Based methodology

Source of Emiss	sions	tCO ₂ /yr	tCH₄/yr	tN ₂ O/yr	Total Emissions (tCO ₂ e/yr)	%
Scope 1 Total		452	0.0102	0.00829	454	8.67%
Physica	I Education Department Total	0.0192	2.64e-7	1.19e-6	0.0195	3.73e-4%
	Other fuel(s)	0.0192	2.64e-7	1.19e-6	0.0195	3.73e-4%
Premise	es Total	452	0.0102	0.00828	454	8.67%
	Acetylene	0.0816	0	0	0.0816	0.00156%
	Natural gas	449	0.00862	0.00815	451	8.61%
	Off-road vehicles and equipment	2.01	0.00151	1.18e-4	2.08	0.0397%
	Other fuel(s)	0.921	3.69e-5	1.26e-5	0.925	0.0177%
	Refrigerant gas loss and other fugitive emissions	0	0	0	0.001	1.91e-5%
Scope 2 Total		19.8	0	0	19.8	0.378%
Premise	es Total	19.8	0	0	19.8	0.378%
	Electricity	19.8	0	0	19.8	0.378%
Scope 3 Total		4,070	7.65	0.132	4,766	91%
Busines	is Travel Total	210	0.00183	0.00686	212	4.04%
	Air travel	14	6.34e-5	4.45e-4	14.1	0.269%
	Air travel- Student travel	177	9.16e-4	0.00561	179	3.41%
	Bus and coach	0.18	1.31e-4	7.55e-6	0.186	0.00355%
	Buses, whole vehicle	12.2	5.01e-4	6.94e-4	12.4	0.237%
	Employee owned cars	1.69	4.51e-5	3.1e-5	1.7	0.0325%
	Employee owned cars: Electricity - transmission & distribution losses (MCR)	5.29e-6	0	0	5.29e-6	1.01e-7%
	Hired cars	2.54	7.69e-5	4.11e-5	2.55	0.0487%
	Hired cars: Electricity - transmission & distribution losses (MCR)	4.53e-6	0	0	4.53e-6	8.65e-8%
	Hotel night stays	0.619	1.22e-5	1.14e-5	0.622	0.0119%
	Rail (train, tram, light rail, underground)	0.959	7.82e-5	2.17e-5	0.967	0.0185%
	Taxi	0.199	9.59e-6	6.05e-7	0.2	0.00381%
Capital	goods Total	448	0.909	0	513	9.79%
	Capital Goods	448	0.909	0	513	9.79%

38.2%	2,000	0.0255	0.359	1,896	Commuting Total
0%	0	0	0	0	Bicycle
16.1%	844	0.0136	0.315	832	Bus and coach
19.6%	1,025	0.0113	0.0387	1,021	Cars
1.67%	87.3	0	0	0	Cars: Average unknown fuel car, upstream emissions
1.92e-6%	1.01e-4	0	0	1.01e-4	Cars: Electricity - transmission & distribution losses (MCR)
0.56%	29.3	4.16e-4	0.00452	29.1	Motorcycle
1.05e-5%	5.52e-4	0	0	5.52e-4	Motorcycle: Electricity - transmission & distribution losses (MCR)
0%	0	0	0	0	On foot
0.282%	14.8	1.72e-4	0.00123	14.1	Rail (train, tram, light rail, underground)
2.08%	109	0.00198	0.0021	109	Homeworkers Total
2.08%	109	0.00198	0.0021	109	Homeworkers
0.949%	49.7	0	0	46.9	Investments Total
0.949%	49.7	0	0	46.9	Investments
3.3%	173	0.00254	0.00268	141	Leased Assets Total
0.0176%	0.925	0	0	0.925	Electricity
1.85e-4%	0.00969	0	0	0.00969	Electricity: Electricity - transmission & distribution losses
9.06e-4%	0.0475	0	0	0	Electricity: Electricity grid, T&D losses, upstream emissions
0.0827%	4.33	0	0	0	Electricity: Electricity grid, generated, upstream emissions
2.68%	140	0.00254	0.00268	140	Natural gas
0.514%	26.9	0	0	0	Natural gas: Natural gas (100% mineral) (net CV), upstream emissions
0.0064%	0.335	0	0	0	Water supply
0.0616%	3.23	6.06e-5	0.00471	3.06	Physical Education Department Total
0.00833%	0.437	2.42e-5	1.76e-5	0.43	Buses
0.00121%	0.0631	1.4e-6	1.49e-6	0.0627	Cars
0.0361%	1.89	3.46e-5	3.7e-5	1.88	Hotel night stays
0.0155%	0.814	0	0.00465	0.665	Purchased Food
4.21e-4%	0.0221	4.43e-7	1.79e-6	0.0219	Rail (train, tram, light rail, underground)
3.18%	167	0	0	0.208	Premises Total
0.0115%	0.6	0	0	0	Composted waste
0.00396%	0.208	0	0	0.208	Electricity: Electricity - transmission & distribution losses
1.22e-4%	0.00639	0	0	0	Hazardous waste
1.13%	59	0	0	0	Landfilled waste
1.51%	79.4	0	0	0	Natural gas: Natural gas (100% mineral) (gross CV), upstream emissions
					Off-road vehicles and equipment: Diesel, 100%
0.0012%	0.0629	0	0	0	mineral, upstream emissions

T	otal 4,542	7.66	0.14	5,240	100%
Leased vans	0.188	4.76e-6	1.54e-5	0.192	0.00366%
Leased trucks	1.53	6.26e-5	8.59e-5	1.55	0.0296%
Third Party Vehicle Use Total	1.71	6.73e-5	1.01e-4	1.74	0.0332%
Server use	15.5	0.112	0	19.5	0.373%
Server Use Total	15.5	0.112	0	19.5	0.373%
Purchased Office Materials and Equipment	184	0.815	0	211	4.02%
Purchased Goods and Services	937	4.37	0	1,132	21.69
Purchased Food	80.2	1.07	0.0948	175	3.33%
Purchased Goods and Services Total	1,201	6.26	0.0948	1,517	29%
Water treatment	0	0	0	19.2	0.367%
Water supply	0	0	0	7.02	0.134%
Recycled waste	0	0	0	1.11	0.0211%
Other fuel(s): Petrol, 100% mineral, upstream emissions	0	0	0	0.181	0.00345%

Summary by Company Unit

Location-Based methodology

Assessment	July 2020 - June 2021		July 2020 - June 2021 July 2021 - June 20		June 2022
Company Unit	Total Emissions (tCO ₂ e)	Emissions per FTE (tCO ₂ e/FTE)	Total Emissions (tCO ₂ e)	Emissions per FTE (tCO ₂ e/FTE)	
Dawson College	1,269	1.52	5,240	5.78	
Dawson College	1,269	-	5,240	-	

Market-Based methodology

Assessment	July 2020 - June 2021		July 2020 - June 2021 July 2021 - June 2022		June 2022
Company Unit	Total Emissions (tCO ₂ e)	Emissions per FTE (tCO ₂ e/FTE)	Total Emissions (tCO ₂ e)	Emissions per FTE (tCO ₂ e/FTE)	
Dawson College	1,269	1.52	5,240	5.78	
Dawson College	1,269	-	5,240	-	

Annual Activity Data

Airtravet 58,000 pass.km Interpretation of the second of the	Source of Emissions	Value	Unit
IndexSuder average class98,00098,800Air tarwi-suder tarwi28,07098,800Air tarwi-suder tarwi28,07098,800Bus minor28,07098,800Bus minor28,07098,800Bus minor28,07098,800Bus minor28,07098,800Bus be vehicle14,07080,000Bus be vehicle200080,000Employee vehicle30,00080,000Employee vehicle14,07080,000Employee vehicle14,07080,000Employee vehicle14,00080,000Employee vehicle12,00080,000Employee vehicle12,00080,000Employee vehicle12,00080,000Employee vehicle12,00080,000Average battery electric car (not company owned)12,00080,000Average battery electric car (not company owned)12,00080,000Imployee12,00012,00080,000Imployee12,00012,00080,000Imployee12,00012,00080,000Imployee12,00012,00080,000Imployee12,00012,00080,000Imployee12,00012,00080,000Imployee12,00012,000 <th>Business Travel</th> <th></th> <th></th>	Business Travel		
Medium-haul, average dasspasodpasodAirtawi-Student travel2,289,703pass.MaBus datama data pasod2,289,703pass.MaBus datama data pasod2,289,703pass.MaBus data pasod2,289,703pass.MaBus data pasod2,050pasodBus data pasod2,050kmBus data pasod2,050kmAverage battery electric car (not company owned)1,400kmAverage battery electric car (not company owned)1,400kmAverage typid car1,000kmAverage or (unknown fue)1,000kmAverage or (unknown fue)3,000kmAverage or (unknown fue)3,000kmAverage or (unknown fue)1,000pass.MaAverage or (unknown fue)1,000pass.MaBased1,000pass.MaBased1,000pass.MaAverage or (unknown fue)1,000pass.MaAverage or (unknown fue)1,000pass.MaBased1,000pass.MaBased1,000pass.MaBased1,000pass.MaBased1,000pass.MaBased1,000pass.MaBased1,000pass.MaBased1,000pass.MaBa	Air travel		
Air travelLong-haul, economy2.289.703pas.kmBusenbecomy2.289.703pas.kmBusenbecomy2.500pas.kmBusenbecomy1.407kmBusenbecomy1.407kmBusenbecomy1.407kmBusenbecomy1.400kmFingero1.400kmFingero1.400kmAverage tatting electric car (not company owned)1.400kmAverage tatting electric car (not company owned)1.400kmAverage tatting electric car (not company owned)1.200kmAverage tatting electric car (not compan	Long-haul, average class	59,800	pass.km
Long-hail, economy2,88,733gas.kmBus-locGoodgas.kmBus-locGoodgas.kmBus-locGoodkmBus-locGoodkmBus-locGoodkmBus-locGoodkmBus-locAverage car (unknown fue)1,400kmAverage car (unknown fue)1,400kmAverage car (unknown fue)1,400kmAverage car (unknown fue)3,000kmAverage car (unknown fue)3,000kmAverage car (unknown fue)3,000kmAverage car (unknown fue)3,000kmAverage car (unknown fue)1,000kmAverage car (unknown fue)3,000kmAverage car (unknown fue)3,000kmAverage car (unknown fue)1,000kmAverage car (unknown fue)1,000kmIntervity/National train1,000kmAverage car (unknown fue)1,200kGAIntervity/National train1,200kGAIntervity/National train1,200kGAIntervity/National train1,200kGAIntervity/National train1,200kGAIntervity/National train1,200kGAIntervity/N	Medium-haul, average class	98,800	pass.km
bus and coach Coach 20,000 pass.km Buses, kmole vehicle Desel Bus Gasoline bus 200 km Employ=counced car Average act (unknown fuel) 1,000 km Average act (unknown fuel) 1,000 km Average act (unknown fuel) 1,000 km Hiter d ar Average act (unknown fuel) 1,000 km Hiter d ar Average act (unknown fuel) 1,000 km Hoter hight stays	Air travel- Student travel		
Coch0.500pas.MBuesJordMarcaJordJordMarcaGasoline bus00MarcaEmployMarcaMarcaAverage battery electric car (not company owned)Al00MarcaAverage car (unknown fuel)Al00MarcaAverage battery electric car (not company owned)Al00MarcaAverage battery electric car (not company owned)Al00MarcaHale inght staysAverage battery electric car (not company owned)Al00MarcaRall (tar)Average battery electric car (not company owned)Al00MarcaRall (tar)Average battery electric car (not company owned)Al00MarcaRall (tar)Average battery electric car (not company owned)Al00MarcaRall (tar)Alon (tar)Al	Long-haul, economy	2,289,703	pass.km
Buses. whole vehicle 14.070 kin Gasoline bus 00 kin Average battery electric car (not company owned) 1,400 kin Average tart (unknown fuel) 6,100 kin Average tart (unknown fuel) 6,100 kin Average tart (unknown fuel) 1,400 kin Average tart (unknown fuel) 1,400 kin Average tart (unknown fuel) 1,400 kin Average tart (unknown fuel) 8,000 kin Rail (trait	Bus and coach		
Image: bis bisImage: bis	Coach	20,500	pass.km
Gasoline bus200kmEmployeeAverage battery electric car (not company owned)1,400kmAverage car (unknown fuel)6,100kmAverage car (unknown fuel)1,400kmHired Average car (unknown fuel)8,000kmAverage car (unknown fuel)3,000kmAverage car (unknown fuel)3,000kmHotel night saty50mHotel night saty50mRail (tai)Intercity and (tai)mask.rmRail (tai)Intercity and (tai)mRail (tai)Intercity and (tai)mTaxiVerage taxi1,100mYVerage taxi1,100kmI conditioning, refrigeration, and warm air heating equipment1,232KADA conditioning, refrigeration, and warm air heating equipment1,232KADI conditioning,	Buses, whole vehicle		
Employment cars1.400KmAverage battery electric car (not company owned)6.100KmAverage car (unknown fue)6.100KmAverage battery electric car (not company owned)1.400KmAverage battery electric car (not company owned)8.000KmAverage car (unknown fue)8.000KmAverage car (unknown fue)3.000KmAverage car (unknown fue)3.000KmAverage car (unknown fue)3.000KmAverage car (unknown fue)5.00MmAverage car (unknown fue)3.000KmAverage car (unknown fue)3.000KmAverage car (unknown fue)5.00MmAverage car (unknown fue)1.00MmAverage tar (unkn	Diesel Bus	14,070	km
Average battery electric car (not company owned)1.400KmAverage car (unknown fuel)6.100KmAverage hybrid car1.400KmIter UKarage battery electric car (not company owned)8.000KmAverage car (unknown fuel)8.000KmAverage car (unknown fuel)3.000KmAverage car (unknown fuel)3.000KmAverage hybrid car3.000KmHotel right stays50nightAverage hybrid car1.600pass.kmRait (tram, light rail, underground)1.600pass.kmTaxiIntercity/National train1.600pass.kmAverage taxi1.000kmmAverage taxi1.000k	Gasoline bus	200	km
Average car (unknown fuei)6,100kmVerage hybrid car1,400kmHirde U1,200kmAverage battery electric car (not company owned)1,200kmAverage car (unknown fuei)8,000kmAverage car (unknown fuei)3,000kmAverage hybrid car3,000kmHotel nijht stays3,000kmMore rail1,000kmRail (trait, tram, light rail, underground)1,650pass.kmTaxiVorage taxi1,600pass.kmCommuter rail1,100kmmAverage taxi1,100kmMCatil UVorage taxi1,200kmCatil UVorage taxi <t< td=""><td>Employee owned cars</td><td></td><td></td></t<>	Employee owned cars		
Nerge hybrid car1,400kmHired → Nerge battery electric car (not company owned)1,200KmAverage car (unknown fuel)8,000KmAverage car (unknown fuel)3,000KmAverage hybrid car3,000KmHotel nijht staysNightNightRail (trait, tram, light rail, underground)1,600pass.kmRail (trait, tram, light rail, underground)1,600pass.kmTaxiVNightNightCommuter rail1,100kmNightAverage taxi1,100kmNightCapital Jose1,100kmNightCapital Jose1,100kmNightLip Lip Lip Lip Lip Lip Lip Lip Lip Lip	Average battery electric car (not company owned)	1,400	km
Hired ⊏ Filted Filter Car (not company owned) 1,200 kn Average car (unknown fue) 8,000 kn Average hybrid car 3,900 kn Average hybrid car 3,900 kn Hotel Injett stays 50 night Rail (trajkt stays 50 pass.km Rail (trajkt stays 1,650 pass.km Taxi 1,600 pass.km Average taxi 1,100 kn Average taxi 1,200 kAD Average taxi 1,200 kn Capital Social computers kAD Average taxi 1,200 kAD Average taxi 1,200 kAD Average taxi kAD kAD Average taxi stord kAD Average taxi stord kAD Average taxi stord kAD Average taxi <td>Average car (unknown fuel)</td> <td>6,100</td> <td>km</td>	Average car (unknown fuel)	6,100	km
Average battery electric car (not company owned) 1,200 km Average car (unknown fue) 8,000 km Average car (unknown fue) 3,000 km Average hybrid car 3,000 km Hotel night stays 50 night Rail (tri), tram, light rail, underground) 1,600 pass.km Commuter rail 1,600 pass.km Taxi 1,600 pass.km Average taxi (train) 1,100 km Capital pools in conditioning, refrigeration, and warm air heating equipment 2,32 KCAD automobiles automobiles 1,126 kCAD in conditioning, refrigeration, and warm air heating equipment 2,82 kCAD in conditioning, refrigeration, and warm air heating equipment 1,82 kCAD in conditioning, refrigeration, and warm air heating equipment 2,82 kCAD in conditioning, refrigeration, and warm air heating equipment 8,80 kCAD in conditioning, refrigeration and maintenance 9,85 kCAD in the air point and maintenance 9,85 kCAD in the air point and maintenance 1,82 <	Average hybrid car	1,400	km
Average car (unknown fuel)8,000kmAverage hybrid car3,900kmHotel night stays3,900kmHotel night stays50nightRail (trai, tram, light rail, underground)1,650pass.kmIntercity/National train1,600pass.kmTaxiAverage taxi1,100kmCommuter rail1,100kmCapital GoodsstartstartCapital Goodsstartstartir conditioning, refrigeration, and warm air heating equipment23.2k CADautomobiles1,126k CADi conditioning, refrigeration, and warm air heating equipment1,263k CADi conditioning, refrigeration, and warm air heating equipment25.4k CADi conditioning, refrigeration, and warm air heating equipment25.4k CADi conditioning, refrigeration, and warm air heating equipment25.5k CADi conditioning, refrigeration, and warm air heating equipment25.4k CADi conditioning, refrigeration, and warm air heating equipment25.4k CADi conditioning, refrigeration, and warm air heating equipment25.5k CADi conditioning, refrigerationi conditioning, refrigerationk CADi conditioning, refrigerationi conditioning, refrigeration<	Hired cars		
kverage hybrid car kverage hybrid car kotel night stays kotel nigh	Average battery electric car (not company owned)	1,200	km
Hotel night stays 50 night Rail (train, light rail, underground) 50 pass.km Rail (train) formuter rail formoder rail formoder rail Intercity/National train 1,600 pass.km Taxi intercity/National train 1,600 pass.km Capital José 1,100 km secondard rain Capital José secondard rain formoder rain formoder rain Capital José secondard rain rain transition group ment gal rain k CAD I conditioning, refrigeration, and warm air heating equipment gal rain k CAD I computers secondard rain formoder rain formoder rain I computers secondard rain formoder rain formoder rain I computers secondard rain formoder rain formoder rain I computer rain secondard rai	Average car (unknown fuel)	8,000	km
Hotel night stays 50 night Rail (rail, underground) 2000000000000000000000000000000000000	Average hybrid car	3,900	km
Rail (train, light rail, underground) 1,650 pass.km Intercity/National train 1,600 pass.km Taxi 1,100 km Captat pool 1,120 km Captat pool 1,627 km Captat pool 1,620 km Captat pool	Hotel night stays		
Commuter rail1,650pas.kmIntercity/National train11,600pas.kmTaxi11,000pas.kmTaxiAverage taxi1,100kmCapital goods1,100kmCapital goods1,200k CADa ir conditioning, refrigeration, and warm air heating equipment23.2k CADa it conditioning, refrigeration, and warm air heating equipment1,200k CADa it conditioning, refrigeration, and warm air heating equipment1,200k CADa electronic equipment repair and maintenance985k CADa folware255k CADBicycle1,200k CADBicycle1,200km	Hotel night stays	50	night
Intercity/National train 11,600 pass.km Taxi Average taxi 1,100 km Capital goods Intercity/National train km Intercity/National train Capital goods Intercity/National train km Intercity/National train Capital goods Intercity/National train equipment 23.2 k CAD Intercity/National train equipment 1,126 k CAD Intercity/National train equipment 1,627 k CAD Intercity/National train equipment 1,627 k CAD Intercity/National train equipment 255 k CAD Intercity/National train Intercity/National train K CAD	Rail (train, tram, light rail, underground)		
Taxi Average taxi 1,100 km Capital joods Capital joods Capital joods air conditioning, refrigeration, and warm air heating equipment 23.2 k CAD automobiles automobiles 1,126 k CAD computers omputers k CAD k CAD colspan="4">Settermine equipment colspan="	Commuter rail	1,650	pass.km
Average taxi 1,100 km Capital yoods Capital yoods yoods Capital yoods air conditioning, refrigeration, and warm air heating equipment 3.2 x CAD air conditioning, refrigeration, and warm air heating equipment 3.2 x CAD air conditioning, refrigeration, and warm air heating equipment 1.26 x CAD air conditioning, refrigeration, and warm air heating equipment 1.26 x CAD air conditioning, refrigeration, and warm air heating equipment 1.26 x CAD air conditioning, refrigeration, and warm air heating equipment 1.26 x CAD air conditioning, refrigeration, and warm air heating equipment 9.20 x CAD air conditioning, refrigeration, and warm air heating equipment 9.80 x CAD air conditioning, refrigeration, and warm air heating equipment 9.80 x CAD air conditioning, refrigeration, and warm air heating equipment 9.80 x CAD air conditioning, refrigeration, and warm air heating equipment 9.80 x CAD biology biology x CAD x CAD biology biology x CAD x CAD biology biology x CAD	Intercity/National train	11,600	pass.km
Capital goods Capital Goods air conditioning, refrigeration, and warm air heating equipment automobiles computers computers computers electronic equipment repair and maintenance bicycle Bicycle Bicycle Bicycle bicycl	Тахі		
Capital Copital air conditioning, refrigeration, and warm air heating equipment 23.2 k CAD air conditioning, refrigeration, and warm air heating equipment 1,126 k CAD automobiles 1,627 k CAD computers 1,627 k CAD electronic equipment repair and maintenance 985 k CAD software 255 k CAD Software Bicycle Bicycle 1,209,124 km	Average taxi	1,100	km
iii conditioning, refrigeration, and warm air heating equipment 23.2 k CAD automobiles k CAD computers electronic equipment repair and maintenance 985 k CAD isftware k CAD to five k CAD to five k CAD isftware k CAD i	Capital goods		
automobiles 1,126 k CAD computers 1,627 k CAD electronic equipment repair and maintenance 985 k CAD software 255 k CAD Commuting Bicycle IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Capital Goods		
k CAD in computers in compu	air conditioning, refrigeration, and warm air heating equipment	23.2	k CAD
electronic equipment repair and maintenance 985 k CAD software 255 k CAD Commuting Bicycle IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	automobiles	1,126	k CAD
software 255 k CAD Commuting Bicycle Bicycle 2,299,124 km	computers	1,627	k CAD
Commuting Bicycle 2,299,124 km Bus and coach	electronic equipment repair and maintenance	985	k CAD
Bicycle 2,299,124 km Bus and coach	software	255	k CAD
Bicycle 2,299,124 km Bus and coach	Commuting		
Bus and coach	Bicycle		
	Bicycle	2,299,124	km
	Bus and coach		
Average bus 24,343,643 pass.km	Average bus	24,343,643	pass.km
Cars	Cars		

Average battery electric car (not company owned)	26,620	km
Average car (unknown fuel)	2,020,425	km
Average gasoline cars	3,282,706	km
Average hybrid car	532	km
Motorcycle		
Electric motorcycle	35,128	kWh
Motorbike	105,384	km
On foot		
On foot	702,558	km
Rail (train, tram, light rail, underground)		
Montreal STM Metro	15,922,168	pass.km
Transit rail	221,372	pass.km
Homeworkers		
Homeworkers		
Canadian homeworker	30,524	Homeworker Day
Investments		
Investments		
Federal Reserve banks, credit intermediation, and related activities	700,000	USD
Leased Assets		
Electricity		
Electricity consumption	0.354	ha
Natural gas		
Natural gas intensity, office	3,540	m2
Water supply		
Water supply	3,540	m2
Physical Education Department		
Buses		
Diesel Bus	500	km
Cars		
Average car (unknown fuel)	300	km
Hotel night stays		
Hotel night stays	152	night
Other fuel(s)		
Butane	11	I
Purchased Food		
all other food and drinking places	4,650	USD
Rail (train, tram, light rail, underground)		
Commuter rail	250	pass.km
Premises		
Acetylene		
Acetylene	21	m3
Composted waste		

Composted waste, garden waste	67.2	tonne
Electricity		
Electricity consumption	13,208,000	kWh
Hazardous waste		
Closed loop recycling - mixed commercial and industrial waste	300	kg
Landfilled waste		
Landfilled waste	126	tonne
Natural gas		
Natural gas consumption (gross CV)	232,967	m3
Off-road vehicles and equipment		
Construction equipment, diesel	300	I
Construction equipment, gasoline	200	1
Lawn and garden equipment, diesel	100	I
Lawn and garden equipment, gasoline	100	I
Snowmobiles, gasoline	100	I
Other fuel(s)		
Butane	50	I
Gasoline, commercial stationary combustion	300	I
Lubricants	50	I
Recycled waste		
Waste, recycled	52	tonne
Refrigerant gas loss and other fugitive emissions		
Total CO2e emissions	1	kg
Water supply		
Water supply	47,125	m3
Water treatment		
Water treatment	70,688	m3
Purchased Goods and Services		
Purchased Food		
Ormelierente (hanne de tale de la		
Condiments (honey, ketchup, peanut butter)	19.1	kg
Condiments (honey, ketchup, peanut butter) Dairy (milk, yoghurt, cheese, cream, butter)	19.1 3,685	kg kg
		_
Dairy (milk, yoghurt, cheese, cream, butter)	3,685	kg
Dairy (milk, yoghurt, cheese, cream, butter) Dark chocolate	3,685 7.4	kg kg
Dairy (milk, yoghurt, cheese, cream, butter) Dark chocolate Eggs, hen, in shell	3,685 7.4 229	kg kg kg
Dairy (milk, yoghurt, cheese, cream, butter) Dark chocolate Eggs, hen, in shell Fish (farmed)	3,685 7.4 229 54.4	kg kg kg kg
Dairy (milk, yoghurt, cheese, cream, butter) Dark chocolate Eggs, hen, in shell Fish (farmed) Meat, cattle	3,685 7.4 229 54.4 495	kg kg kg kg kg
Dairy (milk, yoghurt, cheese, cream, butter) Dark chocolate Eggs, hen, in shell Fish (farmed) Meat, cattle Meat, chicken	3,685 7.4 229 54.4 495 2,073	kg kg kg kg kg kg
Dairy (milk, yoghurt, cheese, cream, butter)Dark chocolateEggs, hen, in shellFish (farmed)Meat, cattleMeat, chickenMeat, pig	3,685 7.4 229 54.4 495 2,073 359	kg kg kg kg kg kg kg
Dairy (milk, yoghurt, cheese, cream, butter)Dark chocolateEggs, hen, in shellFish (farmed)Meat, cattleMeat, chickenMeat, pigPastries	3,685 7.4 229 54.4 495 2,073 359 1,910	kg kg kg kg kg kg kg kg
Dairy (milk, yoghurt, cheese, cream, butter)Dark chocolateEggs, hen, in shellFish (farmed)Meat, cattleMeat, chickenMeat, pigPastriesall other foods	3,685 7.4 229 54.4 495 2,073 359 1,910 92.4	kg kg kg kg kg kg kg kg kg kUSD

coffee and tea	23	k CAD
cookies, crackers, pastas, and tortillas	0.74	k USD
corn products	0.74	k USD
fresh vegetables, melons, and potatoes	6.92	k USD
fresh wheat, corn, rice, and other grains	8.96	k USD
ice cream and frozen desserts	0.74	k USD
refined vegetable, olive, and seed oils	2.22	k USD
seasonings and dressings	0.94	k USD
snack foods	45.1	k CAD
sugar, candy, and chocolate	1.11	k USD
Purchased Goods and Services		
accounting, tax preparation, bookkeeping, and payroll	100	k CAD
adhesives	2.23	k CAD
air conditioning, refrigeration, and warm air heating equipment	71.8	k USD
architectural, engineering, and related services	62.7	k CAD
asphalt pavement	10	k USD
audio and video equipment	130	k CAD
buildings and dwellings services	1,211	k CAD
carpets and rugs	9.54	k USD
cement	0.329	k CAD
clay and ceramic products	4.24	k USD
clothing	63.8	k CAD
compressed gases	7.5	k USD
concrete pipe, bricks, and blocks, upstream emissions	0.329	k CAD
electronic equipment repair and maintenance	110	k CAD
facilities support	2,095	k USD
general merchandise stores	58.2	k USD
glass and glass products	1.21	k CAD
heating equipment other than warm air furnaces	50	k CAD
institutional furniture	100	k USD
lawn and garden equipment	5	k CAD
	10.6	
light fixtures		k USD
nonresidential building repair and maintenance	240	k USD
office administration	838	k USD
ophthalmic goods	4.14	k USD
other basic inorganic chemicals	28.9	k CAD
paints and coatings	2.7	k USD
pharmaceutical products (pills, powders, solutions, etc.)	42.2	k USD
photography and photocopying equipment	10	k USD
postal service	0.61	k USD
ready-mix concrete	10	k CAD
sand, gravel, clay, phosphate, other nonmetallic minerals	4.58	k USD

shelving and lockers	10	k CAD
sporting and athletic goods	20.9	k USD
surgical and medical instruments	220	k USD
telephones	15	k CAD
vaccines and other biological medical products	1	k CAD
Purchased Office Materials and Equipment		
all other converted paper products	1	k CAD
books, newspapers, magazines, and other print media	1	k CAD
cardboard	1	k CAD
computer storage device readers	1	k CAD
computer terminals and other computer peripheral equipment	28	k CAD
computers	62	k CAD
external hard drives, cds, other storage media	1	k CAD
ink and ink cartridges	39.8	k CAD
magazines and journals	20.4	k CAD
office furniture and custom architectural woodwork and millwork	25.1	k CAD
office machinery	1	k USD
office supplies (not paper)	294	k CAD
other miscellaneous electrical equipment and components	3.89	k CAD
paper	76.9	k CAD
photography and photocopying equipment	38.5	k USD
plastic bags, films, and sheets	1	USD
plastics	1	k CAD
primary batteries	16.4	k CAD
sanitary paper (tissues, napkins, diapers, etc.)	10	k CAD
soap and cleaning compounds	10	k CAD
software	223	k CAD
telephones	1	k CAD
Server Use		
Server use		
data processing and hosting	141,154	CAD
Third Party Vehicle Use		
Leased trucks		
Diesel medium and heavy duty truck	1,900	km
Leased vans		
Diesel light duty truck, freight	780	km

Key Observations

Overall

For the 2021/2022 assessment period, no valid market-based instruments have been applied to the Scope 2 energy consumption, moreover the location included in the scope of this assessment, Canada, has no valid electricity residual mix factor available.
 Therefore, the location-based factor has been applied to the electricity consumption to derive a result in line with the Scope 2 market-based methodology. As such, both location and market-based methodologies have been reported as one below.

Location based methodology

- Overall emissions have increased by 3,971 by tonnes of CO2e, or 312.9%, from 1,269 tonnes of CO2e during the 2020/2021
 assessment period to 5,240 tonnes of CO2e during the 2021/2022 assessment period. This significant increase in emissions is due to
 the inclusion of various Scope 3 categories not reported in the previous assessment. These categories in order of prevalence include
 commuting, purchased goods and services, capital goods, business travel, leased assets, investments, and server use. Scope 3
 activities account for 91% of total emissions for the 2021-2022 assessment period.
- Commuting account for the largest portion of emissions with 2000 tonnes of CO2e, or 38.2% of the total emissions. From commuting, cars represented the largest contributor with 1,025 tonnes of CO2e, or 19.6% of total emissions.
- Purchased goods and services account for the second largest portion of emissions with 1,517 tonnes of CO2e, or 29% of the total emissions.

Primary and Secondary Data

- To provide the most accurate estimate of your organization's GHG emissions, primary (actual) data should be used where available.
- For this assessment period, actual data accounted for 52,5 % of emissions, while estimated data accounted for 47.5% of emissions.
- The following Scope 1 sources used estimated data: acetylene, refrigerant gas loss, other fuels, and off-road vehicles and equipment
- Future improvements to data quality involve the collection of actual data of the above listed sources.

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