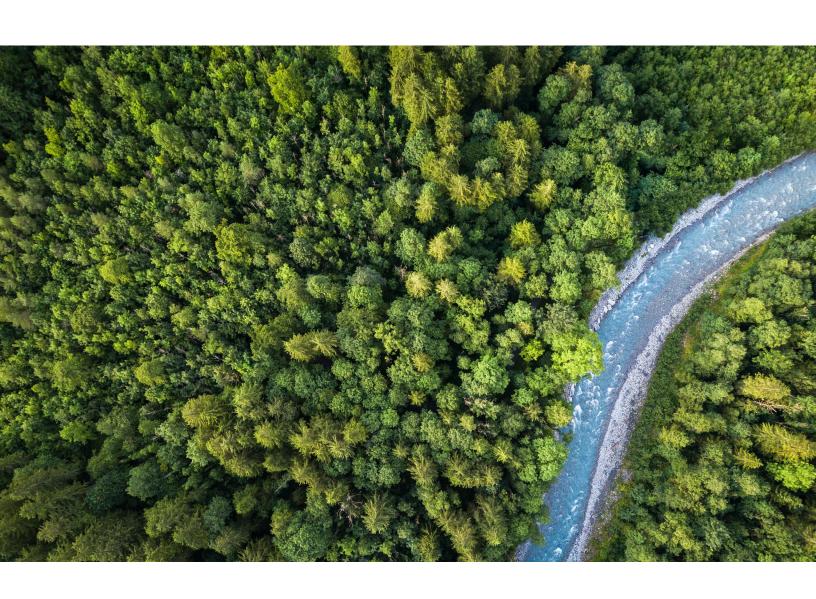
Net zero by 2050

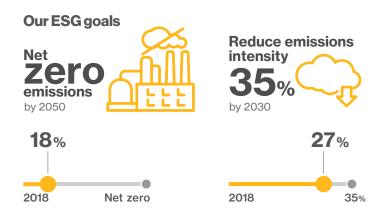
Pathways to reducing our emissions







Climate change requires serious solutions. At Enbridge, we are bridging to a cleaner energy future—helping society transition to a lower-carbon economy while reducing our own emissions.



These targets focus on greenhouse gas (GHG) emissions generated by Enbridge's operations arising from the combustion (carbon dioxide (CO₂) and nitrous oxide (N₂O)) and/or release of methane (CH₄) (Scope 1¹ emissions) as well as emissions from the generation of purchased electricity consumed by the Company (Scope 2^2 emissions).

These targets were informed by using guidance and methodology recommended by the Science Based Targets initiative (SBTi), which drives ambitious climate action in the private sector. They're aligned with the goals of the Paris Agreement to keep global temperatures well below 2° C above pre-industrial times while pursuing means to limit the increase to 1.5° C. We continue to work with experts – including SBTi, the Institutional Investors Group on Climate Change, and Climate Action 100+ – to develop appropriate standards for our sector.

In 2020, we announced new ESG targets, including a goal to reduce GHG emissions intensity 35% by 2030. Since 2018, our base year, Enbridge has reduced emissions intensity by 27%. In 2022, despite an increase in energy consumed, emissions intensity decreased slightly – primarily through improved system efficiency and lower intensity of consumed power. While challenging, we remain confident in our plan and are focused on delivering in-year emissions intensity reductions.

To hold ourselves accountable, we've linked compensation to delivering on our environmental, social and governance (ESG) targets through objectives set out in annual business unit and corporate function scorecards. We were the first in our sector to establish a program of sustainability-linked financings that directly ties our cost of capital to our ability to achieve our emissions reduction and other ESG goals.

¹ Scope 1 accounts for direct GHG emissions which occur from sources that are owned or controlled by the Company.

² Scope 2 accounts for GHG emissions from the generation of purchased electricity consumed by the Company.



Enbridge's strategic planning process has consistently revealed opportunity in energy systems change. We have long focused on energy fundamentals and building optionality in our business. More specifically, we've taken a gradual approach that involves testing the technology, developing the capability and then expanding the opportunity set over time.

We will continue to focus on energy fundamentals while building optionality into our business. And, as we continue to diversify our business mix, we will continue to work to reduce the GHG emissions associated with our business.

Sector leadership



• Established as a liquids pipeline company: Interprovincial Pipe Line Company

1949

1996

Acquired Consumers' Gas—Canada's largest natural gas distribution system, the platform upon which we built our natural das businesses



2002

 Investment in 11-megawatt (MW) facility near Gull Lake, Saskatchewan

2009

 Acquired several wind, solar and geothermal projects across North America

2011

 First RNG project Achieved emissions reduction targets set in 2005

> Reduced Canadian operations emissions below 1995 levels

2015

 Investment in European offshore wind-a significant growth platform for the Company

2017

 Accelerated the gas transmission, distribution and with acquisition of Spectra Energy

2018

project

Power2Gas

growth of our natural storage businesses

First Hydrogen

 Initiated TCFDaligned climate change reporting 2020

• First 2.25-MW solar energy

compressors on our natural

facility to power electric

Construction of 10.5-MW

Mainline beginning 2021

solar facility in Alberta that will

provide power to our Liquids

- Lower emissions intensity

- Achieve net zero by 2050

gas transmission in

Lambertville, NJ

· Set new targets:

35% by 2030

2019

- · Enbridge and Divert Inc. partnered to turn wasted food into renewable natural gas
- Partnered with Occidental and Yara Clean Ammonia (YARA) to jointly develop an energy production facility to supply low-carbon ammonia to global markets
- Climate Lobbying Report details alignment with the goals of the Paris Agreement



2023

- Reduced emissions intensity by 21% from 2018 baseline1
- Scope 3 metrics to track performance
- Linked emission goals

2022

- with our emissions goals
- Proactively work with organizations advancing science-based guidance for midstream sector1
- Work with key suppliers on emission reduction plans
- · Include a net-zero scenario analysis in Sustainability Report²
- All new investments must align
 Developing ultra-low carbon, utility-scale energy production facility to supply hydrogen and ammonia to U.S. and global markets at Enbridge

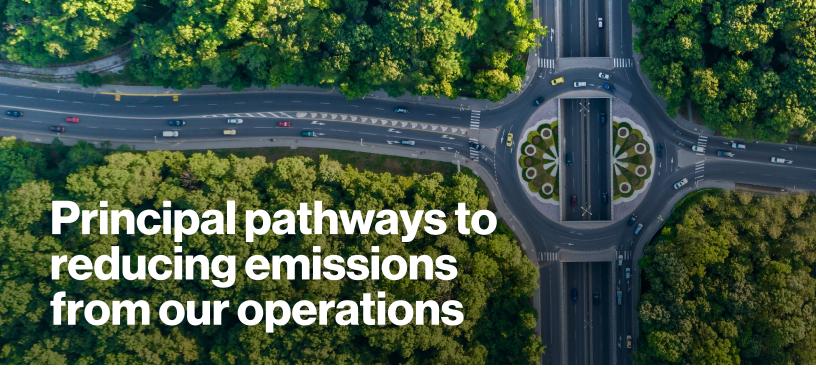
Ingleside Energy Center

- Acquired U.S. renewable developer Tri Global Energy.
- Saint-Nazaire commercial offshore wind farm operational

Our progress has been recognized by independent expert parties including CDP, which gave us an "A-minus" grade for our 2022 climate change response.

Enbridge Inc. Net Zero by 2050 Enbridge Inc. Net zero by 2050

¹ For example: Science Based Targets initiative, Institutional Investors Group on Climate Change and Climate Action 100+ ²IEA Net Zero Emissions (NZE) scenario.



Innovation is required across the entire energy system if we are to address climate change and deliver GHG emissions reductions in line with the recommendations of the Intergovernmental Panel on Climate Change and the goals of Paris Accord.

As we strive to provide the secure, reliable and affordable energy the world needs and wants, it is clear that existing energy systems need to be part of the climate solution. With assets across the energy system, Enbridge is well-positioned to make a meaningful contribution.

Our 2030 and 2050 targets will be achieved via four key pathways that are aligned with Enbridge's current strategy and longer-term business plans.

Modernization and innovation **Decarbonizing** energy use

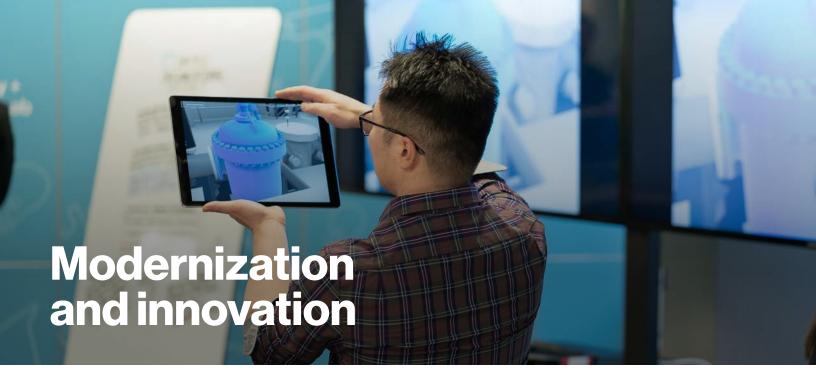
Investment in renewables and lower-carbon infrastructure

Offsets and carbon credits

Reducing emissions intensity makes us a better operator, helps to fulfill our promise to be a first-choice energy provider, and helps future-proof our enterprise.

Greg Ebel President and CEO





Enbridge is reducing GHG emissions by modernizing and applying innovation to existing energy transportation and distribution systems to increase efficiency and reduce the emissions intensity of existing infrastructure.

Liquids Pipelines (LP)

- Application of machine learning and predictive analytics to increase system efficiency, reducing the overall energy consumption and emissions.
- Reducing electricity consumption by optimizing system operations and upgrading equipment.
- Allocating more crude oil to energyefficient pipelines, rightsize pumps and equipment based on flow rates, and use a drag-reducing agent to reduce pipeline fluid friction.
- These initiatives are estimated to reduce over 100,000 tonnes of CO₂e emissions annually.

Gas Transmission and Midstream (GTM)

- Replacement of older and less efficient compression facilities on our long-haul natural gas transmission systems to improve energy efficiency and reduce GHG emissions. The first phase is expected to reduce GHG emissions on the Texas Eastern pipeline by more than 180,000 tCO₂e annually beginning in 2024.
- Future phases of modernization have the potential to remove up to 850,000 tCO₂e of additional GHG emissions each year from our gas transmission facilities by 2034.
- As a member of ONE Future Coalition¹, Enbridge commits to voluntarily reduce methane emissions across the U.S. natural gas value chain to 1% or less of total produced natural gas by 2025. This helps drive a specific focus on methane reductions, including the replacement and modernization of equipment to reduce fugitive emissions.
- Replacing nine compressors stations by the end of 2026, which is expected to deliver GHG emissions reduction of about 25% relative to the older models.

Gas Distribution and Storage (GDS)

- Modernization of equipment, capturing of vented emissions from compressor stations, and enhanced leak detection and repair programs at company facilities is expected to reduce both combustionrelated and methane emissions.
- Development and commercialization of new energy sources will reduce the GHG footprint from its own operations and further reduce the carbon intensity of the energy it delivers to its customers.
- Producing hydrogen at the Markham facility to blend with its utility natural gas supply since 2018 – the first utility-scale initiative of its kind in North America.

¹ ONE Future is an industry-led initiative formed in 2018 to achieve a science-based average rate of methane emissions across U.S.-based upstream production, transmission and distribution. The goal of ONE Future is to ensure the future of natural gas as a long-term sustainable fuel and to advance industry leadership in energy production and reduction of emissions.



Enbridge is reducing the emissions intensity of the electricity we procure with solar self-power projects and advocating for policies that decarbonize the power grid.

Along our liquids and gas transmission pipeline rights-of-way, we're actively developing and executing on opportunities to "self-power" – building and operating renewable power generation facilities to power our assets with clean electricity.

To date, we have entered three solar projects into operation and are advancing nine others in the United States to develop low-emission electricity for our pump and compressor stations. Three of these projects – in New Jersey, Pennsylvania and Alberta – are already operational, producing a combined 15.25 MW of power for our own assets.

Collectively, these projects will generate 102 MW of clean energy, from Wisconsin to Alberta to Kentucky to Minnesota. That's the equivalent of powering 23,600 households with zero-emission electricity.

Enbridge is pursuing options to meet the balance of electricity needs through the purchase of power from less emissions intensive ("green") sources of electricity in the jurisdictions where we operate. This includes policy advocacy to support the implementation of cost-effective policies to reduce the carbon footprint of the electricity grid.



Investment in renewables and lower-carbon infrastructure

We continue to focus on disciplined investment in lower-carbon infrastructure and business lines, including wind and solar power generation, hydrogen and renewable natural gas.

Since 2002, Enbridge has invested more than C\$8 billion in renewable power generation facilities (in operation and under construction), capable of delivering 2,173 MW in net capacity to customers in the U.S., Canada and Europe – enough to meet the energy consumption of about 966,000 homes, or a city about the size of San Francisco, CA. These investments include nearly 200 MW (net capacity) of offshore wind currently under-construction in France – and with more than C\$10 billion in identified onshore wind and solar, solar self-power, and offshore wind growth opportunities, we're actively working to profitably expand this rapidly growing segment of our business.

Enbridge is working across businesses and with partners to develop facilities and programs for the production, marketing, transportation and distribution of RNG, hydrogen and compressed natural gas (CNG). With our vast network of pipelines, Enbridge is also well-positioned to participate in what is expected to be a growing opportunity for investment in Carbon Capture and Storage (CCS) facilities. One CCS project under development is our Open Access Wabamun Carbon Hub, to be located west of Edmonton, Canada, which would support recently announced carbon capture projects by Capital Power Corporation and Lehigh Cement. Enbridge will work with Indigenous partners to advance the Hub and have committed to offering our partners a significant equity interest in associated carbon transportation and storage infrastructure.



In February 2022, Enbridge and the First Nation Capital Investment Partnership announced an agreement to advance the Wabamun Hub. Colin Gruending, EVP & President, LP, is flanked by Treaty 6 Chiefs (from left): Chief Arthur Rain (Paul First Nation); Chief George Arcand Jr. (Alexander First Nation), Colin Gruending, Chief Billy Morin (Enoch Cree Nation), Chief Tony Alexis (Alexis First Nation).



capable of delivering **2,173** MW¹

in **net capacity** to customer

in **net capacity** to customers in the U.S., Canada, and Europe

which is equivalent to the energy consumption of about

966,000



¹ In operation and under construction.



We will balance residual emissions through procurement of carbon offset credits generated by nature-based solutions and renewable energy credits, with a primary focus on areas proximate to our operations.

Selective investment in nature-based solutions and offsets, including



and CO₂

and through enhanced agricultural practices proximate to our operations.

orestation soil carbon sequestration



Enbridge has invested \$100,000 toward establishing a reforestation program, which will generate credits and offset future emissions. In addition to our own efforts to reduce emissions from our operations, we're proud to support this nature-based solution that advances sustainability and helps realize a lower-carbon future.



Enbridge funded a \$250,000 study to examine the Rio Grande Valley Reef from the Texas coast to explore the possibility of carbon sequestration in the marine environment from the artificial reefs to reduce society's carbon footprint.



Enbridge's GHG emissions reduction targets focus specifically on Scope 1 and Scope 2 emissions. Yet, operational emissions from the midstream comprise only a small portion of total GHG emission on a lifecycle basis.

The transportation of oil sands product makes up less than 2% of lifecycle emissions - as the diagram below shows, most of the emissions come from combustion, production and upgrading.

Enbridge is leading the midstream sector in tracking, reporting and reducing Scope 3 emissions. Despite the current limited guidance defining Scope 3 emission parameters for our sector, we have been tracking and reporting on these emissions since 2009. We currently report utility customer natural gas use, employee air travel and electricity grid loss. In 2021, we added new Scope 3 metrics that track the emissions intensity of the energy we deliver and the emissions avoided through our investment in renewables, lower-carbon fuels and our conservation programs. We've also committed to working with our suppliers to support the further reduction of Scope 3 emissions.

working with the Science Based Targets Initiative, the Institutional Investors Group on Climate Change and Climate Action 100+. As guidance is developed, we will evaluate it and assess whether our own targets should be amended and improved.

Recently we added new Scope 3 metrics that track the emissions intensity of the energy we deliver, as well as the emissions avoided through our investment in lowercarbon fuels like RNG and hydrogen, as well as our conservation programs.

We've committed to clarifying the parameters of Scope 3 emissions for our sector by

On the latter, the results are measurable and compelling. For more than 25 years, Enbridge has offered demand-side management programs to help our utility customers reduce their energy costs as well as their environmental impact. As a result, we've been able to avoid 60 million tonnes of GHG emissions.

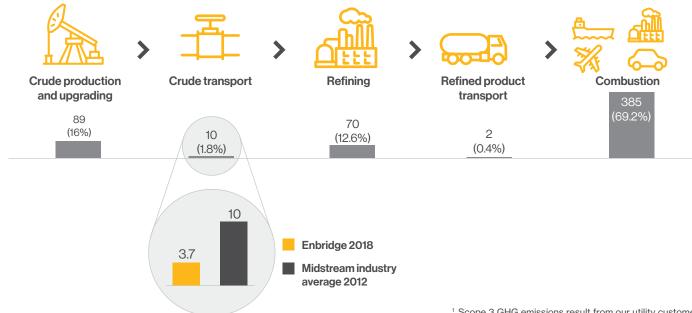
Our Scope 3 metrics

The carbon intensity of the energy delivered by Enbridge (tCO₂e per petajoule of energy delivered) based on the total amount of energy contained in the crude oil, natural gas and electricity delivered to customers on a per annum basis.

The absolute reduction and/or avoidance of GHG emissions enabled by Enbridge-operated facilities (tCO2e per annum) including generation of zero-emission electricity, demand side management and RNG.

Lifecycle emissions intensity (Scope 1 and Scope 2)

(Canadian oil sands, average produced, kg CO2e/bbl)



¹ Scope 3 GHG emissions result from our utility customers' natural gas use, our employee business air travel, and from electricity grid transmission and distribution loss (grid loss).



Renewable natural gas

We have seven RNG projects operating and in construction through Enbridge Gas, working in partnership with local municipalities including the City of Toronto. More than 50 other projects are in development and our goal is for 5% of the gas delivered by our utility to be RNG by 2030. In GTM, we have up to eight projects planned in partnership with Vanguard Renewables and a significant opportunity across our gas transmission system.



Hydrogen

GDS produces green hydrogen in Markham, ON, and in 2021 became North America's first green H2 facility in service distributing a greener gas mixture with fewer carbon emissions. We have also launched the first hydrogen blending initiative in North America in Markham, which can deliver clean hydrogen to about 3,600 customers through the existing natural gas distribution network. We have another 10 to 15 utility projects in development and we're actively studying our system capabilities.



Compressed natural gas

A partnership between Enbridge and the City of Hamilton, ON will fuel 137 CNG buses at a fast-fill compressor station: CNG buses produce 20% fewer GHG emissions than diesel and can reduce fleet costs by up to 50%. Similarly, a 2022 agreement involving an Enbridge Gas affiliate and United Parcel Service (UPS) Canada will convert 25 UPS vans in the delivery giant's London, ON fleet to run on CNG, delivered at a fueling station near the UPS facility in London.

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Disclosure and accountability

Enbridge has been publicly reporting GHG emissions data in its annual sustainability report since 2001 and has regularly reported to the CDP since 2010. In 2019, the Company evolved its disclosure in alignment with the recommendations of the Task Force on Climate-Related Financial Disclosures (TCFD), broadening the scope of its data reporting to both emission intensity and absolute emissions, as well as providing insight to the Company's strategy with respect to the risks and opportunities that arise from climate change. Since 2020, Enbridge officially became a TCFD supporter.

Enbridge plans to report on our progress in our annual sustainability report including disclosure of our Scope 1 and Scope 2 absolute emissions, intensity metrics and progress against our 2030 and 2050 targets. We will also provide supplementary metrics and other GHG related information. Since 2018 Enbridge has retained a third party to provide limited assurance on our GHG and energy consumption data.

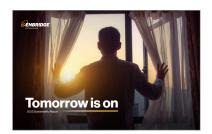
Since the beginning of 2021, all executive and staff compensation will be tied to progress towards Enbridge's emissions targets with leading and lagging indicators embedded in business scorecards. More details are provided in our reporting and in discussion of executive compensation in our annual management information circular.

Since establishing our Sustainability-Linked Bond Framework in 2021, Enbridge has issued approximately \$6.3B¹ of sustainability-linked bonds that tie the interest we pay to delivering on our emission reduction targets.

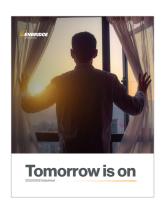
More information is available in Enbridge's Sustainability-Linked Bond Framework, which was developed in compliance with the key elements of the Climate Transition Finance Handbook 2020 and with the Sustainability-Linked Bond Principles 2020 published by ICMA. We obtained a second-party opinion from ISS ESG to evaluate the framework, its transparency and governance as well as its alignment to best practices.

Related reports

For complementary information, please reference the following reports:



2022 Sustainability report



2022 ESG datasheet



Sustainability-Linked Bond Framework



¹ Canadian dollar equivalent