



2024 Catalog of Sustainable Community microprojects



What is the Will Solutions (WILL) Sustainable Community?

First and foremost, it's a group of small and medium-sized businesses from various sectors, non-profit organizations and municipalities in Quebec and Ontario, whose innovative ecological projects to reduce greenhouse gases (GHGs) are audited and brought together under a single banner, WILL's "Sustainable Community" project.

This grouping facilitates, enhances and accelerates the decarbonization of members through the qualification, quantification and monetization of their carbon reduction micro-projects.

All Sustainable Community (SC) carbon credits are finally validated under the Verra program, the world's largest voluntary GHG program, under scopes 3 (energy demand reduction) and 13 (waste management).

Solar Impulse Recognition

Since July 2020, the Sustainable Community has held the Solar Impulse label, recognizing this innovative, economically viable solution with a positive impact on the environment and society. Our certification was successfully renewed in October 2023 for a further 3 years.



Sustainable Development Goals (SDGs)

WILL plays an active part in a green economy by embodying, through its SC solution, several of the United Nations' 17 Sustainable Development Goals (SDGs).



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A Few Key Figures



+160

members participating in the Sustainable Community group project (as of March 31, 2024).



+2 500

ecological GHG reduction microprojects developed and maintained.



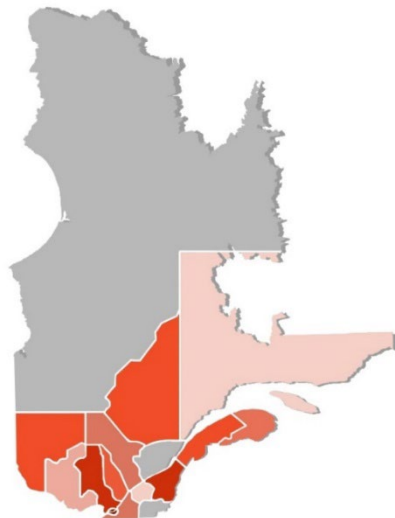
+2M \$CA

of carbon revenues returned to participating members (for the year 2023).



+3 000

buildings and infrastructures involved in 13 regions of Quebec.



13

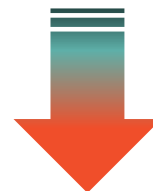
Different economic sectors represented in the Sustainable Community.

- Manufacturing
- Agriculture, forestry, fishing and hunting
- Public administration
- Other services (except public administration)
- Administrative services, support services, waste management services and remediation services
- Education
- Accommodation and food services
- Retail
- Construction
- Professional, scientific and technical services
- Health care and social assistance
- Wholesale
- Finance and insurance



+70%

reductions generated by methane avoidance projects.



+9,5M

tonnes of greenhouse gases (GHG) reduced, qualified and quantified since 2010.

4

MULTIPLANTS

ENRACINÉ DEPUIS 1946

MULTIPLANTS

Location: St Apollinaire, QC

Organization Type: SME

Sector: Greenhouse Agriculture



Type of Microprojects: Energy Efficiency 

Multiplants is a nursery specializing in horticulture. In business since 1946, the SME produces and sells trees, shrubs, conifers, roses and perennials on more than 50 hectares.

Concerned about the environment, the company has set up numerous initiatives, such as an extensive recycling and water management program. The company has also implemented two major energy efficiency measures:

- Optimization and reduction of No. 2 fuel oil consumption for greenhouse production.
- Optimization and reduction of fuel consumption by mobile equipment

Focus on a key result

36 buildings and infrastructures registered!



"I've been working at Multiplants for 25 years and I'm proud to be part of our efforts to optimize our production."

Mario Diaz Contreras, Production Supervisor.



One of the Multiplants greenhouses, where the company grows flowers and plants locally.



In Canada, energy efficiency in buildings is essential due to the large seasonal temperature variations. Energy efficiency reduces our demand for energy and therefore the emissions linked to our energy consumption.



PRODUITS FORESTIERS PETIT PARIS

Location: Saint-Ludger-de-Milot, QC

Organization Type: SME

Sector: Forestry 

Type of Microprojects: Waste Management and Energy Conversion  

Produits Forestiers Petit Paris is an integrated lumber sawing, drying and planing complex producing around 110 million BFM (Board Foot Measure) annually.

The company stands out for its responsible management of forest resources, notably through the initiation and maintenance of the following projects:

- Detour of bark and biomass residues from landfill.
- Paper and cardboard recovery
- Conversion of No. 2 oil-dryer kettle to biomass.

Focus on a key result

871,000 tonnes of GHGs reduced since 2010!



"Beyond the financial benefits, Will's Sustainable Community improves our corporate image because it allows us to quantify and report on our carbon performance." David Boivin, HR/SSE Manager at Produits Forestiers Petit Paris.



Infrastructures de Produits Forestiers Petit Paris and the detour of residues from landfill.

Sustainable forest management is essential to sustainable development. It has simultaneous beneficial effects on the protection of ecosystems, biodiversity, resources, and the reduction of GHG emissions at source.

PG Flooring

Location: Saint-Édouard-de-Lotbinière, QC

Organization Type: SME

Sector: Manufacturer / Wood processing



Type of Microprojects: Energy Conversion and Energy Efficiency



PG Flooring is a world-class company that manufactures hardwood flooring with care, style and conscience for international distribution. The company has over 5000 products in its range. The company has carried out several innovative projects as part of the Sustainable Community:

- Energy conversion from natural gas to biomass
- Heat recovery from plant dust collectors to heat buildings in winter.
- Upgrading of scrap materials transformed into shavings by using them for heating (detour from landfill).
- Replacement of gasoline-powered forklifts with electric ones.

Focus on a key result

More than 100,000 tonnes of GHGs reduced since 2010 on 11 registered buildings and infrastructures!



"What's really appreciated about Will's Sustainable Community is the ease of access." Mélissa Desrochers, Executive Assistant at PG Flooring.



One of the new electric forklifts in the company's warehouse, reducing GHG emissions associated with logistics and inventory management.

When it comes to creating manufacturing products, wood has the ecological advantage of storing carbon and thus preventing its emission into the atmosphere over the product's entire lifespan.



GEN V

Location: St-Clothilde, QC

Organization Type: Large Company

Sector: Greenhouse Agriculture 

Type of Microprojects: Waste Management and Energy Conversion  

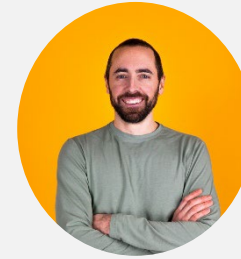
Gen V inc. is a family business that has been in operation for over 36 years. It produces leafy vegetables in greenhouses, such as organic cucumbers, tomatoes and peppers.

The company has developed 2 types of GHG reduction projects to decarbonize its activities:

- Energy conversion projects (76 microprojects): energy conversion of the greenhouse heating system from propane to biomass (for 76 greenhouses).
- Waste management projects (12 microprojects): detour of biomass residues from landfill for greenhouse heating.

Focus on a key result

More than 200,000 tonnes of GHGs reduced in 2018!



"In our view, business growth should not come at the expense of the environment." Jonathan Drolet,
Project Manager at Gen V.



Illustration: agricultural greenhouses.

Greenhouse agriculture has great potential for reducing emissions, whether through energy conversion to renewable energies, improving the energy efficiency of greenhouses, or recycling organic matter and green residues.

CITY OF PRÉVOST

Location: Prévost, QC

Organization Type: Public bodies

Sector: Municipality 

Type of Microprojects: Waste Management



Nestled in an exceptional natural setting in the heart of the Laurentians, Prévost offers a perfect balance between urban living and respect for the environment. With its *Virage Vert* program, the town is committed to sustainability in order to preserve its natural heritage for future generations.

The town of Prévost is involved in several ecological projects, particularly in waste management, where it is recognized at the provincial level for its leadership and innovative role. In particular, the management of the sludge drawn annually from its wastewater treatment lagoons has long since given way to reclamation rather than landfill. Likewise, our performance in the management of putrescible materials exceeds what is usually done elsewhere.

All proceeds from the carbon revenues generated by these projects are reinvested in our *Green Fund*, which finances a variety of environmental projects for the benefit of our citizens, most of which involve better management of the materials produced on our territory.

Focus on a key result

Over 30,000 tonnes of GHGs reduced since 2014!



"In Prévost, we decided we couldn't wait any longer. We must pave the way and show that the impossible isn't impossible if you put your mind to it. The urgency is there and we're either part of the solution or part of the problem. The status quo is no longer an option."

Paul Germain, Mayor of Prévost.



Aerial view of Prévost's ponds.

Municipalities are essential to local decarbonization. They often manage multiple buildings with significant cumulative reduction potential (town halls, administrative buildings, community centers, libraries, schools, sports and leisure centers, etc.). Last but not least, their climate action stimulates citizen involvement and creates a virtuous circle.



FIBRE DE VERRE RIOUX

Location: St-Françoise, QC

Organization Type: SME

Sector: Manufacturer



Type of Microprojects: Energy Conversion and Efficiency, Waste Management



Manufacturer and installer of fiberglass balconies, patios and galleries, as well as distributor of select aluminum railings, Fibres de Verre Rioux has been manufacturing composite parts since 1980. Numerous projects have been carried out in-house to reduce their carbon footprint:

- Conversion of an oil-fired kettle to propane.
- Use of 2 electric carts instead of 2 diesel carts
- Use of programmable thermostats to optimize energy consumption
- Reuse of cardboard within the plant to avoid landfill
- Collection and shredding of wood pallets for heating instead of fuel oil
- Electrification of around 80% of heating by replacing 4 oil furnaces with 2 electric furnaces

Focus on a key result

6 microprojects carried out and maintained year after year!



Pascale Gagnon, President and CEO of Les Fibres de Verre Rioux.



Pascale Gagnon, CEO of Les Fibres de Verre Rioux, next to one of the new electric furnaces.

The company regularly adds new green projects, generating greater emissions reductions year after year. It's a fine example of the virtuous potential of the green economy and Sustainable Community membership.




ECOCENTER OF THE MRC OF TÉMISCAMINGUE

Location: St-Édouard-de-Fabre, QC

Organization Type: Public Bodies

Sector: Recycling 

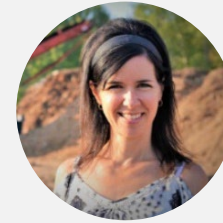
Type of Microprojects: Waste Management 

The MRC comprises 19 municipalities. Its ecocenter is an integral part of the Centre de Valorisation de Témiscamingue (CVT). This is where residual materials are sent for recovery, recycling and composting.

The recovery of urban biomass, the composting of organic matter and the recycling of paper and cardboard ensure better management of residual materials, leading to a significant reduction in the MRC's GHG emissions.

Focus on a key result

More than 6,000 tonnes of GHGs reduced in 2019!



Katy Pellerin, Director of the upcycling center and responsible for residual materials



Ecocenter team and composting andins.


By offering solutions for managing residual materials and diverting them from landfill, ecocentres play an essential role in climate change. Their centralized, innovative and sustainable solutions help reduce GHG emissions associated with the production of new materials and waste disposal, while raising local awareness of sorting and contributing to behavioral change.

GROUPE CRÊTE

Location: St-Faustin, QC

Organization Type: SME

Sector: Forestry 

Type of Microprojects: Energy Conversion 

Groupe Crête is an SME active in softwood processing in Quebec, with a history of success dating back to 1949. The company's mission is to build the future with wood, while respecting nature and enhancing local communities.

The company has developed GHG reduction projects in energy conversion at 2 sites to decarbonize its value chain:

- Conversion from propane to biomass for their 2 dryers at the Chertsey plant
- Natural gas to biomass conversion for 5 dryers at the Mont-Blanc plant

Focus on a key result

Over 200,000 tonnes of GHGs reduced since 2010!



"The Sustainable Community has made us aware of our carbon footprint. [...] We've had two factories registered since 2018, and we're going to register a 3rd in 2024. It's not just a monetary gain, because by implementing new practices, we're going to save on energy consumption and insulate our buildings better. So it's a double win."

Sébastien Crête, President of Groupe Crête



Chertsey site.



Mont Blanc site and biomass collected for dryers.



MSL

Location : Louiseville, QC

Organization Type: SME

Sector: Manufacturer



Type of Microprojects: Waste Management



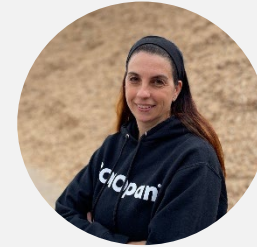
MSL is a manufacturing company specializing in building products designed primarily for soundproofing, commercial roofing and thermal insulation. The company's mission? To design, manufacture and market high-quality, value-added ecological solutions for the construction industry. The company has 2 plants in Louiseville.

MSL has completed a major ecological project:

Diverting urban biomass from landfill and reusing it as a raw material in the production of fiberboard. Thanks to its innovation, the company is extending the lifespan of our forest resources while designing a range of eco-responsible products that are 100% recycled and recyclable!

Focus on a key result

14 microprojects implemented and maintained, and a range of eco-designed products created!



"We have diverted urban biomass for use in the manufacture of wood fiber panels. Thanks to this detour, 100% of our supply consists of recycled wood chips. We are proud to contribute to the reduction of GHG emissions."

Patricia Baril, VP Finance and Operations at MSL



Collection of urban biomasses, which is then recycled into wood fiber panels.

The manufacturing sector plays a crucial role in reducing GHG emissions, not least because of its potential for technological innovation and transformation of production processes.



INTERMUNICIPAL WASTE MANAGEMENT OF LA LIÈVRE

Location: Mont Laurier, QC

Organization Type: Public Bodies

Sector: Recycling 

Type of Microprojects: Waste Management 

The Intermunicipal waste management of la Lièvre is an organization that has been involved in the management of organic, recyclable and residual materials since 1985. It operates in the Hautes-Laurentides region, representing twelve municipalities.

The organization is responsible for a large part of the region's waste management, notably through the innovative detour of waste from landfill:

- Paper and cardboard mixed through recycling.
- Urban biomass.
- Organic matter (green waste and branches) through composting.
- Organic sludge diverted from landfill.

Focus on a key result

More than 10,000 tonnes reduced every year since 2010!



"Will's Sustainable Community allows us to reduce our emissions through carbon revenues, but also various reports and projections of GHG reductions." Jimmy Brisebois, General Manager.



Sorting area at the Intermunicipal waste management of la Lièvre ecocenter.



Biogas collector Intermunicipal waste management of la Lièvre.



RECYC PHP INC.

Location: Drummondville, QC

Organization Type: SME

Sector: Greentech 

Type of Microprojects: Waste Management



Recyc PHP innovates by transforming industrial waste, such as hard-to-recycle hygiene products like incontinence products, into raw materials. The process incorporates technological advances enabling the efficient separation of components such as cellulose fibers, super-absorbent polymers and plastic films.

Manufacturers supply Recyc PHP with these residual materials, which are then recovered to become recycled raw materials. Once transformed, these raw materials are marketed to companies specializing in the manufacture of products such as plastic parts, absorbents and bedding. This initiative makes a significant contribution to reducing the greenhouse gas emissions associated with landfilling waste.

Focus on a key result

4,900 tonnes of GHGs reduced by 2022 and innovative recycling of complex materials!



Daniel Fortin, President and CEO of Recyc PHP



The Recyc PHP team in front of a pile of plastic being recycled.

Green technologies are essential to decarbonization, as their innovations make it possible to meet a need with a lower carbon intensity, such as the supply of eco-responsible raw materials. In this way, our companies are helping to democratize sustainable and innovative business practices.

ARGENTEUIL SORTING CENTER

Location: Brownsburg, QC

Organization Type: Large Company

Sector: Recycling

Type of Microprojects: Energy Efficiency and Waste Management

GFL Environmental Inc, a leader in waste management and environmental services, recently acquired the Argenteuil sorting center. Committed to sustainable development, GFL invests in cutting-edge technologies to minimize environmental impact and promote eco-friendly practices, reinforcing its support for local communities and environmental responsibility.

The Argenteuil sorting center has developed and maintained a number of ecological projects over the years:

- Biomass upgrading
- Conversion from fuel oil to biomass for their customers
- Acquisition of an electric shredder
- Cardboard recycling
- Composting of organic waste

Focus on a key result

Over 49 000 tonnes of GHGs reduced since 2013 and sustainable energy conversion service for their customers!



Anthony Bergeron-Maurice, Environmental Coordinator



The electric shredder at the Argenteuil sorting center reduces greenhouse gas emissions compared with the old shredder, which ran on fossil fuels.

Recycling machinery in Quebec still often runs on fossil fuels, so electrifying this infrastructure is a sustainable practice that is not commonplace.

Some examples of annual GHG reductions per member



The monetary return received by our members is an additional, recurring and fair source of income. It supports our members' ecological microprojects. The production of carbon credits is proportional to the member's GHG reductions. Example of a member's monetary return: Annual monetary return = Member's annual GHG reductions * average selling price 2023 * share paid out to members in cash.

PG Flooring potential carbon revenue for a given year = 12,560 x \$14 CAD x 45% = \$79,128 CAD

Member's name	Organization Type	Sector	Microprojects Type	GHG reductions over a given year (in tonnes CO2e)
Multiplants	SME	Agriculture	Energy Efficiency (EE)	667
Produits Forestiers Petit Paris	SME	Forestry	Waste Management (WM) and Energy Conversion (EC)	81 552
PG Flooring	SME	Manufacturer	EC and EE	12 560
Gen V	SME	Agriculture	WM and EC	108 089
City of Prévost	Public Bodies	Municipality	WM	5 128
Ecocenter Of The MRC Of Témiscamingue	Public Bodies	Recycling	WM	6 056
Groupe Crête	SME	Forestry	EC	18 996
MSL	SME	Manufacturer	WM	57 462
Intermunicipal Waste Management Of La Lièvre	Public Bodies	Recycling	WM	17 701
Recyc PHP	SME	Greentech	WM	1 320



Good to know: market forecasts predict that demand will outstrip supply between 2024 and 2030. This will lead to higher prices for buyers of GHG reductions, and therefore higher revenues for GHG-reducing members.



Tip for buyers: before carbon credit become scarce, opt for multi-year purchase contracts to secure your credits and average purchase price!

Tip for microproject developers: get involved today and anticipate the tightening of carbon regulations so that you can steer your green shift and benefit from incentives rather than having to manage a financial and organizational headache tomorrow!

Why the Sustainable Community (SC) project is different?



Local reductions: northern hemisphere project operating in a territory with high standards. 100% Canadian microprojects, generating local co-benefits such as job creation and stimulating R&D..



Effective reductions: +70% of carbon credits come from methane avoidance microprojects, a gas with a warming potential 80x greater than Co2 during the first 20 years of its emission. Its reduction is therefore essential to limit global warming today.



Fair reductions: 80% of carbon revenues dedicated to microproject developers.



Synergy Reductions: Canada's only bundled project model serving as a climate stepping stone for SMEs, NPOs and small municipalities through carbon knowledge, green finance and outsourced sustainable expertise. The project bridges the gap between economic reality and environmental and social objectives.



Community Reductions: participative project carried out by a group of multisectoral microproject developers. Contributes to the development of sustainable cities.



Innovative reductions: reductions resulting from microprojects involving technological or organizational innovation. Microprojects verified as "non-current practice", guaranteeing the innovative nature of microprojects eligible to the SC.



Virtuous reductions: co-benefits on 6 of the 17 United Nations Sustainable Development Goals (SDGs 9, 10, 11, 12, 13, 17).

Sustainable Community Partners

Will Solutions would like to thank our partners and collaborators for their contribution to the Sustainable Community growth.

- SADC of Matapédia
- SADC of Neigette
- SADC of Basques
- SADC of the MRC of Rivière-du-Loup
- SADC of Kamouraska
- SADC of Lotbinière
- SADC of Haut-Saguenay
- SADC of the MRC of Maskinongé
- CAE Rive-Nord
- SADC of Laurentides
- SADC Antoine-Labelle
- SADC of Papineau
- SADC of Abitibi-Ouest
- SADC of Autray-Joliette
- Network of SADC and CAE of Quebec

- Brainbox AI
- Carbone Boréal
- Carbon Streaming Corporation
- Coesio
- Climate Seed
- Développement Économique Longueuil
- Ellio
- Énergère
- Fondation 3 Rivières Durables
- FCCQ
- Microsoft for Startups
- Programme VCS (VERRA)
- Salesforce
- Serdex
- Slalom
- SGS



Will Solutions, Who Are We?

Will Solutions is a B Corp certified Canadian company, an expert in the voluntary carbon market since 2007, specializing in carbon emission reduction services for businesses. Our services include the measurement of corporate carbon footprints, the production and sale of carbon credits for companies committed to decarbonization (green financing), and the sale of carbon credits. Our mission is to catalyze voluntary and participatory climate action through our flagship initiative, the Sustainable Community, while being guided by our values of action, cooperation and ambition.



Power your decarbonization with the Sustainable Community (SC)

Will



- ✚ Measure your Emissions: <https://solutionswill.com/en/our-services/measurement-of-corporate-carbon-emissions/>
- ✚ SC Membership (Reductions and Revenues) : <https://solutionswill.com/en/our-services/carbon-reduction-and-revenues/>
- ✚ Contribute to the SC Project (Credits) : <https://solutionswill.com/en/our-services/carbon-expertise/>
- ✚ All our Carbon Services : <https://solutionswill.com/en/>

