



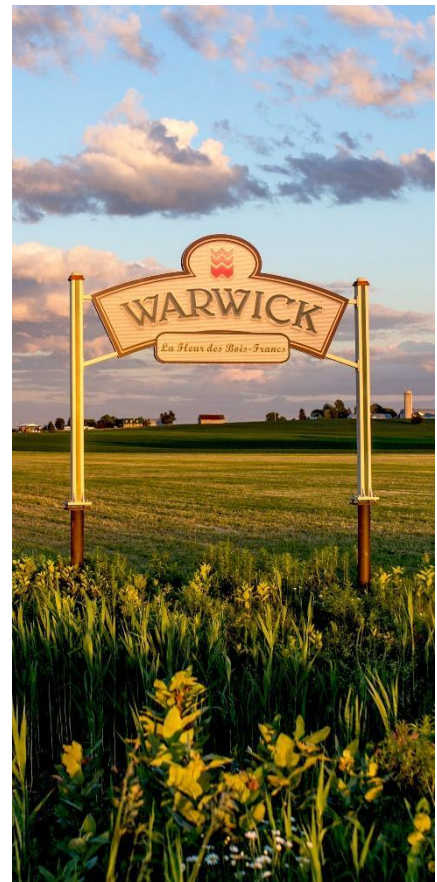
## Creation of the first agricultural cooperative dedicated to renewable energy production

Coop Agri-Énergie Warwick is the very first agricultural cooperative dedicated to producing renewable natural gas (RNG) in Quebec. Based on a cooperative model, the project brings together a dozen farmers in the region to produce and inject into Énergir's distribution network approximately 2.3 million m<sup>3</sup> of RNG, enough to supply 1,000 homes.

Coop Agri-Énergie Warwick will build a biomethanization complex in the municipality of Warwick. The complex will combine manure from the coop's agricultural members with organic waste from area businesses to produce a renewable energy. The new complex will create two full-time jobs.

### A real contribution to the fight against climate change

- Agricultural RNG makes it possible to reduce GHG emissions not only by replacing a fossil fuel but also by preventing the emissions from the storage of manure.
- Digestate, a fertilizer material resulting from the biomethanization process, can be used to replace mineral fertilizers on agricultural land.
- The biomethanization complex will eliminate 6,500 tonnes of CO<sub>2</sub> eq yearly — comparable to removing 1,500 cars from the roads.



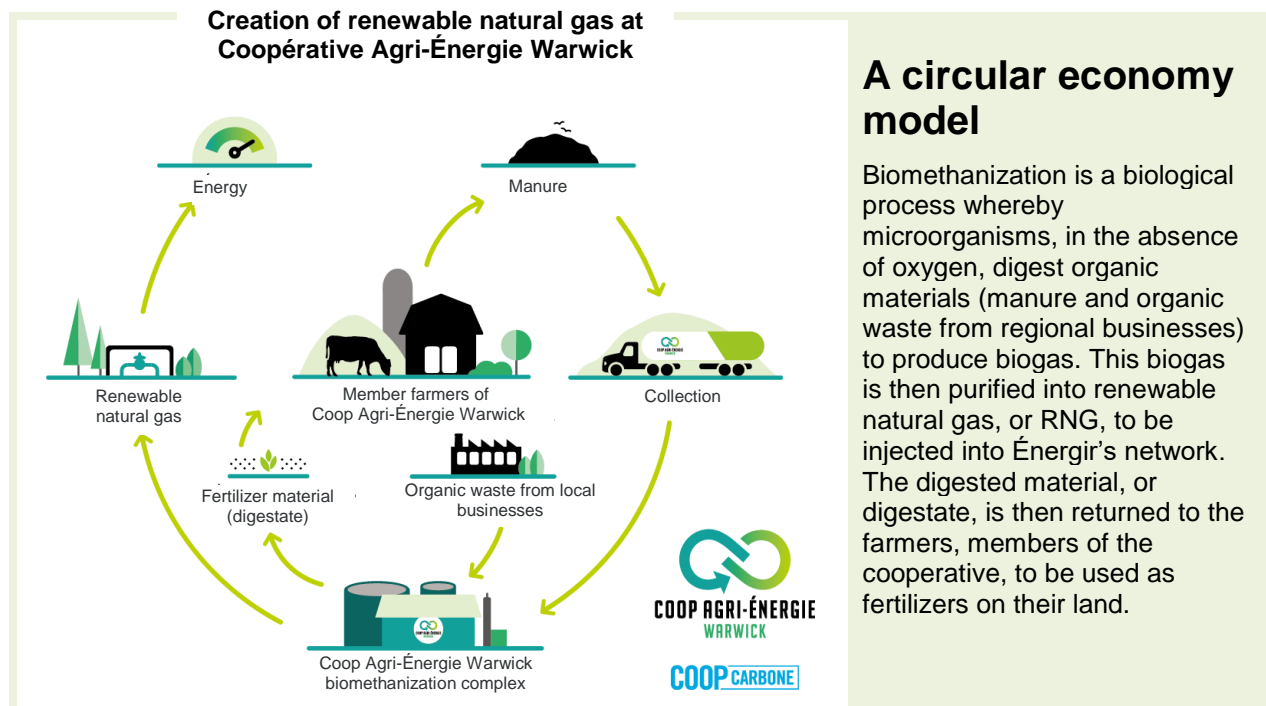
## A promising project for the agricultural sector

- Turnkey business model developed, built and operated by Coop Carbone to enable farmers to monetize their agricultural waste and diversify their revenues while remaining focused on their activities.
- Cooperative aspect ensures equitable sharing of the profits between the members with different profiles.
- A replicable model for other Québec regions that could also benefit from a proven technology and business model.
- Reduction of the odours related to spreading manure, for improved social coexistence.



## Marked potential for renewable natural gas production

The agricultural sector alone has the technico-economic potential to produce over 400 M m<sup>3</sup> or nearly 10% of the natural gas distributed by Énergir in Quebec, according to a 2018 study by WSP Canada and Deloitte. Around 50 similar projects would be possible for Quebec, and Coop Carbone is currently working with other agricultural producers to develop agricultural biomethanization projects.



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