



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



Executive Summary

Project proponent: **Will Solutions Inc.**

www.solutionswill.com

VCS pipeline project number **VCS-PD-929**

July 11th 2013

Validated by **SGS**, through its climate change office in London, UK

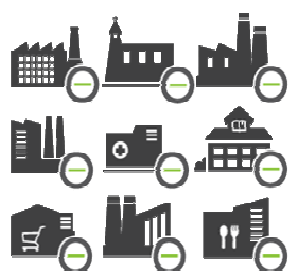
Executive Summary

The Energy Efficiency and Solid Waste Diversion Activities within the Quebec Sustainable Community project document was prepared by Will Solutions Inc. (formerly Gedden) to allow Will Solutions as the project proponent (Sustainable Community Service Promoter (SCSP)), to quantify and originate reductions in GHG emissions 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 having $\leq 25\,000\text{ tCO}_2\text{e}$ of GHG emission /year/facility) in the industrial, commercial or institutional (ICI) sectors and grouped together inside a "Sustainable Community" or "cluster".

This project has been designed to be simple, yet rigorous in applying, measuring, and monitoring. Even though the activities of small final emitters (SFE) vary, energy consumption and waste disposal are similar across many businesses and organizations. The main Project objectives are:

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

Will's Sustainable Community Solution



GHG's Small Final Emitters



Will and
its collaborators



Carbon Credits Buyers
and Sponsors



- 1 **Project proponent:** Will Solutions Inc. is the only project proponent of the project and acts as the promoter of this first carbon cluster, «a first of its kind community carbon project» dedicated to GHG Small Final Emitters (SFE).
- 2 **Quantification/verification GHG Methodology:** This project is based on VM0018 which is registered under VCS <http://www.v-c-s.org/> . The designer of this methodology is Will solutions Inc. <http://www.v-c-s.org/methodologies/VM0018> .
- 3 **Concept:** As the methodology designer, Will has summarized the concept in a Manifesto which has been on line since fall 2011. http://www.gedden.com/uploadedfiles/Manifesto%20-%20final%20-%20EN_May2012.pdf . The main aspects of the Manifesto are:
 - a) An umbrella project in a cluster, regrouping thousands of SFE, stimulating their internal and community efforts and converting them into reductions in GHG emissions.
 - b) A grassroots community up to 10 000 facilities in the Industrial, Commercial and Institutional (ICI) sectors acting together.
 - c) Common action: behavioral change and the use of clean technologies in Energy efficiency and methane avoidance. Acting on Energy (*Sectoral Scope 3; Energy demand*) and Resources (*Sectoral scope 13; Waste handling & disposal*) efficiency and conservation, two major roots of sustainability.
- 4 **VVB validation process:** The validation of the Project Document's (PD) project base was done by SGS through its climate change office in London <http://www.sgs.co.uk/> .
- 5 **VCU Register;** the project and the VCU's are registered at APX, based in New York (USA) <http://www.apx.com/>
- 6 **Period:** 10 years starting January 1st 2010 up to December 31th 2019; renewable 10 years.
- 7 **Estimated net reductions in GHG emissions:** An estimated volume of 22 852 000 tCO₂e in reductions of GHG emissions for the period 2010-2019 (December 31th 2019)
- 8 **Business model;** the business model (*patents pending*) offered by the project proponent to the 10 000 facilities, which will become active members of the Community, is described below. Based on a 10 year commitment; no disbursement required by the facilities for yearly service and support executed by Will; sharing the net VCU sales 50%-50%.



Table: summary of the main components of the PD

	Item	Description	Comments
1	Applicability	Energy Efficiency project activity instance (PAI) as included in Sectoral scope 3 Methane avoidance project activity instance (PAI) as included in Sectoral scope 3	Validated by the VVB
2	Project Boundary	A community grassroots concept. The Province of Quebec (state) as a cluster;	Validated by the VVB
3	Baseline scenario	Only Small Final Emitters SFE are eligible, with emissions $\leq 25\,000$ tCO ₂ e/year/facility. Baseline associated to <i>Business as Usual</i> (BAU)	Validated by the VVB Governmental support and endorsement.
4 a	Demonstration of Additionality at the project proponent level	Analysis of technical barriers, common practices, financials (IRR) and other aspects under additionality; tool developed by CDM <i>«Methodological tool. Combined tool to identify the baseline scenario and demonstrate additionality. Version 05.0.0».</i>	Validate by the VVB <i>Project's umbrella was demonstrated as additional. It is also «A first of its kind»</i>
4 b	Demonstration of Additionality at project activity instance (PAI) level	Analysis of generic PAI; which involves the technical barriers, common practice, the financial (IRR) and other aspects under additionality tool developed by CDM <i>«Methodological tool. Combined tool to identify the baseline scenario and demonstrate additionality. Version 05.0.0».</i>	Validate by the VVB <i>The generic PAI was demonstrated to be additional</i>
5	Estimation of total net reductions in GHG emissions	The project proponent estimated total net reductions in GHG emissions at a yearly average of 50% of the total GHG emission baseline for the entire SC project.	Validated by the VVB
6	Monitoring	The project proponent has a QA/QC internal monitoring plan. Yearly verification is based on a sampling of facilities to be audited.	Validated by the VVB
6a	ICT Platform	The project proponent owns and operates an ICT platform on which it has all the rights and intellectual property. The platform is operated in the cloud mode and is a form of SaaS; <i>Solution as a Software.</i>	Validated by the VVB
7	Project impacts	<i>At project proponent level and project activities instances (PAI), Environmental Impact assessments are not required.</i>	Validated by the VVB

Motivated by their corporate social responsibility (CSR), several local and international end buyers have already shown interest for these titles. They have recognized the social value of the project since it associates thousands of small conscious efforts made by thousands of enterprises.

Declaration

The participation between ICI facilities and Will Solutions Inc. is in accordance with ISO-14064 and VCS VM0018 for the identification, quantification and verification of the total net reductions in GHG emissions. The information provided in the PD is true and correct and was validated by a recognized VCS Validator/Verificator Body (VVB).

July 11th, 2013



Signature of Will's CEO

Martin Clermont, Eng. M.Sc.Env., B.Tech. Mec.

CEO of Will Solutions Inc. (formerly Gedden)

**Table: List of documentation (Appendix) beside the PD,
what is available to the public**

Appendix	Tittle and contents	Confidential or public
1	Description of the territory covered by the project, geographical, economy, government, ICI structure, etc.	Public
2	Sample contract between the SCSP and the facility.	Confidential
3	Demonstration of the SCSP presence and GHG reductions associated with the Quebec market.	Public
4	Legal framework analysis retaled to the project.	Public
5	Project proponent's operating manual.	Confidential
6	List of the CO ₂ e emission factors used for this PD.	Public
7	SGS's certificat of quality.	Public
8	Quebec GHG emissions inventory per sector (2008).	Public
9	The generic project activities instances (PAI) detailed analysis.	Confidential
10	Polygon of the territory covered by the PD.	Public
11	Environmental Impact Assessment (EIA) regulations and letter of support from the Quebec government.	Confidential
12	Evidence of the project proponent's starting date and the net reductions of GHG emissions estimated by the project proponent.	Confidential