# energir

## Imagining Energy Differently

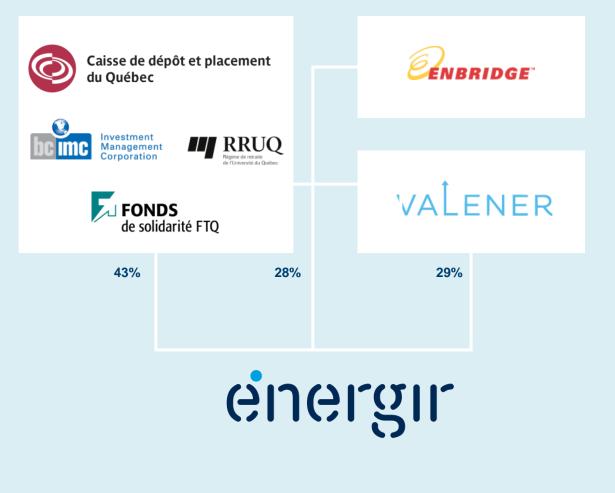
**Presented by Guillaume Brossard** 

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#### Énergir: Our Corporate Structure

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Énergir is a privately owned company. Énergir is owned directly 29% by Valener Inc., and indirectly 28% by Enbridge and 43% by a group of shareholders.



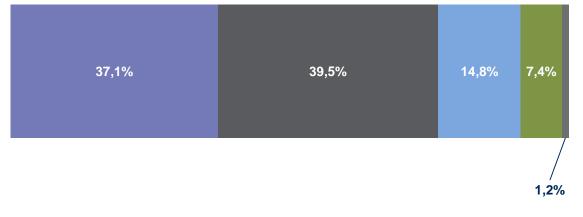
#### **Our Energies in Many Territories**

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#### **Québec: A distinct Energy Portfolio**





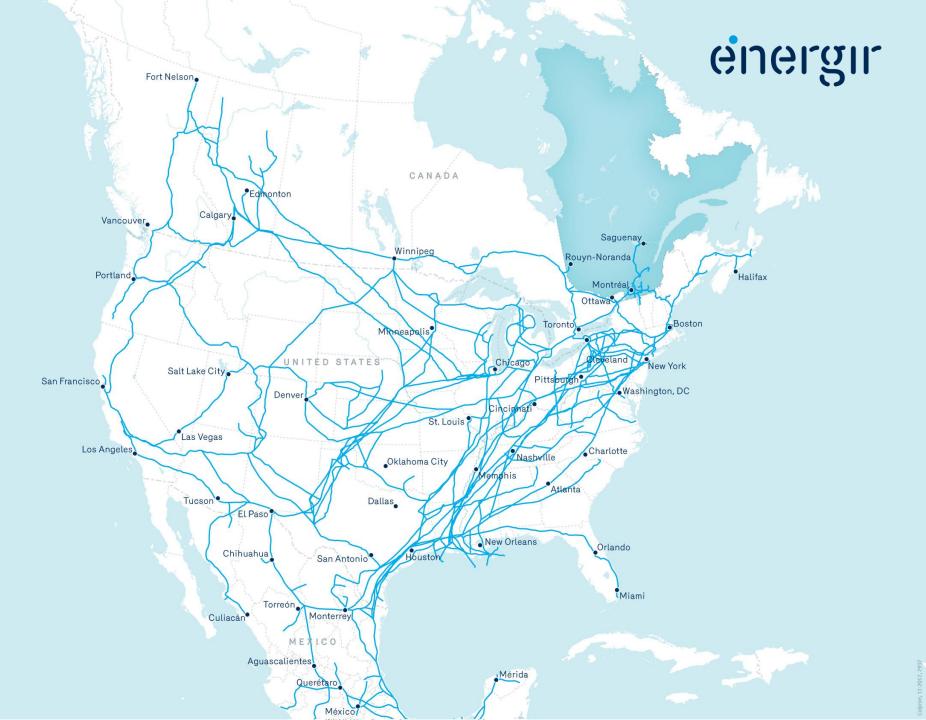
■ Electricity ■ Petroleum products ■ Natural gas ■ Biomass ■ Coal

Source: Data from MERN, 2013 http://www.mern.gouv.qc.ca/energie/statistiques/statistiques-consommation-forme.jsp

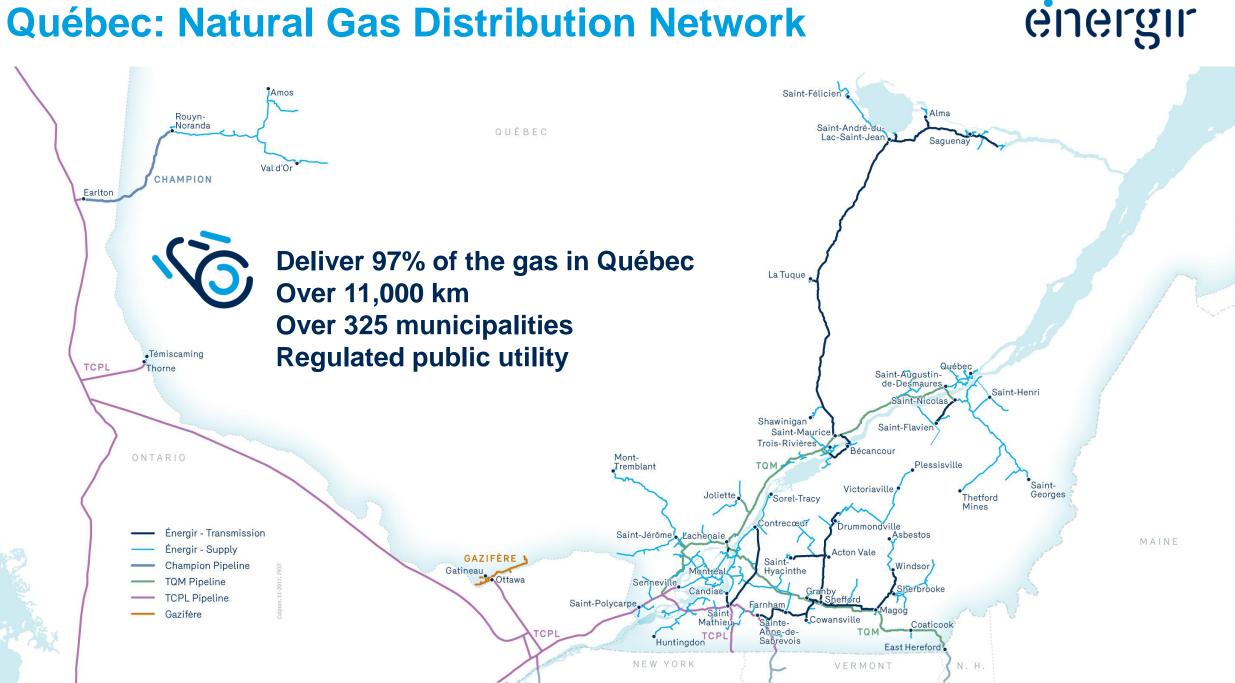
Source transport: Energy Use Database, Natural Resources Canada, 2014 http://oee.rncan.gc.ca/corporate/statistics/neud/dpa/menus/trends/comprehensive\_tables/list.cfm

- A large share of the portfolio goes to electricity: a winning energy choice in Québec (99% from renewable sources);
- However, transportation and industries account for a very high consumption of petroleum products, major emitters of GHGs and fine particles;
- By using electricity and natural gas more efficiently, Québec could contribute even more to reducing GHG emissions and atmospheric pollutants throughout all of northeastern North America;
- At the same time, Québec would benefit from the economic advantages of natural gas compared with other sources of energy.

#### Natural Gas Supply System: A Continental Market



#### **Québec: Natural Gas Distribution Network**



### Énergir Serves nearly 205,000 Customers





Category	Residential		Commercial		Industrial	
	Data	Percentage	Data	Percentage	Data	Percentage
Customers	143,423	69,2 %	55,671	26,8 %	8,206	4,0 %
Volumes	22,0 Bcf	10,2 %	59,6 Bcf	27,7 %	133,3 Bcf	62,1 %
Distribution revenues	133,2 M\$	21,5 %	282,5 M\$	45,5 %	205,0 M\$	33,0%

#### Énergir's contribution: reduce, integrate, replace



1. Reduce... by helping our customers and communities to consume less through energy efficiency



#### 2. Integrate... more

and more renewable gas, a local energy that contributes to the regions' circular

economy



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3. **Replace...** petroleum products in heavy transport and certain industrial processes

#### 1. Énergir's Global Energy Efficiency Plan



- First energy distributor in Québec to have a global energy efficiency plan, introduced in 2001;
- The efficient use of natural gas **maximizes** economic and environmental benefits for the sustainable economic development of Québec;
- Over 20 financial assistance programs to encourage the implementation of efficient natural gas technologies and processes;
- Annual recurring savings for customers: \$145M;

Since 2001, natural gas savings by customers taking advantage of Énergir's energy efficiency programs have offset more than 1 million tons of GHG emissions in Québec.

#### **2. Renewable Natural Gas**

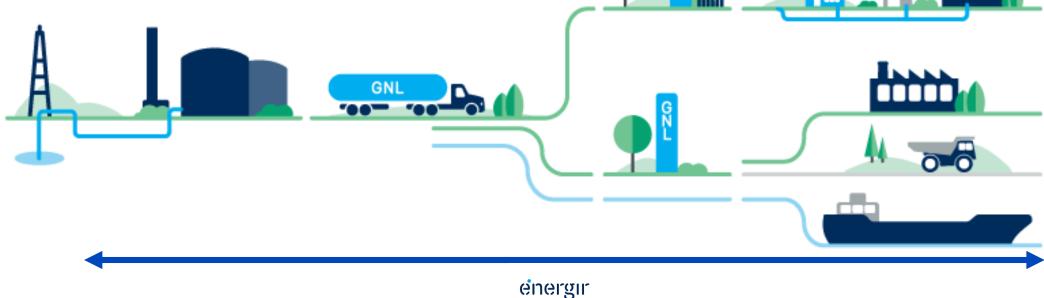
- Production and recovery of energy generated from organic matter, agricultural matter, sludge of waste water treatment plants and landfills.
- Major technical and economic potential for production in Québec: up to 2/3 of the natural gas currently distributed in Québec could be RNG by 2030
- Regulation in place to distribute a minimum of 5% of RNG by 2025



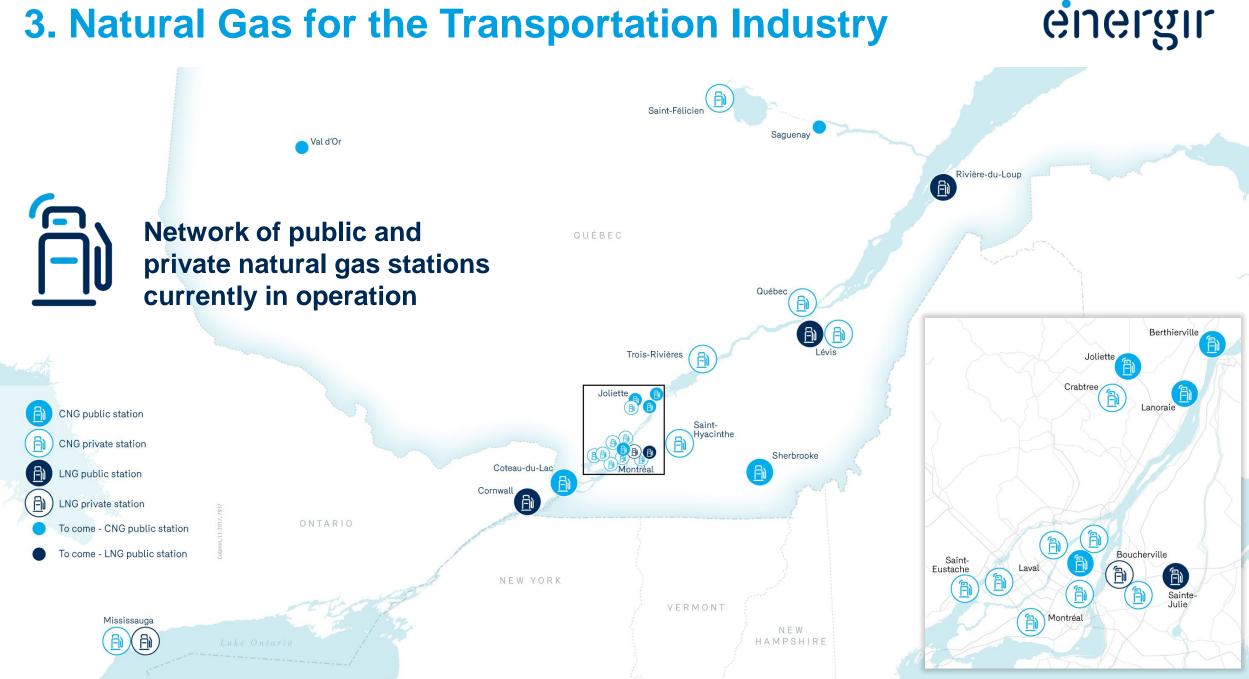
#### 3. Various Markets for LNG



LNG allows companies to meet a **variety of energy needs**: industrial facilities not served by Énergir's network, road transportation, maritime transportation, mines, major industrials, etc.



LNG is an accessible, flexible, reliable and cost-effective solution.



#### **3. Natural Gas for the Transportation Industry**



## Thank you !



#### **Natural Gas: A Leading Economic Ally**



