

GEOCITY 3 — LONGVILLE



MUNICIPALITY OVERVIEW

- * Population: 230 000
- * Aging housing stock
- * Recently adopted an elaborate GHG emissions reduction plan and needs to keep track of the results.

CHALLENGES

- * City officials want to encourage homeowners to become more energy efficient by implementing energy efficiency retrofit work on their homes and by installing efficient heating and cooling systems.
- * However, the municipality doesn't have the resources nor the desire to put in place a program management infrastructure. City officials wish to minimize program management costs and maximise the financial assistance provided to their home owners.
- * The municipality has recently increased the number of building inspectors. However, they need to increase their knowledge about renewable technologies such as ground source heat pumps.

SOLUTIONS

- * The City has decided to provide an additional 25% of the incentive granted by the provincial government for renovation work performed under the *EnerGuide for Houses* rating system which already requires CGC certification for ground source heat pump systems.
- * As part of their participation in *GeoCity*, the municipal building inspectors benefit from a complete training session and a reference manual about ground source heat pumps.

RESULTS

- * The city is reducing the energy intensity in its existing building stock.
- * Homeowners have increased their home values, and the city has increased its tax base.
- * The city is fostering increased economic activity with local CGC Qualified companies.
- * There is now an inventory and mapping of the underground exchangers for future excavation work.
- * Municipal building inspectors are better equipped to monitor and authorize the installation of ground source heat pumps installed by homeowners.



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