



Verified Carbon Standard

Energy Efficiency and Solid Waste Diversion Activities within the Quebec Sustainable Community MONITORING REPORT



Document Prepared by the Quantification's team of WILL Solutions and its collaborators

Contact: Martin Clermont, president and founder

Project Title	<i>Energy Efficiency And Solid Waste Diversion Activities Within The Quebec Sustainable Community</i>
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	<i>Fourth Monitoring Report</i>
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1 PROJECT DETAILS

1.1 Summary Description of the Implementation Status of the Project

The Energy Efficiency and Solid Waste Diversion Activities within the Quebec Sustainable Community project document was prepared by Will Solutions Inc. to allow Will Solutions as project proponent (Sustainable Community Service Promoter (SCSP)), to quantify and originate GHG emission **reductions** in conformance with VCS Methodology VM0018 Energy Efficiency and Solid Waste Diversion Activities within a Sustainable Community (Version 1.0). This project targets a large range of Client Facilities, all located inside the Province of Quebec, mainly small to medium sized companies (each one have $\leq 25\,000\ tCO_2e$ of GHG emission /year/facility, Small Final Emitters -SFEs), part of the industrial, commercial or institutional (ICI) sector, and/or property of several and different owners and grouped together inside a "Sustainable Community" within a Territory.

This project has been designed to be simple, yet rigorous to apply, measure, and monitor. Even though the activities of SFEs vary, energy consumption and waste disposal are similar across many businesses and organizations. The main Project objectives are:

1. To gradually group together inside a "Sustainable Community within a Territory", up to 10,000 Clients Facilities, located inside the Province of Quebec, that will achieve together a potential $22\,852\,000\ tCO_2e$ of GHG emission reductions for the period 2010-2019;
2. To stimulate and reward Industrial Commercial Institutional (ICI) business units – large or small facilities – for their efforts to reduce GHG emissions, by giving them access to the internationally recognized voluntary carbon credits market;
3. To collect ground data in real time, and consequently, stimulate and enhance Industrial Commercial and Institutional (ICI) facilities for a better sustainable behaviour;
4. This approach stimulates and rewards all the small actions carried out by each of the ICI sites: to divert industrial and commercial waste from landfill, for a more efficient waste recovery and for increasing energy efficiency in buildings.

Will's Sustainable Community Solution



At the Sustainable Community Service Promoter (SCSP), the project is implemented since January 1st, 2010. At the Client Facility level, there are different situations: a majority of

Project Units/Project Activity Instances (PAI)/Business Units have adhered to the SC project and running Project Units/PAI. The efforts since the beginning period was focus on converting these members and have them to have their Project Units/PAI recorded into the project. For a portion of Client Facility, PAI are on their way, whether at the conception and development or at early implementation. The group approach requires progressive phasing of the PAIs, and the future monitoring report will take into account all the new PAIs which will be integrated into the SC between the time of the first verification and the following ones. This quantification report will be the penultimate before the renewal of the PD (Project Document) for another 10 years (2020-2029). The total GHG emission reductions for the 820 PAIs active under the period starting 1^{er} January 2017 up to December 31th, 2018 included in this Monitoring Report are 1 009 875 tCO₂e. That represents a yearly average of ≈ 616 tCO₂e /per PAI.

1.2 Sectoral Scope and Project Type

The Sectorial Scopes are 3, 13 and it is a grouped project.

1.3 Project Proponent

Will Solutions is the unique project proponent of this grouped project.

Organization name	<i>WILL Solutions Inc.(WSI or WILL)</i>
Contact person	<i>Martin Clermont</i>
Title	<i>President, Founder, Professional Engineer and carbon expert.</i>
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1.4 Other Entities Involved in the Project

Organization name	<i>CertiConseil</i>
Role in the Project	<i>Special advisor and internal validator as QA/QC of the WSI internal quality program</i>
Contact person	<i>Mr. Christophe Kaestli</i>
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Email

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1.5 Project Start Date

The project starting date is January 1st 2010.

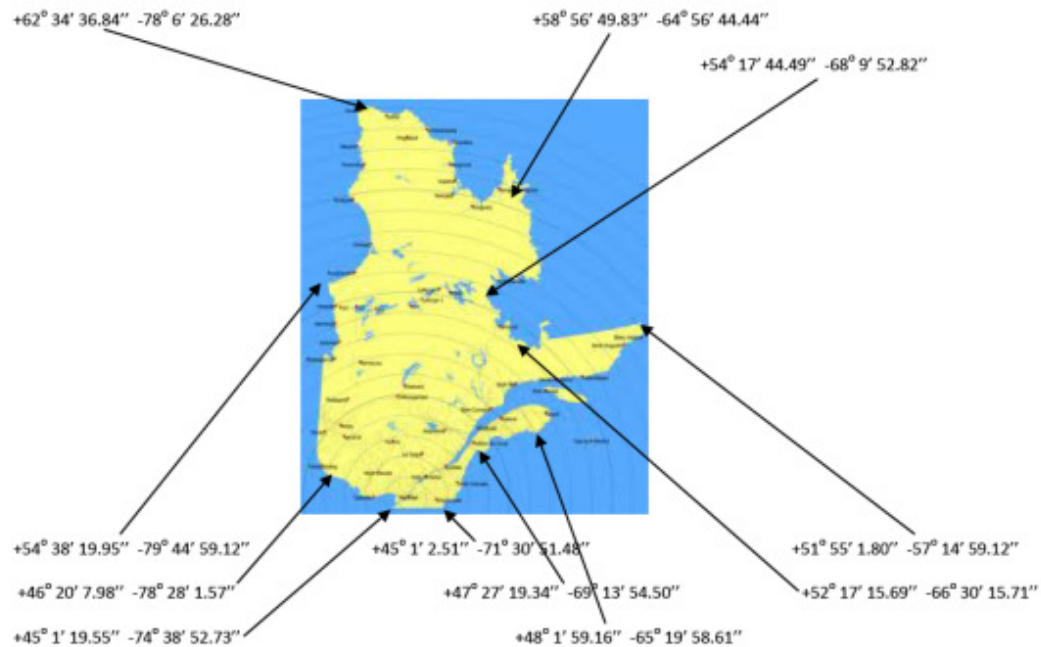
1.6 Project Crediting Period

The project crediting period is 10 years, renewable for 10 years. The starting date is January 1st 2010 and will end December 31rd 2019, renewable for another 10 years from January first 2020 up to December 31, 2029.

1.7 Project Location

All ICI's Clients Facilities associated to the project will be located inside the province of Quebec's territory in Canada. This grouping of Client Facilities bind them to a common geographic cluster (the territory of Province of Quebec), where the regional conditions (i.e. electricity source, climate, waste processing schemes, etc.) and regulations (i.e. waste and emission regulations, etc.) are similar for the different Clients Facilities.

The geographical map shown here represents the Province of Quebec and its territory. This Province shares more than 12,000 km of lands, rivers, and marine borders with Ontario, Nunavut, Newfoundland and Labrador, Prince Edward Island, New Brunswick, Nova Scotia, and United States. The 11 geodesic coordinates of the map represent the limit of the polygon covering the territory of the Province of Quebec. Each of the 84 Clients facilities declared on this monitoring report which are supporting all 820 PAI, are all located inside this polygon. Refer to the Appendix C 2 for the specific geodetic coordinates of each Client Facility.



1.8 Title and Reference of Methodology

The title of the selected methodology is Energy Efficiency and Solid Waste Diversion Activities within a Sustainable Community; it is referenced VM0018. This methodology was developed by Will Solutions Inc. (formerly named Gedden) under the VCS program and it was certified and released in February 2012.

1.9 Participation under other GHG Programs

Not applicable. Will Solutions, the project proponent, does not participate to any other GHG Programs neither regulated nor voluntary; Will Solutions is only active on the VCS program. Will Solutions, the project proponent, does not participate and does not intend to participate into the Quebec regulated market, as named the SPEDE¹, and neither to the WCI.

The Québec's Cap-and-Trade System for GHG allowances, an Emission Trading System (ETS) will be named in this monitoring report by its French acronym (RSPEDE). Extract from the technical Quebec overview² there is the scope of the RSPEDE:

«Since the start of the first compliance period on January 1st, 2013, persons and/or municipalities that operate any facility whose annual GHG emissions (excluding CO₂ emissions related to the combustion of biomass) are greater than or equal to 25 kt of

¹Web governmental reference to the SPEDE <http://www.mddelcc.gouv.qc.ca/changements/carbone/documents-spede/in-brief.pdf>

²Technical Overview of the Québec's Cap-and-Trade, page 7.
<http://www.mddelcc.gouv.qc.ca/changements/carbone/documents-spede/technical-overview.pdf>

equivalent CO₂ (kt CO₂ eq.) have been regulated by the C&T system». They are an estimated 80 facilities regulated under this regulation.

« And as of January 1, 2015 (beginning of the second compliance period), any person or municipality that distributes in Québec fossil fuels whose combustion meets or exceeds the annual GHG emission threshold of 25 kt CO₂ eq. is also covered by the C&T system, thereby encompassing almost 85 % of Québec's GHG emissions ». These fossil fuel distributor regulated under this RSPEDE are estimated at around 40 entities.

Furthermore, the project proponent took a conservative approach by excluding all grid electricity claims (scope 2 as defined by energy indirect GHG³) from all the 820 PAI of this Monitoring report, from the period starting January First 2017 up to December 31th, 2018.

1.10 Other Forms of Credit

During the period (2017-2018) the project proponent, Will Solutions, received no other forms of environmental credit (EC). The GHG reductions quantified in this Monitoring Report are not link to any of the 80 regulated facilities having ≥ 25 kt of equivalent CO₂ and not link to any of the 40 entities acting as distributor of fossil fuel involved in the RSPEDE (as a carbon trading program) and the project reductions have not been used for compliance under such programs or mechanisms.

1.11 Sustainable Development

The Sustainable Community Solution (SC) developed by Will Solutions, boosts and rewards active and inclusive participation in the circular economy as well as the positive economy. The SC solution is primarily focused on reducing the "Demand side". The monetization, on the voluntary carbon market, of conscious efforts to reduce energy consumption and virgin resources reconfirms the close relationship between Development, Environment and Humanity.

The SC solution also enhances conscious human gesture, prioritizing the behavioral change that guides the selection and integration of green technologies. The SC solution plays a catalyst role in achieving these objectives and in several sustainable development goals (SDGs) of the United Nations (UN) in particular the SDG, 9, 11, 13 and 17, see more on the following post on LinkedIn: <https://www.linkedin.com/pulse/sustainable-community-solution-catalyst-17-sdgs-martin-clermont?published=t> . The social impact, in another word, the participation of all 84 clients facilities (all citizens of the municipalities participating, all SME's employees participating and theirs customers, represents around 9,05% of the Quebec population. See the details in appendix B.

³Scope 2 is also referred to Energy Indirect GHG and is defined as 'emissions from the consumption of purchased electricity, steam, or other sources of energy (e.g. chilled water) generated upstream from the organization'.

Will Solutions Inc. (WSI or WILL), the project proponent, is a certified B Corp private company, is acting as a social entrepreneur, and its' engagement is to provide the best business solutions and business models that measure the environmental performance of each individual, citizen, company and community and rewards those who are advocate to sustainable development. Will is carbon neutral since 2007 and is committed to return 10% of his net benefit to community projects and initiatives supporting sustainable development. WSI is convinced that this action matches circular and positive economy concepts.

WILL, as the project proponent, was directly affected by the COVID-19 health crisis (from the beginning of March 2020 up to now). WILL made a corporate decision, with all due respect to our team of auditors, collaborators, members of our project, our VVB and other stakeholders, with the VCS program approval, to carry out this 4th verification in desk review mode with our VVB.

WILL has also decided to postpone the renewal of our project document (PD), for another period of 10 years (January 1st, 2020 to December 31, 2029) which was scheduled to be done for this summer concomitant with our 4th verification audit. We plan file this renewal for third party validation (VVB) in early 2021, hoping that we have never a second wave of this micro virus. We plan use the year 2019 as the baseline scenario for this renewal and we plan to combine our 5th verification for the civil 2019 year with this renewal.

We are studying and plan, over the period of this renewal (2020-2030), to amend the VM0018 methodology in order to include the reduction of GHGs linked to sustainable mobility micro-projects (sectoral scope 7) which will include generic PAIs, with always the building as the perimeter for calculating eligible reductions. These generic PAIs might include behavioral changes, sharing and participative business models and the conversion of all vehicles to electric vehicles powered by renewable, non-fossil fuels.

In parallel, we have initiated in mid-2019 (with a network of researchers from 5 Canadian universities and two technological partners) a project, to automate our traceability platform which is operated in cloud mode, in order to include technologies elements of IoT, AI and Block Chain. This automation, in addition to the reliability and the reduction of errors in handling the collected data (the evidences) from all our clients facilities and theirs PAIs (data which represented only in our third cohort over 10 000 evidences +photos, and videos for ≈ 100 000 pages of different types of documents as we named big data), will allow to group 20 times more members, up to 2 000.

These members might operate around 12 000 buildings in the same cluster. It will be then possible to complete a cohort of verification over a 12 months period, instead of 30 months, which will makes possible to address differently the issue of overlapping periods of the Monitoring Reports under the VCS program.

2 SAFEGUARDS

2.1 No Net Harm

Will Solutions Inc. (WILL) as project proponent, is not in charge of doing or realizing any physical sustainable project activity instances (PAI) on behalf of its members. At the contrary, WSI is mutualizing all the GHG eligible reductions efforts done by each the members of its Sustainable Community project in view to convert them into VCU, sale them and return a minimum of 40% of the gross sales to each members to the extent of each of its GHG reduction efforts. WSI is mutualizing the expertise and the monetization's costs to democratize the participation of all stakeholders of the civil society to tackle the climate issue.

WILL is carefully selecting each project activity instance (PAI) of all new members of SC, which have to respect any environmental regulations. Regrouping all these eligible PAI, mainly on remote area, the SC project is then creating strong benefit socio-economic impacts by **rewarding** economically SME projects directly as well as municipalities focused on Sustainable Development (SD) and well aligned with the 17 Sustainable Development Goal (SDG) of the United Nations.

WILL Solutions (WILL), (the SCPP) is a certified B Corp since March 2019⁴. Since 2018 WILL implemented a Sustainability Plan and produced a yearly report in a base of a continuous improvement on its ecological footprint. The latest report (May 2020) described the carbon footprint of all corporate activity since 2007⁵. WILL bought carbon offset and then is carboneutral since 2007. Will is an active member, since February 2020 of the group of over 700 B Corp committed to netzero 2030⁶.

2.1 Local Stakeholder Consultation

The project got all local and regional stakeholders support required to the Project as mentioned into the Project Document already validated. Furthermore WSI as project proponent continues adhere several new community supports, including NGOs, such as the **Reseau SADC**, having mission to facilitate the microfinancing (with sustainability consideration) to small and medium enterprises (SME) and municipalities in remote area and recruiting their customer (more than 10 000 SME and municipalities), as new member of the Sustainable Community project.

Knowing directly their customer and their sustainable projects (on energy consumption and waste diversion), they facilitate their recruitment as new member of the Sustainable Community project and in particular to the one having a sensibility to act now on sustainable development. To see more information about the Reseau SADC: <http://www.sadc-cae.ca/index.php/en/the-reseau/mission.html> . Several post are available

⁴B Corp link <https://bcorporation.net/directory/solutions-will>

⁵Link to the latest version released on 2020 <https://www.solutionswill.com/wp-content/uploads/2019/12/SD-Plan-Update-2019.pdf>

⁶<https://www.bcorpclimatecollective.org/net-zero-2030>

on SME impact and on the LinkedIn account of the project proponent <https://www.linkedin.com/company/will-solutions>

WILL as the project proponent, maintained ongoing communication, with its entire project stakeholder: such as the social development partners, collaborators, governments, members (clients facilities) and buyers of the VCU. Will has implemented a corporate sustainable plan in 2018⁷ and produced a yearly report to benchmark its performance. Under this latest report Will sustainable report⁸ (March 2020), Will has realized, over 80 communications, about promoting sustainability through its web site, blogs and social network (LinkedIn, Facebook, Twitter and Instagram) and through webinars, conferences and meetings to promote GHG reduction projects and communicate the ongoing status the project.

2.2 AFOLU-Specific Safeguards

n.a.

3 IMPLEMENTATION STATUS

3.1 Implementation Status of the Project Activity

The project activity includes a total of 9 Generic PAI types. These Generic PAI types allow for the additionality analysis of the new PAIs of this monitoring report, which are described the 84 Client's facilities in the Table 2. The 84 client facilities and 820 specific PAIs fall into one or more of these 9 Generic PAIs. These Generic PAI types are as follows:

Table 1

Generic PAI Reference Number			
	Generic PAI (no new Generic PAI on this second monitoring report)	Generic PAI EE	Generic PAI WM
I	Biomass Energy Project	√	
II	Methane Emission Avoidance		√
III	Torrified Biomass Combustible		√
IV	Saving Energy on Recycling Activities	√	
V	Heat Recovery	√	
VI			
VII	Energy Efficiency Demand Side	√	
VIII	Fuel Switching	√	
IX	Energy Conservation	√	
X	Energy efficiency demand side New buildings/major renovations	√	
	Total	7	2

⁷https://www.solutionswill.com/wp-content/uploads/2014/01/plan_dddesign.pdf

¹include our latest update Sustainability report <https://www.solutionswill.com/wp-content/uploads/2019/12/SD-Plan-Update-2019.pdf>

3.2 Deviations

3.2.1 Methodology Deviations

There is no deviation to methodology

3.2.2 Project Description Deviations

There is no deviation to the project description (PD). The definition of the scope of SPEDE, and its phase 1 and 2 are explained in the section 1.9 and in the Appendix A

3.3 Grouped Projects

There were a number of new additions to the Generic PAIs in the SC project. **The Table 2** lists the new occurrences and confirms the eligibility of each additional PAI.

The additionally, at the project proponent level, was demonstrated, at the satisfaction of the VVB, as per, namely, *Combined tool to identify the baseline scenario and demonstrate additionality* (Version 05.0.0 of the CMD) as requested by the VM0018. The group project (cluster) is additional and is still be a first of its kind, around the world. In addition, as per CDM, Combined Tool to Identify the Baseline Scenario and Demonstrate Additionality and validated by the VVB in July 2013, the additionality of every Generic PAI has been demonstrated and approved. Furthermore, without cost' sharing regrouping all Clients facilities and without the Business model of the project proponent, it will be definitively impossible to bring any of their eligible GHG emission reductions to voluntary market. It is simply not affordable to consider going Client facilities individually for each of their different PAI.

Each individual PAI, once found eligible is associated to the relevant Generic PAIs: the project proponent has established a list of 10 generic PAI, which were validated by the VVB in the first monitoring report of February 2014, to classified activities. These Generic PAI cover the different micro project (PAI) which Will (project proponent) wants to make adhere to its Sustainable Community Project.

The Generic Projects Activity Instance (PAI) have processes/outcomes which overpass business as usual (BAU) practices and defines more efficient ways compared to common practices. On this basis, and as per CMD additionality guideline, the VVB has confirmed the additionality of each Generic PAI. Any new PAI, regrouped in the Sustainable Community group project method is recognized to be additional if it meets the eligibility criteria.

Table 2: Sustainable Community new PAI: Classification and their eligibility

New PAI: Classification, Eligibility and attributes Compliance								
Clients facility	New PAI scope 3	New PAI scope 13	Located inside the Quebec territory	Be quantified after January First 2010	Be registered member of the SCSP project	Having a similar or using a similar technologies, measures or practices as the Generic PAI based on scope 3 and 13	Be auditable and verifiable	Project Unit GHG reduction are inferior to 5 000 tCO ₂ e/year
70 New clients facility	26	0	√	√	√	√	√	√
9 Client's facility part of former MR	0	0	√	√	√	√	√	√
Total	26	0	√	√	√	√	√	√

The details by client facility is available on Appendix B

4 DATA AND PARAMETERS

4.1 Data and Parameters Available at Validation

All monitored data available at validation and used to quantify the eligible GHG emissions reductions for each PAI in this monitoring report were supported by evidence, available to the VVB. A technical data sheet (quantification sheet) for each Clients facility participating to this monitoring report was used and the reductions quantifications (baseline, project and emissions reduction) was agglomerated and summarized in the Appendix C. Each generic PAI (Table 3) and each new PAI associated to generic PAI are monitored specifically as described in Appendix E

4.2 Data and Parameters Monitored

All monitored data used to quantify the eligible GHG emissions reductions for each PAI in this monitoring report were supported by evidence, available to the VVB. A technical data sheet (quantification sheet) for each Clients facility participating to this monitoring report was used and summarized in the Appendix C. Each generic PAI and each new PAI associated to generic PAI are monitored specifically as described in Appendix E

4.3 Monitoring Plan

The monitoring plan was applied to all Project Units is the same as described in the three latest monitoring report which were verified and dated on: February 2014, November 2017 and July 2019. Furthermore, the first, second and third verification report was reviewed, controlled and accepted by the VCS program staff. In addition a Quality Control of the data was performed as follows:

- At the time of registration the project unit: a physical audit of the Project Unit premises takes place, and physical evidence necessary to determine the baseline scenario will be collected;
- At each entry in the SCPC system, controls will be run to compare entry to historical data, sectorial SCPC benchmark and to external benchmark;

- Investigation may be necessary to get physical evidences of the data entered into the SCPC system;
- Impact of a possibly recurrent issue will be looked at for all the concerned Project Units;
- For each baseline period, a random sample of Project Units will be audited during the course of the project. The sample size will be the square root of the Project Units participating to the SCPC system. Evidence of the audit are kept: discrepancies will be analyzed as well as potential impact on related Project Units;

5 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

5.1 Baseline Emissions

The baseline emissions (BE_y , in tCO₂e) of all PAI are the summation for each PAI of the product of the baseline emissions factor (EF_3 , in tCO₂/unit of fossil fuel and EF_{13} tCO₂/Mt of waste stream) and the fossil fuel consumption (FF) used before project and the waste stream (WS) before its diversion from landfill management.

$$BE_y = FF_{BL} * EF_3 \text{ (sectoral scope 3)}$$

$$BE_y = WS_{BL} * EF_{13} \text{ (sectoral scope 13)}$$

$FF_{BL,y}$ = Volume of fossil fuel

$WS_{BL,y}$ = Volume of waste stream

EF_3 = CO₂e emission factor of the fossil fuel

EF_{13} = CO₂e emission factor of the waste stream and taking into account the different management scenario, at landfill, regarding the flaring or no flaring of the methane (biogas) and/or its use or not for energy recovery.

For this fourth monitoring report, each Client Facility members of the Sustainable Community projects have a specific data sheet for their quantification of their eligible PAIs which is summarized and available in Appendix C. On this specific data sheet, and for each PAI involved on this report, the specific BE, EF and their calculations are detailed by vintage. Relevant information's, to complement these calculations, are available when applying in this specific data sheet.

A summarized data sheet regrouped the summation of all their baseline emissions of GHG per territory of group of Client facility and is available in Appendix B.

5.2 Project Emissions

The Project Emissions (PE_y , in tCO₂e) of all PAI are the summation for each PAI of the product of the project emission factor (EF_3 , in tCO₂/unit of fossil fuel and EF_{13} tCO₂/Mt of waste stream) and the fossil fuel consumption (FF) used by the project and the (WS) management by the reuse, the recycling or the composting of the waste stream (WS).

$$PE_y = FF_p * EF_3 \text{ (sectoral scope 3)}$$

$$PE_y = WS_p * EF_{13} \text{ (sectoral scope 13)}$$

$FF_{p,y}$ = Volume of fossil fuel

- WS_{P,y}** = Volume of waste stream
EF₃ = CO₂e emission factor of the fossil fuel
EF₁₃ = CO₂e emission factor of the waste stream and taking into account the different management scenario, at landfill, regarding the flaring or no flaring of the methane (biogas) and/or its use or not for energy recovery.

For this fourth monitoring report, each Client Facility members of the Sustainable Community projects have a specific data sheet for their quantification of their eligible PAIs which is summarized and available in Appendix C. On this specific data sheet, and for each PAI involved on this report, the specific PE, EF and their calculations are detailed by vintage. Relevant information's, to complement these calculations, are available when applying in this specific data sheet.

A summarized data sheet regrouped the summation of all their projects emissions of GHG per territory of group of client facility and is available in Appendix B.

5.3 Leakage

At Project Unit level, the leakage, during period January First 2017 – December 31th, 2018, is de minimus, thus LE_y=0.

5.4 Net GHG Emission Reductions and Removals

The Emission Reduction is calculated by subtracting the Project Emissions from Baseline Emissions.

$$\text{Thus } ER_y = BE_y - PE_y - LE_y$$

The net GHG Emission Reductions of the Sustainable Community project are as follows:

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
2017	545 283	0	<i>De minimus</i>	545 283
2018	464 591	0	<i>De minimus</i>	464 591
Total	1 009 875	0	<i>De minimus</i>	1 009 875

The 1 009 875 tCO₂e representing the net GHG emission reduction of the year 2017 and 2018 and written in the top Table included the net GHG emissions reductions (all from sectorial scope 13) realized after January First, 2017. The amount of the net GHG emissions reductions from sectorial scope 3 and realized after January First, 2017 represents 382 998 tCO₂e is not included in the top Table and this latest amount will not be serialized under the VCS program. The details is available on Appendix A

The net GHG emissions reductions quantified, from the period January 1st 2013 up to December 31th 2016, were realized under the validate project document at the time the VCS program did not have in place a disposition regarding overlapping period for monitoring reports as described in its version v4.0⁹, issued on September 19th 2019, in the section 3.4.4 of its program. The amount of these verified GHG's reductions represents 323 232 tCO₂e. This amount is excluded of this monitoring report and will not be serialized under the VCS program. The details is available on Appendix D

⁹Reference https://verra.org/wp-content/uploads/2020/03/VCS-Standard-v4.0_Updated.pdf

6 APPENDIX:

Appendix A: Double counting with RSPEDE, and overlapping period

Appendix B: Detail summarized results+ social impact

Appendix C: Details result by clients facilities

Appendix D: The results for the period of 2013-2016

Appendix E: Data, parameters and monitoring plan

Appendix A: Double counting with RSPEDE, and overlapping period

The project proponent, WILL Solutions Inc. (WSI), already recognized that there might be a double counting discussion for the quantification for the period effective after January 1, 2015 from all 380 PAI, associated with the sectorial scope 3 in this monitoring report. The net GHG emission reductions (tCO₂e) involves by this discussion on double counting in this monitoring report is limited to the period of 2017-2018 and for all PAI classified in the sectorial scope 3 and represents a volume of 382 998 tCO₂e.

This amount is excluded of this monitoring report and will not be serialized under the VCS program. The details are available on Appendix D. Meanwhile, WSI, is still working, with the support of all the Sustainable Community members and several organizations representing the SMEs in the Quebec territory, to collaborate to settle this issue for the benefit of all Quebec' stakeholders in view of an inclusive social acceptance¹⁰.

A practical solution, simple and respecting at 100% the integrity of the RSPEDE¹¹ and assessing the double counting issue, validated at international level, was already submitted, as a white paper analysis and document by the project proponent WSI¹², in March 2015 to the high level of the MDDELCC administration which has the full authority in this matter. WSI has completed this proposal with a detailed findings' analysis¹³ (submitted to the MDDELCC in January 2018) of the current status quo, in response to a study realized by an academic and filed in December 2017).

WSI is pursuing, from November 2018 up to now, its discussions with the actual MELCC (formerly the MDDELCC) to address this matter. The ownership of all GHG emissions and GHG reductions are still in the hands of all RSPEDE non-regulated entities, in particular which are participating as members in the WSI project. These members have transferred the ownership of their eligible GHG reductions by contract to WILL as the project proponent. The MELCC's claim on this issue of this property raises a number of issues about property rights¹⁴.

The Québec's Cap-and-Trade System for GHG allowances, an Emission Trading System (ETS) will be named in this monitoring report by its French acronym (RSPEDE). Extract from the technical Quebec overview¹⁵ there is the scope of the RSPEDE:

«Since the start of the first compliance period on January 1st, 2013, persons and/or municipalities that operate any facility whose annual GHG emissions (excluding CO₂ emissions related to the combustion of biomass) are greater than or equal to 25 kt of equivalent CO₂ (kt CO₂ eq.) have been regulated by the C&T system». « And as of January 1, 2015 (beginning of the second compliance period), any person or municipality that distributes in Québec fossil fuels whose combustion meets or exceeds the annual GHG emission threshold of 25 kt CO₂ eq. is also covered by the C&T system, thereby encompassing almost 85 % of Québec's GHG emissions ».

¹⁰Page 17, section about issues require particular attention http://www.vgg.gouv.qc.ca/en/en_publications/en_rapport-annuel/en_fichiers/en_Rapport2016-2017-CDD.pdf

¹¹<http://www.mddelcc.gouv.qc.ca/changements/carbone/documents-spede/in-brief.pdf>

¹²Page 23 of this WSI's white paper http://www.solutionswill.com/sites/default/files/u51/memoire_commission_robillard_vfinal.pdf

¹³An extract in English: http://www.solutionswill.com/sites/default/files/u51/will-conclusions_2018-v5bfinal_eng.pdf the full findings in French is on the following link: http://www.solutionswill.com/sites/default/files/u51/will-constatations_janvier_2018-v5bfinal.pdf

¹⁴Page 17, section about issues require particular attention http://www.vgg.gouv.qc.ca/en/en_publications/en_rapport-annuel/en_fichiers/en_Rapport2016-2017-CDD.pdf

¹⁵Technical Overview of the Québec's Cap-and-Trade, page 7. <http://www.mddelcc.gouv.qc.ca/changements/carbone/documents-spede/technical-overview.pdf>

Appendix B Detail summarized results+ social impact

A summarized data sheet regrouped the summation of all the yearly eligible baseline and projects GHG emissions per Client facility participant regroup by sub territory to this monitoring report and is available in this Appendix B.

Appendix B - 1

Sustainable Community Quebec's project

Confidentiel & private property of Will

Summation fo the GHG emissions, baseline, projects and reduction quantification

The 4th Monitoring Report to be submitted to the program VCS covering the preiod January First 2017 to December 31th 2018 ;

(with exceptional COVID-19 sanitary crisis);

Revised version of June 25th , 2020



Table inside the Moitoring report

Year	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions (tCO ₂ e)
2017	843 671	17 271	<i>de minimus</i>	826 400
2018	583 917	17 444	<i>de minimus</i>	566 473
Total	1 427 588	34 715	<i>de minimus</i>	1 392 873

Appendix B-2: Monitoring Report - Revised version June 25th, 2020

Detail on the new PAI

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Table 2: Sustainable Community new PAI : classification and eligibility

January First 2017 up to December 31th 2018

New PAI: Classification, Eligibility and attributes Compliance								
Clients facility	New PAI scope 3	New PAI scope 13	Located inside the Quebec territory	Be quantified after January First 2010	Be registered member of the SCSP project	Having a similar or using a similar technologies, measures or practices as the Generic PAI based on scope 3 and 13	Be auditable and verifiable	Project Unit GHG reduction are inferior to 5 000 tCO ₂ e/year
70 New clients facility	26	0	√	√	√	√	√	√
9 Client's facility part of former MR	0	0	√	√	√	√	√	√
Total	26	0	√	√	√	√	√	√
								26

Detailed Table

January First 2017 up to December 31th 2018

New PAI: Classification, Eligibility and attributes Compliance									
	Clients facility	New PAI scope 3	New PAI scope 13	Located inside the Quebec territory	Be quantified after January First 2010	Be registered member of the SCSP project	Having a similar or using a similar technologies, measures or practices as the Generic PAI based on scope 3 and 13	Be auditable and verifiable	Project Unit GHG reduction are inferior to 5 000 tCO ₂ e/year
1	Municipalité Causapscal	0	0				previously verified in former Monitoring Reports		
2	Parc régional de Val D'Irène	0	0				previously verified in former Monitoring Reports		
3	Comm. Scolaire du Fleuves et des Lacs	0	0				previously verified in former Monitoring Reports		
4	Fibres de verres Rioux	0	0				previously verified in former Monitoring Reports		
5	Fromagerie des Basques	0	0				previously verified in former Monitoring Reports		
6	Municipalité St-Jean de Dieu	0	0				previously verified in former Monitoring Reports		
7	Club encadrement tech. Acériculture Est	6	0	√	√	√	√	√	√
8	Fromagerie le Détour	0	0				previously verified in former Monitoring Reports		
9	La Fabrique de Notre-Dame du Lac	0	0				previously verified in former Monitoring Reports		
10	MRC des Basques	0	0				previously verified in former Monitoring Reports		
11	Agriscar Coop Agricole	0	0				previously verified in former Monitoring Reports		
12	Commission Scolaire Kamouraska-RDL	0	0				previously verified in former Monitoring Reports		
13	CDBQ Centre de Dév. Bioalimentaire du Québec	0	0				previously verified in former Monitoring Reports		
14	Collège Sainte-Anne-de-la-Pocatière	0	0				previously verified in former Monitoring Reports		
15	Ville de la Pocatière	0	0				previously verified in former Monitoring Reports		
16	MRC de Kamouraska	0	0				previously verified in former Monitoring Reports		
17	Évêché Sainte-Anne-de-la-Pocatière	0	0				previously verified in former Monitoring Reports		
18	Ateliers mon choix	0	0				previously verified in former Monitoring Reports		
19	Bois Plancher PG	0	0				previously verified in former Monitoring Reports		
20	Miroir Laurier	0	0				previously verified in former Monitoring Reports		
21	Bernard Breton	0	0				previously verified in former Monitoring Reports		
22	Bibby Ste-Croix et LaPerle	0	0				previously verified in former Monitoring Reports		
23	Québec MultiPlants	0	0				previously verified in former Monitoring Reports		

24	Clinique Montfort	0	0							previously verified in former Moniroting Reports
25	Pourvoirie Wapishish	0	0							previously verified in former Moniroting Reports
26	Église Notre-Dame de Laterrière	0	0							previously verified in former Moniroting Reports
27	Pépinière Boucher	0	0							previously verified in former Moniroting Reports
28	Récupère Sol	0	0							previously verified in former Moniroting Reports
29	Gazon Savard (M.O.)	0	0							previously verified in former Moniroting Reports
30	Bizz Magasin d'alimentation	0	0							previously verified in former Moniroting Reports
31	Produits Forestiers Petit Paris	1	0	√	√	√	√	√	√	
32	UTM Terrassement St-Louis	0	0							previously verified in former Moniroting Reports
33	Grimard	0	0							previously verified in former Moniroting Reports
34	Les Serres des jardins	0	0							previously verified in former Moniroting Reports
35	Imago Village	0	0							previously verified in former Moniroting Reports
36	Auberge Sacacomie	0	0							previously verified in former Moniroting Reports
37	Ferme Tomchys	0	0							previously verified in former Moniroting Reports
38	Imprimerie Marquis	0	0							previously verified in former Moniroting Reports
39	Bâtiments Leeds Desjardins	0	0							previously verified in former Moniroting Reports
40	Matériaux Spécialisés Louiseville	0	0							previously verified in former Moniroting Reports
41	Fédération UPA Mauricie	0	0							previously verified in former Moniroting Reports
42	Lauzon Bois énergétique	0	0							previously verified in former Moniroting Reports
43	Municipalité Prévost	0	0							previously verified in former Moniroting Reports
44	Compost Ste-Anne	0	0							previously verified in former Moniroting Reports
45	Cégep de St-Jérôme	0	0							previously verified in former Moniroting Reports
46	Centre de Tri Argenteuil	0	0							previously verified in former Moniroting Reports
47	Moulores Warnet	0	0							previously verified in former Moniroting Reports
48	Honda Ste-Agathe	0	0							previously verified in former Moniroting Reports
49	Groupe Crête	0	0							previously verified in former Moniroting Reports
50	Ville de St-Sauveur	0	0							previously verified in former Moniroting Reports
51	Commission Scolaire des Laurentides	0	0							previously verified in former Moniroting Reports
52	Les Serres Frank Zyromski inc.	0	0							previously verified in former Moniroting Reports
53	Pourvoirie fer à cheval	0	0							previously verified in former Moniroting Reports
54	Régie inter-municipale La Lièvre	0	0							previously verified in former Moniroting Reports
55	Régie Inter-municipale La Rouge	0	0							previously verified in former Moniroting Reports
56	Fabrique Paroisse St-André Sarre	0	0							previously verified in former Moniroting Reports
57	Résidence Andréa Inc.	0	0							previously verified in former Moniroting Reports
58	Fromagerie La Vache à Maillotte	0	0							previously verified in former Moniroting Reports
59	Pneus GBM	0	0							previously verified in former Moniroting Reports
60	MRC Témiscamingue	0	0							previously verified in former Moniroting Reports
61	Entreprises P.L.C. Senneterre	0	0							previously verified in former Moniroting Reports
62	Municipalité de Taschereau	1	0	√	√	√	√	√	√	
63	Les Serres Gallichan	18	0	√	√	√	√	√	√	
64	Municipalité Papineauville	0	0							previously verified in former Moniroting Reports
65	Fabrique St-André-Avelin	0	0							previously verified in former Moniroting Reports
66	Municipalité Ange-Gardien	0	0							previously verified in former Moniroting Reports
67	Municipalité Plaisance	0	0							previously verified in former Moniroting Reports
68	CroquePommes	0	0							previously verified in former Moniroting Reports
69	Ferme Chapeau Melon	0	0							previously verified in former Moniroting Reports
70	Épursol	0	0							previously verified in former Moniroting Reports
71	Lauzon Bois énergétique	0	0							previously verified in former Moniroting Reports
72	Kenauk Nature	0	0							previously verified in former Moniroting Reports
73	Lanauriaie Pharma Inc. (Familiprix)	0	0							previously verified in former Moniroting Reports
74	Les Émulsions Bourget	0	0							previously verified in former Moniroting Reports
75	Municipalité Saint-Norbert	0	0							previously verified in former Moniroting Reports
76	Ferme L.M. Drainville	0	0							previously verified in former Moniroting Reports

77	Boisaco	0	0	previously verified in former Monitoring Reports
78	St-Gédéon de Beauce	0	0	previously verified in former Monitoring Reports
79	Recyc PHP	0	0	previously verified in former Monitoring Reports
80	780 Brewster	0	0	previously verified in former Monitoring Reports
81	RPM Environnement	0	0	previously verified in former Monitoring Reports
82	Les Serres Lefort	0	0	previously verified in former Monitoring Reports
83	Metalliage	0	0	previously verified in former Monitoring Reports
Total		26	0	<i>all of them</i>

New clients facility

Client's facility part of former MR (cohort 1,2 and 3)

Generic PAI Lexique	
I	Biomass Energy Project
II	Methane Emission Avoidance
III	Torrified Biomass Combustible
IV	Saving Energy on Recycling Activities
V	Heat Recovery
VI	
VII	Energy Efficiency Demand Side
VIII	Fuel Switching
	Energy Conservation Demand Side: New
IX	Building
X	Energy efficiency demand side New buildings/major renovations

Appendix B - 3

Social impact

Sustainable Community Quebec's project

Confidential & private and property of Will Solutions inc.



Summation for the GHG emissions, baseline, projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2017 up to December 31, 2018.

Revised version of June 25th · 2020

Confidential and under verification

	Group of members	MEMBRE COMMUNAUTÉ DURABLE (signed, audited and all evidences in place)	Municipality (Régie inter municipal, MRC)	OBNL (églises, clinique santé, CHLD, CISSS et OBNL)	Écoles (Commission Scolaires, Cégep)	Fermes (including Serres)	Coop (forestière et agricole)	Tourisme (Pourvoirie, auberge)	Commerces au détail	PME manufacturières et centre de tri privé	Sub total		Population	Employés	Clients	Total
1	01-SADC- Matapédia	Municipalité Causapscal	✓								1		2 315	0	0	2 315
2	01-SADC- Matapédia	Parc régional de Val D'Irène						✓			1		0	25	7289	7 314
0	02-SADC- Neigette	n.a.											0	0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs			✓						1			50	600	650
2	03-SADC- Basques	Fibres de verres Rioux								✓	1			40		40
3	03-SADC- Basques	Fromagerie des Basques								✓	1			85		85
4	03-SADC- Basques	Municipalité St-Jean de Dieu	✓								1		1 596	0	0	1 596
5	03-SADC- Basques	Club encadrement tech. Acériculture Est								✓	1			140		140
6	03-SADC- Basques	Fromagerie le Détour								✓	1			15	100	115
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac		✓							1			2	0	2
8	03-SADC- Basques	MRC des Basques	✓								1		8694	0	0	8 694
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole					✓				1		0	93	0	93
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL			✓						1		0	900	7555	8455
1	05-SADC- Kamouraska	Q.C. Centre de Dév. Bioalimentaire du Québec		✓							1		0	24	0	24
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière			✓						1		0	80	5000	5 080
3	05-SADC- Kamouraska	Ville de la Pocatière	✓								1		4 120	0	0	4 120
4	05-SADC- Kamouraska	MRC de Kamouraska	✓								1		21073	0	0	21 073
5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière		✓							1		0	10	0	10
6	05-SADC- Kamouraska	Ateliers mon choix		✓							1		0	5	0	5
1	06-SADC- Lotbinière	Bois Plancher PG								✓	1		0	170	0	170
2	06-SADC- Lotbinière	Miroir Laurier								✓	1		0	140	0	140
3	06-SADC- Lotbinière	Bernard Breton								✓	1		0	50	0	50
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle								✓	1		0	536	0	536
5	06-SADC- Lotbinière	Québec MultiPlants				✓					1		0	90	0	90
1	07-SADC- Haut-Saguenay	Clinique Montfort		✓							1		0	5	200	205
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish						✓			1		0	4	1000	1 004
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière		✓							1		0	5	0	5
4	07-SADC- Haut-Saguenay	Pépinière Boucher				✓					1		0	50	0	50
5	07-SADC- Haut-Saguenay	Récupère Sol								✓	1		0	15	0	15
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)								✓	1		184 888	0	0	184888
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation							✓		1		0	10	500	510
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris					✓				1		0	170	0	170
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis								✓	1		0	10	150	160

10	07-SADC- Haut-Saguenay	Grimard							✓	1		0	78	0	78
11	07-SADC- Haut-Saguenay	Les Serres des jardins			✓					1		0	2	1000	1 002
12	07-SADC- Haut-Saguenay	Imago Village					✓			1		0	5	10000	10 005
13	07-SADC- Haut-Saguenay	Éternel Spa					✓			1		0	10	2000	2 010
1	08-SADC- Maskinongé	Auberge Sacacomie						✓		1		0	130	52000	52 130
2	08-SADC- Maskinongé	Ferme Tomchys			✓					1		0	2	0	2
3	08-SADC- Maskinongé	Imprimerie Marquis							✓	1		0	270	0	270
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins						✓		1		0	20	2000	2 020
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville							✓	1		0	58	0	58
6	08-SADC- Maskinongé	Fédération UPA Mauricie			✓					1		0	78	21340	21 418
7	08-SADC- Maskinongé	Lauzon Bois énergétique							✓	1		0	34	15	49
1	09 CAE Rive-Nord	Municipalité Prévost	✓							1		13002	0	0	13002
2	09 CAE Rive-Nord	Compost Ste-Anne		✓						1		0	18	227520	227538
3	09 CAE Rive-Nord	Cégep de St-Jérôme			✓					1		0	50	1000	1050
4	09 CAE Rive-Nord	Centre de Tri Argenteuil							✓	1		0	14	2000	2014
5	09 CAE Rive-Nord	Moulures Warnet							✓	1		0	48	0	48
1	10- SADC Laurentides	Honda Ste-Agathe						✓		1		0	32	250	282
2	10- SADC Laurentides	Groupe Crête							✓	1		0	165	0	165
3	10- SADC Laurentides	Ville de St-Sauveur	✓							1		10231	0	0	10231
4	10- SADC Laurentides	Commission Scolaire des Laurentides			✓					1		0	1500	14425	15925
1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.			✓					1		0	10	56	66
2	11-SADC- Antoine-Labelle	Pourvoirie fer à cheval						✓		1		0	7	3000	3007
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	✓							1		30921	0	0	30921
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	✓							1		4322	0	0	4322
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre		✓						1		0	2	7471	7473
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.		✓						1		0	2	18	20
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte							✓	1		0	40	0	40
4	12-SADC- Abitibi Ouest	Pneus GBM							✓	1		0	100	0	100
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	✓							1		15980	0	0	15980
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre							✓	1		0	30	0	30
7	12-SADC- Abitibi Ouest	Municipalité de Taschereau	✓							1		963	0	0	963
8	12-SADC- Abitibi Ouest	Les Serres Gallichan			✓					1		0	10	100	110
1	13-SADC de Papineau	Municipalité Papineauville	✓							1		2101	0	0	2101
2	13-SADC de Papineau	Fabrique St-André-Avelin		✓						1		0	1	3786	3787
3	13-SADC de Papineau	Municipalité Ange-Gardien	✓							1		2699	0	0	2699
4	13-SADC de Papineau	Municipalité Plaisance	✓							1		1088	0	0	1088
5	13-SADC de Papineau	CroquePommes			✓					1		0	20	25000	25020
6	13-SADC de Papineau	Ferme Chapeau Melon			✓					1		0	5	30	35
7	13-SADC de Papineau	Épursol							✓	1		0	14	33000	33014
8	13-SADC de Papineau	Lauzon Bois Énergétique							✓	1		0	15	455	470

9	13-SADC de Papineau	Kenauk Nature					√			1		0	17	10000	10017
1	14-SADC- D'Autray-Joliette	Lanaraie Pharma Inc. (Famiprix)						√		1		0	10	200	210
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget							√	1		0	35	0	35
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	√							1		1003	0	0	1003
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville			√					1		0	10	1	11
0	15-SADC Achigan-Montcalm	n.a.										0	0	0	0
1	First cohorte (MR- Feb. 2014)	Boisaco				√				1		0	200	0	200
2	First cohorte (MR- Feb. 2014)	St-Gédéon de Beauce	√							1		2205	0	0	2205
	First cohorte (MR- Feb. 2014)	Recyc PHP							√	1			20		20
	First cohorte (MR- Feb. 2014)	780 Brewster							√	1		0	100	5000	5100
3	First cohorte (MR- Feb. 2014)	RPM Environnement							√	1		0	70	16056	16126
1	New members recruited directly by Will	Les Serres Lefort				√				1		0	500	0	500
2	New members recruited directly by Will	Metalliage							√	1		0	39	0	39
Total			16	10	5	11	3	7	4	28	84	301 485	6 495	460 117	768 097

%	Municipality (Régie inter municipal, MRC)	OBNL (églises, clinique santé, CISSS, CHLD, OBNL)	Écoles (Commission Scolaires, Cegep)	Fermes (including Serres)	Coop (forestière et agricole)	Tourisme (Pourvoirie, auberge)	Commerces au détail	PME manufacturières et centre de tri privé	Sub total
	19,0%	11,9%	6,0%	13,1%	3,6%	8,3%	4,8%	33,3%	100,0%
Nombre de membres	16	10	5	11	3	7	4	28	84

Population	Employés	Clients	Total
3,6%	0,1%	5,4%	9,05%

8 484 000

Impact social <https://novae.ca/2017/11/comment-mesurer-impact-social-de-vos-projets/>

https://www.google.ca/search?rlz=1C1SOJL_frCA793CA7938einxXnwW923LJCzgefvd7/QA&gq=+population+qu%3%A9bec&og=+population+qu%3%A9bec&gs_l=psy-ab.3_010.4878.8314.8728_0.0.0.87.547.8...0...1.gws.wiz.....071067_yhklB8KFUjmg

References <http://www.causapsca.net/profil-municipal.html>

<https://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/index.cfm?Lang=F>

Appendix C: Details result by clients facilities

A consolidated data per Client Facility regroups the summation of all the yearly baseline and projects GHG emissions of all PAI eligible and is available upon request as Appendix C.

Appendix C - 1

Sustainable Community Quebec's project

Confidentiel & private property of Will

Summation fo the GHG emissions, baseline , projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2017 up to December 31, 2018.

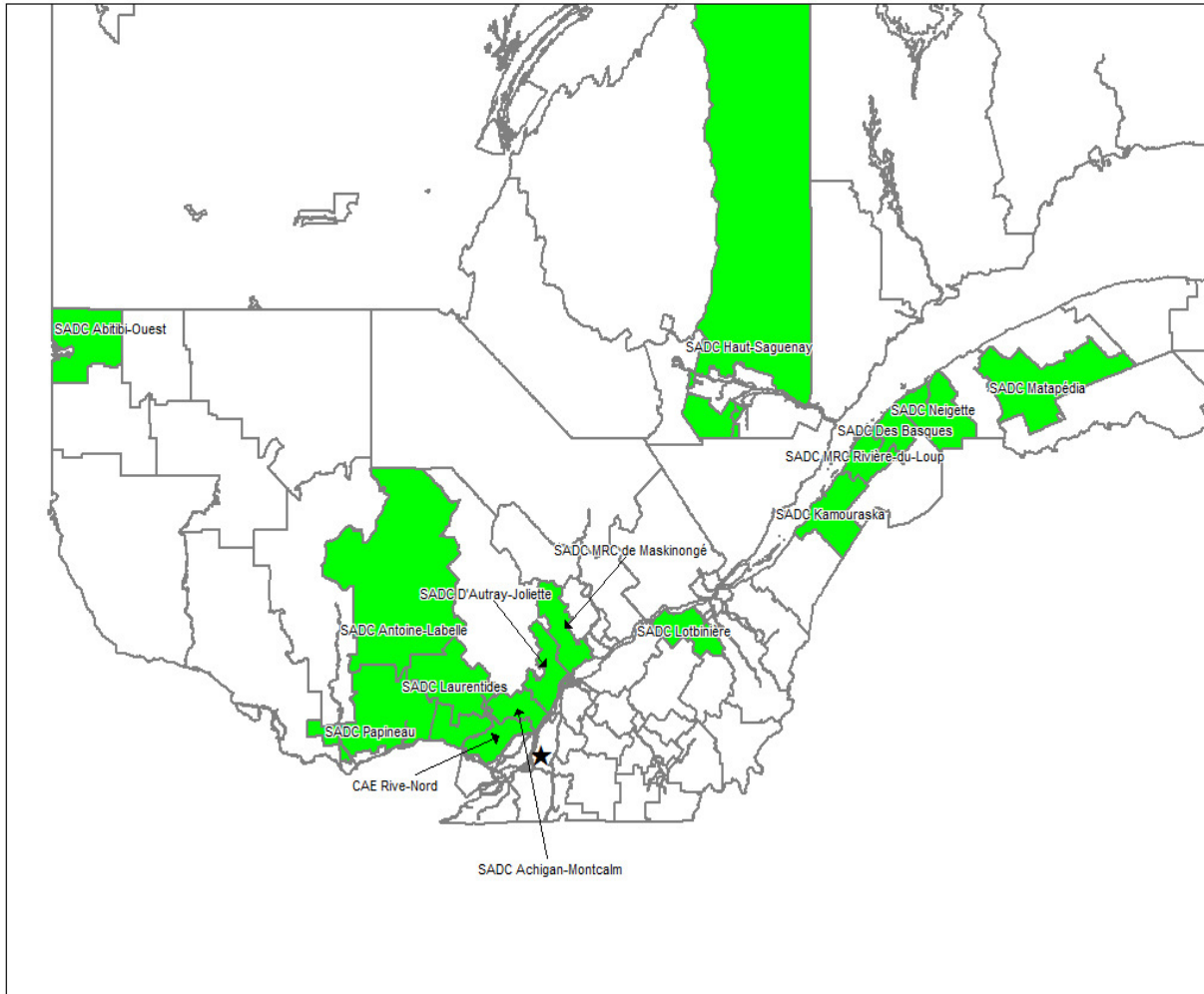
Revised version of June 25th 2020

2018



						GHG emissions in (tCO ₂ e)			
	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 3	Number of PAI, scope 13	Total PAI	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions (tCO ₂ e)
1	01-SADC- Matapédia	2	3	0	3	885	128	<i>de minimus</i>	757
2	02-SADC- Neigette	0	0	0	0	0	0	<i>de minimus</i>	0
3	03-SADC- Basques	8	39	4	43	3 605	452	<i>de minimus</i>	3 153
4	04-SADC- Rivière-du-loup	2	16	1	17	1 748	15	<i>de minimus</i>	1 733
5	05-SADC- Kamouraska	6	17	25	42	5 634	223	<i>de minimus</i>	5 411
6	06-SADC- Lotbinière	5	21	1	22	38 238	7 186	<i>de minimus</i>	31 053
7	07-SADC- Haut-Saguenay	13	21	139	160	148 421	2 029	<i>de minimus</i>	146 392
8	08-SADC- Maskinongé	7	6	69	75	100 566	1 011	<i>de minimus</i>	99 556
9	09 CAE Rive-Nord	5	25	12	37	27 773	429	<i>de minimus</i>	27 344
10	10- SADC Laurentides	4	19	1	20	13 024	2 819	<i>de minimus</i>	10 205
11	11-SADC- Antoine-Labelle	4	21	54	75	34 772	542	<i>de minimus</i>	34 231
12	12-SADC- Abitibi Ouest	8	24	3	27	8 240	333	<i>de minimus</i>	7 906
13	13-SADC de Papineau	9	25	59	84	93 615	137	<i>de minimus</i>	93 478
14	14-SADC- D'Autray-Joliette	4	9	3	12	773	433	<i>de minimus</i>	340
15	15-SADC Achigan-Montcalm	0	0	0	0	0	0	<i>de minimus</i>	0
16	<i>First cohorte (MR- Féb. 2014)</i>	5	24	57	81	106 622	1 707	<i>de minimus</i>	104 915
17	<i>New members recruited by Will</i>	2	110	12	122	0	0	<i>de minimus</i>	0
Total	17	84	380	440	820	583 917	17 444	0	566 473

Quebec territory; all members and group located inside.



Appendix C - 1a

Sustainable Community Quebec's project

Summation fo the GHG emissions, baseline , projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2017 up to December 31, 2018.

Revised version of June 25th , 2020

SCOPE 3

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2018

	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 3	New PAI	GHG emissions in (tCO2e)		
					Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	1	0	812,3	118,8	693,5
2	01-SADC- Matapédia	Parc régional de Val D'Irène	2	0	72,3	9,3	63,0
Sub-total			3	0	884,6	128,1	756,5
0	02-SADC- Neigette	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	1	0	293,9	197,4	96,6
2	03-SADC- Basques	Fibres de verres Rioux	4	0	242,6	202	40,6
3	03-SADC- Basques	Fromagerie des Basques	1	0	230,7	38,2	192,6
4	03-SADC- Basques	Municipalité St-Jean de Dieu	1	0	716,8	11,3	705,5
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	28	6	1471,4	0	1471,4
6	03-SADC- Basques	Fromagerie le Détour	1	0	0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	2	0	58	3,5	54,5
8	03-SADC- Basques	MRC des Basques	1	0	147,2	0	147,2
Sub-total			39	6	3160,6	452,4	2708,4
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	2	0	272,3	0	272,3
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	14	0	1385,6	15,1	1370,5
Sub-total			16	0	1657,9	15,1	1642,8
1	05-SADC- Kamouraska	CDBQ Centre de Dév. Bioalimentaire du Québec	1	0	636,4	17,3	619,1
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	5	0	377,91	195,36	182,55
3	05-SADC- Kamouraska	Ville de la Pocatière	4	0	466,06	10,83	455,23
4	05-SADC- Kamouraska	MRC de Kamouraska	1	0	36,7	0	36,7
5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	6	0	165,2	0	165,2
6	05-SADC- Kamouraska	Ateliers mon choix	0	0	0	0	0
Sub-total			17	0	1682,27	223,49	1458,78
1	06-SADC- Lotbinière	Bois Plancher PG	9	0	2622,7	97,6	2525,1
2	06-SADC- Lotbinière	Miroir Laurier	3	0	1571,07	253,23	1317,84

3	06-SADC- Lotbinière	Bernard Breton	1	0	0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	6	0	21981,2	6422,2	15559
5	06-SADC- Lotbinière	Québec MultiPlants	2	0	963,4	412,5	550,9
Sub-total			21	0	27138,37	7185,53	19952,84
1	07-SADC- Haut-Saguenay	Clinique Montfort	1	0	7,5	0,1	7,4
13	07-SADC- Haut-Saguenay	Éternel Spa	2	0	591,6	382,4	209,2
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish	2	0	113,6	12,8	100,8
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	1	0	56,2	0,3	55,9
4	07-SADC- Haut-Saguenay	Pépinière Boucher	1	0	174,8	51,5	123,3
5	07-SADC- Haut-Saguenay	Récupère Sol	10	0	11205,65	1581,14	9624,51
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	0	0	0	0	0
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	0	0	0	0	0
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	1	1	3186,2	0,4	3185,8
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	0	0	0	0	0
10	07-SADC- Haut-Saguenay	Grimard	1	0	1,9	0	1,9
11	07-SADC- Haut-Saguenay	Les Serres des jardins	1	0	39,4	0,2	39,2
12	07-SADC- Haut-Saguenay	Imago Village	1	0	20,3	0	20,3
Sub-total			21	1	15397,15	2028,84	13368,31
1	08-SADC- Maskinongé	Auberge Sacacomie	2	0	726,5	396,3	330,2
2	08-SADC- Maskinongé	Ferme Tomchys	1	0	343,4	24,8	318,6
3	08-SADC- Maskinongé	Imprimerie Marquis	1	0	812,8	586,9	225,9
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	2	0	222,3	2,6	219,7
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	0	0	0	0	0
6	08-SADC- Maskinongé	Fédération UPA Mauricie	0	0	0	0	0
7	08-SADC- Maskinongé	Lauzon Bois énergétique	0	0	0	0	0
Sub-total			6	0	2105	1010,6	1094,4
1	09 CAE Rive-Nord	Municipalité Prévost	0	0	0	0	0
2	09 CAE Rive-Nord	Compost Ste-Anne	0	0	0	0	0
3	09 CAE Rive-Nord	Cégep de St-Jérôme	12	0	776,9	428,9	348
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	3	0	60	0	60
5	09 CAE Rive-Nord	Moulures Warnet	10	0	375,55	0,01	375,54
Sub-total			25	0	1212,45	428,91	783,54
1	10- SADC Laurentides	Honda Ste-Agathe	2	0	0	0	0
2	10- SADC Laurentides	Groupe Crête	7	0	11694,9	1948,3	9746,6
3	10- SADC Laurentides	Ville de St-Sauveur	1	0	24	2,3	21,7
4	10- SADC Laurentides	Commission Scolaire des Laurentides	9	0	1305,5	868,4	437,1
Sub-total			19	0	13024,4	2819	10205,4

1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	20	0	3377,51	537,75	2839,76
2	11-SADC- Antoine-Labelle	Pouvoirie fer à cheval	1	0	140	3,8	136,2
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	0	0	0	0	0
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	0	0	0	0	0
Sub-total			21	0	3517,51	541,55	2975,96
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	1	0	128,45	0,68	127,77
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	1	0	21,3	11,2	10,1
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	1	0	351,8	263,5	88,3
4	12-SADC- Abitibi Ouest	Pneus GBM	1	0	12,6	0	12,6
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	0	0	0	0	0
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	1	0	166,1	2,2	163,9
7	12-SADC- Abitibi Ouest	Municipalité de Taschereau	1	1	13,9	0	13,9
8	12-SADC- Abitibi Ouest	Les Serres Gallichan	18	18	667,9	55,8	612,1
Sub-total			24	19	1362,05	333,38	1028,67
1	13-SADC de Papineau	Municipalité Papineauville	0	0	0	0	0
2	13-SADC de Papineau	Fabrique St-André-Avelin	1	0	80,6	0,5	80,1
3	13-SADC de Papineau	Municipalité Ange-Gardien	0	0	0	0	0
4	13-SADC de Papineau	Municipalité Plaisance	1	0	12,5	0,2	12,3
5	13-SADC de Papineau	CroquePommes	0	0	0	0	0
6	13-SADC de Papineau	Ferme Chapeau Melon	1	0	6	4,6	1,4
7	13-SADC de Papineau	Épursol	0	0	0	0	0
8	13-SADC de Papineau	Lauzon Bois énergétique	20	0	37371,9	1	37370,9
9	13-SADC de Papineau	Kenauk Nature	2	0	174,6	130,4	44,2
Sub-total			25	0	37645,6	136,7	37508,9
1	14-SADC- D'Autray-Joliette	Lanauriaie Pharma Inc. (Familiprix)	0	0	0	0	0
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	1	0	42,9	25,6	17,3
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	8	0	439,9	407,7	32,2
Sub-total			9	0	482,8	433,3	49,5
0	15-SADC Achigan-Montcalm	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	4	0	9705,08	1516,74	8188,34
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	3	0	102,2	7,6	94,6
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	1	0	26,91	9,11	17,8
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	1	0	220,6	173,6	46,9
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	15	0	0	0	0

Sub-total			24	0	10054,79	1707,05	8347,64
1	<i>New members recruited directly by Will</i>	Les Serres Lefort	76	0	0,0	0,0	0,0
2	<i>New members recruited directly by Will</i>	Metalliage	34	0	0	0	0
Sub-total			110	0	0	0	0
Total	16		380	26	119 325	17 444	101 882

18,0% of the total Net GHG Reduction for this Third Monitoring Report

Appendix C - 1b

SCOPE 13

Sustainable Community Quebec's project

Summation fo the GHG emissions, baseline , projects and reduction quantification

Confidential & private and property of Will Solutions inc.

Fourth Monitoring Report (MR) period covered : January First 2017 up to December 31, 2018.

Revised version of June 25th 2020



2018

	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 13	New PAI	GHG emissions in (tCO2e)		
					Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	0	0	0	0	0
2	01-SADC- Matapédia	Parc régional de Val D'Irène	0	0	0	0	0
Sub-total			0	0	0	0	0
0	02-SADC- Neigette	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	0	0	0	0	0
2	03-SADC- Basques	Fibres de verres Rioux	2	0	31,1	0	31,1
3	03-SADC- Basques	Fromagerie des Basques	0	0	0	0	0
4	03-SADC- Basques	Municipalité St-Jean de Dieu	0	0	0	0	0
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	0	0	0	0	0
6	03-SADC- Basques	Fromagerie le Détour	0	0	0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	0	0	0	0	0
8	03-SADC- Basques	MRC des Basques	2	0	413,5	0	413,5
Sub-total			4	0	444,6	0	444,6
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	1	0	90,1	0	90,1
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	0	0	0	0	0
Sub-total			1	0	90,1	0	90,1
1	05-SADC- Kamouraska	BQ Centre de Dév. Bioalimentaire du Québ	0	0	0	0	0
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	0	0	0	0	0
3	05-SADC- Kamouraska	Ville de la Pocatière	3	0	2174,7	0	2174,7
4	05-SADC- Kamouraska	MRC de Kamouraska	21	0	869,5	0	869,5

5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	0	0	0	0	0
6	05-SADC- Kamouraska	Ateliers mon choix	1	0	907,9	0	907,9
Sub-total			25	0	3952,1	0	3952,1
1	06-SADC- Lotbinière	Bois Plancher PG	1	0	11100,1	0	11100,1
2	06-SADC- Lotbinière	Miroir Laurier	0	0	0	0	0
3	06-SADC- Lotbinière	Bernard Breton	0	0	0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	0	0	0	0	0
5	06-SADC- Lotbinière	Québec MultiPlants	0	0	0	0	0
Sub-total			1	0	11100,1	0	11100,1
1	07-SADC- Haut-Saguenay	Clinique Montfort	0	0	0	0	0
13	07-SADC- Haut-Saguenay	Éternel Spa	0	0	0	0	0
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish	0	0	0	0	0
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	0	0	0	0	0
4	07-SADC- Haut-Saguenay	Pépinière Boucher	0	0	0	0	0
5	07-SADC- Haut-Saguenay	Récupère Sol	1	0	1188	0	1188
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	48	0	54200,1	0	54200,1
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	1	0	1,2	0	1,2
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	85	0	74515,9	0	74515,9
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	3	0	2934,2	0	2934,2
10	07-SADC- Haut-Saguenay	Grimard	1	0	184,1	0	184,1
11	07-SADC- Haut-Saguenay	Les Serres des jardins	0	0	0	0	0
12	07-SADC- Haut-Saguenay	Imago Village	0	0	0	0	0
Sub-total			139	0	133023,5	0	133023,5
1	08-SADC- Maskinongé	Auberge Sacacomie	0	0	0	0	0
2	08-SADC- Maskinongé	Ferme Tomchys	0	0	0	0	0
3	08-SADC- Maskinongé	Imprimerie Marquis	0	0	0	0	0
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	1	0	0	0	0
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	14	0	57071,9	0	57071,9
6	08-SADC- Maskinongé	Fédération UPA Mauricie	39	0	783,5	0	783,5
7	08-SADC- Maskinongé	Lauzon Bois énergétique	15	0	40606	0	40606
Sub-total			69	0	98461,4	0	98461,4
1	09 CAE Rive-Nord	Municipalité Prévost	3	0	5326,9	0	5326,9

2	09 CAE Rive-Nord	Compost Ste-Anne	1	0	1525,1	0	1525,1
3	09 CAE Rive-Nord	Cégep de St-Jérôme	0	0	0	0	0
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	7	0	19226,3	0	19226,3
5	09 CAE Rive-Nord	Moulores Warnet	1	0	482,5	0	482,5
Sub-total			12	0	26560,8	0	26560,8
1	10- SADC Laurentides	Honda Ste-Agathe	1	0	0	0	0
2	10- SADC Laurentides	Groupe Crête	0	0	0	0	0
3	10- SADC Laurentides	Ville de St-Sauveur	0	0	0	0	0
4	10- SADC Laurentides	Commission Scolaire des Laurentides	0	0	0	0	0
Sub-total			1	0	0	0	0
1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	3	0	4275,3	0	4275,3
2	11-SADC- Antoine-Labelle	Pourvoirie fer à cheval	0	0	0	0	0
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	48	0	18287,9	0	18287,9
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	3	0	8691,4	0	8691,4
Sub-total			54	0	31254,6	0	31254,6
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	0	0	0	0	0
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	0	0	0	0	0
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	0	0	0	0	0
4	12-SADC- Abitibi Ouest	Pneus GBM	0	0	0	0	0
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	3	0	6877,8	0	6877,8
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	0	0	0	0	0
7	12-SADC- Abitibi Ouest	Municipalité de Taschereau	0	0	0	0	0
8	12-SADC- Abitibi Ouest	Les Serres Gallichan	0	0	0	0	0
Sub-total			3	0	6877,8	0	6877,8
1	13-SADC de Papineau	Municipalité Papineauville	2	0	1033,51	0	1033,51
2	13-SADC de Papineau	Fabrique St-André-Avelin	0	0	0	0	0
3	13-SADC de Papineau	Municipalité Ange-Gardien	3	0	1487,1	0	1487,1
4	13-SADC de Papineau	Municipalité Plaisance	0	0	0	0	0
5	13-SADC de Papineau	CroquePommes	2	0	12,3	0	12,3
6	13-SADC de Papineau	Ferme Chapeau Melon	3	0	27,9	0	27,9
7	13-SADC de Papineau	Épursol	33	0	2229,1	0	2229,1
8	13-SADC de Papineau	Lauzon Bois énergétique	15	0	51096	0	51096

9	13-SADC de Papineau	Kenauk Nature	1	0	83,2	0	83,2
Sub-total			59	0	55969,11	0	55969,11
1	14-SADC- D'Autray-Joliette	Lanauraie Pharma Inc. (Familiprix)	1	0	17,9	0	17,9
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	2	0	272,3	0	272,3
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	0	0	0	0	0
Sub-total			3	0	290,2	0	290,2
0	15-SADC Achigan-Montcalm	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	53	0	91155,6	0	91155,6
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	0	0	0	0	0
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	2	0	5035,3	0	5035,3
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	2	0	376,1	0	376,1
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	0	0	0	0	0
Sub-total			57	0	96567	0	96567
1	<i>New members recruited directly by Will</i>	Les Serres Lefort	12	0	0	0	0,0
2	<i>New members recruited directly by Will</i>	Metalliage	0	0	0	0	0
Sub-total			12	0	0	0	0
Total	16		440	0	464 591	0	464 591

82,0% of the total Net GHG Reduction for this Third Monitoring Report

Appendix C - 2

Sustainable Community Quebec's project

Confidentiel & private property of Will

Summation for the GHG emissions, baseline , projects and reduction quantification



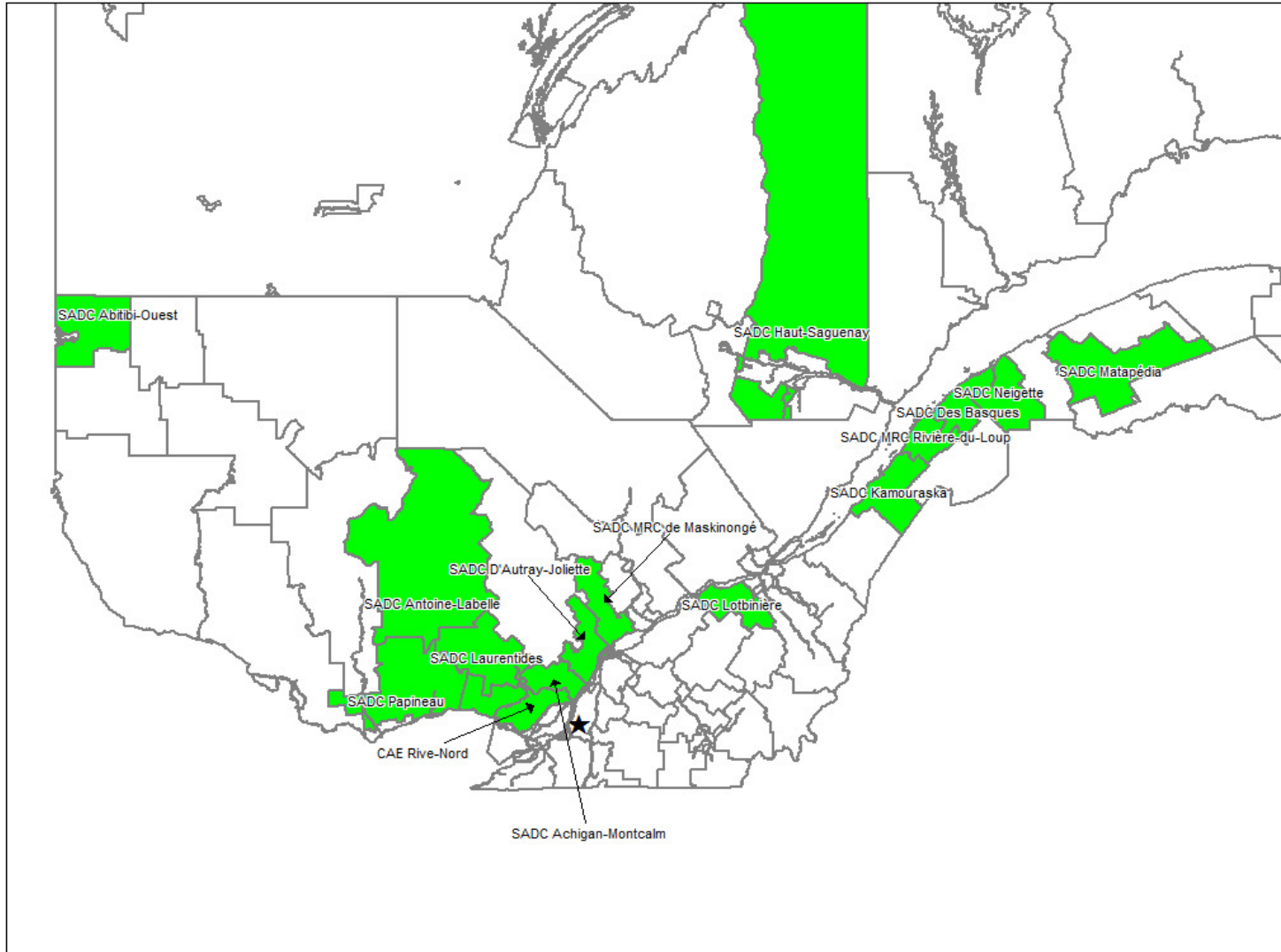
Fourth Monitoring Report (MR) period covered : January First 2017 up to December 31, 2018.

2017

Revised version of June 25th, 2020

						GHG emissions in (tCO ₂ e)			
	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 3	Number of PAI, scope 13	Total PAI	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions (tCO ₂ e)
1	01-SADC- Matapédia	2	3	0	3	619	113	<i>de minimus</i>	506
2	02-SADC- Neigette	0	0	0	0	0	0	<i>de minimus</i>	0
3	03-SADC- Basques	8	39	4	43	3 494	425	<i>de minimus</i>	3 069
4	04-SADC- Rivière-du-loup	2	16	1	17	1 886	186	<i>de minimus</i>	1 699
5	05-SADC- Kamouraska	6	17	25	42	5 277	185	<i>de minimus</i>	5 092
6	06-SADC- Lotbinière	5	21	1	22	37 890	6 679	<i>de minimus</i>	31 211
7	07-SADC- Haut-Saguenay	13	21	139	160	139 558	2 949	<i>de minimus</i>	136 608
8	08-SADC- Maskinongé	7	6	69	75	108 133	1 009	<i>de minimus</i>	107 124
9	09 CAE Rive-Nord	5	25	12	37	11 647	519	<i>de minimus</i>	11 128
10	10- SADC Laurentides	4	19	1	20	33 139	2 203	<i>de minimus</i>	30 936
11	11-SADC- Antoine-Labelle	4	21	54	75	39 571	496	<i>de minimus</i>	39 074
12	12-SADC- Abitibi Ouest	8	6	3	9	7 640	275	<i>de minimus</i>	7 366
13	13-SADC de Papineau	9	25	59	84	82 121	132	<i>de minimus</i>	81 990
14	14-SADC- D'Autray-Joliette	4	9	3	12	773	291	<i>de minimus</i>	482
15	15-SADC Achigan-Montcalm	0	0	0	0	0	0	<i>de minimus</i>	0
16	<i>First cohorte (MR- Féb. 2014)</i>	5	24	57	81	89 905	1 697	<i>de minimus</i>	88 207
17	<i>Members recruited by Will 3rd cohort</i>	2	110	12	122	282 019	111	<i>de minimus</i>	281 908
Total	17	84	362	440	802	843 671	17 271	0	826 400

Quebec territory; all members and group located inside.



Appendix C - 2a

SCOPE 3

Sustainable Community Quebec's project

Summation for the GHG emissions, baseline, projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2017 up to December 31, 2018.

Revised version of June 25th 2020

Confidential & private and property of Will Solutions inc.



2017

	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 3	New PAI	GHG emissions in (tCO2e)		
					Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	1	0	546,6	103,8	442,8
2	01-SADC- Matapédia	Parc régional de Val D'Irène	2	0	72,3	9,3	63
Sub-total			3	0	618,9	113,1	505,8
0	02-SADC- Neigette	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	1	0	293,9	169,9	124
2	03-SADC- Basques	Fibres de verres Rioux	4	0	224,99	185,56	39,43
3	03-SADC- Basques	Fromagerie des Basques	1	0	294,45	41,25	253,2
4	03-SADC- Basques	Municipalité St-Jean de Dieu	1	0	716,8	19,5	697,3
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	28	6	1330,1	0	1330,1
6	03-SADC- Basques	Fromagerie le Détour	1	0	0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	2	0	58	8,4	49,6
8	03-SADC- Basques	MRC des Basques	1	0	147,19	0	147,19
Sub-total			39	6	3065,43	424,61	2640,82
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	2	0	272,3	172,3	100
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	14	0	1385,6	14	1371,6
Sub-total			16	0	1657,9	186,3	1471,6
1	05-SADC- Kamouraska	CDBQ Centre de Dév. Bioalimentaire du Québec	1	0	636,4	14,5	621,9
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	5	0	377,9	159,2	218,7
3	05-SADC- Kamouraska	Ville de la Pocatière	4	0	472,2	11,4	460,8
4	05-SADC- Kamouraska	MRC de Kamouraska	1	0	36,7	0	36,7
5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	6	0	165,2	0	165,2
6	05-SADC- Kamouraska	Ateliers mon choix	0	0	0	0	0
Sub-total			17	0	1688,4	185,1	1503,3
1	06-SADC- Lotbinière	Bois Plancher PG	9	0	2863,6	106,7	2756,9
2	06-SADC- Lotbinière	Miroir Laurier	3	0	1278,5	213,3	1065,2

3	06-SADC- Lotbinière	Bernard Breton	1	0	0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	6	0	21032,9	5892,8	15140,1
5	06-SADC- Lotbinière	Québec MultiPlants	2	0	963,4	466,1	497,3
Sub-total			21	0	26138,4	6678,9	19459,5
1	07-SADC- Haut-Saguenay	Clinique Montfort	1	0	7,5	0,1	7,4
13	07-SADC- Haut-Saguenay	Éternel Spa	2	0	590,92	431,86	159,06
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish	2	0	113,6	12,8	100,8
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	1	0	56,2	0,3	55,9
4	07-SADC- Haut-Saguenay	Pépinière Boucher	1	0	90,2	40,4	49,8
5	07-SADC- Haut-Saguenay	Récupère Sol	10	0	11205,7	1267,7	9938
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	0	0	0	0	0
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	0	0	0	0	0
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	1	1	3186,2	1196,1	1990,1
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	0	0	0	0	0
10	07-SADC- Haut-Saguenay	Grimard	1	0	6,9	0	6,9
11	07-SADC- Haut-Saguenay	Les Serres des jardins	1	0	30,1	0,2	29,9
12	07-SADC- Haut-Saguenay	Imago Village	1	0	15,3	0	15,3
Sub-total			21	1	15302,62	2949,46	12353,16
1	08-SADC- Maskinongé	Auberge Sacacomie	2	0	726,5	396,3	330,2
2	08-SADC- Maskinongé	Ferme Tomchys	1	0	274,9	23,6	251,4
3	08-SADC- Maskinongé	Imprimerie Marquis	1	0	812,8	586,9	225,9
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	2	0	197,4	2,3	195,1
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	0	0	0	0	0
6	08-SADC- Maskinongé	Fédération UPA Mauricie	0	0	0	0	0
7	08-SADC- Maskinongé	Lauzon Bois énergétique	0	0	0	0	0
Sub-total			6	0	2011,6	1009,1	1002,6
1	09 CAE Rive-Nord	Municipalité Prévost	0	0	0	0	0
2	09 CAE Rive-Nord	Compost Ste-Anne	0	0	0	0	0
3	09 CAE Rive-Nord	Cégep de St-Jérôme	12	0	776,9	519,4	257,5
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	3	0	47,04	0	47,04
5	09 CAE Rive-Nord	Moulures Warnet	10	0	375,55	0,01	375,54
Sub-total			25	0	1199,49	519,41	680,08
1	10- SADC Laurentides	Honda Ste-Agathe	2	0	175,8	11	164,8
2	10- SADC Laurentides	Groupe Crête	7	0	31458,4	1597,3	29861,1
3	10- SADC Laurentides	Ville de St-Sauveur	1	0	24	2,6	21,4
4	10- SADC Laurentides	Commission Scolaire des Laurentides	9	0	1305,5	591,9	713,6
Sub-total			19	0	32963,7	2202,8	30760,9

1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	20	0	6099,1	494,7	5604,4
2	11-SADC- Antoine-Labelle	Pourvoirie fer à cheval	1	0	139,97	1,723	138,247
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	0	0	0	0	0
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	0	0	0	0	0
Sub-total			21	0	6239,07	496,423	5742,647
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	1	0	128,4	0,6	127,8
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	1	0	21,27	11,17	10,1
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	1	0	352,8	260,9	91,9
4	12-SADC- Abitibi Ouest	Pneus GBM	1	0	12,6	0	12,6
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	0	0	0	0	0
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	1	0	166,1	1,9	164,2
7	12-SADC- Abitibi Ouest	Municipalité de Taschereau	1	1	13,9	0	13,9
8	12-SADC- Abitibi Ouest	Les Serres Gallichan	0	0	0	0	0
Sub-total			6	1	695,07	274,57	420,5
1	13-SADC de Papineau	Municipalité Papineauville	0	0	0	0	0
2	13-SADC de Papineau	Fabrique St-André-Avelin	1	0	80,6	0,4	80,2
3	13-SADC de Papineau	Municipalité Ange-Gardien	0	0	0	0	0
4	13-SADC de Papineau	Municipalité Plaisance	1	0	12,5	0,1	12,4
5	13-SADC de Papineau	CroquePommes	0	0	0	0	0
6	13-SADC de Papineau	Ferme Chapeau Melon	1	0	0	0	0
7	13-SADC de Papineau	Épursol	0	0	0	0	0
8	13-SADC de Papineau	Lauzon Bois énergétique	20	0	30456,7	0,8	30455,9
9	13-SADC de Papineau	Kenauk Nature	2	0	174,6	130,4	44,2
Sub-total			25	0	30724,4	131,7	30592,7
1	14-SADC- D'Autray-Joliette	Lanauraie Pharma Inc. (Familiprix)	0	0	0	0	0
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	1	0	42,9	25,6	17,3
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	8	0	439,9	265,4	174,5
Sub-total			9	0	482,8	291	191,8
0	15-SADC Achigan-Montcalm	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	4	0	9723,7	1507,4	8216,3
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	3	0	102,2	7,9	94,3
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	1	0	26,91	8,43	18,48
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	1	0	220,6	173,6	46,9
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	15	0	0	0	0

Sub-total			24	0	10073,41	1697,33	8375,98
1	<i>New members recruited directly by Will</i>	Les Serres Lefort	76	0	85 389,1	2,6	85 386,5
2	<i>New members recruited directly by Will</i>	Metalliage	34	0	80137,11	108,39	80028,72
Sub-total			110	0	165526,25	111,012	165415,238
Total	16		362	8	298 387	17 271	281 117

34,0% of the total Net GHG Reduction for this Third Monitoring Report

Appendix C - 2b

SCOPE 13

Sustainable Community Quebec's project

Summation fo the GHG emissions, baseline , projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2017 up to December 31, 2018.

Revised version of June 25th 2020

Confidentiel & private and property of Will Solutions inc.



2017

					GHG emissions in (tCO2e)		
	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 13	New PAI	Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	0	0	0	0	0
2	01-SADC- Matapédia	Parc régional de Val D'Irène	0	0	0	0	0
Sub-total			0	0	0	0	0
0	02-SADC- Neigette	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	0	0	0	0	0
2	03-SADC- Basques	Fibres de verres Rioux	2	0	32,7	0	32,7
3	03-SADC- Basques	Fromagerie des Basques	0	0	0	0	0
4	03-SADC- Basques	Municipalité St-Jean de Dieu	0	0	0	0	0
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	0	0	0	0	0
6	03-SADC- Basques	Fromagerie le Détour	0	0	0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	0	0	0	0	0
8	03-SADC- Basques	MRC des Basques	2	0	395,49	0	395,49
Sub-total			4	0	428,19	0	428,19
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	1	0	227,8	0	227,8
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	0	0	0	0	0
Sub-total			1	0	227,8	0	227,8
1	05-SADC- Kamouraska	BQ Centre de Dév. Bioalimentaire du Québec	0	0	0	0	0
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	0	0	0	0	0
3	05-SADC- Kamouraska	Ville de la Pocatière	3	0	2157,9	0	2157,9
4	05-SADC- Kamouraska	MRC de Kamouraska	21	0	827	0	827

5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	0	0	0	0	0
6	05-SADC- Kamouraska	Ateliers mon choix	1	0	603,6	0	603,6
Sub-total			25	0	3588,5	0	3588,5
1	06-SADC- Lotbinière	Bois Plancher PG	1	0	11751,9	0	11751,9
2	06-SADC- Lotbinière	Miroir Laurier	0	0	0	0	0
3	06-SADC- Lotbinière	Bernard Breton	0	0	0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	0	0	0	0	0
5	06-SADC- Lotbinière	Québec MultiPlants	0	0	0	0	0
Sub-total			1	0	11751,9	0	11751,9
1	07-SADC- Haut-Saguenay	Clinique Montfort	0	0	0	0	0
13	07-SADC- Haut-Saguenay	Éternel Spa	0	0	0	0	0
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish	0	0	0	0	0
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	0	0	0	0	0
4	07-SADC- Haut-Saguenay	Pépinière Boucher	0	0	0	0	0
5	07-SADC- Haut-Saguenay	Récupère Sol	1	0	748	0	748
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	48	0	47544,6	0	47544,6
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	1	0	1,2	0	1,2
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	85	0	72184,5	0	72184,5
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	3	0	3592,6	0	3592,6
10	07-SADC- Haut-Saguenay	Grimard	1	0	184,1	0	184,1
11	07-SADC- Haut-Saguenay	Les Serres des jardins	0	0	0	0	0
12	07-SADC- Haut-Saguenay	Imago Village	0	0	0	0	0
Sub-total			139	0	124255	0	124255
1	08-SADC- Maskinongé	Auberge Sacacomie	0	0	0	0	0
2	08-SADC- Maskinongé	Ferme Tomchys	0	0	0	0	0
3	08-SADC- Maskinongé	Imprimerie Marquis	0	0	0	0	0
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	1	0	0	0	0
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	14	0	57332,8	0	57332,8
6	08-SADC- Maskinongé	Fédération UPA Mauricie	39	0	881,9	0	881,9
7	08-SADC- Maskinongé	Lauzon Bois énergétique	15	0	47906,6	0	47906,6
Sub-total			69	0	106121,3	0	106121,3
1	09 CAE Rive-Nord	Municipalité Prévost	3	0	5377,9	0	5377,9

2	09 CAE Rive-Nord	Compost Ste-Anne	1	0	1919,3	0	1919,3
3	09 CAE Rive-Nord	Cégep de St-Jérôme	0	0	0	0	0
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	7	0	2667,9	0	2667,9
5	09 CAE Rive-Nord	Mouluures Warnet	1	0	482,5	0	482,5
Sub-total			12	0	10447,6	0	10447,6
1	10- SADC Laurentides	Honda Ste-Agathe	1	0	174,8	0	174,8
2	10- SADC Laurentides	Groupe Crête	0	0	0	0	0
3	10- SADC Laurentides	Ville de St-Sauveur	0	0	0	0	0
4	10- SADC Laurentides	Commission Scolaire des Laurentides	0	0	0	0	0
Sub-total			1	0	174,8	0	174,8
1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	3	0	8352,6	0	8352,6
2	11-SADC- Antoine-Labelle	Pourvoirie fer à cheval	0	0	0	0	0
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	48	0	17117,6	0	17117,6
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	3	0	7861,5	0	7861,5
Sub-total			54	0	33331,7	0	33331,7
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	0	0	0	0	0
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	0	0	0	0	0
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	0	0	0	0	0
4	12-SADC- Abitibi Ouest	Pneus GBM	0	0	0	0	0
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	3	0	6945	0	6945
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	0	0	0	0	0
7	12-SADC- Abitibi Ouest	Municipalité Taschereau	0	0	0	0	0
8	12-SADC- Abitibi Ouest	Les serres Gallichan	0	0	0	0	0
Sub-total			3	0	6945	0	6945
1	13-SADC de Papineau	Municipalité Papineauville	2	0	1027,6	0	1027,6
2	13-SADC de Papineau	Fabrique St-André-Avelin	0	0	0	0	0
3	13-SADC de Papineau	Municipalité Ange-Gardien	3	0	1487,1	0	1487,1
4	13-SADC de Papineau	Municipalité Plaisance	0	0	0	0	0
5	13-SADC de Papineau	CroquePommes	2	0	12,3	0	12,3
6	13-SADC de Papineau	Ferme Chapeau Melon	3	0	25,1	0	25,1
7	13-SADC de Papineau	Épursol	33	0	4911,9	0	4911,9
8	13-SADC de Papineau	Lauzon Bois énergétique	15	0	43849,6	0	43849,6

9	13-SADC de Papineau	Kenauk Nature	1	0	83,2	0	83,2
Sub-total			59	0	51396,8	0	51396,8
1	14-SADC- D'Autray-Joliette	Lanauraie Pharma Inc. (Familiprix)	1	0	17,9	0	17,9
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	2	0	272,3	0	272,3
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	0	0	0	0	0
Sub-total			3	0	290,2	0	290,2
0	15-SADC Achigan-Montcalm	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	53	0	73722,8	0	73722,8
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	0	0	0	0	0
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	2	0	5732,4	0	5732,4
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	2	0	376,1	0	376,1
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	0	0	0	0	0
Sub-total			57	0	79831,3	0	79831,3
1	<i>New members recruited directly by Will</i>	Les Serres Lefort	12	0	116493,2	0	116 493,2
2	<i>New members recruited directly by Will</i>	Metalliage	0	0	0	0	0
Sub-total			12	0	116493,2	0	116493,21
Total	16		440	0	545 283	0	545 283

66,0% of the total Net GHG Reduction for this Third Monitoring Report

Appendix D: The results for the period of 2013-2016

The project proponent, WILL Solutions Inc. (WSI), asked to the VVB to verify in its mandate the net GHG emissions reductions quantified from 6 of the 84 clients facilities of this Monitoring report, from the period January 1st 2013 up to December 31th 2016. These nets GHG emissions reductions were realized under the validated project document at the time the VCS program did not have in place a disposition regarding overlapping period for monitoring reports as described in its version v3.4 , issued on October 8th 2013 in the section 3.16.7 of its VCS program. The amount of these verified GHG's reductions represents 323 232 tCO₂e. This amount is excluded of this present monitoring report. These verified GHG reductions will not be serialized under the VCS program.

Table 1 Appendix D: list of GHG emission reductions quantified by vintage from the period January 1st 2010 up to December 31th 2016

year	GHG emissions in (tCO ₂ e)			
	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions (tCO ₂ e)
2010	0	0	<i>de minimus</i>	0
2011	0	0	<i>de minimus</i>	0
2012	0	0	<i>de minimus</i>	0
2013	85 171	1	<i>de minimus</i>	85 170
2014	110 650	1 740	<i>de minimus</i>	108 909
2015	125 167	1 599	<i>de minimus</i>	123 569
2016	6 101	518	<i>de minimus</i>	5 584
Total 2010-2015	327 089	3 857	0	323 232

The 123 569 tCO₂e for the year 2015 and the 5 584 tCO₂e for 2016 are representing the net GHG emission reduction of the year 2015 and 2016 and written in the top Table included the net GHG emissions reductions (all from sectorial scope 3 and 13) realized after January First, 2015 which were realized under the Quebec phase II regulated carbon market, the RSPEDE. The amount of the net GHG emissions reductions from sectorial scope 3 and realized after January First, 2015 up to December 31, 2016 represents 34 332 tCO₂e. Detailed yearly calculations (2013-2016) for each client's facility are available upon request.

The project proponent took a conservative approach by excluding all grid electricity claims (scope 2 as defined by energy indirect GHG¹⁶) from all the 820 PAI of this Monitoring Report (January First 2017 up to December 31th 2018) and from the period starting January First, 2013 up to December 31th, 2015. The emission factor (EF) associated with the electricity grid, in the Québec territory, is 2,04 grams of CO₂e / kilowatt-hour. To pretend to claim a GHG reductions a PAI should generate a yearly electric consumption variation of > 490 000 kWh/year. The Project proponent, upon request, will show 6 different client facility example (Fromagerie Basques, Pourvoirie Fer à Cheval, Église Notre Dame du Lac, Clinique Montfort, Ferme L.H. Drainville and Les serres des Jardins).

¹⁶**Scope 2 is also referred to as Energy Indirect GHG**, and is defined as ‘emissions from the consumption of purchased electricity, steam, or other sources of energy (e.g. chilled water) generated upstream from the organization’.

Appendix D - 1

Sustainable Community Quebec's project

Confidentiel & private property of Will

2010-2016

Summation fo the GHG emissions, baseline , projects and reduction quantification

Fourth Monitoring Report (MR) period covered : **January First 2010 up to December 31, 2016.**

Revised version of June 5th 2020



year	GHG emissions in (tCO2e)			
	Baseline emissions (tCO2e)	Project emissions (tCO2e)	Leakage emissions (tCO2e)	Net GHG emission reductions (tCO2e)
2010	0	0	<i>de minimus</i>	0
2011	0	0	<i>de minimus</i>	0
2012	0	0	<i>de minimus</i>	0
2013	85 171	1	<i>de minimus</i>	85 170
2014	110 650	1 740	<i>de minimus</i>	108 909
2015	125 167	1 599	<i>de minimus</i>	123 569
2016	6 101	518	<i>de minimus</i>	5 584
Total 2010-2015	327 089	3 857	0	323 232

	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 3	Number of PAI, scope 13	2012- GHG emissions in (tCO2e)				2013- GHG emiss	
					Baseline emissions (tCO2e)	Project emissions (tCO2e)	Leakage emissions (tCO2e)	Net GHG emission reductions (tCO2e)	Baseline emissions (tCO2e)	Project emissions (tCO2e)
1	01-SADC- Matapédia	2	0	0	0	0	<i>de minimus</i>	0	0	0
2	02-SADC- Neigette	0	0	0	0	0	<i>de minimus</i>	0	0	0
3	03-SADC- Basques	8	0	0	0	0	<i>de minimus</i>	0	0	0

4	04-SADC- Rivière-du-loup	2	0	0	0	0	<i>de minimus</i>	0	0	0
5	05-SADC- Kamouraska	6	0	0	0	0	<i>de minimus</i>	0	0	0
6	06-SADC- Lotbinière	5	0	0	0	0	<i>de minimus</i>	0	0	0
7	07-SADC- Haut-Saguenay	13	2	0	0	0	<i>de minimus</i>	0	0	0
8	08-SADC- Maskinongé	7	0	15	0	0	<i>de minimus</i>	0	26 807	0
9	09 CAE Rive-Nord	5	0	0	0	0	<i>de minimus</i>	0	0	0
10	10- SADC Laurentides	4	0	0	0	0	<i>de minimus</i>	0	0	0
11	11-SADC- Antoine-Labelle	4	0	0	0	0	<i>de minimus</i>	0	0	0
12	12-SADC- Abitibi Ouest	6	0	0	0	0	<i>de minimus</i>	0	0	0
13	13-SADC de Papineau	9	20	15	0	0	<i>de minimus</i>	0	58 364	1
14	14-SADC- D'Autray-Joliette	4	0	0	0	0	<i>de minimus</i>	0	0	0
15	15-SADC Achigan-Montcalm	0	0	0	0	0	<i>de minimus</i>	0	0	0
16	<i>First cohorte (MR- Féb. 2014)</i>	5	17	4	0	0	<i>de minimus</i>	0	0	0
17	<i>New members recruited by Will</i>	2	0	0	0	0	<i>de minimus</i>	0	0	0
Total	17	82	39	34	0	0	0	0	85 171	1

Emissions in (tCO ₂ e)		2014- GHG emissions in (tCO ₂ e)				2015- GHG emissions in (tCO ₂ e)				2016- GHG emissions in (tCO ₂ e)			
Leakage emissions (tCO ₂ e)	Net GHG emission reductions (tCO ₂ e)	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions (tCO ₂ e)	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions (tCO ₂ e)	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions (tCO ₂ e)
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0

<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	548	338	<i>de minimus</i>	211
<i>de minimus</i>	26 807	34 090	0	<i>de minimus</i>	34 090	40 134	0	<i>de minimus</i>	40 134	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	58 364	70 958	1	<i>de minimus</i>	70 957	78 484	1	<i>de minimus</i>	78 483	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
<i>de minimus</i>	0	5 602	1 740	<i>de minimus</i>	3 862	6 550	1 598	<i>de minimus</i>	4 952	5 553	180	<i>de minimus</i>	5 373
<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0	0	0	<i>de minimus</i>	0
0	85 170	110 650	1 740	0	108 909	125 167	1 599	0	123 569	6 101	518	0	5 584

Total 2010-20	2017	Total 2010-20	
Net GHG emission reductions (tCO2e)	Net GHG emission reductions (tCO2e)	Net GHG emission reductions (tCO2e)	%
0	0	0	0,00%
0	0	0	0,00%
0	0	0	0,00%

0	0	0	0,00%
0	0	0	0,00%
0	0	0	0,00%
211	0	211	0,07%
101 030	0	101 030	31,26%
0	0	0	0,00%
0	0	0	0,00%
0	0	0	0,00%
0	0	0	0,00%
207 804	0	207 804	64,29%
0	0	0	0,00%
0	0	0	0,00%
14 187	0	14 187	4,39%
0	0	0	0,00%
323 232	0	323 232	100,00%

Appendix D- 1

SCOPE 3 for the year 2016

Sustainable Community Quebec's project

Summation fo the GHG emissions, baseline , projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2010 up to December 31, 2016.

Revised version of June 5th 2020



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	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 3	New PAI	GHG emissions in (tCO2e)		
					Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	0	0	0,0	0	0
2	01-SADC- Matapédia	Parc régional de Val D'Irène	0	0	0,0	0	0
Sub-total			0	0	0	0	0
0	02-SADC- Neigette	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	0	0	0,0	0	0
2	03-SADC- Basques	Fibres de verres Rioux	0	0	0,0	0	0
3	03-SADC- Basques	Fromagerie des Basques	0	0	0,0	0	0
4	03-SADC- Basques	Municipalité St-Jean de Dieu	0	0	0,0	0	0
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	0	0	0,0	0	0
6	03-SADC- Basques	Fromagerie le Détour	0	0	0,0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	0	0	0,0	0	0
8	03-SADC- Basques	MRC des Basques	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	0	0	0,0	0	0
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	05-SADC- Kamouraska	CDBQ Centre de Dév. Bioalimentaire du Québec	0	0	0,0	0	0
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	0	0	0,0	0	0
3	05-SADC- Kamouraska	Ville de la Pocatière	0	0	0,0	0	0
4	05-SADC- Kamouraska	MRC de Kamouraska	0	0	0,0	0	0
5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	0	0	0,0	0	0
6	05-SADC- Kamouraska	Ateliers mon choix	0	0	0	0	0
Sub-total			0	0	0	0	0
1	06-SADC- Lotbinière	Bois Plancher PG	0	0	0,0	0	0
2	06-SADC- Lotbinière	Miroir Laurier	0	0	0,0	0	0

3	06-SADC- Lotbinière	Bernard Breton	0	0	0,0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	0	0	0,0	0	0
5	06-SADC- Lotbinière	Québec MultiPlants	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	07-SADC- Haut-Saguenay	Clinique Montfort	0	0	0	0	0
13	07-SADC- Haut-Saguenay	Éternel Spa	2	0	548,4	337,8	210,6
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish	0	0	0	0	0
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	0	0	0	0	0
4	07-SADC- Haut-Saguenay	Pépinière Boucher	0	0	0	0	0
5	07-SADC- Haut-Saguenay	Récupère Sol	0	0	0	0	0
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	0	0	0	0	0
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	0	0	0	0	0
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	0	0	0	0	0
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	0	0	0	0	0
10	07-SADC- Haut-Saguenay	Grimard	0	0	0,0	0	0
11	07-SADC- Haut-Saguenay	Les Serres des jardins	0	0	0,0	0	0
12	07-SADC- Haut-Saguenay	Imago Village	0	0	0	0	0
Sub-total			2	0	548,4	337,8	210,6
1	08-SADC- Maskinongé	Auberge Sacacomie	0	0	0,0	0	0
2	08-SADC- Maskinongé	Ferme Tomchys	0	0	0,0	0	0
3	08-SADC- Maskinongé	Imprimerie Marquis	0	0	0,0	0	0
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	0	0	0,0	0	0
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	0	0	0	0	0
6	08-SADC- Maskinongé	Fédération UPA Mauricie	0	0	0	0	0
7	08-SADC- Maskinongé	Lauzon Bois énergétique	0	0	0	0	0
Sub-total			0	0	0	0	0
1	09 CAE Rive-Nord	Municipalité Prévost	0	0	0	0	0
2	09 CAE Rive-Nord	Compost Ste-Anne	0	0	0	0	0
3	09 CAE Rive-Nord	Cégep de St-Jérôme	0	0	0,0	0	0
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	0	0	0,0	0	0
5	09 CAE Rive-Nord	Moulores Warnet	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	10- SADC Laurentides	Honda Ste-Agathe	0	0	0,0	0	0
2	10- SADC Laurentides	Groupe Crête	0	0	0,0	0	0
3	10- SADC Laurentides	Ville de St-Sauveur	0	0	0,0	0	0
4	10- SADC Laurentides	Commission Scolaire des Laurentides	0	0	0,0	0	0
Sub-total			0	0	0	0	0

1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	0	0	0,0	0	0
2	11-SADC- Antoine-Labelle	Pourvoirie fer à cheval	0	0	0,0	0	0
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	0	0	0	0	0
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	0	0	0	0	0
Sub-total			0	0	0	0	0
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	0	0	0,0	0	0
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	0	0	0,0	0	0
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	0	0	0,0	0	0
4	12-SADC- Abitibi Ouest	Pneus GBM	0	0	0,0	0	0
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	0	0	0,0	0	0
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	13-SADC de Papineau	Municipalité Papineauville	0	0	0	0	0
2	13-SADC de Papineau	Fabrique St-André-Avelin	0	0	0	0	0
3	13-SADC de Papineau	Municipalité Ange-Gardien	0	0	0	0	0
4	13-SADC de Papineau	Municipalité Plaisance	0	0	0,0	0	0
5	13-SADC de Papineau	CroquePommes	0	0	0	0	0
6	13-SADC de Papineau	Ferme Chapeau Melon	0	0	0	0	0
7	13-SADC de Papineau	Épursol	0	0	0	0	0
8	13-SADC de Papineau	Lauzon Bois énergétique	0	0	0	0	0
9	13-SADC de Papineau	Kenauk Nature	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	14-SADC- D'Autray-Joliette	Lanauraie Pharma Inc. (Familiprix)	0	0	0	0	0
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0,0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	0	0	0,0	0	0
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	0	0	0	0	0
Sub-total			0	0	0	0	0
0	15-SADC Achigan-Montcalm	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	0	0	0	0	0
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	0	0	0,0	0	0
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	1	0	26,9	6,2	20,7
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	1	0	220,6	173,6	46,9
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	0	0	0,0	0	0
Sub-total			2	0	247,51	179,8	67,61

1	<i>New members recruited directly by Will</i>	Les Serres Lefort	0	0	0,0	0	0
2	<i>New members recruited directly by Will</i>	Metalliage	0	0	0,0	0	0
Sub-total			0	0	0	0	0
Total	17	3	4	0	796	518	278

5,0% of the total Net GHG Reduction for this Third Monitoring Report

Appendix D - 1

SCOPE 13 for the year 2016

Sustainable Community Quebec's project

Summation of the GHG emissions, baseline, projects and reduction quantification

Confidential & private and property of Will Solutions inc.

Fourth Monitoring Report (MR) period covered : January First 2010 up to December 31, 2016.

Revised version of June 5th 2020



	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 13	New PAI	GHG emissions in (tCO2e)		
					Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	0	0	0	0	0
2	01-SADC- Matapédia	Parc régional de Val D'Irène	0	0	0	0	0
Sub-total			0	0	0	0	0
0	02-SADC- Neigette	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	0	0	0	0	0
2	03-SADC- Basques	Fibres de verres Rioux	0	0	0	0	0
3	03-SADC- Basques	Fromagerie des Basques	0	0	0	0	0
4	03-SADC- Basques	Municipalité St-Jean de Dieu	0	0	0	0	0
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	0	0	0	0	0
6	03-SADC- Basques	Fromagerie le Détour	0	0	0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	0	0	0	0	0
8	03-SADC- Basques	MRC des Basques	0	0	0	0	0
Sub-total			0	0	0	0	0
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	0	0	0	0	0
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	0	0	0	0	0
Sub-total			0	0	0	0	0
1	05-SADC- Kamouraska	CDBQ Centre de Dév. Bioalimentaire du Québec	0	0	0	0	0
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	0	0	0	0	0
3	05-SADC- Kamouraska	Ville de la Pocatière	0	0	0	0	0
4	05-SADC- Kamouraska	MRC de Kamouraska	0	0	0	0	0
5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	0	0	0	0	0
6	05-SADC- Kamouraska	Ateliers mon choix	0	0	0	0	0
Sub-total			0	0	0	0	0
1	06-SADC- Lotbinière	Bois Plancher PG	0	0	0	0	0
2	06-SADC- Lotbinière	Miroir Laurier	0	0	0	0	0

3	06-SADC- Lotbinière	Bernard Breton	0	0	0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	0	0	0	0	0
5	06-SADC- Lotbinière	Québec MultiPlants	0	0	0	0	0
Sub-total			0	0	0	0	0
1	07-SADC- Haut-Saguenay	Clinique Montfort	0	0	0	0	0
13	07-SADC- Haut-Saguenay	Éternel Spa	0	0	0	0	0
2	07-SADC- Haut-Saguenay	Pouvoirie Wapishish	0	0	0	0	0
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	0	0	0	0	0
4	07-SADC- Haut-Saguenay	Pépinière Boucher	0	0	0	0	0
5	07-SADC- Haut-Saguenay	Récupère Sol	0	0	0	0	0
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	0	0	0	0	0
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	0	0	0	0	0
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	0	0	0	0	0
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	0	0	0	0	0
10	07-SADC- Haut-Saguenay	Grimard	0	0	0	0	0
11	07-SADC- Haut-Saguenay	Les Serres des jardins	0	0	0	0	0
12	07-SADC- Haut-Saguenay	Imago Village	0	0	0	0	0
Sub-total			0	0	0	0	0
1	08-SADC- Maskinongé	Auberge Sacacomie	0	0	0	0	0
2	08-SADC- Maskinongé	Ferme Tomchys	0	0	0	0	0
3	08-SADC- Maskinongé	Imprimerie Marquis	0	0	0	0	0
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	0	0	0	0	0
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	0	0	0	0	0
6	08-SADC- Maskinongé	Fédération UPA Mauricie	0	0	0	0	0
7	08-SADC- Maskinongé	Lauzon Bois énergétique	0	0	0	0	0
Sub-total			0	0	0	0	0
1	09 CAE Rive-Nord	Municipalité Prévost	0	0	0	0	0
2	09 CAE Rive-Nord	Compost Ste-Anne	0	0	0	0	0
3	09 CAE Rive-Nord	Cégep de St-Jérôme	0	0	0	0	0
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	0	0	0	0	0
5	09 CAE Rive-Nord	Moulores Warnet	0	0	0	0	0
Sub-total			0	0	0	0	0
1	10- SADC Laurentides	Honda Ste-Agathe	0	0	0	0	0
2	10- SADC Laurentides	Groupe Crête	0	0	0	0	0
3	10- SADC Laurentides	Ville de St-Sauveur	0	0	0	0	0
4	10- SADC Laurentides	Commission Scolaire des Laurentides	0	0	0	0	0
Sub-total			0	0	0	0	0

1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	0	0	0	0	0
2	11-SADC- Antoine-Labelle	Pouvoirier fer à cheval	0	0	0	0	0
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	0	0	0	0	0
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	0	0	0	0	0
Sub-total			0	0	0	0	0
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	0	0	0	0	0
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	0	0	0	0	0
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	0	0	0	0	0
4	12-SADC- Abitibi Ouest	Pneus GBM	0	0	0	0	0
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	0	0	0	0	0
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	0	0	0	0	0
Sub-total			0	0	0	0	0
1	13-SADC de Papineau	Municipalité Papineauville	0	0	0	0	0
2	13-SADC de Papineau	Fabrique St-André-Avelin	0	0	0	0	0
3	13-SADC de Papineau	Municipalité Ange-Gardien	0	0	0	0	0
4	13-SADC de Papineau	Municipalité Plaisance	0	0	0	0	0
5	13-SADC de Papineau	CroquePommes	0	0	0	0	0
6	13-SADC de Papineau	Ferme Chapeau Melon	0	0	0	0	0
7	13-SADC de Papineau	Épursol	0	0	0	0	0
8	13-SADC de Papineau	Lauzon Bois énergétique	0	0	0	0	0
9	13-SADC de Papineau	Kenauk Nature	0	0	0	0	0
Sub-total			0	0	0	0	0
1	14-SADC- D'Autray-Joliette	Lanauriaie Pharma Inc. (Familiprix)	0	0	0	0	0
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	0	0	0	0	0
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	0	0	0	0	0
Sub-total			0	0	0	0	0
0	15-SADC Achigan-Montcalm	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	0	0	0	0	0
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	0	0	0	0	0
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	2	0	4929,2	0	4929,2
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	2	0	376,1	0	376,1
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	0	0	0	0	0
Sub-total			4	0	5305,3	0	5305,3

1	New members recruited directly by Will	Les Serres Lefort	0	0	0	0	0
2	New members recruited directly by Will	Metalliage	0	0	0	0	0
Sub-total			0	0	0	0	0
Total	17	2	4	0	5 305	0	5 305

95,0% of the total Net GHG Reduction for this Third Monitoring Report

Appendix D- 1

SCOPE 3 for the year 2015

Sustainable Community Quebec's project

Summation fo the GHG emissions, baseline , projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2010 up to December 31, 2016.

Revised version of January 5th 2020



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	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 3	New PAI	GHG emissions in (tCO2e)		
					Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	0	0	0,0	0	0
2	01-SADC- Matapédia	Parc régional de Val D'Irène	0	0	0,0	0	0
Sub-total			0	0	0	0	0
0	02-SADC- Neigette	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	0	0	0,0	0	0
2	03-SADC- Basques	Fibres de verres Rioux	0	0	0,0	0	0
3	03-SADC- Basques	Fromagerie des Basques	0	0	0,0	0	0
4	03-SADC- Basques	Municipalité St-Jean de Dieu	0	0	0,0	0	0
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	0	0	0,0	0	0
6	03-SADC- Basques	Fromagerie le Détour	0	0	0,0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	0	0	0,0	0	0
8	03-SADC- Basques	MRC des Basques	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	0	0	0,0	0	0
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	05-SADC- Kamouraska	CDBQ Centre de Dév. Bioalimentaire du Québec	0	0	0,0	0	0
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	0	0	0,0	0	0
3	05-SADC- Kamouraska	Ville de la Pocatière	0	0	0,0	0	0
4	05-SADC- Kamouraska	MRC de Kamouraska	0	0	0,0	0	0
5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	0	0	0,0	0	0
6	05-SADC- Kamouraska	Ateliers mon choix	0	0	0	0	0
Sub-total			0	0	0	0	0
1	06-SADC- Lotbinière	Bois Plancher PG	0	0	0,0	0	0
2	06-SADC- Lotbinière	Miroir Laurier	0	0	0,0	0	0

3	06-SADC- Lotbinière	Bernard Breton	0	0	0,0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	0	0	0,0	0	0
5	06-SADC- Lotbinière	Québec MultiPlants	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	07-SADC- Haut-Saguenay	Clinique Montfort	0	0	0	0	0
13	07-SADC- Haut-Saguenay	Éternal Spa	0	0	0	0	0
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish	0	0	0	0	0
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	0	0	0	0	0
4	07-SADC- Haut-Saguenay	Pépinière Boucher	0	0	0	0	0
5	07-SADC- Haut-Saguenay	Récupère Sol	0	0	0	0	0
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	0	0	0	0	0
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	0	0	0	0	0
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	0	0	0	0	0
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	0	0	0	0	0
10	07-SADC- Haut-Saguenay	Grimard	0	0	0,0	0	0
11	07-SADC- Haut-Saguenay	Les Serres des jardins	0	0	0,0	0	0
12	07-SADC- Haut-Saguenay	Imago Village	0	0	0	0	0
Sub-total			0	0	0	0	0
1	08-SADC- Maskinongé	Auberge Sacacomie	0	0	0,0	0	0
2	08-SADC- Maskinongé	Ferme Tomchyrs	0	0	0,0	0	0
3	08-SADC- Maskinongé	Imprimerie Marquis	0	0	0,0	0	0
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	0	0	0,0	0	0
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	0	0	0	0	0
6	08-SADC- Maskinongé	Fédération UPA Mauricie	0	0	0	0	0
7	08-SADC- Maskinongé	Lauzon Bois énergétique	0	0	0	0	0
Sub-total			0	0	0	0	0
1	09 CAE Rive-Nord	Municipalité Prévost	0	0	0	0	0
2	09 CAE Rive-Nord	Compost Ste-Anne	0	0	0	0	0
3	09 CAE Rive-Nord	Cégep de St-Jérôme	0	0	0,0	0	0
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	0	0	0,0	0	0
5	09 CAE Rive-Nord	Moulores Warnet	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	10- SADC Laurentides	Honda Ste-Agathe	0	0	0,0	0	0
2	10- SADC Laurentides	Groupe Crête	0	0	0,0	0	0
3	10- SADC Laurentides	Ville de St-Sauveur	0	0	0,0	0	0
4	10- SADC Laurentides	Commission Scolaire des Laurentides	0	0	0,0	0	0
Sub-total			0	0	0	0	0

1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	0	0	0,0	0	0
2	11-SADC- Antoine-Labelle	Pourvoirie fer à cheval	0	0	0,0	0	0
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	0	0	0	0	0
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	0	0	0	0	0
Sub-total			0	0	0	0	0
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	0	0	0,0	0	0
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	0	0	0,0	0	0
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	0	0	0,0	0	0
4	12-SADC- Abitibi Ouest	Pneus GBM	0	0	0,0	0	0
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	0	0	0,0	0	0
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	0	0	0,0	0	0
Sub-total			0	0	0	0	0
1	13-SADC de Papineau	Municipalité Papineauville	0	0	0	0	0
2	13-SADC de Papineau	Fabrique St-André-Avelin	0	0	0	0	0
3	13-SADC de Papineau	Municipalité Ange-Gardien	0	0	0	0	0
4	13-SADC de Papineau	Municipalité Plaisance	0	0	0,0	0	0
5	13-SADC de Papineau	CroquePommes	0	0	0	0	0
6	13-SADC de Papineau	Ferme Chapeau Melon	0	0	0	0	0
7	13-SADC de Papineau	Épursol	0	0	0	0	0
8	13-SADC de Papineau	Lauzon Bois énergétique	20	0	32576,1	0,9	32575,2
9	13-SADC de Papineau	Kenauk Nature	0	0	0,0	0	0
Sub-total			20	0	32576,1	0,9	32575,2
1	14-SADC- D'Autray-Joliette	Lanauraie Pharma Inc. (Familiprix)	0	0	0	0	0
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0,0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	0	0	0,0	0	0
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	0	0	0	0	0
Sub-total			0	0	0	0	0
0	15-SADC Achigan-Montcalm	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	0	0	0	0	0
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	0	0	0,0	0	0
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	1	0	26,9	10,43	16,5
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	1	0	220,6	173,6	46,9
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	15	0	2 829,1	1413,6	1 415,5
Sub-total			17	0	3076,64	1597,63	1478,91

1	<i>New members recruited directly by Will</i>	Les Serres Lefort	0	0	0,0	0	0
2	<i>New members recruited directly by Will</i>	Metalliage	0	0	0,0	0	0
Sub-total			0	0	0	0	0
Total	17	4	37	0	35 653	1 599	34 054

27,6% of the total Net GHG Reduction for this Third Monitoring Report

Appendix D - 1

SCOPE 13 for the year 2015

Sustainable Community Quebec's project

Summation for the GHG emissions, baseline , projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2010 up to December 31, 2016.

Revised version of January 5th 2020

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	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Number of PAI, Scope 13	New PAI	GHG emissions in (tCO2e)		
					Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	0	0	0	0	0
2	01-SADC- Matapédia	Parc régional de Val D'Irène	0	0	0	0	0
Sub-total			0	0	0	0	0
0	02-SADC- Neigette	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	0	0	0	0	0
2	03-SADC- Basques	Fibres de verres Rioux	0	0	0	0	0
3	03-SADC- Basques	Fromagerie des Basques	0	0	0	0	0
4	03-SADC- Basques	Municipalité St-Jean de Dieu	0	0	0	0	0
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	0	0	0	0	0
6	03-SADC- Basques	Fromagerie le Détour	0	0	0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	0	0	0	0	0
8	03-SADC- Basques	MRC des Basques	0	0	0	0	0
Sub-total			0	0	0	0	0
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	0	0	0	0	0
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	0	0	0	0	0
Sub-total			0	0	0	0	0
1	05-SADC- Kamouraska	CDBQ Centre de Dév. Bioalimentaire du Québec	0	0	0	0	0
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	0	0	0	0	0
3	05-SADC- Kamouraska	Ville de la Pocatière	0	0	0	0	0
4	05-SADC- Kamouraska	MRC de Kamouraska	0	0	0	0	0
5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	0	0	0	0	0
6	05-SADC- Kamouraska	Ateliers mon choix	0	0	0	0	0

Sub-total			0	0	0	0	0
1	06-SADC- Lotbinière	Bois Plancher PG	0	0	0	0	0
2	06-SADC- Lotbinière	Miroir Laurier	0	0	0	0	0
3	06-SADC- Lotbinière	Bernard Breton	0	0	0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	0	0	0	0	0
5	06-SADC- Lotbinière	Québec MultiPlants	0	0	0	0	0
Sub-total			0	0	0	0	0
1	07-SADC- Haut-Saguenay	Clinique Montfort	0	0	0	0	0
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish	0	0	0	0	0
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	0	0	0	0	0
4	07-SADC- Haut-Saguenay	Pépinière Boucher	0	0	0	0	0
5	07-SADC- Haut-Saguenay	Récupère Sol	0	0	0	0	0
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	0	0	0	0	0
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	0	0	0	0	0
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	0	0	0	0	0
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	0	0	0	0	0
10	07-SADC- Haut-Saguenay	Grimard	0	0	0	0	0
11	07-SADC- Haut-Saguenay	Les Serres des jardins	0	0	0	0	0
12	07-SADC- Haut-Saguenay	Imago Village	0	0	0	0	0
Sub-total			0	0	0	0	0
1	08-SADC- Maskinongé	Auberge Sacacomie	0	0	0	0	0
2	08-SADC- Maskinongé	Ferme Tomchys	0	0	0	0	0
3	08-SADC- Maskinongé	Imprimerie Marquis	0	0	0	0	0
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	0	0	0	0	0
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	0	0	0	0	0
6	08-SADC- Maskinongé	Fédération UPA Mauricie	0	0	0	0	0
7	08-SADC- Maskinongé	Lauzon Bois énergétique	15	0	40133,7	0	40133,7
Sub-total			15	0	40133,7	0	40133,7
1	09 CAE Rive-Nord	Municipalité Prévost	0	0	0	0	0
2	09 CAE Rive-Nord	Compost Ste-Anne	0	0	0	0	0
3	09 CAE Rive-Nord	Cégep de St-Jérôme	0	0	0	0	0
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	0	0	0	0	0
5	09 CAE Rive-Nord	Mouluures Warnet	0	0	0	0	0

Sub-total			0	0	0	0	0
1	10- SADC Laurentides	Honda Ste-Agathe	0	0	0	0	0
2	10- SADC Laurentides	Groupe Crête	0	0	0	0	0
3	10- SADC Laurentides	Ville de St-Sauveur	0	0	0	0	0
4	10- SADC Laurentides	Commission Scolaire des Laurentides	0	0	0	0	0
Sub-total			0	0	0	0	0
1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	0	0	0	0	0
2	11-SADC- Antoine-Labelle	Pourvoirie fer à cheval	0	0	0	0	0
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	0	0	0	0	0
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	0	0	0	0	0
Sub-total			0	0	0	0	0
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	0	0	0	0	0
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	0	0	0	0	0
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	0	0	0	0	0
4	12-SADC- Abitibi Ouest	Pneus GBM	0	0	0	0	0
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	0	0	0	0	0
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	0	0	0	0	0
Sub-total			0	0	0	0	0
1	13-SADC de Papineau	Municipalité Papineauville	0	0	0	0	0
2	13-SADC de Papineau	Fabrique St-André-Avelin	0	0	0	0	0
3	13-SADC de Papineau	Municipalité Ange-Gardien	0	0	0	0	0
4	13-SADC de Papineau	Municipalité Plaisance	0	0	0	0	0
5	13-SADC de Papineau	CroquePommes	0	0	0	0	0
6	13-SADC de Papineau	Ferme Chapeau Melon	0	0	0	0	0
7	13-SADC de Papineau	Épursol	0	0	0	0	0
8	13-SADC de Papineau	Lauzon Bois énergétique	15	0	45907,7	0	45907,7
9	13-SADC de Papineau	Kenauk Nature	0	0	0	0	0
Sub-total			15	0	45907,7	0	45907,7
1	14-SADC- D'Autray-Joliette	Lanauraie Pharma Inc. (Familiprix)	0	0	0	0	0
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	0	0	0	0	0
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	0	0	0	0	0
Sub-total			0	0	0	0	0

0	15-SADC Achigan-Montcalm	n.a.	0	0	0	0	0
Sub-total			0	0	0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	0	0	0	0	0
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	0	0	0	0	0
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	2	0	3096,9	0	3096,9
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	2	0	376,1	0	376,1
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	0	0	0	0	0
Sub-total			4	0	3473	0	3473
1	<i>New members recruited directly by Will</i>	Les Serres Lefort	0	0	0	0	0
2	<i>New members recruited directly by Will</i>	Metalliage	0	0	0	0	0
Sub-total			0	0	0	0	0
Total	17	4	34	0	89 514	0	89 514

72,4% of the total Net GHG Reduction for this Third Monitoring Report

Appendix D- 1

SCOPE 3 and 13 for the year 2014

Sustainable Community Quebec's project

Summation for the GHG emissions, baseline , projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2010 up to December 31, 2016.

Revised version of January 5th 2020



			2014 GHG emissions in (tCO2e)		
	Group of members	MEMBRE COMMUNAUTÉ DURABLE	Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	0,0	0	0
2	01-SADC- Matapédia	Parc régional de Val D'Irène	0	0	0
Sub-total			0	0	0
0	02-SADC- Neigette	n.a.	0	0	0
Sub-total			0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	0	0	0
2	03-SADC- Basques	Fibres de verres Rioux	0	0	0
3	03-SADC- Basques	Fromagerie des Basques	0	0	0
4	03-SADC- Basques	Municipalité St-Jean de Dieu	0	0	0
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	0	0	0
6	03-SADC- Basques	Fromagerie le Détour	0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	0	0	0
8	03-SADC- Basques	MRC des Basques	0	0	0
Sub-total			0	0	0
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	0	0	0
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	0	0	0
Sub-total			0	0	0
1	05-SADC- Kamouraska	CDBQ Centre de Dév. Bioalimentaire du Québec	0	0	0
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	0	0	0
3	05-SADC- Kamouraska	Ville de la Pocatière	0	0	0
4	05-SADC- Kamouraska	MRC de Kamouraska	0	0	0
5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	0	0	0
6	05-SADC- Kamouraska	Ateliers mon choix	0	0	0

Sub-total			0	0	0
1	06-SADC- Lotbinière	Bois Plancher PG	0	0	0
2	06-SADC- Lotbinière	Miroir Laurier	0	0	0
3	06-SADC- Lotbinière	Bernard Breton	0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	0	0	0
5	06-SADC- Lotbinière	Québec MultiPlants	0	0	0
Sub-total			0	0	0
1	07-SADC- Haut-Saguenay	Clinique Montfort	0	0	0
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish	0	0	0
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	0	0	0
4	07-SADC- Haut-Saguenay	Pépinière Boucher	0	0	0
5	07-SADC- Haut-Saguenay	Récupère Sol	0	0	0
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	0	0	0
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	0	0	0
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	0	0	0
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	0	0	0
10	07-SADC- Haut-Saguenay	Grimard	0	0	0
11	07-SADC- Haut-Saguenay	Les Serres des jardins	0	0	0
12	07-SADC- Haut-Saguenay	Imago Village	0	0	0
Sub-total			0	0	0
1	08-SADC- Maskinongé	Auberge Sacacomie	0	0	0
2	08-SADC- Maskinongé	Ferme Tomchys	0	0	0
3	08-SADC- Maskinongé	Imprimerie Marquis	0	0	0
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	0	0	0
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	0	0	0
6	08-SADC- Maskinongé	Fédération UPA Mauricie	0	0	0
7	08-SADC- Maskinongé	Lauzon Bois énergétique	34 089,6	0	34 089,6
Sub-total			34089,6	0	34089,6
1	09 CAE Rive-Nord	Municipalité Prévost	0	0	0
2	09 CAE Rive-Nord	Compost Ste-Anne	0	0	0
3	09 CAE Rive-Nord	Cégep de St-Jérôme	0	0	0
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	0	0	0
5	09 CAE Rive-Nord	Mouleurs Warnet	0	0	0

Sub-total			0	0	0
1	10- SADC Laurentides	Honda Ste-Agathe	0	0	0
2	10- SADC Laurentides	Groupe Crête	0	0	0
3	10- SADC Laurentides	Ville de St-Sauveur	0	0	0
4	10- SADC Laurentides	Commission Scolaire des Laurentides	0	0	0
Sub-total			0	0	0
1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	0	0	0
2	11-SADC- Antoine-Labelle	Pouvoirie fer à cheval	0	0	0
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	0	0	0
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	0	0	0
Sub-total			0	0	0
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	0	0	0
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	0	0	0
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	0	0	0
4	12-SADC- Abitibi Ouest	Pneus GBM	0	0	0
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	0	0	0
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	0	0	0
Sub-total			0	0	0
1	13-SADC de Papineau	Municipalité Papineauville	0	0	0
2	13-SADC de Papineau	Fabrique St-André-Avelin	0	0	0
3	13-SADC de Papineau	Municipalité Ange-Gardien	0	0	0
4	13-SADC de Papineau	Municipalité Plaisance	0	0	0
5	13-SADC de Papineau	CroquePommes	0	0	0
6	13-SADC de Papineau	Ferme Chapeau Melon	0	0	0
7	13-SADC de Papineau	Épursol	0	0	0
8	13-SADC de Papineau	Lauzon Bois énergétique	70 958,1	0,8	70 957,3
9	13-SADC de Papineau	Kenauk Nature	0	0	0
Sub-total			70958,1	0,8	70957,3
1	14-SADC- D'Autray-Joliette	Lanauraie Pharma Inc. (Familiaprix)	0	0	0
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	0	0	0
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	0	0	0
Sub-total			0	0	0

0	15-SADC Achigan-Montcalm	n.a.	0	0	0
Sub-total			0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	0	0	0
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	0	0	0
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	1974,21	26,91	1947,3
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	596,7	173,6	423,1
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	3030,91	1539,03	1491,88
Sub-total			5601,82	1739,54	3862,28
1	<i>New members recruited directly by Will</i>	Les Serres Lefort	0	0	0
2	<i>New members recruited directly by Will</i>	Metalliage	0	0	0
Sub-total			0	0	0
Total	17	5	110 650	1 740	108 909

Appendix D- 1

SCOPE 3 and 13 for the year 2013

Sustainable Community Quebec's project

Summation for the GHG emissions, baseline , projects and reduction quantification

Fourth Monitoring Report (MR) period covered : January First 2010 up to December 31, 2016.

Revised version of January 5th, 2020



	Group of members	MEMBRE COMMUNAUTÉ DURABLE	2013 GHG emissions in (tCO2e)		
			Baseline emissions (tCO2e)	Project emissions (tCO2e)	Net GHG emission reductions (tCO2e)
1	01-SADC- Matapédia	Municipalité Causapscal	0,0	0	0
2	01-SADC- Matapédia	Parc régional de Val D'Irène	0,0	0	0
Sub-total			0	0	0
0	02-SADC- Neigette	n.a.	0	0	0
Sub-total			0	0	0
1	03-SADC- Basques	Comm. Scolaire du Fleuves et des Lacs	0	0	0
2	03-SADC- Basques	Fibres de verres Rioux	0	0	0
3	03-SADC- Basques	Fromagerie des Basques	0	0	0
4	03-SADC- Basques	Municipalité St-Jean de Dieu	0	0	0
5	03-SADC- Basques	Club encadrement tech. Acériculture Est	0	0	0
6	03-SADC- Basques	Fromagerie le Détour	0	0	0
7	03-SADC- Basques	La Fabrique de Notre-Dame du Lac	0	0	0
8	03-SADC- Basques	MRC des Basques	0	0	0
Sub-total			0	0	0
1	04-SADC- Rivière-du-loup	Agriscar Coop Agricole	0	0	0
2	04-SADC- Rivière-du-loup	Commission Scolaire Kamouraska-RDL	0	0	0
Sub-total			0	0	0
1	05-SADC- Kamouraska	CDBQ Centre de Dév. Bioalimentaire du Québec	0	0	0
2	05-SADC- Kamouraska	Collège Sainte-Anne-de-la-Pocatière	0	0	0
3	05-SADC- Kamouraska	Ville de la Pocatière	0	0	0
4	05-SADC- Kamouraska	MRC de Kamouraska	0	0	0
5	05-SADC- Kamouraska	Évêché Sainte-Anne-de-la-Pocatière	0	0	0
6	05-SADC- Kamouraska	Ateliers mon choix	0	0	0

Sub-total			0	0	0
1	06-SADC- Lotbinière	Bois Plancher PG	0	0	0
2	06-SADC- Lotbinière	Miroir Laurier	0	0	0
3	06-SADC- Lotbinière	Bernard Breton	0	0	0
4	06-SADC- Lotbinière	Bibby Ste-Croix et LaPerle	0	0	0
5	06-SADC- Lotbinière	Québec MultiPlants	0	0	0
Sub-total			0	0	0
1	07-SADC- Haut-Saguenay	Clinique Montfort	0	0	0
2	07-SADC- Haut-Saguenay	Pourvoirie Wapishish	0	0	0
3	07-SADC- Haut-Saguenay	Église Notre-Dame de Laterrière	0	0	0
4	07-SADC- Haut-Saguenay	Pépinère Boucher	0	0	0
5	07-SADC- Haut-Saguenay	Récupère Sol	0	0	0
6	07-SADC- Haut-Saguenay	Gazon Savard (M.O.)	0	0	0
7	07-SADC- Haut-Saguenay	Bizz Magasin d'alimentation	0	0	0
8	07-SADC- Haut-Saguenay	Produits Forestiers Petit Paris	0	0	0
9	07-SADC- Haut-Saguenay	UTM Terrassement St-Louis	0	0	0
10	07-SADC- Haut-Saguenay	Grimard	0	0	0
11	07-SADC- Haut-Saguenay	Les Serres des jardins	0	0	0
12	07-SADC- Haut-Saguenay	Imago Village	0	0	0
Sub-total			0	0	0
1	08-SADC- Maskinongé	Auberge Sacacomie	0	0	0
2	08-SADC- Maskinongé	Ferme Tomchys	0	0	0
3	08-SADC- Maskinongé	Imprimerie Marquis	0	0	0
4	08-SADC- Maskinongé	Bâtiments Leeds Desjardins	0	0	0
5	08-SADC- Maskinongé	Matériaux Spécialisés Louiseville	0	0	0
6	08-SADC- Maskinongé	Fédération UPA Mauricie	0	0	0
5	08-SADC- Maskinongé	Lauzon Bois énergétique	26 806,6	0	26 806,6
Sub-total			26806,6	0	26806,6
1	09 CAE Rive-Nord	Municipalité Prévost	0	0	0
2	09 CAE Rive-Nord	Compost Ste-Anne	0	0	0
3	09 CAE Rive-Nord	Cégep de St-Jérôme	0	0	0
4	09 CAE Rive-Nord	Centre de Tri Argenteuil	0	0	0
5	09 CAE Rive-Nord	Moulires Warnet	0	0	0

Sub-total			0	0	0
1	10- SADC Laurentides	Honda Ste-Agathe	0	0	0
2	10- SADC Laurentides	Groupe Crête	0	0	0
3	10- SADC Laurentides	Ville de St-Sauveur	0	0	0
4	10- SADC Laurentides	Commission Scolaire des Laurentides	0	0	0
Sub-total			0	0	0
1	11-SADC- Antoine-Labelle	Les Serres Frank Zyromski inc.	0	0	0
2	11-SADC- Antoine-Labelle	Pourvoirie fer à cheval	0	0	0
3	11-SADC- Antoine-Labelle	Régie inter-municipale La Lièvre	0	0	0
4	11-SADC- Antoine-Labelle	Régie Inter-municipale La Rouge	0	0	0
Sub-total			0	0	0
1	12-SADC- Abitibi Ouest	Fabrique Paroisse St-André Sarre	0	0	0
2	12-SADC- Abitibi Ouest	Résidence Andréa Inc.	0	0	0
3	12-SADC- Abitibi Ouest	Fromagerie La Vache à Maillotte	0	0	0
4	12-SADC- Abitibi Ouest	Pneus GBM	0	0	0
5	12-SADC- Abitibi Ouest	MRC Témiscamingue	0	0	0
6	12-SADC- Abitibi Ouest	Entreprises P.L.C. Senneterre	0	0	0
Sub-total			0	0	0
1	13-SADC de Papineau	Municipalité Papineauville	0	0	0
2	13-SADC de Papineau	Fabrique St-André-Avelin	0	0	0
3	13-SADC de Papineau	Municipalité Ange-Gardien	0	0	0
4	13-SADC de Papineau	Municipalité Plaisance	0	0	0
5	13-SADC de Papineau	CroquePommes	0	0	0
6	13-SADC de Papineau	Ferme Chapeau Melon	0	0	0
7	13-SADC de Papineau	Épursol	0	0	0
8	13-SADC de Papineau	Lauzon Bois énergétique	58364,1	0,5	58363,6
9	13-SADC de Papineau	Kenauk Nature	0	0	0
Sub-total			58364,1	0,5	58363,6
1	14-SADC- D'Autray-Joliette	Lanauraie Pharma Inc. (Familiprix)	0	0	0
2	14-SADC- D'Autray-Joliette	Les Émulsions Bourget	0	0	0
3	14-SADC- D'Autray-Joliette	Municipalité Saint-Norbert	0	0	0
4	14-SADC- D'Autray-Joliette	Ferme L.M. Drainville	0	0	0
Sub-total			0	0	0

0	15-SADC Achigan-Montcalm	n.a.	0	0	0
Sub-total			0	0	0
1	<i>First cohorte (MR- Feb. 2014)</i>	Boisaco	0	0	0
2	<i>First cohorte (MR- Feb. 2014)</i>	St-Gédéon de Beauce	0	0	0
3	<i>First cohorte (MR- Feb. 2014)</i>	Recyc PHP	0	0	0
4	<i>First cohorte (MR- Feb. 2014)</i>	780 Brewster	0	0	0
5	<i>First cohorte (MR- Feb. 2014)</i>	RPM Environnement	0	0	0
Sub-total			0	0	0
1	<i>New members recruited directly by Will</i>	Les Serres Lefort	0	0	0
2	<i>New members recruited directly by Will</i>	Metalliage	0	0	0
Sub-total			0	0	0
Total	17	2	85 171	1	85 170

85170,7

Appendix E: Data, parameters and monitoring plan

Each generic PAI (Table 3) and each new PAI associated to generic PAI are monitored specifically as described in this Appendix

Parameter:	<i>EF Thermal Energy_{CO2e}</i>
Data unit:	<i>Kg CO_{2e} per GJ</i>
Description:	<i>CO_{2e} emissions factor for local generation of thermal energy</i>
Source of data:	For the Territory of interest, the project proponent must identify the most appropriate CO _{2e} emission factor for the source of thermal energy used under the project scenario. Regional data (for example: US Department of Energy's Form EIA-1605 Appendix N. Emission factors for Steam and Chilled/Hot Water) shall be used. In its absence, IPCC defaults must be used from the most recent version of IPCC Guidelines for National Greenhouse Gas Inventories providing they are deemed to reasonably represent local circumstances. The project proponent must choose the values in a conservative manner and justify the choice.
Value applied	All emission factors (EF) required and used to the calculation of this item are described for each generic project activity instance of this project. These EF are taking account of the CH ₄ , N ₂ O and CO ₂ emissions. All values applied and used for the calculations are described for each generic project activity instance in the Appendix C.
Justification of choice of data or description of measurement methods and procedures applied:	Thermal Energy generation characteristics are likely to remain relatively stable over a year's time.
Purpose of the data	The EF Thermal Energy are used for: <ul style="list-style-type: none"> • The Calculation of baseline emissions • The Calculation of project emissions
Comments	-

Parameter:	$EF_{Fuel_{iN2O}}$
Data unit:	$Kg_{N_2O} / Oper L, m^3, \text{ or other}$
Description:	N_2O emissions factor for combustion of each type of fuel ($EF_{Fuel_{iN2O}}$)
Source of data:	For both mobile and stationary fuel combustion for the Territory of interest, the project proponent must identify the most appropriate emission factors for the source of thermal energy used under the project condition. Regional data (for example: EPA's AP 42, Compilation of Air Pollutant Emission Factors) shall be used. In its absence, IPCC defaults must be used from the most recent version of IPCC Guidelines for National Greenhouse Gas Inventories providing they are deemed to reasonably represent local circumstances. The project proponent must choose the values in a conservative manner and justify the choice.
Value applied	All emission factors (EF) required and used to the calculation of this item are described for each generic project activity instance of this project. These EF are taking account of the CH_4 , N_2O and CO_2 emissions. All values applied and used for to the calculations are described for each generic project activity instance in the Appendix C.
Justification of choice of data or description of measurement methods and procedures applied:	This is one of the most comprehensive fuel emission factor databases available.
Purpose of the data	The EF_{Fuel} are used for: <ul style="list-style-type: none"> • The Calculation of baseline emissions • The Calculation of project emissions
Comments	-

Parameter:	<i>EF Fuel_{iCH4}</i>
Data unit:	<i>Kg CH₄ per L, m³, or other</i>
Description:	<i>CH₄ emissions factor for combustion of each type of fuel (EF Fuel_{iCH4})</i>
Source of data:	For both mobile and stationary fuel combustion for the Territory of interest, the project proponent must identify the most appropriate emission factors for the source of thermal energy used under the project scenario. Regional data (for example: EPA's AP 42, Compilation of Air Pollutant Emission Factors) shall be used. In its absence, IPCC defaults can be used from the most recent version of IPCC Guidelines for National Greenhouse Gas Inventories providing they are deemed to reasonably represent local circumstances. The project proponent must choose the values in a conservative manner and justify the choice.
Value applied	All emission factors (EF) required and used to the calculation of this item are described for each generic project activity instance of this project. These EF are taking account of the CH ₄ , N ₂ O and CO ₂ emissions. All values applied and used for to the calculations are described for each generic project activity instance in the Appendix C.
Justification of choice of data or description of measurement methods and procedures applied:	This is one of the most comprehensive fuel emission factor databases available.
Purpose of the data	The EF Fuel are used for: <ul style="list-style-type: none"> • The Calculation of baseline emissions • The Calculation of project emissions
Comments	-

Parameter:	<i>EF Fuel_{i CO2}</i>
Data unit:	<i>Kg CO₂ per L, m³, or other</i>
Description:	<i>CO₂ Emissions Factor for combustion of each type of fuel (EF Fuel_{i CO2})</i>
Source of data:	For both mobile and stationary fuel combustion for the Territory of interest, the project proponent must identify the most appropriate emission factors for the source of thermal energy used under the project scenario. Regional data (for example: EPA's AP 42, Compilation of Air Pollutant Emission Factors) shall be used. In its absence, IPCC defaults can be used from the most recent version of IPCC Guidelines for National Greenhouse Gas Inventories providing they are deemed to reasonably represent local circumstances. The project proponent must choose the values in a conservative manner and justify the choice.
Value applied	All emission factors (EF) required and used to the calculation of this item are described for each generic project activity instance of this project. These EF are taking account of the CH ₄ , N ₂ O and CO ₂ emissions. All values applied and used for to the calculations are described for each generic project activity instance in the Appendix C.
Justification of choice of data or description of measurement methods and procedures applied:	This is one of the most comprehensive fuel emission factor databases available.
Purpose of the data	The EF Fuel are used for: <ul style="list-style-type: none"> • The Calculation of baseline emissions • The Calculation of project emissions
Comments	-

Parameter:	OX
Data unit:	-
Description:	Oxidation factor (reflecting the amount of soil or other material covering the waste)
Source of data:	This factor is determined using the CDM's "Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site (Version 05.1.0)" (CDM, 2011).
Value applied	<p>All emission factors (EF) required and used to the calculation of this item are described for each generic project activity instance of this project. These EF are taking account of the CH₄, N₂O and CO₂ emissions.</p> <p>All values applied and used for to the calculations are described for each generic project activity instance in the Appendix C.</p>
Justification of choice of data or description of measurement methods and procedures applied:	The most used tool for calculation landfill gas emission reductions.
Purpose of the data	<p>The OX factor is used for:</p> <ul style="list-style-type: none"> • The Calculation of baseline emissions • The Calculation of project emissions
Comments	-

Parameter:	DOC_1
Data unit:	-
Description:	Fraction of degradable organic carbon (DOC) that can decompose
Source of data:	This factor is determined using the CDM's "Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site (Version 05.1.0)" (CDM, 2011).
Value applied	All emission factors (EF) required and used to the calculation of this item are described inside for each generic project activity instance of this project..These EF are taking account of the CH ₄ , N ₂ O and CO ₂ emissions. All values applied and used for to the calculations are described for each generic project activity instance in the Appendix C.
Justification of choice of data or description of measurement methods and procedures applied:	The most used tool for calculation landfill gas emission reductions.
Purpose of the data	The DOC factor is used for: <ul style="list-style-type: none"> • The Calculation of baseline emissions • The Calculation of project emissions
Comments	-

Parameter:	DOC_j
Data unit:	-
Description:	Fraction of degradable organic carbon (by weight)
Source of data:	This factor is determined using the CDM's "Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site (Version 05.1.0)" (CDM, 2011).
Justification of choice of data or description of measurement methods and procedures applied:	The most used tool for calculation landfill gas emission reductions.
Purpose of the data	The DOC factor is used for: <ul style="list-style-type: none"> • The Calculation of baseline emissions • The Calculation of project emissions
Comments	-

Parameter:	<i>MCF</i>
Data unit:	-
Description:	Methane correction factor
Source of data:	This factor is determined using the CDM's "Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site (Version 05.1.0)" (CDM, 2011).
Value applied	All emission factors (EF) required and used to the calculation of this item are described for each generic project activity instance of this project. . These EF are taking account of the CH ₄ , N ₂ O and CO ₂ emissions. All values applied and used for to the calculations are described for each generic project activity instance in the Appendix C.
Justification of choice of data or description of measurement methods and procedures applied:	The most used tool for calculation landfill gas emission reductions.
Purpose of the data	The MCF factor is used for: <ul style="list-style-type: none"> • The Calculation of baseline emissions • The Calculation of project emissions
Comments	-

Parameter:	k_j
Data unit:	-
Description:	Decay rate for the waste type j
Source of data:	IPCC 2006 Guidelines for National Greenhouse Gas Inventories (adapted from Volume 5, Table 3.3)
Value applied	All emission factors (EF) required and used to the calculation of this item are described for each generic project activity instance of this project. These EF are taking account of the CH ₄ , N ₂ O and CO ₂ emissions. All values applied and used for to the calculations are described for each generic project activity instance in the Appendix C.
Purpose of the data	The MCF factor is used for: <ul style="list-style-type: none"> • The Calculation of baseline emissions • The Calculation of project emissions
Comments	-

E.1 Data and Parameters Monitored

Here are the Data and Parameters monitored.

Data Unit / Parameter:	Volume or Quantity of Fuel,
Data unit:	L, m ³ , kg or MT
Description:	Volume or weight of each type of fuel combusted. This volume or weight of fuel is adjusted for both functional equivalence and units of productivity.
Source of data:	The volume of fuel is determined by supplier meters (which are regularly calibrated) and reported on bill of lading and invoices, consolidated monthly or at each tanking.
Description of measurement methods and procedures to be applied:	The Bill of Lading and the Invoice of each Fuel delivery is consolidated. End of period residual fuel volume evaluation could be estimated.
Frequency of monitoring/recording:	At each delivery, or a monthly basis, the volume or quantity of Fuel is measured and recorder. Evidences will be recorded on Bill of Lading and Invoices.
Value applied:	-
Monitoring equipment:	The monitoring equipment includes: <ul style="list-style-type: none"> • Flow meters installed on tanker. By law, such flow meters are to be calibrated regularly. • Supplier sealed flow meters installed at client facility, such gaz meter.

QA/QC procedures to be applied:	The SPSC system applies the following QC/QA procedures: <ul style="list-style-type: none"> • Data comparison with past performance • Data comparison with similar Project Unit • Data comparison with standard benchmark (Ashrae 90.1, Model National Energy Code for Building MNECB) • Data comparison with sector association. • Project Unit Investigation for root cause analysis of data profile if outside range • Project Unit Physical audit to validate the measurement devices conditions and collect related evidence.
Calculation method:	In case where fuels are tanked, end of period adjustment would be assessed with Client Facility internal gauge: the incertitude linked to this assessment is reduced by the number of time the tank is filled during the period. In case Project Unit is supplied by Client Facility tank, the portion is justified by evidences.
Any comment:	

Data Unit / Parameter:	Electricity
Data unit:	kWh
Description:	The amount of electricity consumed from the grid.
Source of data:	The amount of electricity consumed from the grid is determined by the supplier calibrated kWh meter.
Description of measurement methods and procedures to be applied:	The Bill of Lading and the Invoice of each Fuel delivery is consolidated. The amount of electricity consumed from the grid is

applied:	determined by the Hydro-Québec calibrated kWh meter
Frequency of monitoring/recording:	Monthly or bi monthly, with consumption statement. Evidences will be recorded on Invoices.
Value applied:	-
Monitoring equipment:	The monitoring equipment includes: <ul style="list-style-type: none"> • Electric meters installed at the entry of Client Facility/Project Unit electricity supply.. By law, such electric meters are sealed and are to be calibrated regularly.
QA/QC procedures to be applied:	The SPSC system applies the following QC/QA procedures: <ul style="list-style-type: none"> • Data comparison with past performance • Data comparison with similar Project Unit • Data comparison with standard benchmark (Ashrae 90.1, Model National Energy Code for Building MNECB,...) • Data comparison with sector association. • Project Unit Investigation for root cause analysis of data profile if outside range • Project Unit Physical audit to validate the measurement devices conditions and collect related evidence.
Calculation method:	If internal meters are required for the Isolation Parameter Measurement option, electrical consumption is determined by meters which are calibrated as per the manufacturer's schedule. Alternatively the energy consumed by the related electrical devices will be equal to nominal power of the devices over the time of operations.
Any comment:	

Data Unit / Parameter:	Quantity of waste
Data unit:	Kg or MT
Description:	Weight of waste which is diverted form landfill for being recycled, re-use.
Source of data:	The weight is determined by scale at recycling premises and/or at Project Unit. The weight is reported on the Bill of Lading for each shipment.
Description of measurement methods and procedures to be applied:	The weight of waste is reported on the Bill of Lading and the Invoice of each shipment.
Frequency of monitoring/recording:	At each shipment or a monthly basis. Evidences will be recorded on Invoices.
Value applied:	-
Monitoring equipment:	The monitoring equipment includes: <ul style="list-style-type: none"> • Weighting balance.
QA/QC procedures to be applied:	The SPSC system applies the following QC/QA procedures: <ul style="list-style-type: none"> • Data comparison with past performance • Data comparison with similar Project Unit • Data comparison with Data comparison with sector association. • Project Unit Investigation for root cause analysis of data profile if outside range

	<ul style="list-style-type: none"> Project Unit Physical audit to validate the measurement devices conditions and collect related evidence.
Calculation method:	Waste weight could be expressed in other than SI units, such ST, Lbs: conversion is made to have waste weight expressed in Kg or MT.
Any comment:	

All monitored data used to quantify the eligible GHG emissions reductions for each PAI in this monitoring report were supported by evidence, available to the VVB. A technical data sheet for each Clients facility participating to this monitoring report is available in the Appendix C. Each generic PAI (Table 3) and each new PAI associated to generic PAI are monitored specifically as follows in the herebelow tables:

E.2 Data and parameter description /PAI generic

Table 4 Data and Parameter PAI (generic) I Biomass Energy Project

Data and Parameters: Generic PAI I Biomass Energy Project

Generic PAI Reference Number				
Description of Generic PAI	Biomass Energy Project	Biomass Energy Project	Biomass Energy Project	Biomass Energy Project
3.1 Data/Parameter available at validation	EF Propane ($\Sigma \text{CO}_2/\text{CH}_4/\text{N}_2\text{O}$)	EF Butane ($\Sigma \text{CO}_2/\text{CH}_4/\text{N}_2\text{O}$)	EF Diesel ($\Sigma \text{CO}_2/\text{CH}_4/\text{N}_2\text{O}$)	EF Electricity ($\Sigma \text{CO}_2/\text{CH}_4/\text{N}_2\text{O}$)
a unit	t eCO ₂ /L	t eCO ₂ /L	t eCO ₂ /L	t eCO ₂ /kWh
b Description	Combined Emission Factor for Propane	Combined Emission Factor for Butane	Combined Emission Factor for Diesel	Emission Factor for Electricity
c Source of data	IPCC, Environment Canada, AEE	IPCC, Environment Canada, AEE	IPCC, Environment Canada, AEE	AEE
d Value applied	0,001544	0,001764	0,002789	0,000003
d Description of measurement	IPCC-UNFFCC / Env. Canada / AEE	Official Emission Factors Determination	Official Emission Factors Determination	Official Emission Factors Determination
e Purpose of data	Parameters for Baseline and Project Em.	Parameters for Baseline and Project Em.	Parameters for Project Emission	Parameters for Project Emission
3.2 Data/Parameter monitored				
a Data	Propane	Butane	Diesel	Electricity
Option A or Option B Measurement	Option A	Option A	Option A	Option A: nominal
Source/Sink identification	B7 and P7	B7 and P7	P7	P7
b Data Unit	L	L	L	kWh
c Description	Used in Dryer 1, 2 and 3	Used in Dryer 1, 2 and 3		
d Source of data	Meter from distributor	Meter from distributor	Meter from Boisaco Tank Station	Meter from HydroQuebec
e Description of measurement	Amount of Propane delivered	Amount of Butane delivered	Volume of Diesel tanked in the loader	Number of kWh used
f Frequency	At each delivery	At each delivery	At time of tanking	At each HQ billing period
g Value monitored	Liters	Liters	Liters	kWh
h Monitoring equipment	Fuel Distributor Meter	Fuel Distributor Meter	Fuel Distributor Meter	HQ Electricity Meter
i QA/QC procedures	Delivery in line with Tank nominal value	Delivery in line with Tank nominal value	Delivery in line with tank nominal value	Ex-ante comparison
j Purpose of data	Baseline scenario for drying PMP	Baseline scenario for drying PMP	Project scenario biomass moving	Project scenario for drying PMP
k Calculation method	Propane Volume consumed	Butane Volume consumed	Usage portion estimate	Nominal Aggregate Electrical Motor installed
l Comments	Project Units/PAI using similar technology may used different fossil combustibles. In such instance, Emission Factors will be defined accordingly.			

Table 5 Data and Parameter PAI II (generic) Methane Avoidance Emission
Data and Parameters: Generic PAI II Methane Avoidance Emission

	Generic PAI Reference Number	II
	Description of Generic PAI	Methane Emission Avoidance
3.1	Data/Parameter available at validation	EF DOC ₁ (Σ CO ₂ /CH ₄ /N ₂ O)
a	unit	t eCO ₂ /MT
b	Description	Combined Emission Factor for Fraction of Degradable organic Carbon (by weight)
c	Source of data	IPCC, Environment Canada, AEE
d	Value applied	0,0616
d	Description of measurement	IPCC-UNFFCC / Env. Canada / AEE
e	Purpose of data	Parameters for Baseline and Project Em.
3.2	Data/Parameter monitored	
a	Data	Volume of Biomass
	Option A or Option B Measurement	Option A
	Source/Sink identification	B7
b	Data Unit	t
c	Description	Used in Biomass Furnace
d	Source of data	Number of Loads
e	Description of measurement	Cumulative amount of biomass in the furnace
f	Frequency	At each load
g	Value monitored	Loader shovel
h	Monitoring equipment	Weighting bridge
i	QA/QC procedures	Monthly calibration of the loader
j	Purpose of data	Methane Emission Avoidance
k	Calculation method	Comparison from B7 and P7
		Project Units/PAI using similar technology may use different fossil combustibles. In such instance, Emission Factors will be defined accordingly.
	l Comments	

Table 6 Data and Parameter PAI (generic) III Torrefied Biomass Combustible is being implemented, but not yet operational: for information only

Data and Parameters: Generic PAI III Torrefied Biomass Combustible

Generic PAI Reference Number	III
Description of Generic PAI	Torrefied Biomass Combustible
3.1	EF DOC ₁ (Σ CO ₂ /CH ₄ /N ₂ O)
a Data/Parameter available at validation unit	t eCO ₂ /MT
b Description	Combined Emission Factor for Fraction of Degradable organic Carbon (by weight)
c Source of data	IPCC, Environment Canada, AEE
d Value applied	0,0616
d Description of measurement	IPCC-UNFFCC / Env. Canada / AEE
e Purpose of data	Parameters for Baseline and Project Em.
3.2	
a Data/Parameter monitored	
a Data	Volume of Biomass
Option A or Option B Measurement	Option A
Source/Sink identification	B7
b Data Unit	t
c Description	Used in Biomass Furnace
d Source of data	Number of Loads
e Description of measurement	Cumulative amount of biomass in the furnace
f Frequency	At each load
g Value monitored	Torrefied Biomass Combustible Volume
h Monitoring equipment	Weighting bridge
i QA/QC procedures	Monthly calibration of the loader
j Purpose of data	Methane Emission Avoidance
k Calculation method	Comparison from B7 and P7
l Comments	Project Units/PAI using similar technology may use different fossil combustibles. In such instance, Emission Factors will be defined accordingly.

Table 7 Data and Parameter PAI (generic) IV Saving energy on recycling activities
Data and Parameters: Generic PAI IV Saving Energy on Recycling Activities

Generic PAI Reference Number	IV	IV	IV	IV	IV	IV	IV
	Saving Energy on Recycling Activities		Saving Energy on Recycling Activities		Saving Energy on Recycling Activities		Saving Energy on Recycling Activities
	Saving Energy on Recycling Activities		Saving Energy on Recycling Activities		Saving Energy on Recycling Activities		Saving Energy on Recycling Activities
3.1 Data Parameter available at validation	EF HDPE (Σ CO ₂ /CH ₄ /N ₂)	EF PET (Σ CO ₂ /CH ₄ /N ₂)	EF PVC (Σ CO ₂ /CH ₄ /N ₂)	EF LDPE (Σ CO ₂ /CH ₄ /N ₂)	EF PP (Σ CO ₂ /CH ₄ /N ₂)	EF PS (Σ CO ₂ /CH ₄ /N ₂)	EF PC/ABS/MDPE (Σ CO ₂ /CH ₄ /N ₂)
a Unit	t eCO ₂ /1000 Lbs	t eCO ₂ /1000 Lbs	t eCO ₂ /1000 Lbs	t eCO ₂ /1000 Lbs	t eCO ₂ /1000 Lbs	t eCO ₂ /1000 Lbs	t eCO ₂ /1000 Lbs
b Description	Combined Emission Factor for HDPE	Combined Emission Factor for PET	Combined Emission Factor for PVC	Combined Emission Factor for LDPE	Combined Emission Factor for PP	Combined Emission Factor for PS	Combined Emission Factor for PC/ABS/MDPE
c Source of data	EPA	EPA	EPA	EPA	EPA	EPA	EPA
d Value applied	0.71	1.15	0.89	0.885	0.775	1.25	0.89
e Description of measurement	EPA Net Emission Factor	EPA Net Emission Factor	EPA Net Emission Factor	EPA Net Emission Factor	EPA Net Emission Factor	EPA Net Emission Factor	EPA Net Emission Factor
f Purpose of data	Parameters for Project Emission.	Parameters for Project Emission.	Parameters for Project Emission.	Parameters for Project Emission.	Parameters for Project Emission.	Parameters for Project Emission.	Parameters for Project Emission.
3.2 Data Parameter monitored							
a Data	HDPE	PET	PVC	LDPE	PP	PS	PC/ABS/MDPE
b Option A or Option B Measurement	Option A	Option A	Option A	Option A	Option A	Option A	Option A
c Source/Sink identification	P9	P9	P9	P9	P9	P9	P9
d Data Unit	t	t	t	t	t	t	t
e Description	Volume of recycled plastic	Volume of recycled plastic	Volume of recycled plastic	Volume of recycled plastic	Volume of recycled plastic	Volume of recycled plastic	Volume of recycled plastic
f Source of data	Weighting Balance or Bridge	Weighting Balance or Bridge	Weighting Balance or Bridge	Weighting Balance or Bridge	Weighting Balance or Bridge	Weighting Balance or Bridge	Weighting Balance or Bridge
g Description of measurement	Amount of HDPE delivered	Amount of PET delivered	Amount of PVC delivered	Amount of LDPE delivered	Amount of PP delivered	Amount of PS delivered	Amount of PC/ABS/MDPE delivered
h Frequency	At each delivery	At each delivery	At each delivery	At each delivery	At each delivery	At each delivery	At each delivery
i Value monitored	t	t	t	t	t	t	t
j Monitoring equipment	Calibrated weighing devices	Calibrated weighing devices	Calibrated weighing devices	Calibrated weighing devices	Calibrated weighing devices	Calibrated weighing devices	Calibrated weighing devices
k QA/QC procedures	Double check: seller and buyer weight	Double check: seller and buyer weight	Double check: seller and buyer weight	Double check: seller and buyer weight	Double check: seller and buyer weight	Double check: seller and buyer weight	Double check: seller and buyer weight
l Purpose of data	Emission avoided with recycled plastic	Emission avoided with recycled plastic	Emission avoided with recycled plastic	Emission avoided with recycled plastic	Emission avoided with recycled plastic	Emission avoided with recycled plastic	Emission avoided with recycled plastic
m Calculation method	HDPE Volume delivered	PET Volume delivered	PVC Volume delivered	LDPE Volume delivered	PP Volume delivered	PS Volume delivered	PC/ABS/MDPE Volume delivered
n Comments	Project Units/PAI using similar technology may used different fossil combustibles. In such instance, Emission Factors will be defined accordingly.						

Table 8 Data and Parameter PAI (generic) V Heat Recovery
Data and Parameters: Generic PAI V Heat Recovery

Generic PAI Reference Number		V	V
Description of Generic PAI		Heat Recovery	Heat Recovery
3.1	Data/Parameter available at validation	EF Propane (Σ CO ₂ /CH ₄ /N ₂ O) t eCO ₂ /L	EF Electricity (Σ CO ₂ /CH ₄ /N ₂ O) t eCO ₂ /kWh
a	unit		
b	Description	Combined Emission Factor for Propane	Emission Factor for Electricity
c	Source of data	IPCC, Environment Canada, AEE	AEE
d	Value applied	0,001544	0,000003
e	Description of measurement	IPCC-UNFFCC / Env. Canada / AEE	Official Emission Factors Determination
e	Purpose of data	Parameters for Baseline and Project Em.	Parameters for Project Emission
3.2	Data/Parameter monitored		
a	Data	Propane	Electricity
	Option A or Option B Measurement	Option A	Option A: nominal
	Source/Sink identification	B7 and P7	P7
b	Data Unit	L	kWh
c	Description	Used for Heating buildings	Used for Heating buildings
d	Source of data	Meter from distributor	Meter from HydroQuebec
e	Description of measurement	Amount of Propane delivered	Number of kWh used
f	Frequency	At each delivery	At each HQ billing period
g	Value monitored	Liters	kWh
h	Monitoring equipment	Fuel Distributor Meter	HQ Electricity Meter
i	QA/QC procedures	Delivery in line with Tank nominal value	Ex-ante comparison
j	Purpose of data	Baseline scenario for heating Building	Baseline scenario for heating Building
k	Calculation method	Propane Volume consumed	Installed Nominal Electrical Equipment
l	Comments	Project Units/PAI using similar technology may use different fossil combustibles. In such instance, Emission Factors will be defined accordingly.	

Table 9 Data and Parameter PAI (generic) VII Energy Efficiency Demand Side
Data and Parameters: Generic PAI VII Energy Efficiency Demand Side

Generic PAI Reference Number		VII	VII
Description of Generic PAI		Saving Energy on Recycling Activities	Saving Energy on Recycling Activities
3.1	Data/Parameter available at validation	EF Oil N°6 (Σ CO ₂ /CH ₄ /N ₂ O)	EF Electricity (Σ CO ₂ /CH ₄ /N ₂ O)
a	unit	t eCO ₂ /L	t eCO ₂ /kWh
b	Description	Combined Emission Factor for Oil N°6	Emission Factor for Electricity
c	Source of data	IPCC, Environment Canada, AEE	AEE
d	Value applied	0,001544	0,000003
d	Description of measurement	IPCC-UNFFCC / Env. Canada / AEE	Official Emission Factors Determination
e	Purpose of data	Parameters for Baseline and Project Em.	Parameters for Project Emission
3.2	Data/Parameter monitored		
a	Data	Oil N°6	Electricity
	Option A or Option B Measurement	Option A	Option A: nominal
	Source/Sink identification	B7	P7
b	Data Unit	L	kWh
c	Description	Used in Furnace to heat building	Used to heat building
d	Source of data	Meter from distributor	Meter from HydroQuebec
e	Description of measurement	Amount of Oil N°6 delivered	Number of kWh used
f	Frequency	At each delivery	At each HQ billing period
g	Value monitored	Liters	kWh
h	Monitoring equipment	Fuel Distributor Meter	HQ Electricity Meter
i	QA/QC procedures	Delivery in line with Tank nominal value	Ex-Ante Comparison Baseline/Project scenario for lighting and heating building
j	Purpose of data	Baseline scenario for heating building	heating building
k	Calculation method	Oil N°6 Volume consumed	Nominal Electrical Heater installed
l	Comments	Project Units/PAI using similar technology may used different fossil combustibles. In such instance, Emission Factors will be defined accordingly.	

Table 10 Data and Parameter PAI (generic) VIII Fuel Switching
Data and Parameters: Generic PAI VIII Fuel Switching

	Generic PAI Reference Number	VIII	VIII	VIII
	Description of Generic PAI	Fuel Switching	Fuel Switching	Fuel Switching
3.1	Data/Parameter available at validation	EF Propane ($\Sigma \text{CO}_2/\text{CH}_4/\text{N}_2\text{O}$)	EF Oil N° 2 ($\Sigma \text{CO}_2/\text{CH}_4/\text{N}_2\text{O}$)	EF Electricity ($\Sigma \text{CO}_2/\text{CH}_4/\text{N}_2\text{O}$)
a	unit	t eCO ₂ /L	t eCO ₂ /L	t eCO ₂ /kWh
b	Description	Combined Emission Factor for Propane	Combined Emission Factor for Oil N° 2	Emission Factor for Electricity
c	Source of data	IPCC, Environment Canada, AEE	IPCC, Environment Canada, AEE	AEE
d	Value applied	0,001544	0,002734	0,000003
d	Description of measurement	IPCC-UNFFCC / Env. Canada / AEE	IPCC-UNFFCC / Env. Canada / AEE	Official Emission Factors Determination
e	Purpose of data	Parameters for Baseline and Project Em.	Parameters for Baseline and Project Em.	Parameters for Project Emission
3.2	Data/Parameter monitored			
a	Data	Propane	Oil N°2	Electricity
	Option A or Option B Measurement	Option A	Option A	Option B
	Source/Sink identification	B7 and P7	B7 and P7	B7 and P7
b	Data Unit	L	L	kWh
c	Description	Used in Dryer 1, 2 and 3	Used in Furnace to heat building	
d	Source of data	Meter from distributor	Meter from distributor	Meter from HydroQuebec
e	Description of measurement	Amount of Propane delivered	Amount of Oil N°2 delivered	Number of kWh used
f	Frequency	At each delivery	At each delivery	At each HQ billing period
g	Value monitored	Liters	Liters	kWh
h	Monitoring equipment	Fuel Distributor Meter	Fuel Distributor Meter	HQ Electricity Meter
i	QA/QC procedures	Delivery in line with Tank nominal value	Delivery in line with Tank nominal value	Ex-Ante Comparison
j	Purpose of data	Baseline/Project scenario for heating building	Baseline/Project scenario for heating building	Baseline/Project scenario for heating building
k	Calculation method	Propane Volume consumed	Oil N°2 Volume consumed	Nominal Electrical Lighting and Equipment
l	Comments	Project Units/PAI using similar technology may use different fossil combustibles. In such instance, Emission Factors will be defined accordingly.		

Table 11 Data and Parameter PAI (generic) IX Energy conservation
Data and Parameters: Generic PAI IX Energy Conservation

	Generic PAI Reference Number	IX
	Description of Generic PAI	Energy Conservation
3.1	Data/Parameter available at validation	EF Oil N° 2 (Σ CO ₂ /CH ₄ /N ₂ O)
a	unit	t eCO ₂ /L
b	Description	Combined Emission Factor for Oil N° 2
c	Source of data	IPCC, Environment Canada, AEE
d	Value applied	0,000822
e	Description of measurement	IPCC-UNFFCC / Env. Canada / AEE
e	Purpose of data	Parameters for Baseline and Project Em.
3.2	Data/Parameter monitored	
a	Data	Oil N°2
	Option A or Option B Measurement	Option A
	Source/Sink identification	P7
b	Data Unit	L
c	Description	Avoided emissions from Oil N° 2 extraction
d	Source of data	Volume of Oil N° 2 recovered
e	Description of measurement	Amount of Oil N°2 delivered
f	Frequency	At each delivery
g	Value monitored	Liters
h	Monitoring equipment	Volume determined by drums
i	QA/QC procedures	Delivery in line with Tank nominal value
j	Purpose of data	Avoided emissions from Oil N° 2 extraction
k	Calculation method	Oil N°2 Volume recovered
l	Comments	Project Units/PAI using similar technology may used different fossil combustibles. In such instance, Emission Factors will be defined accordingly.

Table 12 Data and Parameter PAI (generic) X Energy Efficiency Demand side: New buildings conservation
Data and Parameters: Generic PAI X Energy Efficiency Demand Side: New Buildings

	Generic PAI Reference Number	X	X	X
	Description of Generic PAI	Energy Efficiency Demand Side: new buildings	Energy Efficiency Demand Side: new buildings	Energy Efficiency Demand Side: new buildings
3.1	Data/Parameter available at validation	EF Gaz Nat (Σ CO ₂ /CH ₄ /N ₂ O)	EF Oil N° 2 (Σ CO ₂ /CH ₄ /N ₂ O)	EF Electricity (Σ CO ₂ /CH ₄ /N ₂ O)
a	unit	t eCO ₂ /M ³	t eCO ₂ /L	t eCO ₂ /kWh
b	Description	Combined Emission Factor for Gaz Nat	Combined Emission Factor for Oil N° 2	Emission Factor for Electricity
c	Source of data	IPCC, Environment Canada, AEE	IPCC, Environment Canada, AEE	AEE
d	Value applied	0,001902	0,002734	0,000003
d	Description of measurement	IPCC-UNFFCC / Env. Canada / AEE	IPCC-UNFFCC / Env. Canada / AEE	Official Emission Factors Determination
e	Purpose of data	Parameters for Baseline and Project Em.	Parameters for Baseline and Project Em.	Parameters for Project Emission
3.2	Data/Parameter monitored			
a	Data	Gaz Nat	Oil N°2	Electricity
	Option A or Option B Measurement	Option A	Option A	Option A: nominal
	Source/Sink identification	P7	B7	B7 and P7
b	Data Unit	M ³	L	kWh
c	Description	Used in Furnace to heat building	Used in Furnace to heat building	Used to light and heat building
d	Source of data	Meter from Gaz Metro	Meter from distributor	Meter from HydroQuebec
e	Description of measurement	Number of M ³ used	Amount of Oil N°2 delivered	Number of kWh used
f	Frequency	At each Gaz Metro billing period	At each delivery	At each HQ billing period
g	Value monitored	M ³	Liters	kWh
h	Monitoring equipment	Gaz Metro Meter	Fuel Distributor Meter	HQ Electricity Meter
i	QA/QC procedures	Ex-Ante	Delivery in line with Tank nominal value	Ex-Ante
j	Purpose of data	Project scenario for heating the building	Baseline scenario for heating building	Baseline/Project scenario for lighting and heating
k	Calculation method	Gaz Nat Volume consumed	Oil N°2 Volume consumed	Nominal Aggregate Electrical Motor installed
l	Comments	Used different fossil combustibles. In such instance, Emission Factors will be defined accordingly.		

E.3 Monitoring Plan

The monitoring plan will be applied to all Project Units as follow:

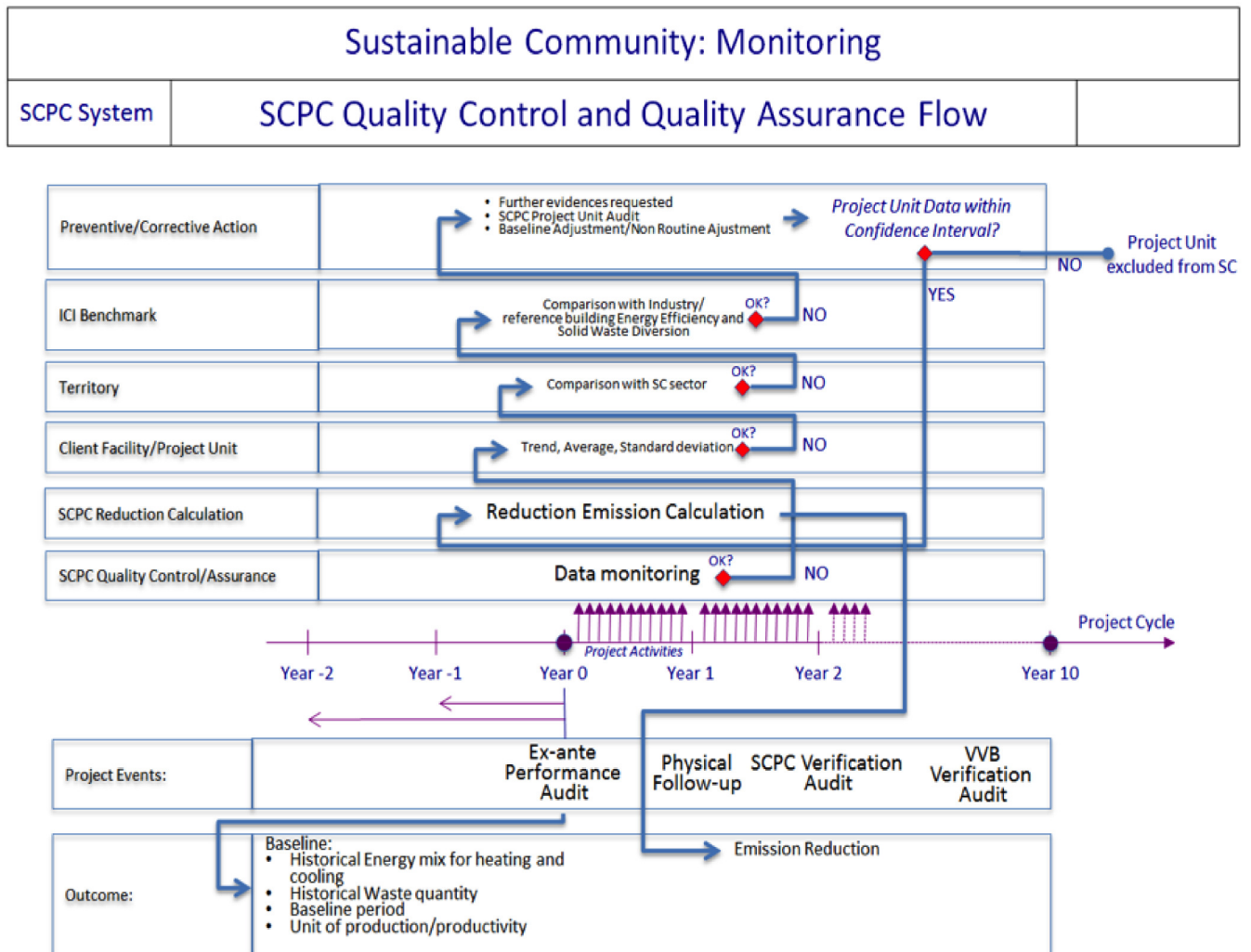
Sustainable Community: monitoring				Project			
Category	Activity	Measure Option	Baseline		Frequency	Incertitude	Adjustment
			Adjustment	Parameter			
Fuel switching	Biomass boiler	Option B	Mass of processed biomass	loader bucket	consolidation every week	estimate of the average mass in the bucket	Process Yield
Energy Efficiency	Heat Recovery: process	Option A	Volume of fuel	Volume/Quantity on invoice*	continuous	negligible as measure devices calibrated	none
	Heat Recovery: process	Option B	T* and Debit (Enthalpy)	Thermometer Debitmeter	continuous	negligible as measure devices calibrated	none
	Heat Recovery: process	Option A	Volume of fuel	Volume/Quantity on invoice* when tanking	transaction based	Residual inventory at the end of the period	materiality, decrease with tank filling turnover, compensate on the next period
	Energy Efficiency: building heating	Option A	Volume of fuel	Volume/Quantity on invoice*	continuous	negligible as measure devices calibrated	Commercial building: unit of productivity
	Energy Efficiency: building HVAC	Option A/Option B	Volume of fuel/energy	Volume/Quantity on invoice*	continuous	negligible as measure devices calibrated	Commercial building: unit of productivity
	Energy Efficiency: envelope enhancement	Option A	Volume of fuel/energy	Volume/Quantity on invoice*	continuous	negligible as measure devices calibrated	Commercial building: unit of productivity
	Energy Efficiency: envelope enhancement	Option B	Volume of fuel	Volume/Quantity on invoice* when tanking	transaction based	Residual inventory at the end of the period	materiality, decrease with tank filling turnover, compensate on the next period
Waste	Energy Efficiency: building lighting	Option A	Nominal Wattage	Manufacturer technical data	at the time installation	negligible as measure devices calibrated	none
	Waste diversion	Option B	Waste mass/volume	mass: balance volume: container	transaction based	weight calculation from volume	materiality as company charged on container
	Waste reduction: substitution of single wood palletes by reusable carboard pallette	Option B	Number of palletes and reusage	Number of travel written on pallette/Bill of Lading	Monthly consolidation	wood pallette end of life at point of destination	Max: energy substitution if burn

*Energy suppliers have to have their debitmeters regusrlay calibrated: th invoice is then based on the calibrated debitmeter reading

In addition a Quality Control of the data will be performed as follows:

- At the time of registration the project unit: a physical audit of the Project Unit premises takes place, and physical evidence necessary to determine the baseline scenario will be collected;
- At each entry in the SCPC system, controls will be run to compare entry to historical data, sectorial SCPC benchmark and to external benchmark;
- Investigation may be necessary to get physical evidences of the data entered into the SCPC system;
- Impact of a possibly recurrent issue will be looked at for all the concerned Project Units;
- For each baseline period, a random sample of Project Units will be audited during the course of the project. The sample size will be the square root of the Project Units participating to the SCPC system. Evidence of the audit are kept: discrepancies will be analyzed as well as potential impact on related Project Units;

The figure below provides the SCPC validation/verification data workflow:



In terms of organization, there are six levels that potential problems can be escalated, with different level of responsibility of the organization. Should the system require, a recourse/appeal will be set in place.