



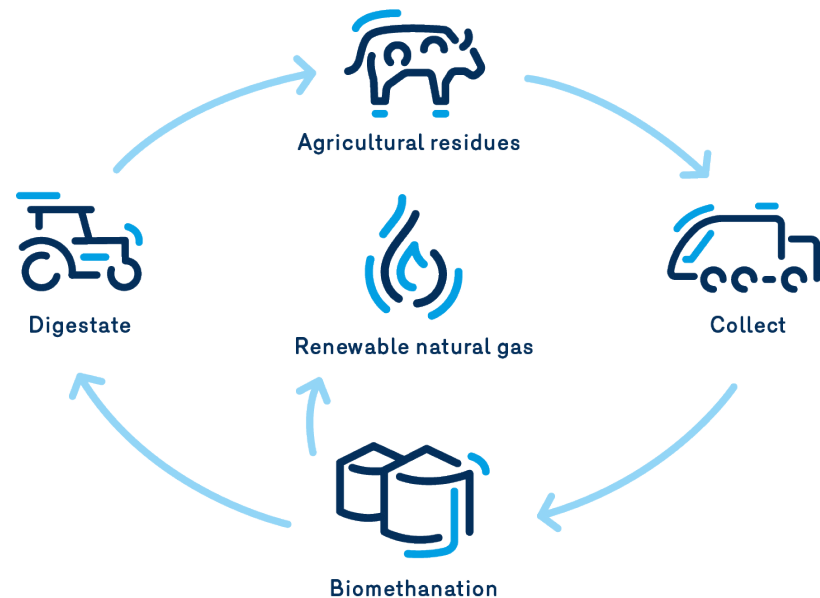
Main benefits of renewable natural gas projects

While decomposing, organic materials naturally produce methane, which we capture and harness through a process of biomethanation to make renewable natural gas (RNG), a local energy source that is 100% renewable and carbon neutral.

The environmental, economic and social benefits that can come from biomethanation projects for the agricultural and community sectors are numerous and significant, thanks in particular to a circular economy that becomes evident.

The partnership between Énergir and Nature Energy allows the RNG produced here to be consumed locally, contributing to the province's declining carbon footprint. This way, everyone wins.

Up to 10 biomethanation projects will be carried out in Québec in collaboration with Québec farmers, businesses and the community, with the greatest benefit to the community.



Environmental

- Production of a 100% renewable energy source
- Greenhouse Gas (GHG) Reduction
 - Estimated reduction of up to an equivalent of 400 000 tonnes of CO₂ per year for the 10 identified projects, which is comparable to removing about 100 000 gas cars from circulation
- Improvement of soil and air quality and odor management
 - In addition to have less odor digestate is a natural mineral-rich fertilizer that is easily assimilated by plants
- Reduction of waste volume going to landfill
 - RNG recycles organic waste into renewable energy
- Decreasing the province's carbon footprint
 - Increase in the amount of RNG produced here and consumed in the territory by 2030 (co-development and implementation of approximately up to 10 projects producing up to 200 million cubic metres of RNG per year)



Economic and social

- Production of clean energy that replaces fossil fuel use
- Creation of a Circular Economy
 - Valorization of local resources
 - Improved waste management and reduction in costs related to sending it to landfills
 - Economic development with investments in rural areas
- Job creation
 - More than 600 indirect jobs during the construction of the facilities for each of the identified projects and, eventually, more than 100 direct jobs during the operation phase
- Growth of RNG sector
 - Acceleration of the sector development speed with increased production of renewable and local energy
- Participation in a collective project that contributes to the well-being of future generations
- Economic and Social Development
 - Synergy supported between the various players and benefits for the communities involved in the sector



Local community projects

- Strengthening the sustainability of local agriculture
 - Support offered for local processing of agricultural by-product
 - Better support offered to farmers with economically viable projects through effective oversight of the agricultural biomethanation sector
 - Possible participation of farmers in projects
- Development of local resources and infrastructure
 - Enhancement of existing offer with the implementation of up to 10 identified projects and faster achievement of 10% RNG targets in the Énergir system by 2030
- Production of a better fertilizer that can be more easily applied
 - Production of a natural fertilizer, the digestate, from which a high-quality compost can be obtained for soil fertilization
- Achieving savings
 - Reduction of needs and costs associated with chemical fertilizers through the use of digestate



Energy autonomy

- Renewable energy produced and consumed on site
 - An opportunity to develop new revenue sources from organic waste
- Recycling organic matter from the territory
 - Production and consumption of RNG locally resulting in reduced environmental footprint
- An increase in energy autonomy
 - Locally produced RNG is consumed here to heat public buildings
- The role of an energy transition actor
 - The municipality makes the final decision on the establishment of a project

