



Verified Carbon Standard
A VERRA STANDARD



Forevergreen

Energy & Waste Project in Quebec

The Quebec Sustainable Community Project targets small to medium-sized industrial, commercial, and institutional companies, all located inside the Province of Quebec. This project's design is simple yet rigorous to apply, measure, and monitor activity to increase energy efficiency and solid waste diversion activities within the sustainable community.

Impact

The project implements automation in the form of a traceability platform to collect ground data in real-time from up to 2,000 client facilities (which operate around 12,000 buildings). It uses digital technologies, such as, AI, blockchain, and 5G, to stimulate and enhance sustainable behavior and reward the small actions carried out by each site.

Environmental Considerations

Sustainable behaviors include activities that divert industrial and commercial waste from landfills for more efficient waste recovery, increase energy efficiency in buildings, and optimize GHG reduction related to transportation. These sustainable actions are rewarded financially through the creation and sale of carbon credits.

Social Implications

The project manager carefully selects each project activity instance of all new members of the sustainable community. Grouping these eligible activities creates strong beneficial socio-economic impacts by economically rewarding enterprises and municipalities focused on sustainable development that aligns with the 17 Sustainable Development Goals of the United Nations.



Quantitative Impact

GHG Reduction

- 2,285,200 tCO₂e annually
- Over 22 Million tCO₂e total

Participating Facilities

12,000 buildings



Project Standard

Verra - Verified Carbon Standard

Methodology

VM0018: Energy Efficiency and Solid Waste Diversion Activities within a Sustainable Community

Registry Link

<https://registry.verra.org/app/projectDetail/VCS/929>