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Energir's Damage Prevention Initiatives

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November 1, 2018

Agenda

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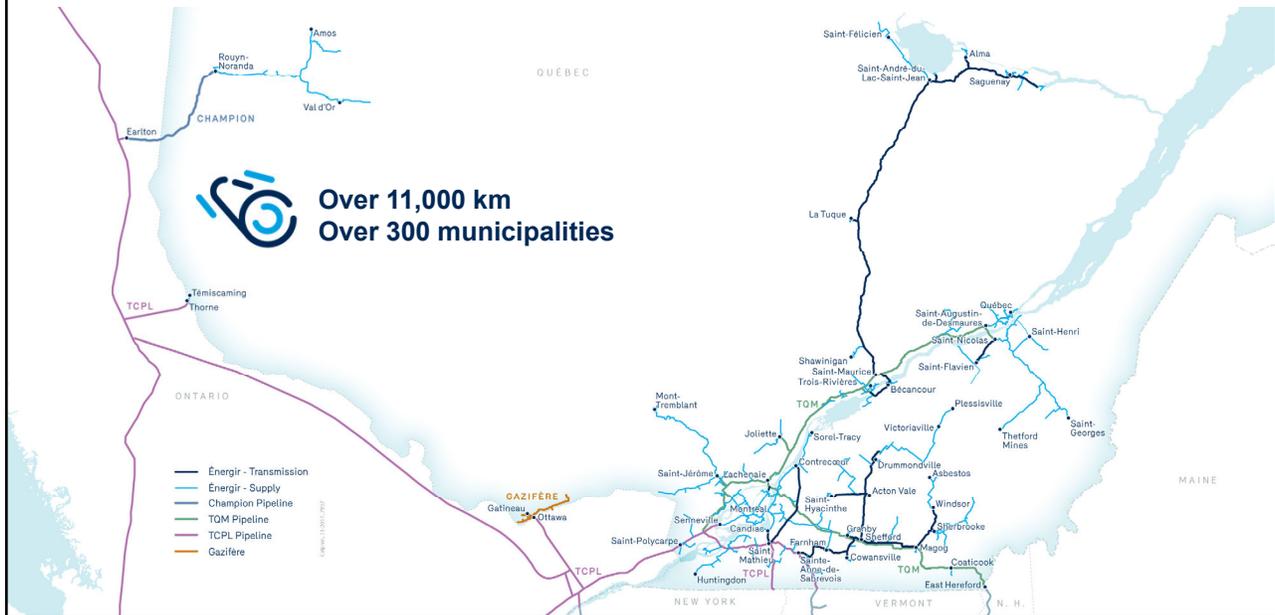
1. Introduction to the company
2. Context
3. Montréal initiatives
4. Other initiatives



Our Energies in Many Territories



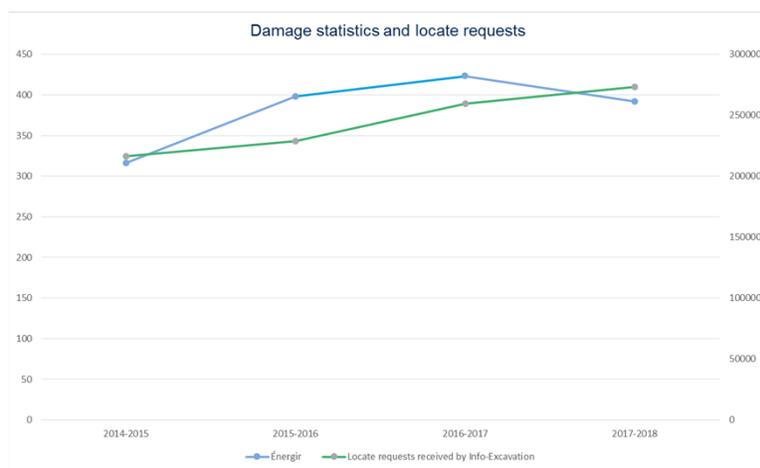
Québec: Natural Gas Distribution Network



Context



Underground gas infrastructure damage statistics



- In **24%** of cases of network damage sustained in 2017–2018, the contractor did not locate the infrastructure beforehand
- **57%** of cases of damage to Énergir’s network in 2017–2018 resulted from careless or improper excavation practices or excavation inside the tolerance zone

Montréal, the metropolis

Home to over 2 million people
Québec's economic and cultural driver
Site of close to 50% of Énergir's gas network



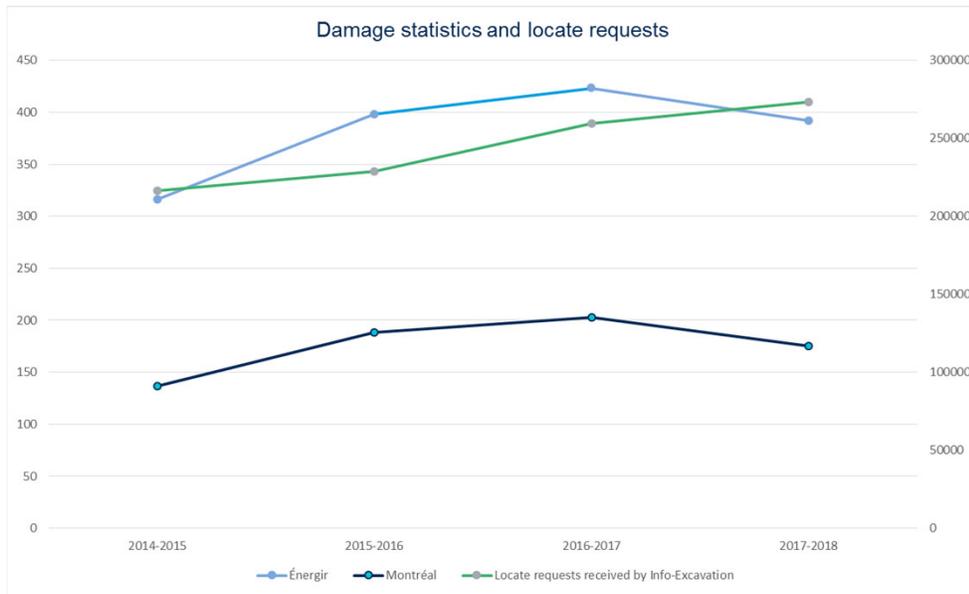
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Tim Sargeant @fsargeant

#Montreal Mayor Valérie Plante announcing \$6.383 Billion capital works budget for 2018-2020. "Today we have started building the Montreal of tomorrow where no one is left behind". #polmtl
12:31 PM - Jan 31, 2018

Major impacts on public safety

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Source: Montreal Gazette, March 8, 2018

Damage prevention initiatives in Montréal

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Co-operation with the fire department

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- Concerned for public safety and hoping to make elected officials more aware of the number of major damage incidents that occur on the Island of Montréal, the fire department worked with Énergir and Info-Excavation to calculate the total cost of this damage.
- This prompted the City of Montréal to recognize that it has a part to play in damage prevention and to address the situation with the contractors responsible for the damage.



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The City's central role in damage prevention

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Amendment of its excavation by-law effective June 5, 2018

- From now on, anyone who requests an excavation permit to carry out work on a private or public right of way will be required to have a valid locate.
- The City also asks that contractors consult the guidelines for working around natural gas pipelines.

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Guidelines
for working

Around natural
gas pipelines



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The City's central role in damage prevention



Changes to the City's calls for tenders

- The City of Montréal is the main work provider for contractors. It **now requires** its contractors to make locate requests and to consult the Guidelines for Working Around Natural Gas Pipelines.
- The third time that a contractor fails to comply with the excavation regulations by excavating prior to obtaining a locate or after a locate expires, by excavating outside of the located area or by excavating without a locate, **the City will ban the contractor from responding to the City's calls for tenders for a two-year period.**



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Pilot project with the Commission des normes, de l'éthique et de la santé et de la sécurité au travail (CNESST)



ABOUT THE CNESST

The CNESST's mandate is to provide information to its clientele (workers, employers and anyone concerned with occupational health and safety) and to support them in their efforts to make their workplace healthier and to eliminate hazards.

PILOT PROJECT ON THE ISLAND OF MONTRÉAL

- When a gas facility suffers damage, the workers on-site are basically on the front lines.
- The CNESST plays a key role in damage prevention to ensure their safety.
- When a contractor is not following regulations, Énergir informs the CNESST.
- The CNESST meets with the contractor and requires the contractor to receive training on damage prevention and best practices for excavation near the gas network.
- Énergir provides real-time updates on damage occurring in Montréal. If a CNESST inspector is close to the damage, he or she can go to the site to take part in the investigation and even halt the work.

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Doing more to prevent damage

A new damage prevention patrol

- Énergir has implemented a **complementary approach** to the free training already available.
- A team of safety practitioners from Énergir and Info-Excavation went around to different work sites, mainly on the Island of Montréal, to **directly educate workers** on the necessity of following best practices (prudent location and excavation) near gas facilities and thus ensure their safety.



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Encouraging initial results



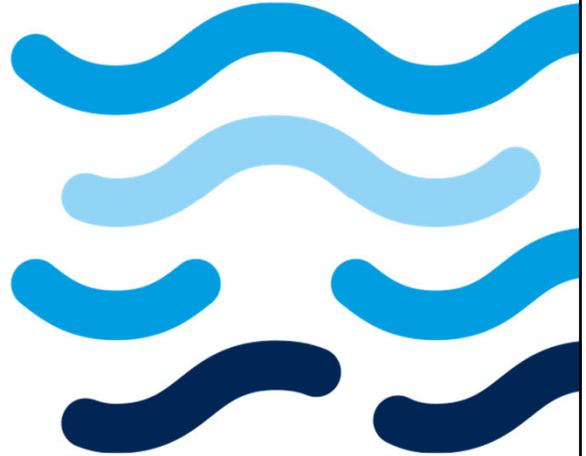
In 2018, damage incidents on the Island of Montréal fell by **almost 15%** compared with the previous year.



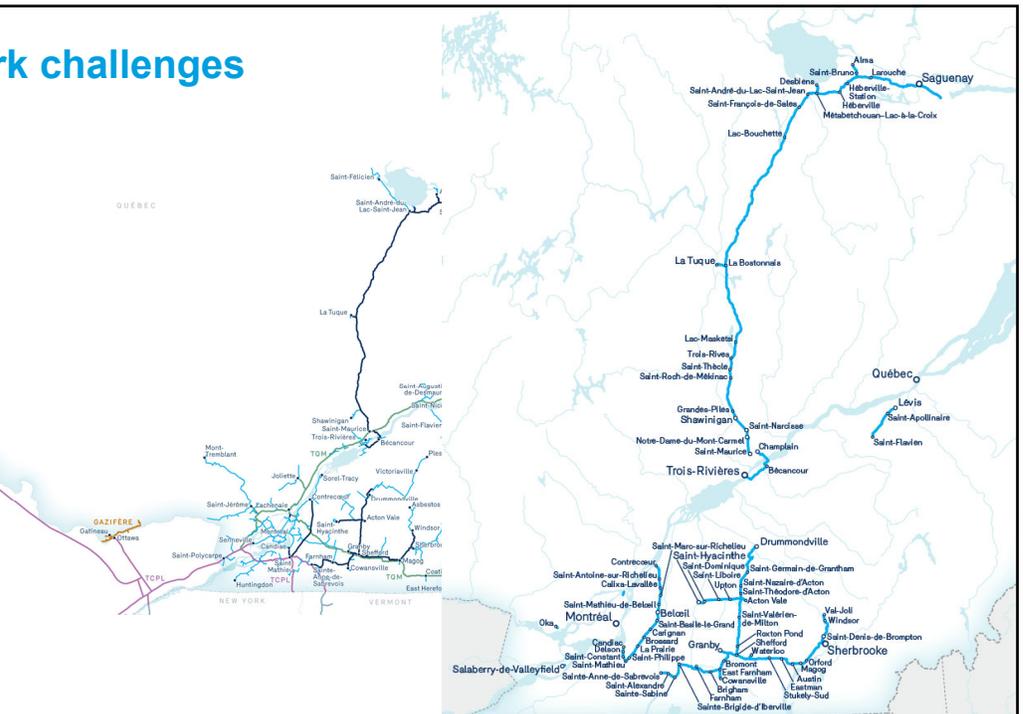
The teams very much appreciated the training in the field and they **gained a better understanding of best practices** for working near the gas network.

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Other initiatives



Gas network challenges

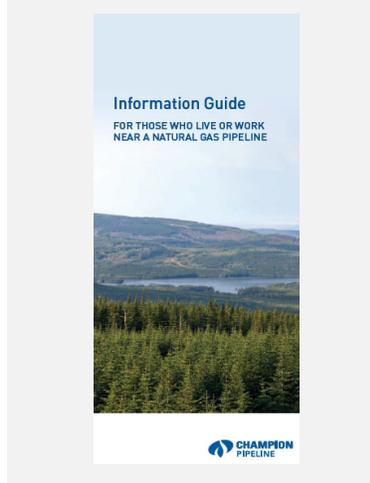
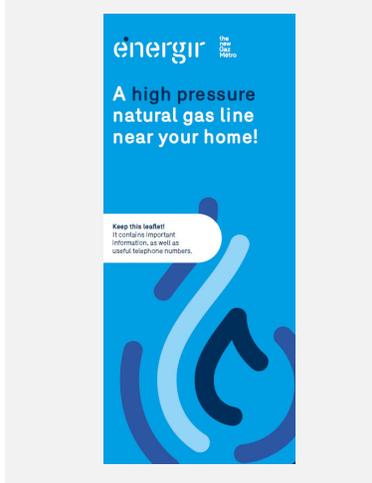


Awareness programs



FOR ASSIGNORS

FOR THOSE WHO LIVE NEAR PIPELINES



Other examples of initiatives across the network

- A program for assignors on our distribution network
- A program for risk disclosure to municipalities
- Door-to-door awareness-raising campaigns for assignors every three years, and every year for assignors in sectors at the highest risk
- A project with certain municipalities whereby municipal employees issuing construction permits to residents remind the latter that they have to submit a locate request to Info-Excavation
- A training program for excavators and the fire department

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Connecting with communities: The key to success

- To prevent infrastructure damage, we need to **work together**.
- To find the most suitable damage prevention solutions, we have to **build bridges** with communities.
- We must **engage all stakeholders in the process** to ensure that our companies' activities can continue into the future.

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Before You Leave...

SESSION SURVEY: Macdonald E		Which session are you evaluating?	
<p>Rate the following:</p> <p>Content accurate, insightful and on-point</p> <p>Content followed session description</p> <p>Speaker(s) knowledgeable on topic</p> <p>Speaker(s) well-prepared and easy to understand</p> <p>Length of session sufficient</p> <p>Session educational and beneficial to you</p> <p>Session reasonably free of sales-driven content</p> <p>Chances session will help you implement change at work</p> <p>NAME: _____</p> <p>COMPANY: _____</p>		<p>Wednesday, October 31</p> <p><input type="checkbox"/> Challenges with Shoring Design and Utilities (10:15 AM)</p> <p><input type="checkbox"/> Unauthorized Activity Reports (2:15 PM)</p> <p><input type="checkbox"/> How Do First Responders Respond to Line Hits (3:15 PM)</p> <p>Thursday, November 1</p> <p><input type="checkbox"/> Energir's Damage Prevention Initiatives (9:00 AM)</p> <p><input type="checkbox"/> Case Study: Management of Fluid Disposal Using Solidification Digital Tracking (10:00 AM)</p> <p><input type="checkbox"/> One Call Centre Software Rollout in Western Canada (11:00 AM)</p>	



Please complete your survey!
Your feedback matters.



Thank you!

Any questions?

