2024 Climate Resiliency Report



imagine energy differently

A strategic vision of decarbonization for 2030-2050 supported by concrete actions

Énergir is taking action to decarbonize its energy distribution activities (Scope 1 and Scope 2 emissions) and the energy it distributes (emissions resulting from the use of Scope 3 products sold).

Énergir's three strengths ensure its relevance to the energy transition:

- The complementary role of gaseous energy in meeting peak and seasonal energy needs.
- 2 The **decarbonization** of uses that are more difficult to electrify.
- The resilience of the energy distribution system.

Low-carbon gaseous energy

Fossil natural gas

By 2050, according to its projections, Energir believes it should distribute approximately 50% less gaseous energy by concentrating on uses where this energy and its infrastructure will bring more added-value to Quebec's energy ecosystem. By developing low-carbon growth vectors, Energir aims both to decarbonize the energy it distributes and to offer new services to its partners in order to positively contribute to Quebec's energy transition.

 The <u>Decarbonization Pathway</u> section presents these projections, and the <u>Resilience of Énergir's Business Mode</u> section presents the assumptions used to complete this pathway.

Énergir's strategic vision of decarbonization for 2030-2050 is based on four initiatives:



Increasing energy efficiency efforts



Switching from natural gas uses to a complementary solution combining electricity and natural gas (including dual energy)



Accelerating RNG injections



Developing low-carbon growth vectors through its affiliates

Key steps completed in 2024 to make this vision a reality include:



- The rollout the dual energy offers to commercial and institutional customers.
- New initiatives that came into effect:
 - New interconnections in the building sector must opt for a 100% renewable solution
 - · The Decarbonization Incentive Program
- The ability to mobilize financial resources, which indirectly demonstrates the credibility of Énergir's strategy.
 - The Caisse de dépôt et placement du Québec and the Fonds de solidarité FTQ announced a reinvestment of \$575 million in Énergir to support the company's growth and the implementation of its decarbonization and climate resiliency plan.

More in-depth perspectives on:

New in the Report

- Long-term RNG supply for 1st, 2nd and 3rd generation fuels in and outside Quebec.
- Carbon capture and low-carbon hydrogen as longer-term decarbonization tools.

Governance that is committed to, aligned with, and concerned about a just transition for workers



- Strategic workforce planning exercise to better understand and prepare for how the business model transformation may impact the workforce needs in the medium and long term in terms of required expertise and skills.
- Compensation policies have incorporated climate performance metrics based on the reduction of fossil greenhouse gas emissions.

Indicators to measure progress towards our targets



Metric		Performance 2024	Progress on Targets	Énergir 2030 Targets
1	Initiative for the Measurement, monitoring and reporting regarding fossil gas supply (Scope 3, upstream)	• 65% of system gas was EO100™ certified.	65% of target has been achieved.	Purchase of 100% of fossil system gas by Énergir as part of this initiative.
2	Direct emissions from Énergir's activities and indirect emissions generated by electricity consumption (Scopes 1 and 2)	29.8% reduction in GHG emission from 1990 levels.	79% of the target has been achieved.	37.5% reduction in GHG emissions by 2030, from 1990 levels.
3	Energy efficiency (Scope 3, downstream)	Reduction of 97,008 tonnes of CO ₂ eq. 2,936 energy efficiency projects among customers. \$46.8 million paid to customers in financial assistance. 50.5 Mm³ of natural gas not consumed.	 40% of target has been achieved. Reduction of 0.4 million tonnes of CO₂ eq between 2020 and 2024. 	GHG emission reduction of 1 million tonnes of CO ₂ eq between 2020 and 2030.
4	Complementarity/dual energy (Scope 3)	Reduction of 3,989 tonnes of CO ₂ eq in fiscal year 2024 (for all dual energy customers).	 2.3 % of target has been achieved. Reduction of 9,364 tonnes of CO₂ eq on an annual basis. 	Reduction of 0.4 million tonnes of CO₂ eq between 2020 and 2030.
5	RNG (Scope 3, downstream)	 2% distribution of RNG through the network, in accordance with the 2024 target. 124 Mm³ of RNG distributed in 2024, representing a fossil GHG emissions reduction of 0.24 million tonnes of CO₂ eq. 	100% of 2024 target has been achieved. 70% of 2030 target has been achieved, considering the contractualized RNG volumes.	10% RNG purchased by Énergir's customers, namely 567 Mm³. Fossil GHG emission reduction of 1 million tonnes of CO ₂ eq by 2030.
6	Total reduction of GHG emissions in the buildings sector (Scope 3)	 129,098 tonnes of CO₂ eq for fiscal year 2024 for customers in the buildings sector, which corresponds to: 34,710 tonnes of CO₂ eq from energy efficiency measures; 3,989 tonnes of CO₂ eq relating to the offering of dual energy; 90,399 tonnes of fossil CO₂ eq relating to RNG. 	1.5% reduction in GHG emissions since fiscal year 2020 for Énergir's customers in the buildings sector.	30% of fossil GHG emission reduction for Énergir's customers due to natural gas use in the buildings sector compared to 2020 levels by 2030.