

ESG Forum



Bridge to the Energy Future

September 28, 2021

Legal Notice

Forward Looking Information

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Non-GAAP Measures

This presentation makes reference to non-GAAP measures, including adjusted earnings before interest, income taxes, depreciation and amortization (adjusted EBITDA). Management believes the presentation of these measures gives useful information to investors and shareholders as they provide increased transparency and insight into the performance of Enbridge. Adjusted EBITDA represents EBITDA adjusted for unusual, non-recurring or non-operating factors on both a consolidated and segmented basis. Management uses adjusted EBITDA to set targets and to assess the performance of the Company. Reconciliations of forward looking non-GAAP financial measures to comparable GAAP measures are not available due to the challenges and impracticability with estimating some of the items, particularly with estimates for certain contingent liabilities, and estimating noncash unrealized derivative fair value losses and gains and ineffectiveness on hedges which are subject to market variability and therefore a reconciliation is not available without unreasonable effort. These measures are not measures that have a standardized meaning prescribed by generally accepted accounting principles in the United States of America (U.S. GAAP) and may not be comparable with similar measures presented by other issuers. A reconciliation of non-GAAP measures to the most directly comparable GAAP measures is available on Enbridge's website. Additional information on non-GAAP measures may be found in Enbridge's earnings news releases on Enbridge's website and on EDGAR at www.sec.gov and SEDAR at www.sedar.com under Enbridge's profile.

Agenda

	1. Bridge to the Energy Future	Al Monaco	25 minutes
E	2. Emission Goals & Pathways	Pete Sheffield	15 minutes
	3. Sustainable Operations	Michele Harradence	20 minutes
	4. Low Carbon Innovation	Matthew Akman & Malini Giridhar	20 minutes
	Break		10 minutes
S	5. Stakeholder & Indigenous Engagement	Pete Sheffield	15 minutes
	6. Energized & Diverse Talent	Melissa Harper	15 minutes
G	7. Strong Governance	Karen Uehara	10 minutes
	8. Panel Q&A	All Participants	30 minutes
	9. Closing Remarks	Al Monaco	5 minutes

Bridge to the Energy Future



Heidlersburg Compressor Station (Texas Eastern) and Solar Self-Power Facility

Al Monaco
President & Chief Executive Officer



Our Energy Perspectives

Global Energy Outlook

- Energy demand is increasing
- Economic growth depends on low-cost, reliable, secure energy supply
- Transition to a low-carbon economy underway
- Existing infrastructure is essential for the transition

Enbridge – Bridge to the Energy Future

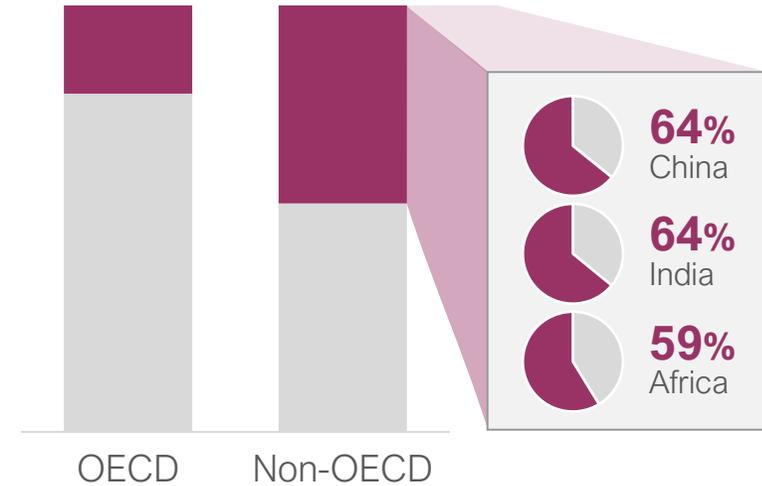
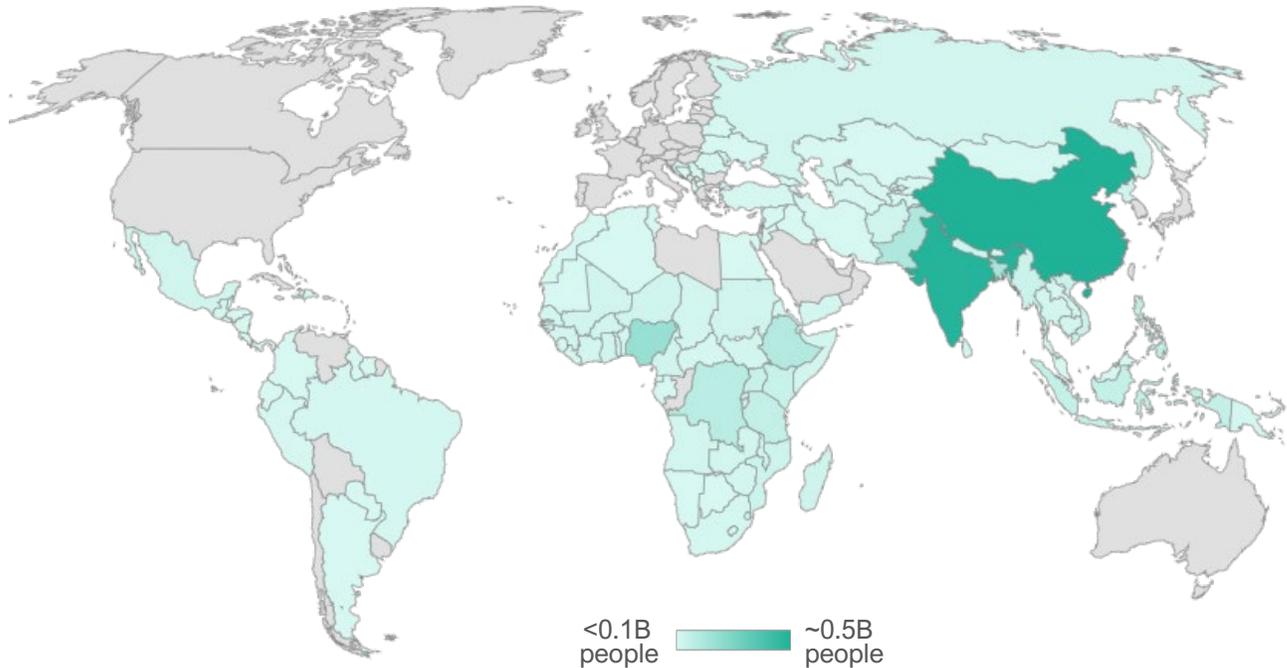
- Differentiated service provider
- Comprehensive ESG & emissions targets
- Gradual, but deliberate, transition of asset mix
- Investing in wind, solar, hydrogen, RNG and CCUS

Our differentiated and diversified approach to energy infrastructure is key to sustainable growth

Access to Energy is Not Universal

~2.6B people live without electricity or natural gas for cooking¹

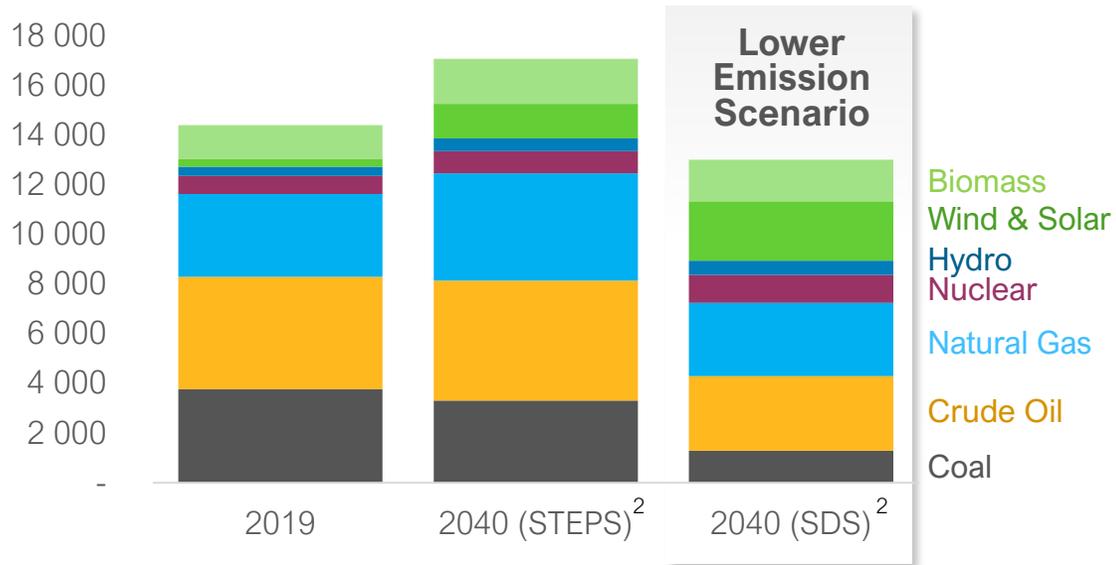
~46% of non-OECD energy demand remains coal and traditional biomass²



Sustainably addressing energy poverty is critical to meeting Sustainable Development Goals

Society's Dual Challenge

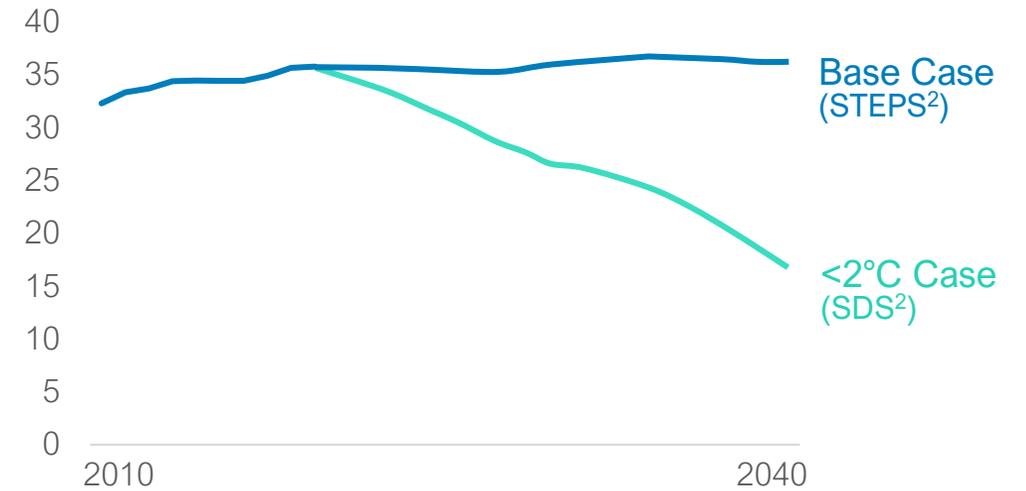
1 Meeting energy demand...¹ (Megatonnes of oil equivalent - Mtoe)



- **25%+** increase in global population
- **50%+** growth in urbanization
- **65%+** growth in the middle class



2 ...while lowering GHG Emissions¹ (Energy-related Gigatonnes CO₂e emissions)



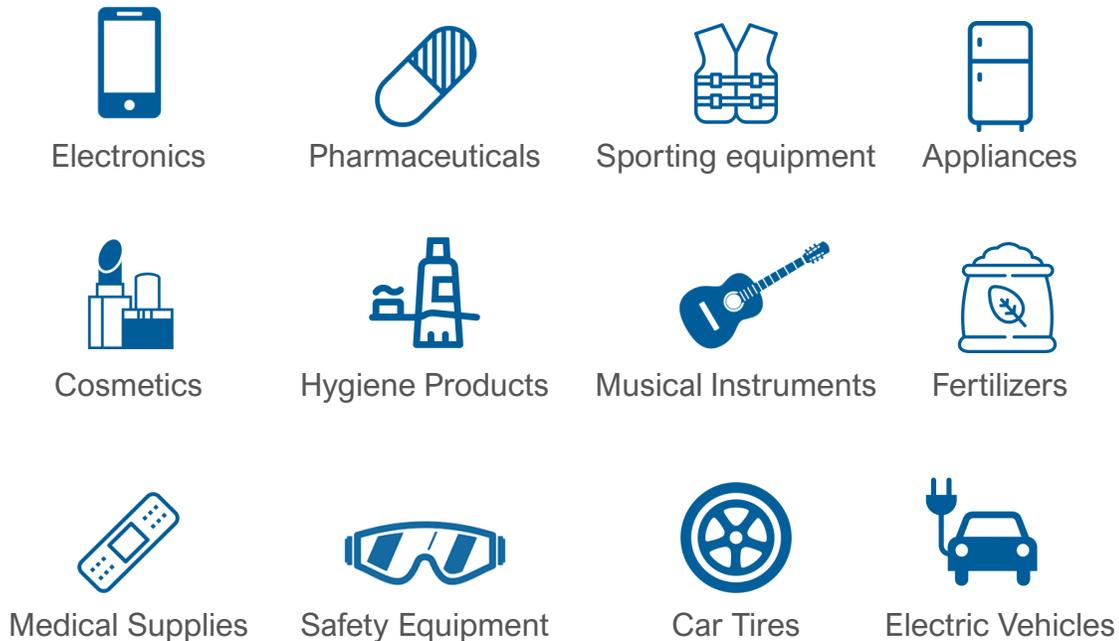
- All forms of emissions reduction required
- Leverage existing infrastructure to contain costs

Meeting global emissions targets, while satisfying energy demand will require innovation across the value chain

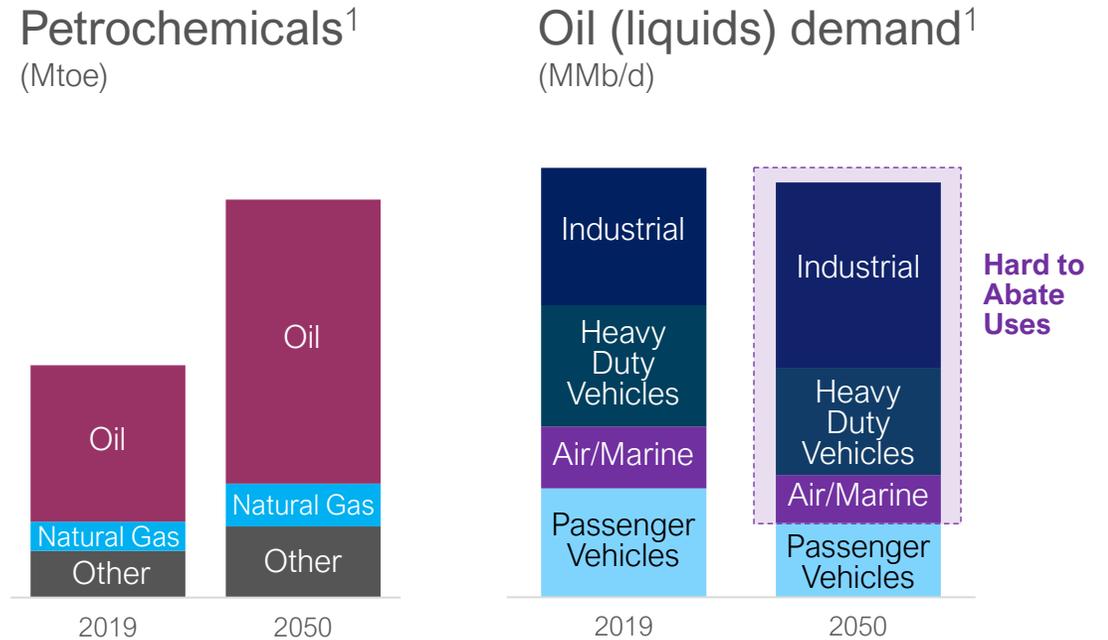
(1) International Energy Agency (IEA) – World Energy Outlook 2020. (2) STEPS is the IEA's Stated Policies Scenario which reflects the impact of existing policy frameworks and today's announced policy intentions. SDS is the IEA's Sustainable Development Scenario which outlines a major transformation of the global energy system and is fully aligned with the objective of holding the increase in the global average temperature to well below 2°C above pre-industrial levels.

Conventional Energy Is Essential

Everyday Products Depend on Conventional Energy



Critical to Meeting Petrochemical, Industrial and Transportation Energy Requirements



Society will continue to depend on conventional energy

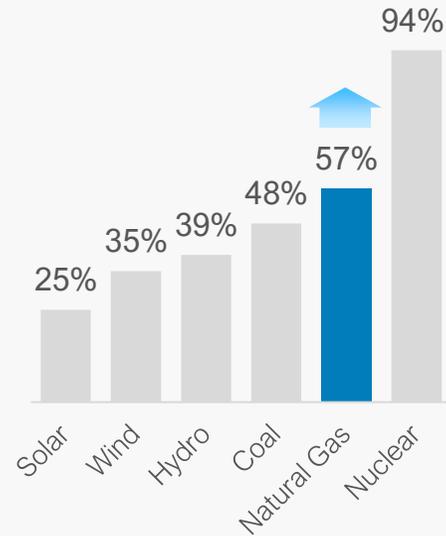
(1) IHS Markit Inflections Scenario (base case). Oil (liquids) demand excluding biofuels.

Lowering Energy Sector Emissions

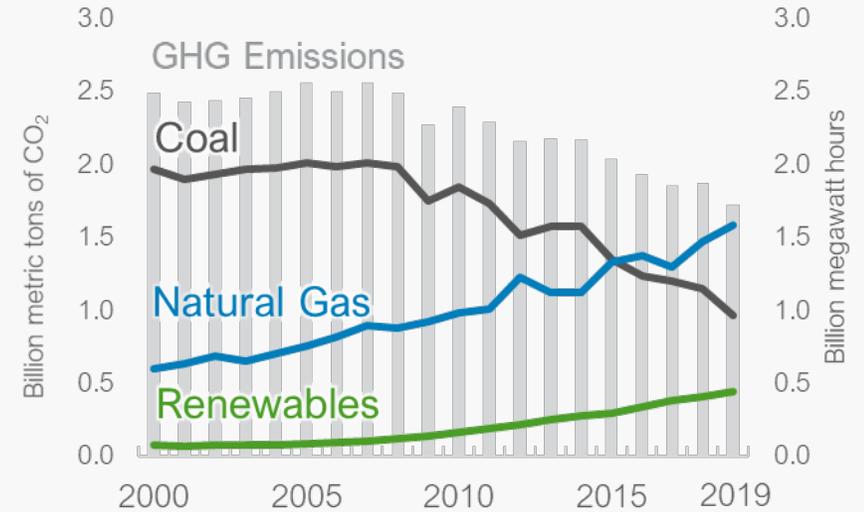


- Energy efficiency & conservation efforts
- State-of-the-art facilities
- Solar self-power
- Remove coal
- Enable low-carbon energy (H₂, RNG, CCUS)

Natural gas enables reliable & **lower carbon** baseload¹...
(2019: Realized capacity factors)



...which is central to lower U.S. power sector emissions²

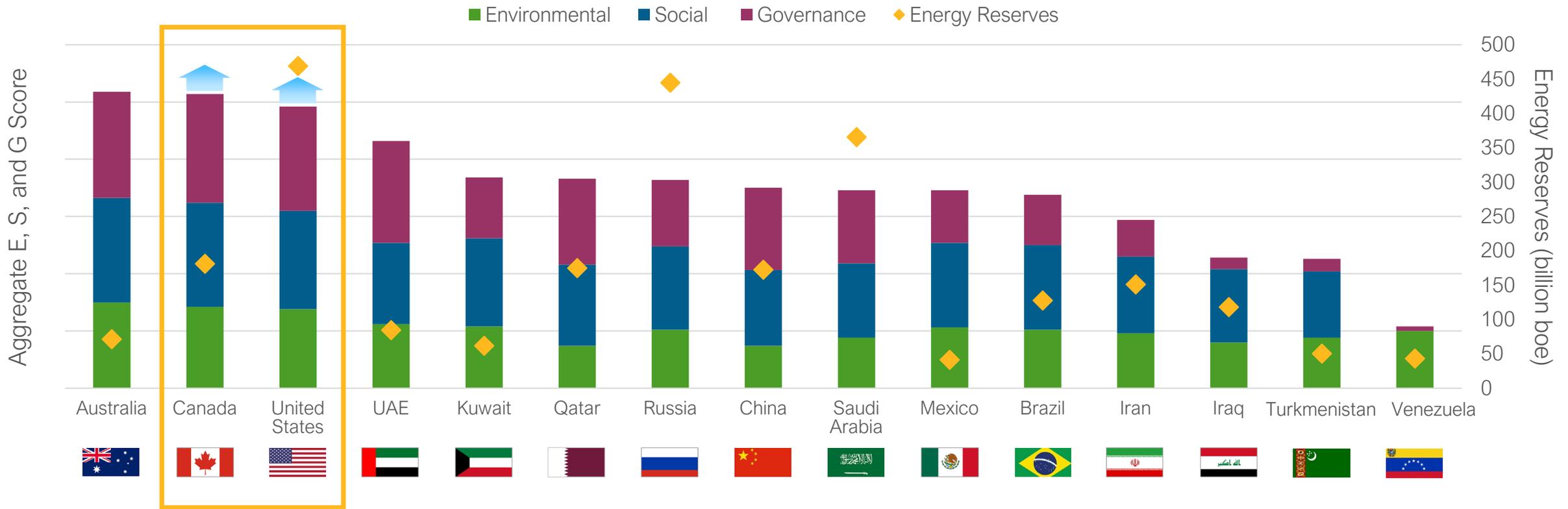


Globally, **2,125 GW** of coal power generation still to be replaced³

Innovation within the energy sector is required to achieve long-term climate goals

Sustainable Development is Required

Top 15 Energy Producers by ESG Score¹

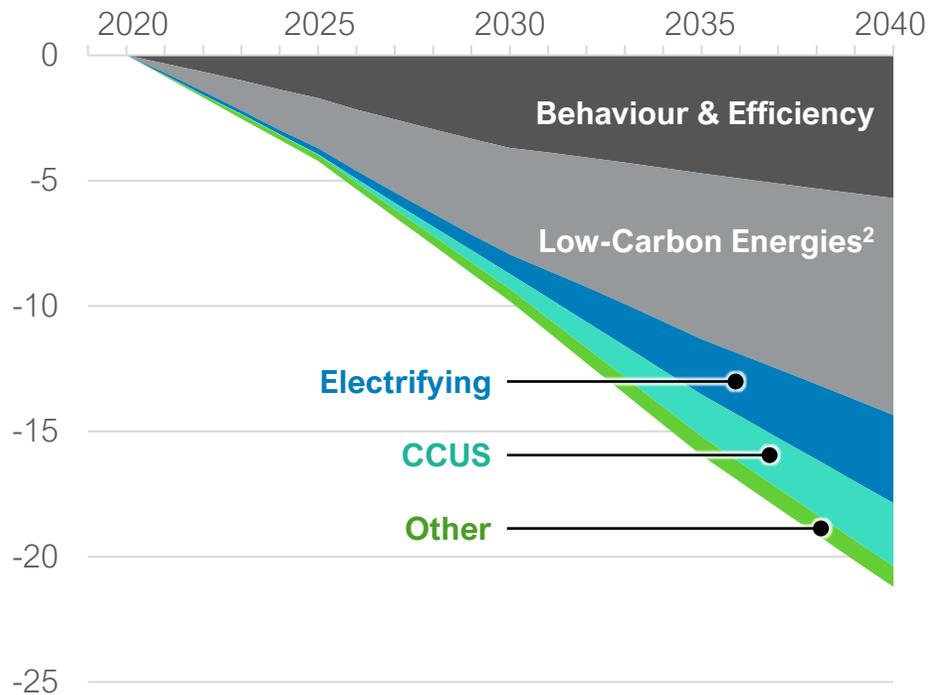


N. American energy is among the most sustainably produced and committed to further improve performance

(1) ESG Scores – combination of 2020 Yale Environmental Performance Index, 2020 Social Progress Index and 2019 World Bank Governance Index. Energy Reserves – Rystad, Natural Resources Canada and Company estimates; includes oil and gas

Investment in Low-Carbon Innovation

Global Emissions Reduction Drivers¹ (SDS vs. STEPS - Gigatonnes CO₂e emissions)



Large Increases in Annual Low-Carbon Investment³

Annual Low Carbon Investments⁴

~\$750B

~\$1,500B

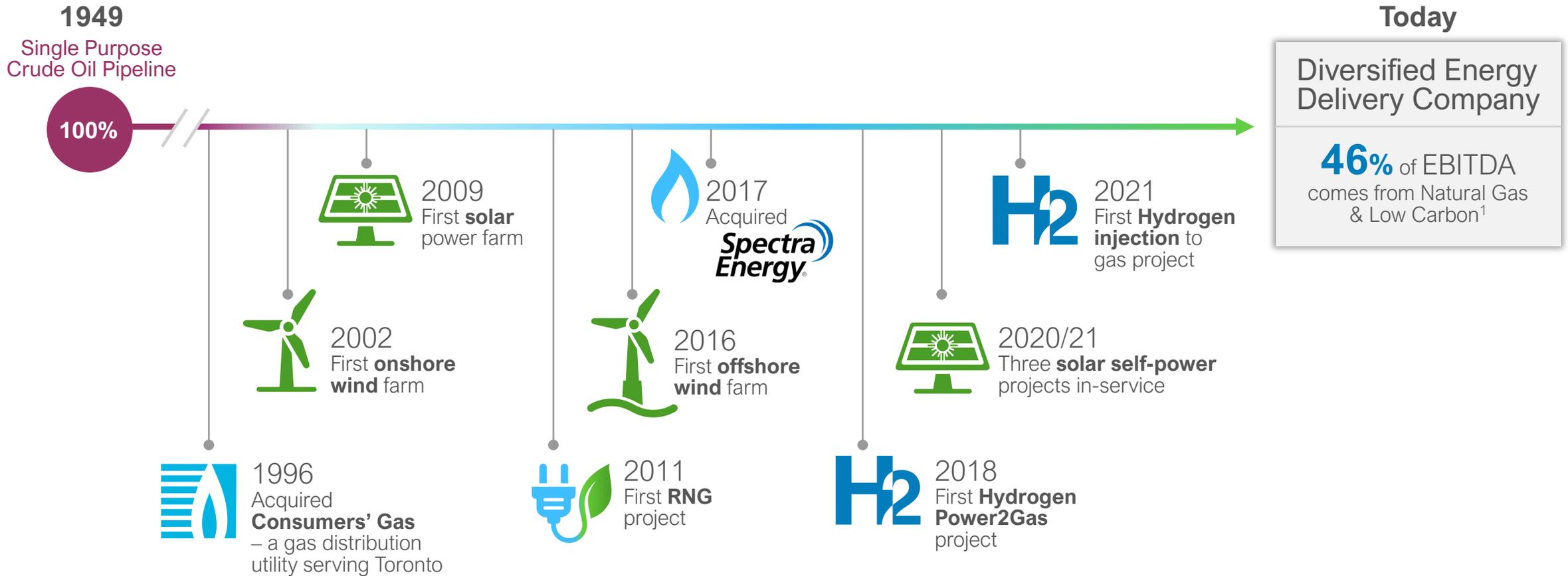
>\$2,200B

Drivers	Current State	IEA STEPS (to 2040)	IEA SDS (<2°) (to 2040)
Energy efficiency	~\$250B	~\$500B	>\$800B
RNG & H ₂ demand	~50Mtoe	~150Mtoe	>400Mtoe
Power grid enhancements	~\$300B	~\$500B	>\$800B
Solar PV & Wind	~150GW	~200GW	>350GW
EV % of Total Global Sales	~1%	~35%	>50%
CCUS	Minimal	Minimal	Significant

Our assets and capabilities will be essential to enabling, transporting and storing low-carbon energy

(1) International Energy Agency, Global energy sector CO₂ emissions reductions by measure in the Sustainable Development Scenario relative to the Stated Policies Scenario, IEA, Paris (2) Includes renewables, hydrogen and bioenergy (3) International Energy Agency (2021), World Economic Outlook 2020 & Net Zero by 2050 – Stated Policies Scenario (STEPS) & Sustainable Development Scenario (SDS) (4) International Energy Agency, World Energy Investment (2021) – includes clean energy technologies and efficiency investments worldwide

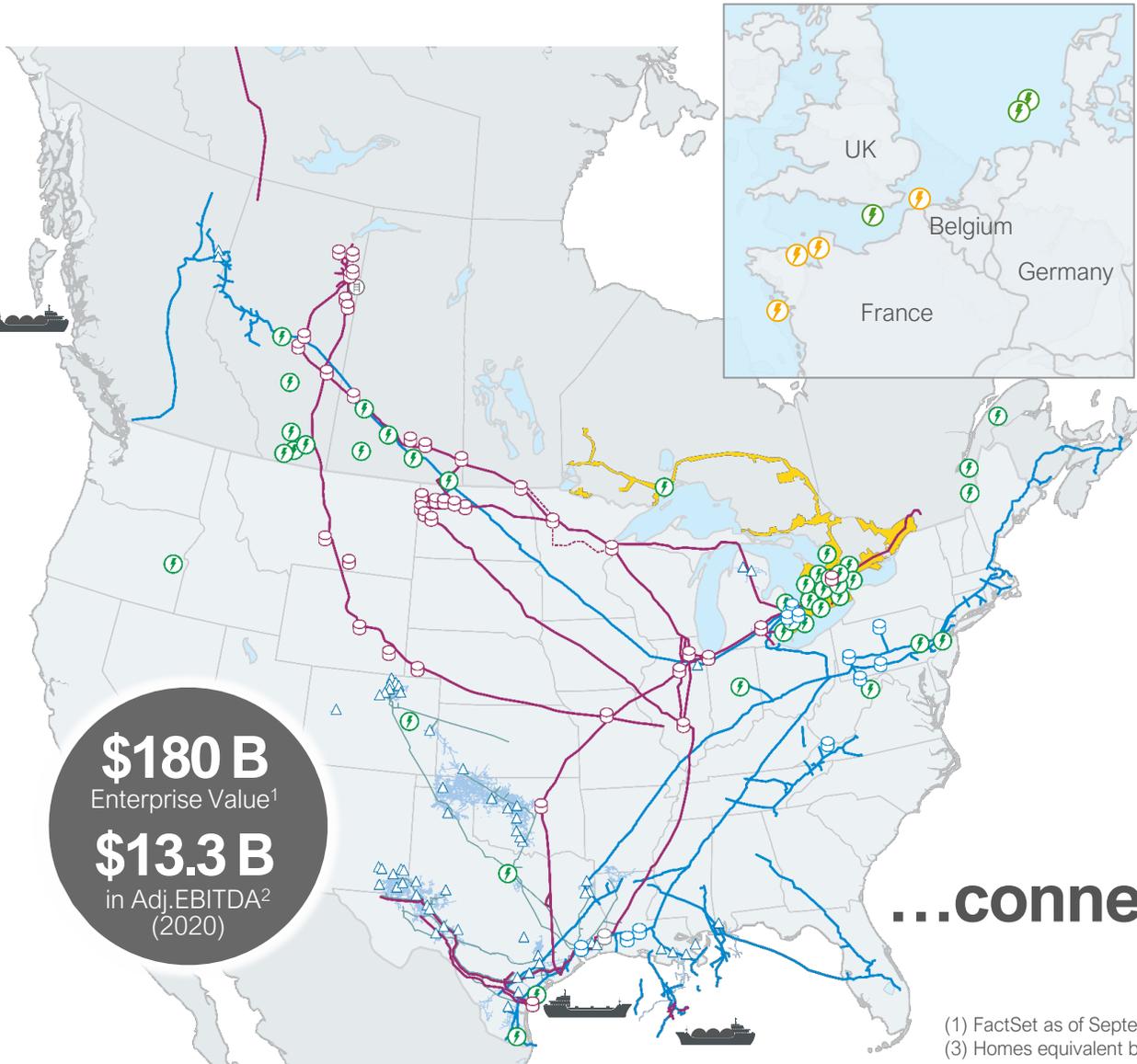
We are Transitioning Our Business



We're gradually transitioning our business mix to align with the fundamentals, while growing cash flows and returning capital to shareholders

(1) Business unit percentages are based on 2020 EBITDA

Our Assets are Critical Conduits...



- Supply natural gas to markets with **>170 MM people**
- Deliver natural gas utility service to markets with **~15 MM people**
- Transport crude oil sufficient to meet **~25% of N.A.'s demand**
- Produce enough renewable energy to power **~900,000 homes³**

...connecting people to the energy they need

(1) FactSet as of September 17th, 2021 (2) Adjusted EBITDA is a non-GAAP measure. See legal notice
 (3) Homes equivalent based on net operating capacity

Well-Positioned for Energy Transition

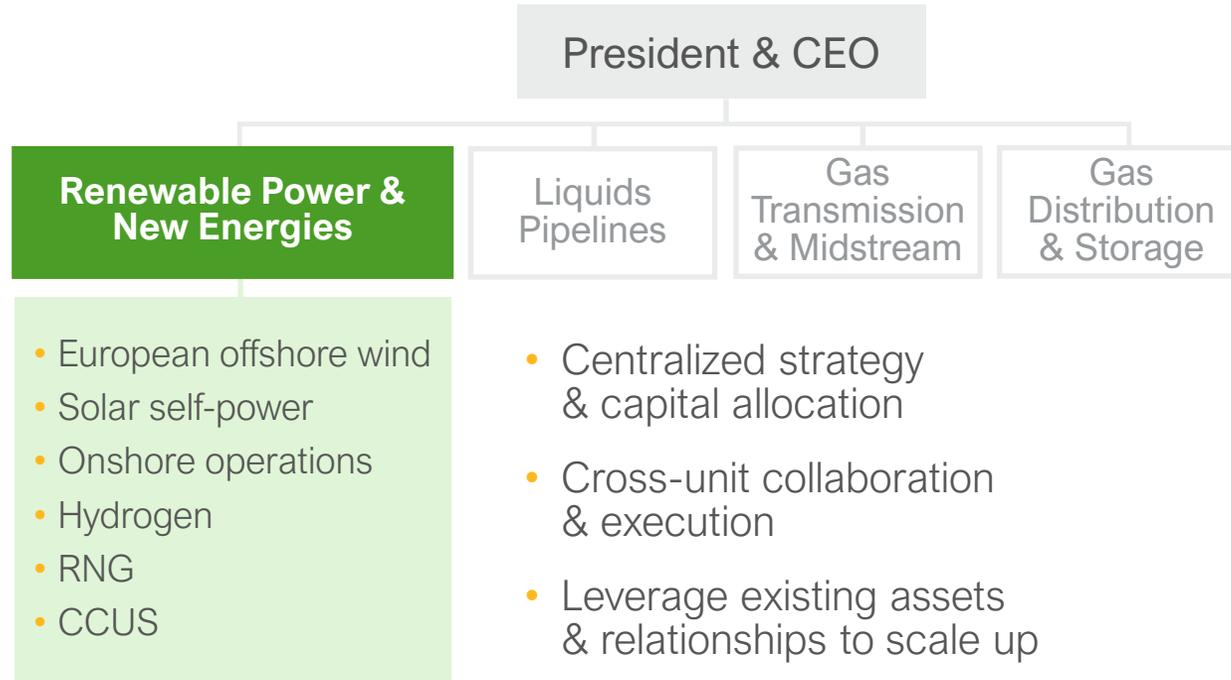
		Conventional Growth			Low-Carbon Growth			
		Optimize / Expand	Exports	Modernize Assets	Solar/Wind	RNG	H ₂	CCUS
	Liquids Pipelines	✓	✓	✓	✓ ¹			✓
	Gas Transmission	✓	✓	✓	✓ ¹	✓	✓	✓
	Gas Distribution	✓		✓		✓	✓	✓
	Renewable Power	✓		✓	✓		✓	

Embedded conventional and low-carbon growth opportunities across our businesses

(1) Solar self-power program

Strengthening Low-Carbon Execution

Expanding Low-Carbon Focus with Dedicated New Energies Team



Advancing Low-Carbon Strategy through Strategic Partnerships



New

Develop N.A. low-carbon solutions across H₂, RNG, CCUS, & Renewables



Apply Svante's innovative CCUS technology across multiple industries



Canada: Develop RNG projects leveraging partnership technology, landfill rights and deep experience



New

U.S.: Develop RNG projects in Midwest & Northeast, building on Vanguard's leading RNG position

Leveraging deep renewable capabilities, early low-carbon investments and strategic partnerships to position business for further growth

ESG Integrated Into Our Business

E
S
G

Business Strategy



Sustainable Operations



Stakeholder Engagement



Energized Workforce



At Enbridge, our approach to ESG is core to everything we do

Our Differentiated Approach

- World-class safety & integrity
- Climate leadership
- Low-carbon innovation



United Nations Sustainable Development Goals¹

- Strong Board oversight
- Robust risk management
- Transparent reporting



- Lifecycle community engagement
- Investment in sustainable benefits
- Diverse and inclusive workforce



Comprehensive approach to ESG and alignment with societal goals sets us apart from peers

(1) United Nations Sustainable Development Goals: UN SDG

Differentiated Services in Action

Enbridge Ingleside Energy Center (US Gulf Coast)



- Committed to net-negative emissions, aligned with Net-Zero goal
- Potential H₂, ammonia and CCUS growth

Line 3 Replacement Project (Right-of-Way)



- World-class environmental protections
- Unprecedented indigenous participation

Our execution demonstrates our commitment to integrating ESG into our business

(1) Potential solar facility to be sized based on local power demand and could be located on adjacent available land

Factored Into Capital Investments

- Fund **Safety and Integrity first**
- Disciplined approach to growth
- Consider a range of ESG factors and energy transition scenarios
- Supports long-term cash flow stability and energy transition optionality

ESG & Energy Transition Embedded in Investment Review Process

	Strategic Fit	Risks	
Base Assessment Factors:	<ul style="list-style-type: none"> • Fundamentals • Growth • Commercial underpinning • Financial metrics & return 	<ul style="list-style-type: none"> • Capital • Operating • Volume/Price 	<ul style="list-style-type: none"> • Credit • Regulatory • Schedule
ESG & Energy Transition:	<ul style="list-style-type: none"> • Low-carbon opportunities • Alignment with Net-zero goal • Build optionality 	<ul style="list-style-type: none"> • Carbon price • Public policy • Permitting 	<ul style="list-style-type: none"> • Climate • Opposition • Terminal value

ESG and energy transition fully integrated into our capital allocation framework

Our Performance Highlights

	99.999% Crude oil delivered safely from 2017-20	~\$8B invested in renewable energy since 2002	~55 million tonnes of carbon emissions avoided through DSM ¹ programs since 1995 ²
	19% leadership positions held by ethnic and racial minority groups	31% of our workforce are women	>1500 jobs generated for Indigenous people on Line 3 Replacement
	ESG goals tied to compensation	10 of 11 Board members are independent, including Chair	4 of 5 Board Committee Chairs are women

ESG Ratings and Rankings

MSCI
ESG RATINGS

CCC B BB BBB A AA AAA
(Reaffirmed June 2021)

S&P Global
Ratings
Top among N.A. midstream
(Nov 2020)

SUSTAINALYTICS
a Morningstar company
Top 2% of industry group
(Reaffirmed July 2021)

Corporate ESG Performance

RATED BY **ISS ESG**
(Reaffirmed July 2021)

STATE STREET GLOBAL ADVISORS
Top-decile R-factor for industry sector
(Reaffirmed July 2021)

WELLS FARGO SECURITIES
Top among N.A. midstream
(Jan 2021)

More than **two decades** of sector leading ESG performance; Striving for global leadership

Ambitious and Achievable Commitments



Environmental

- Achieve **net-zero** emissions by 2050¹
- Reduce emissions intensity **35%** by 2030¹
- Introduced new metrics to track **Scope 3** performance
- Striving for **zero** safety incidents



Social

- Achieve new **diversity and inclusion** goals by 2025

	Today	2025 Goal
Women	31%	40%
Ethnic & racial groups	19%	28%
People with disabilities	3%	6%
Veterans (US)	5%	7%

- Enhance **supplier** diversity



Governance

- Representation on the Board of **40%** women and **20%** ethnic and racial groups by 2025
- Increased ESG **transparency** and reporting
- ESG performance tied to enterprise-wide **compensation**

New goals set in 2020 further integrate ESG into our strategy, operations and decision-making

(1) Includes Scope 1 & Scope 2 emissions

Strong Organizational Alignment

Robust Board & Committee Oversight

Board committees responsible for specific areas of ESG oversight

ESG Goals Embedded in Business Plans

Multi-year business plans incorporate well-defined ESG goals and actions

Direct Link to Enterprise Compensation

Multi-year ESG goals embedded in annual incentive programs

Transparent Reporting & Disclosure

Reporting aligned with global standards

Aligning financing strategy to ESG Goals

- 
Feb. 2021 \$1.0B Sustainability-Linked Credit Facility

- 
June 2021 US\$1.0B Sustainability-Linked Bond

- 
Sept. 2021 \$1.1B Sustainability-Linked Bond

Enterprise-wide alignment drives leading ESG performance

Today's Speakers



Pete Sheffield
Chief Sustainability Officer
Washington D.C.



Karen Uehara
VP & Corporate Secretary
Calgary



Malini Giridhar
VP Business Development & Regulatory
Gas Distribution & Storage (GDS)
Toronto



Melissa Harper
SVP & Chief Human
Resources & Inclusion Officer
Houston



Matthew Akman
SVP Strategy, Renewables &
New Energies
Toronto



Michele Harradence
SVP & Chief Operations Officer
Gas Transmission & Midstream (GTM)
Houston

Emission Goals & Pathways



Pete Sheffield
Chief Sustainability Officer

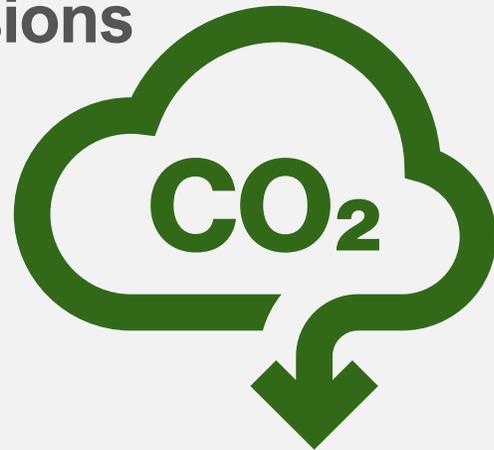


E Our Emission Goals

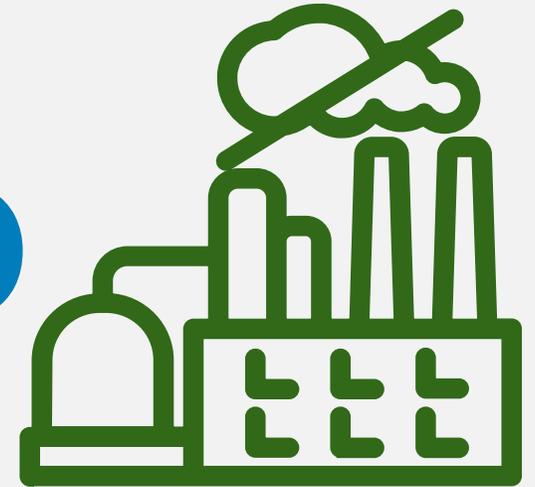
Reduce emissions intensity

35%

by 2030



Net
zero
emissions
by 2050



Aligned to UN SDG:

Minimizing our impact on the environment is core to our strategy



E Setting Our Emissions Goals

- ~2-year process involving internal and external experts
- Established robust evaluation and decision-making model to optimize emission reduction investments
- Annual and multi-year business unit plans
- Strong organizational alignment & accountability

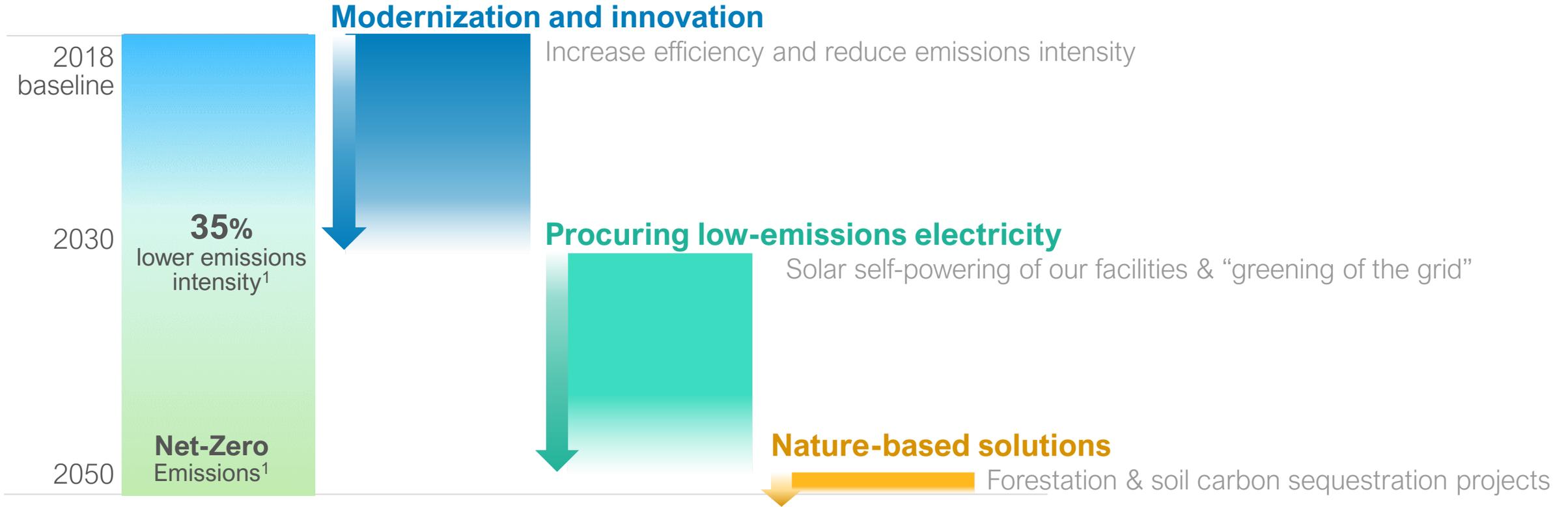
Long-term Model to Evaluate Reduction Pathways



A comprehensive and high confidence approach to lowering GHG emissions



Our Pathway to Net Zero

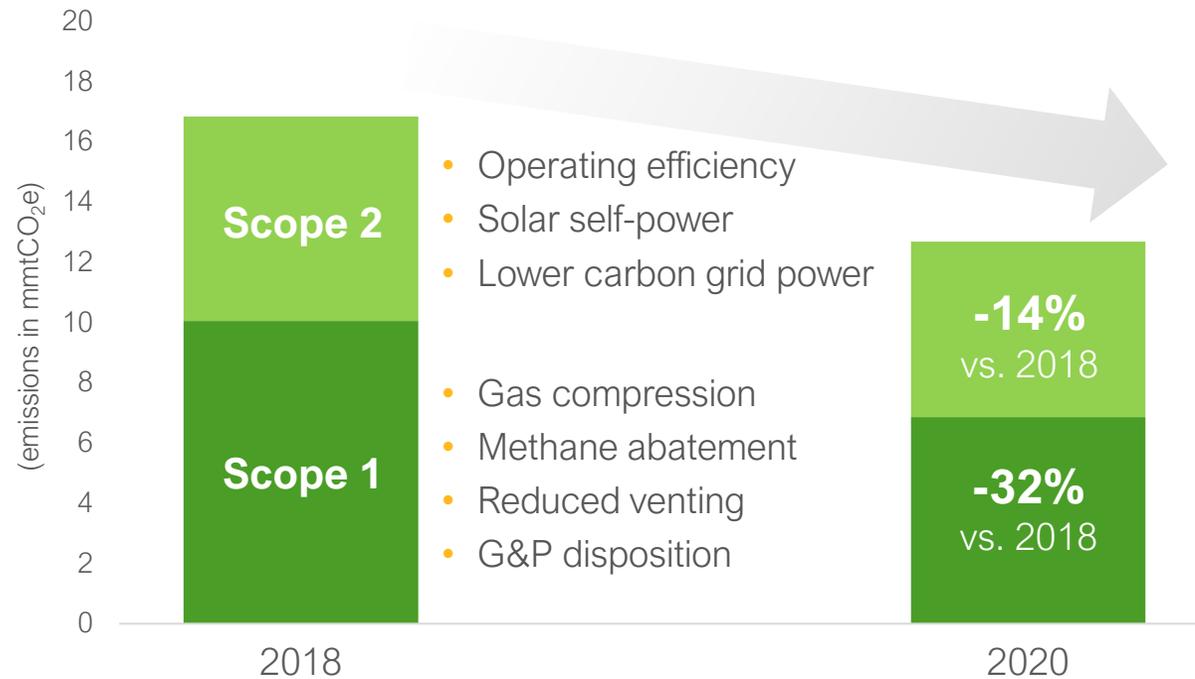


Highly executable emissions reduction plan

1) Scope 1 & 2 emissions

Emission Reductions To Date

Scope 1 & 2 Emissions Performance¹



- ~10% reduction in methane emissions compared with 2018
- ~10% reduction in Scope 2 emissions due to regional power grid greening
- Solar self-power facilities lowering system emissions (3 in operation)
- Technology to optimize and reduce power use

We're already making progress towards our intensity and net-zero emissions goals

(1) Scope 1 GHG emissions result directly from our operations and include, for example, emissions from combustion in compressors, boilers or vehicles, as well as emissions from processing equipment. Scope 2 GHG emissions result from the off-site generation of electricity, which we buy and consume. Progress towards zero emissions is subject to many factors and the actual pathway will not be linear.

Lowering Scope 3 Emissions

Diversification



- Renewable energy since 2002
- Expanding natural gas systems
- ESG factored into investments

New Low-Carbon Energy



- Investment in low-carbon energy (RNG, H₂, CCUS)
- Leveraging existing assets, capabilities and technology

Conservation



- Enabling utility customer conservation efforts since 1995
- Lowered gas demand equivalent to ~12.7M homes for a year

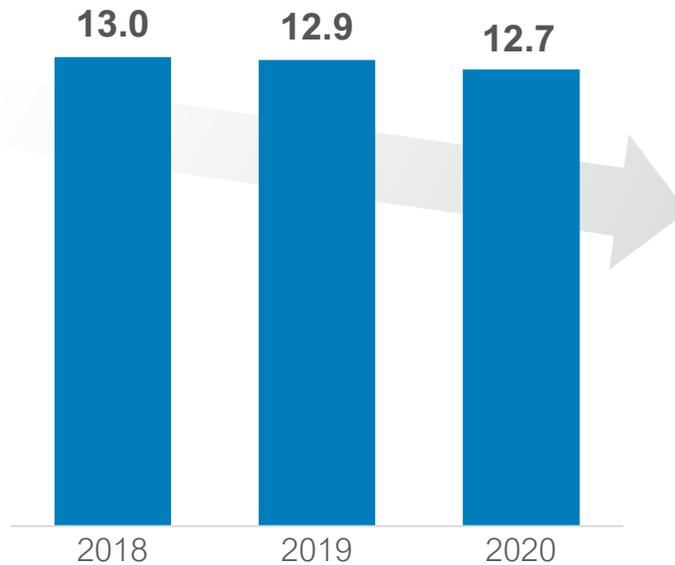
Implementing strategies to lower GHG emissions of the energy we deliver



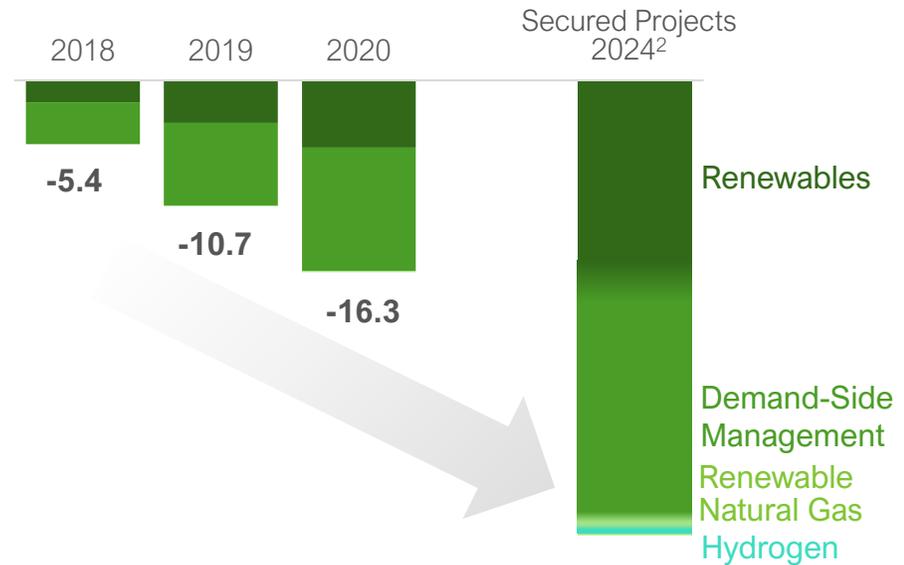
Tracking Scope 3 Performance

- Committed to reporting Scope 3 emissions
- Introduced new metrics to track performance:
 - emissions intensity of the energy we deliver, and
 - our contribution to lowering third-party emissions

Enbridge upstream emission intensity¹
(kCO₂e/GJ delivered)



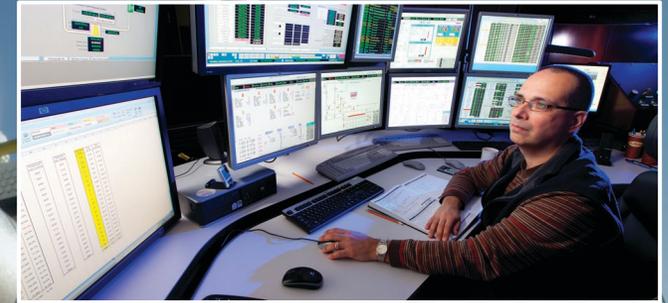
Contributions to lower 3rd-party Emissions
(cumulative million tonnes CO₂e)



Working closely with our customers to support Scope 3 emission reductions

(1) Upstream emission intensity refers to the emission intensity of the energy we deliver to our customers (2) Reflects secured projects in execution

Sustainable Operations



Michele Harradence
SVP & Chief Operations Officer, Gas Transmission & Midstream



E Safety is a Core Value

- Safety and operational reliability are core to everything we do
- We believe that **every incident can be prevented**
- Strong embedded safety culture:
 - Leading investment in system integrity
 - Comprehensive risk assessment
 - Building new technology with our partners
 - Tied to company-wide compensation



Aligned to UN SDG:

Safety is a great responsibility, engrained into everything we do



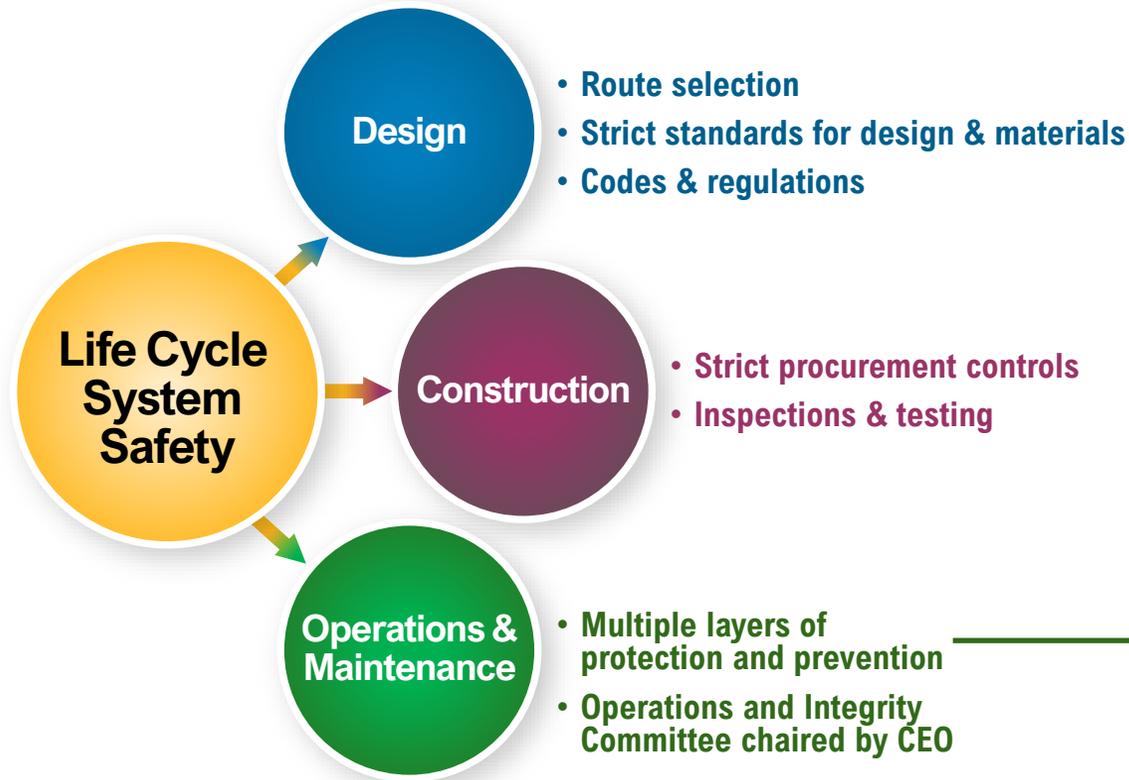
Protecting the Environment

<p>Water</p>		<p>Reducing our water use</p> <ul style="list-style-type: none"> • Maintaining water quality through stringent operating practices 	<p>99% of water used in hydrostatic testing safely returned to its natural environment</p>
<p>Land</p>		<p>Limiting our footprint</p> <ul style="list-style-type: none"> • Actively managing potential effects on communities and environment 	<p>Wetland enhancement project will see Williams Lake First Nation plant and maintain native species of trees and shrubs in 2021</p>
<p>Bio-Diversity</p>		<p>Minimizing our impact</p> <ul style="list-style-type: none"> • Develop species-specific identification and avoidance plans 	<p>Restoring legacy roads along B.C. Pipeline corridor that will result in 7.08 ha of caribou habitat restoration</p>
<p>People</p>		<p>Keeping communities safe</p> <ul style="list-style-type: none"> • Partner with first responders to ensure effective incident response 	<p>More than 186 emergency response drills in 2020 to hone skills and capabilities</p>

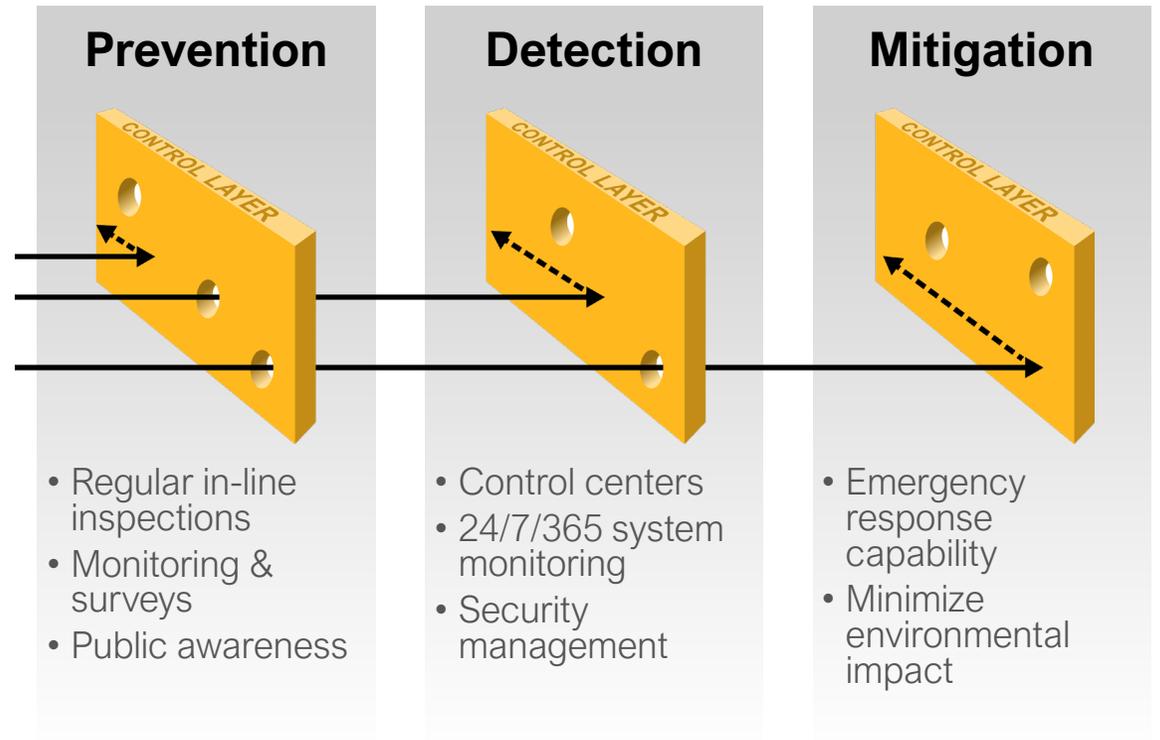
Our projects and operations are designed to reduce impact on the environment

System Safety and Integrity

Comprehensive Approach to Safety and Environmental Protection



System Safety During Operations

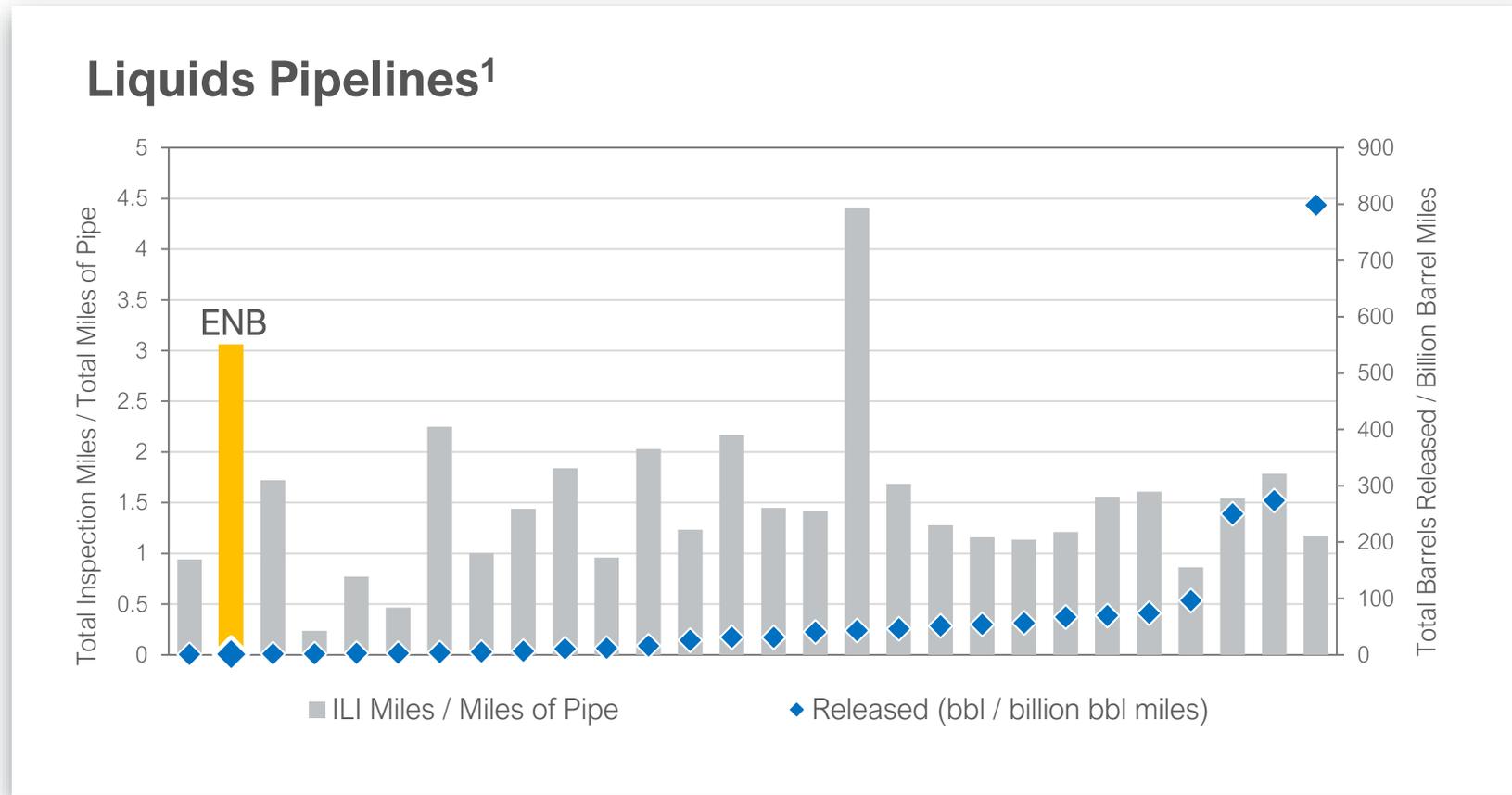


Best practices and continuous improvement embedded throughout the asset life cycle



Safety in Action: Pipeline Inspections

- Invested **\$6B** in the fitness of our systems since 2017:
 - **~135,000** Pipeline inspections
 - **~1,600** In-line inspections (ILI)
 - **~8,000** Integrity digs
- An industry leader in integrity verification and minimizing leak volume from 2017-2019
- Safely delivered **~3,772,000,000 barrels** with <1000 barrels released



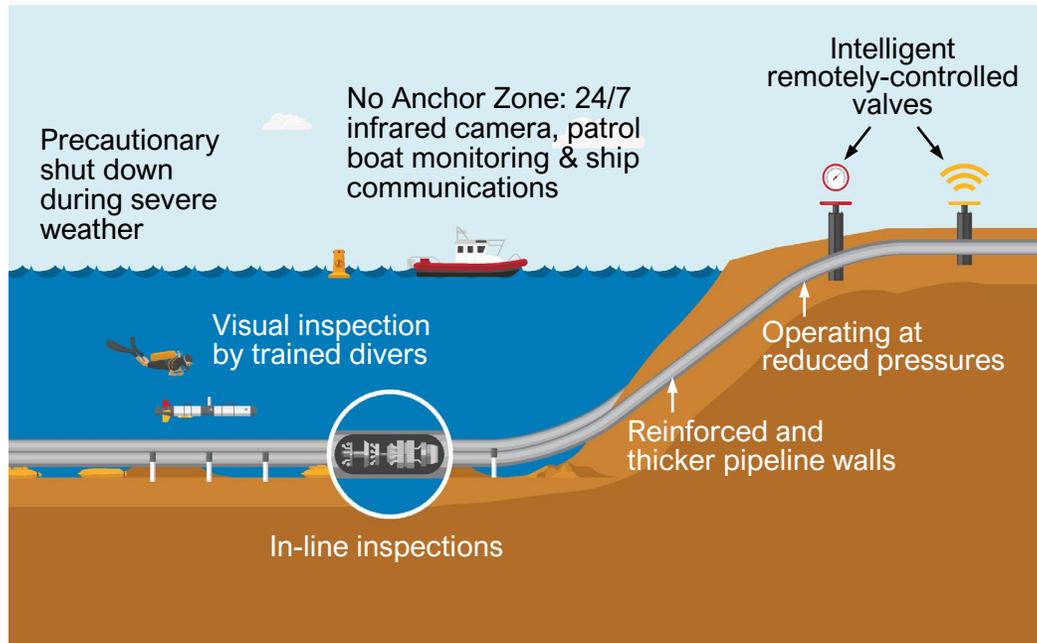
Long-track record of robust pipeline inspection and integrity programs

(1) US Pipelines from 2017 to 2019, Source: U.S. Department of Transportation, PHMSA

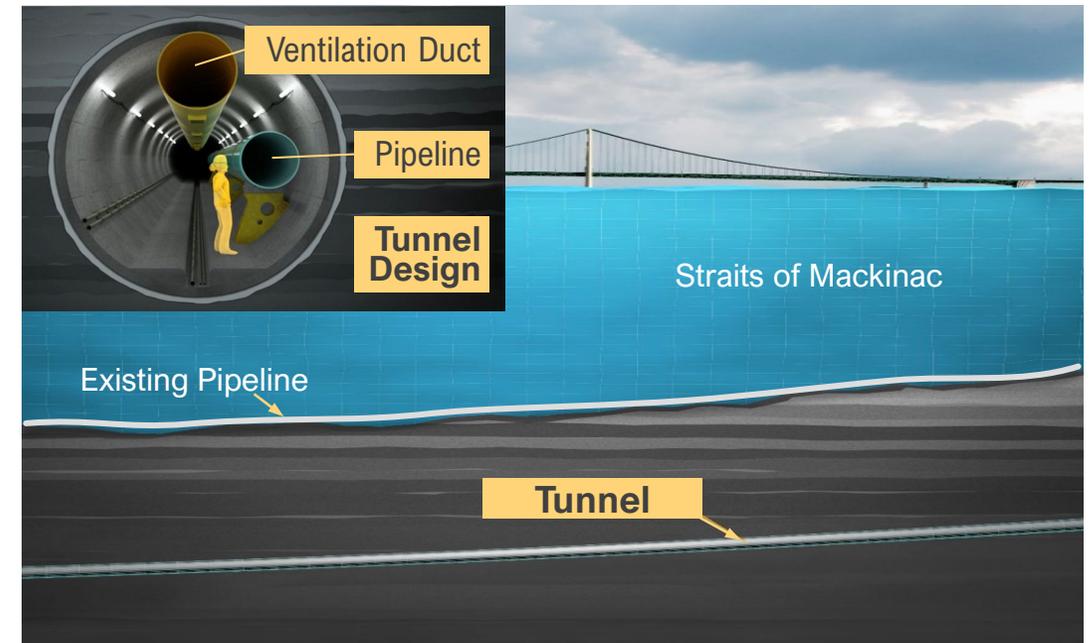


Safety in Action: Line 5 & Great Lakes Tunnel

Environmental Protections Exceed Pipeline Safety Standards



Committed to Great Lakes Tunnel Making System Even Safer



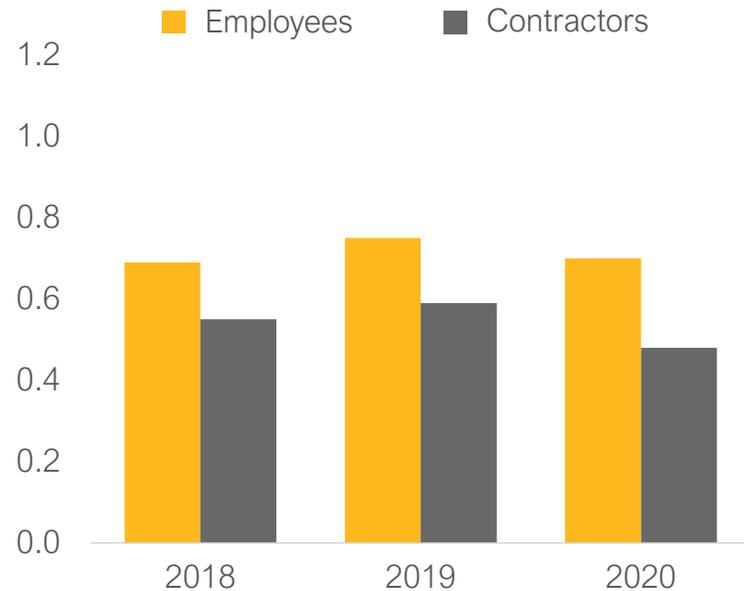
World-class environmental protections across our systems



Safety in Action – Record

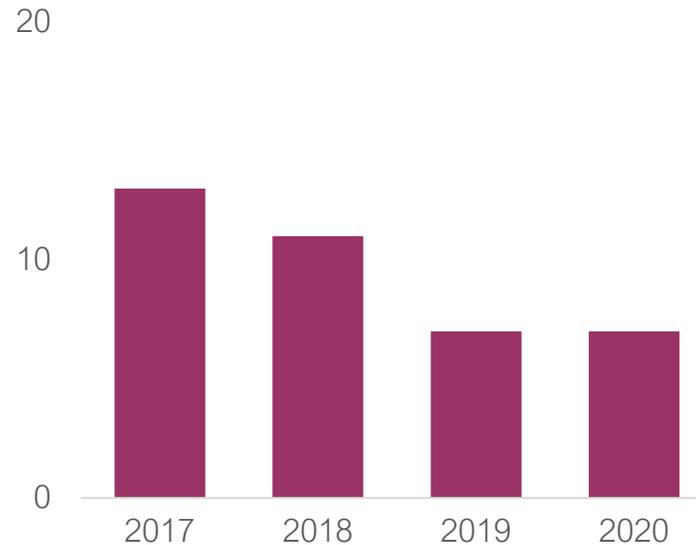
Total Recordable Incident Frequency

(per 200,000 hours worked)

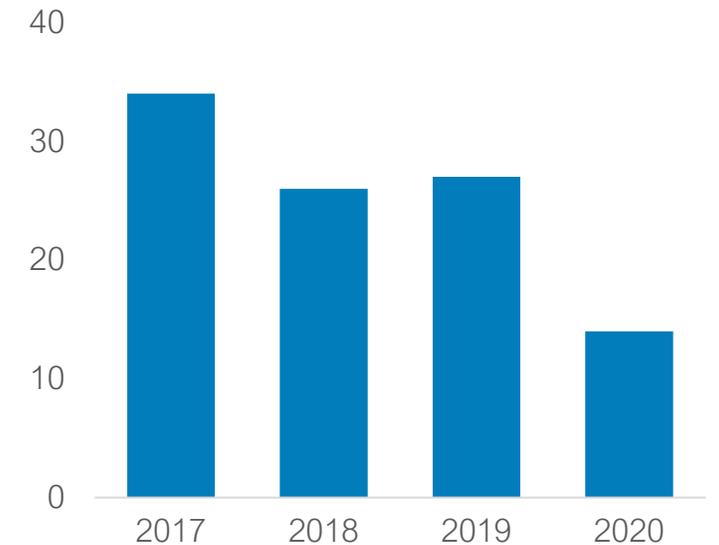


Pipeline System Safety Events¹

Liquids Pipelines



Natural Gas Pipelines



Our relentless focus on zero drives strong performance and continuous improvement

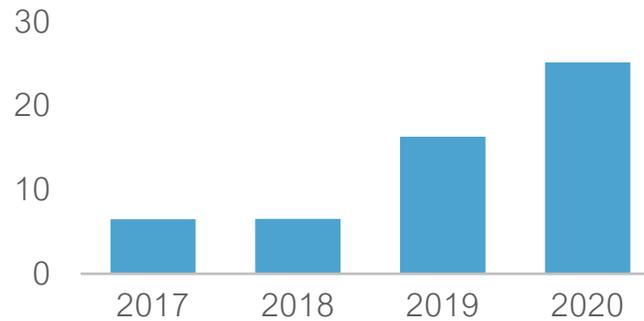
(1) A system safety event involves the actual, imminent, or likely loss of primary containment of commodities that can result in health, safety, and environmental consequences to be inclusive of both facility and pipeline systems.



Gas Transmission Integrity Program

- Accelerated integrity programs to ensure system-wide pipeline fitness
- Applied skills from Liquids Pipelines to Gas Transmission
- Employing advanced in-line inspection technology
- Over 20,000kms of pipe inspected and >1200 digs performed in 2020

Kilometers of Pipe Inspected
(Thousands)



Anomaly Digs



Relentless focus on ensuring Gas Transmission assets have industry-leading integrity performance

Modernizing Our Systems

Modernization Program
\$0.5-1B
 Annually through 2024+



- Replacement of older, less efficient compressors on gas transmission systems
- Expected to reduce GHG emissions by 25% at replaced compressors

Line 3 Replacement
\$9B
 Canada & US¹



- Replacement of 990 miles of aging infrastructure improves efficiency, throughput, and safety
- Reduces disruption to environment by averting ~26,000 integrity digs over 15 years

Utilities Maintenance and Growth
\$1-1.5B
 Annually



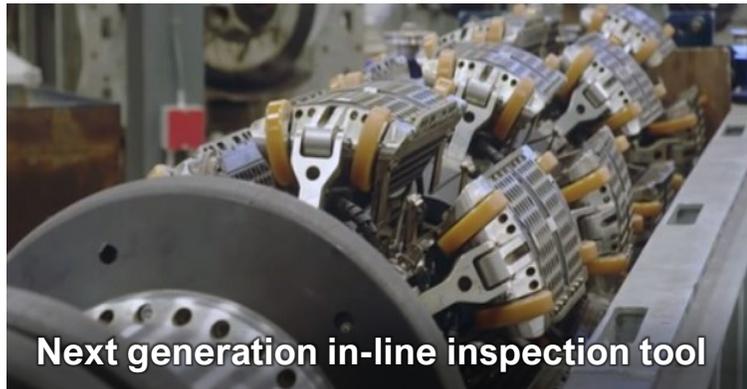
- Replaced 100% of cast iron pipeline and mains over the past 30 years
- Annual maintenance reinforcement program ensuring system built for the future

Modernizing our assets to meet energy needs in the most sustainable way

(1) Total estimated spend in source currency for Canadian and U.S. portion of Line 3 Replacement project

Driving Industry Innovation

Developing New Inspection Tools to Meet our Standards



Next generation in-line inspection tool

- Partnered with NDT Global to develop next-generation crack inspection tool
- Leveraging advanced proton measurement technologies to identify features previously undetectable

Leveraging Technology to Enhance our Capabilities



Technology & Innovation Lab

- Using machine learning for terminal optimization
- Aerial imaging to select access to repair locations thus minimizing footprint

Partnered with Industry to Share Expertise



- Working with industry to develop, trial, and employ new technologies
- In 2019, participated in >130 R&D and innovation projects

We're advancing technology and partnering with industry to improve safety performance

Methane Emission Abatement

Approach

- Goal to exceed federal and state requirements with inspections and reporting
- Plan and execute work to reduce emissions

Reducing Methane

- Through design, construction, and operations
- Reduced by ~150,000 tonnes CO₂e since 2018 (~10%)
- Committed to <1% intensity or lower; 2020 methane intensity = 0.1%

Working with Partners

- Detection, measurement, quantification, verification, and reporting
- Increase gas capture and reinjection opportunities

- Piloting recompression technology to avoid venting at compressor stations and segments of the pipeline
- Retrofit existing stations and modify design of new compressor stations to include this type of GHG-saving device



Low-Carbon Innovation



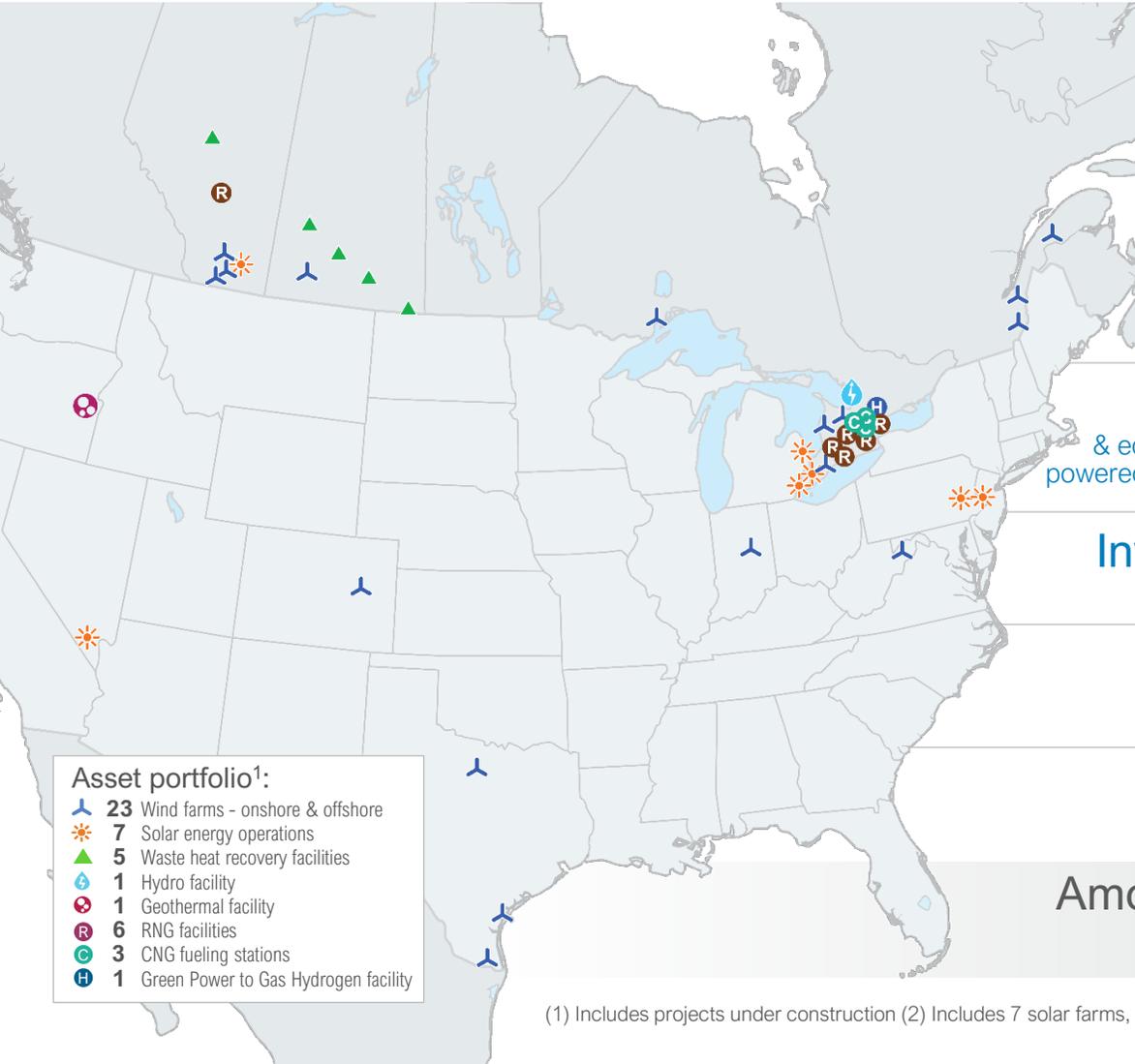
Matthew Akman
SVP Strategy, Renewables & New Energies

Malini Giridhar
VP Business Development & Regulatory, GDS



Our Low-Carbon Portfolio Today

~2 million
tonnes of CO₂e
emissions avoided
annually



Capacity
& equivalent homes
powered by renewables

Investment
since 2002

Projects

Wind	Solar & Other	RNG/H ₂
<ul style="list-style-type: none"> 4.9 GW (1.9 GW net) >900,000 homes 	<ul style="list-style-type: none"> 260 MW (154 MW net) >40,000 homes 	<ul style="list-style-type: none"> RNG: 1,400 GJ (Q1 2023) H2: 283,000kg
\$6.8 billion	\$0.6 billion	\$0.1 billion
<ul style="list-style-type: none"> 20 operating 3 in construction 	<ul style="list-style-type: none"> 14 operating² 4 in construction 	<ul style="list-style-type: none"> 4 operating 5 in construction

- Asset portfolio¹:**
- 23 Wind farms - onshore & offshore
 - 7 Solar energy operations
 - 5 Waste heat recovery facilities
 - 1 Hydro facility
 - 1 Geothermal facility
 - 6 RNG facilities
 - 3 CNG fueling stations
 - 1 Green Power to Gas Hydrogen facility

Among North America's largest low-carbon energy delivery companies

Aligned to UN SDG:



(1) Includes projects under construction (2) Includes 7 solar farms, 5 waste heat recovery facilities and a hydro and geothermal facility

Deep Wind & Solar Expertise



- Resource assessment
- Permitting/regulatory
- Local partnerships



- Supply chain relationships
- Major projects expertise
- Technical expertise



- JV partner & self-operations
- N. America focused team
- Operational role over 2.2 GW (1.1 GW net)

Core Partnerships



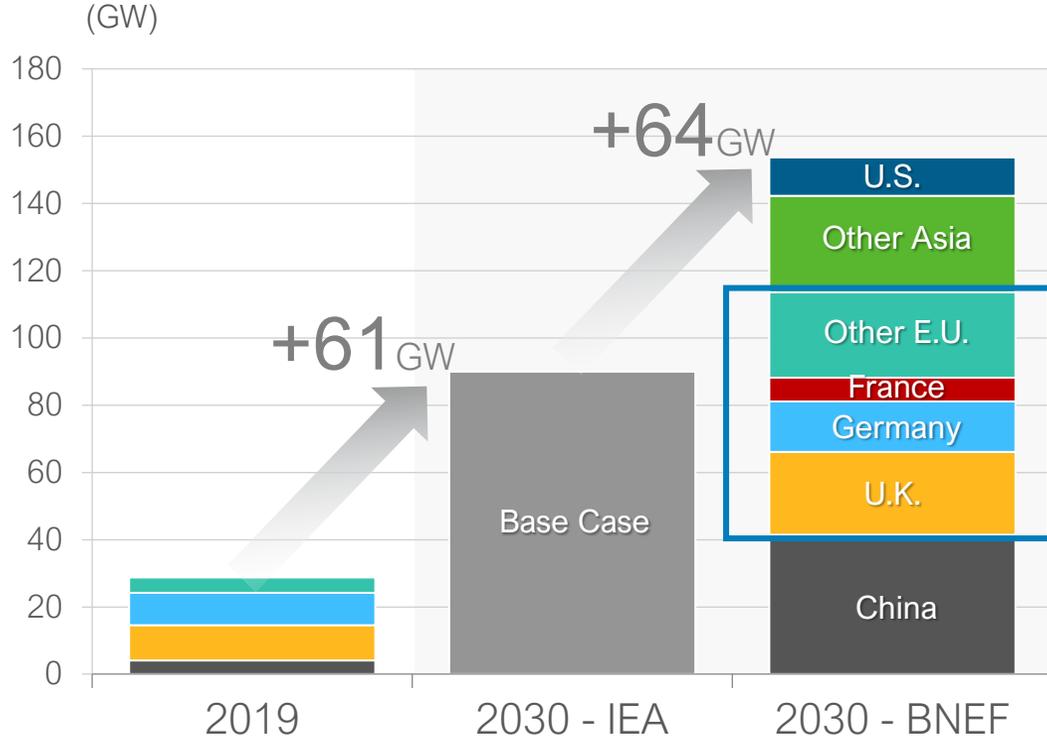
“Offshore wind power, as we have seen, illustrated and understood, is an ecological asset as well as a powerful factor in the reindustrialization of our country.”

Jean Castex
Prime Minister, France

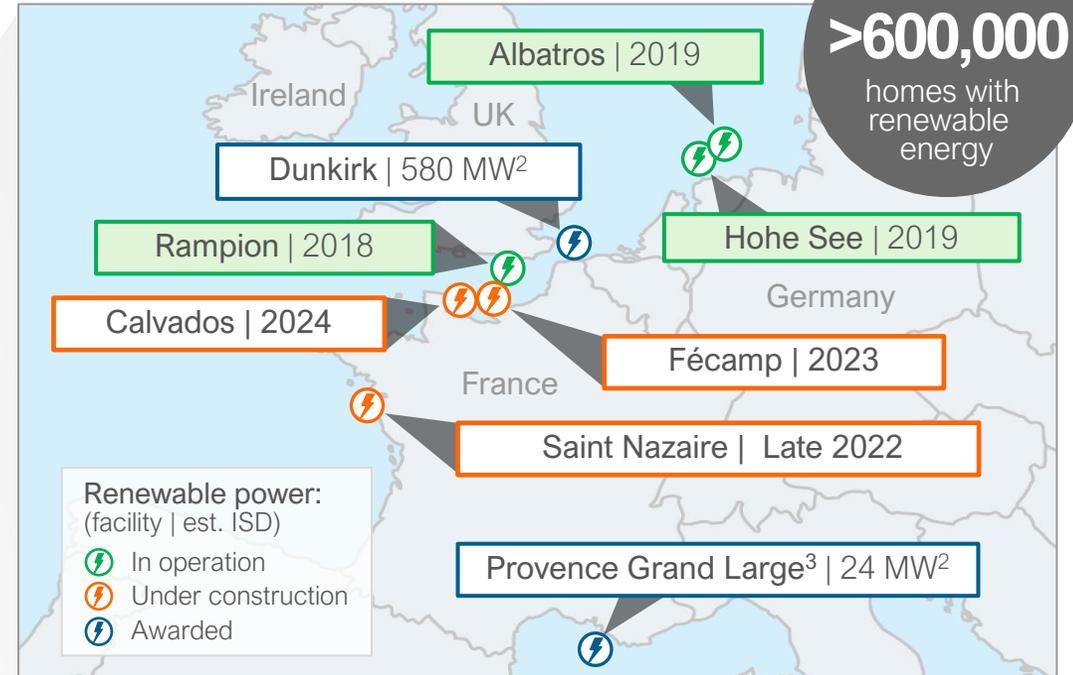
Combining in-house expertise with local know-how and world-class partners

Growing Offshore Wind Portfolio

Global OSW¹ Installed Capacity Forecast (GW)



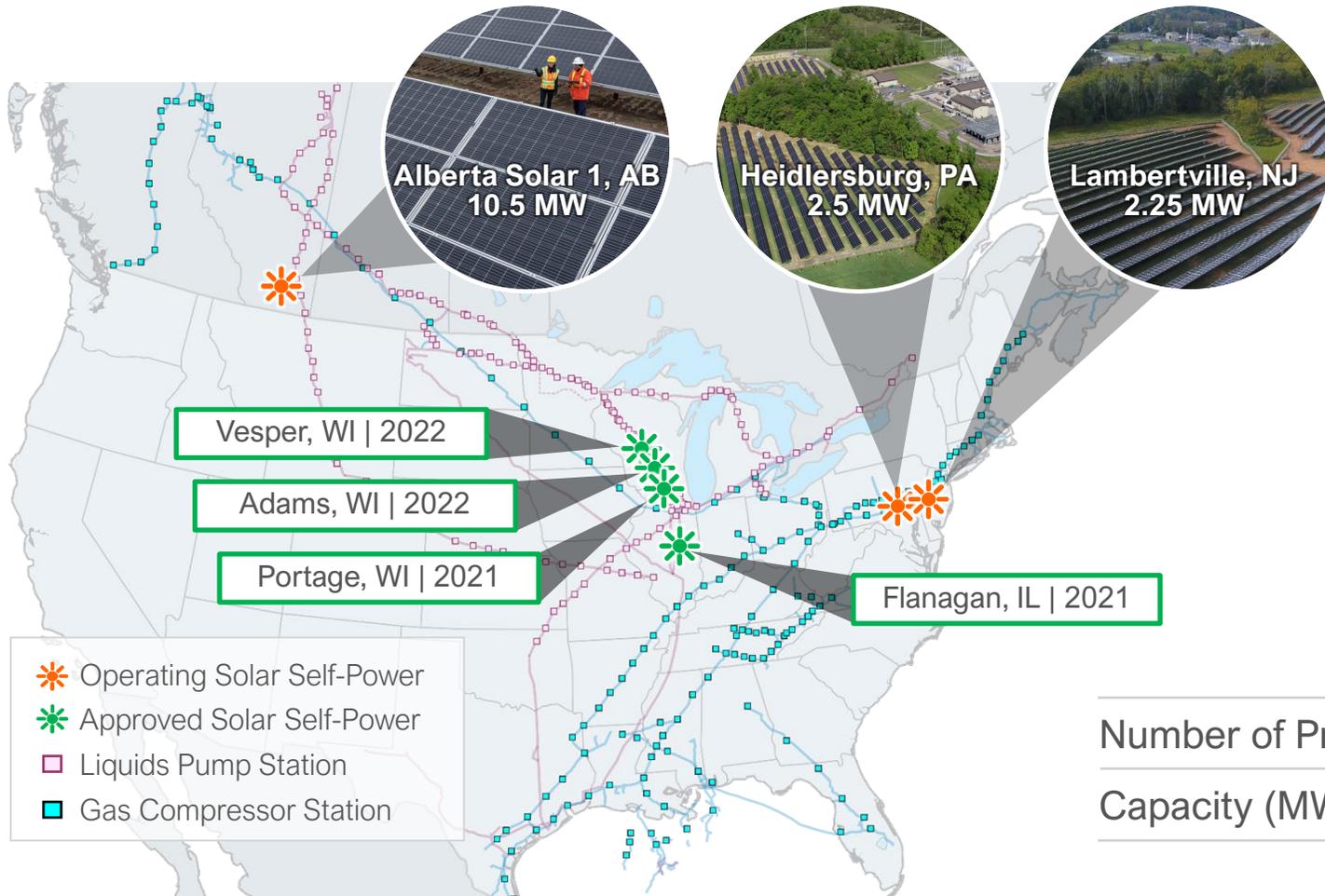
European Growth Focus



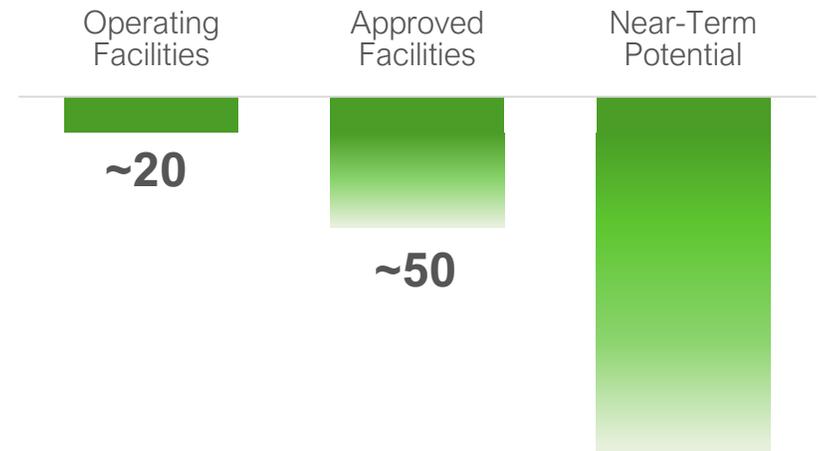
- 3 French projects in construction (1.4 GW/0.4 GW net)
- Advancing 3.1 GW (0.7 GW net) in development, including ~0.6 GW from awarded projects
- Advancing floating offshore wind technology

Our European offshore wind growth could support more than 3000 job opportunities

Powering Our Assets With Solar



Emissions Reduction Potential (Year 1 ktCO₂e reduction)



	Operating Facilities	Approved Facilities	Near-Term Potential
Number of Projects	3	4	10-15
Capacity (MW)	15	40	+++

Leveraging our renewable capability to reduce system emissions and lower power costs

Low-Carbon Energy Innovation

RNG

Low-cost RNG injected into pipeline to decarbonize gas supply

The diagram shows a cycle where CO₂ and methane are collected from a farm (with a barn and windmill) and a landfill (with a tractor and excavator). These are cleaned up and then injected into a pipeline network that leads to residential customer use.

Hydrogen

Green H₂ produced from renewables and blended into natural gas decarbonizes the gas grid

Blue H₂ offers carbon reduction opportunities in a range of hard to abate areas of the economy

The diagram illustrates a four-step process: 1. Renewable Power (represented by a power line), 2. Electrolyzer (producing oxygen), 3. Hydrogen Storage Tank, and 4. Natural Gas Distribution System.

Carbon Capture

Carbon capture offers customers a full value chain emissions reduction solution

The diagram shows CO₂ capture from large-scale emitters like refineries. The captured CO₂ is transported via pipeline to intermediate storage and then to a final storage site where it is permanently isolated from the atmosphere.

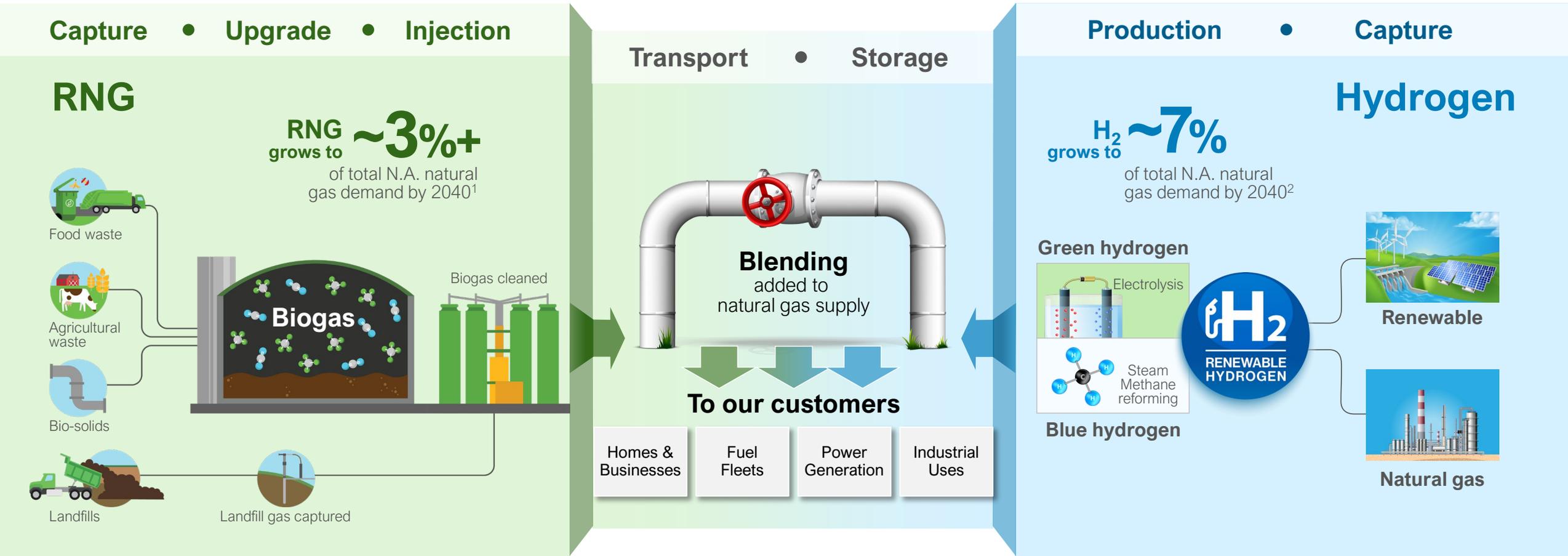
ENB's Competitive Advantage

- Existing asset footprint
- Strong customer & Indigenous relationships
- Transportation & storage capability
- Major project execution
- ESG leadership
- Strategic technology and industry partnerships
- Financial strength

New energies employ existing infrastructure and supports meaningful long-term growth



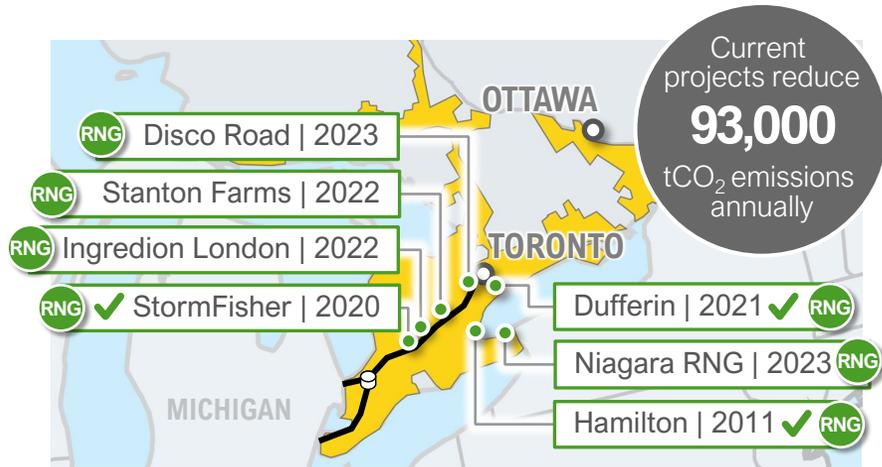
Investing Across RNG & H₂ Value Chain



Building on our existing systems and capabilities to deliver affordable & reliable low-carbon natural gas solutions

Building on RNG Capabilities

Expanding Utility Portfolio



- In franchise development
- Digestion to injection facilities
- 10-15 projects in development

Strategic Partnerships



Canada gas Utilities targeting **10%** RNG use by 2030¹

Canada

- Partnered with Walker Industries & Comcor Technologies
- Existing relationships with ~40 landfills across Canada
- Wellfield to injection facilities



Sufficient energy to power **13,000** homes

United States

- Partnered with Vanguard Renewables
- Development of 8 facilities initially; capable of producing ~ 2 Bcf/year
- Upgrading and transportation

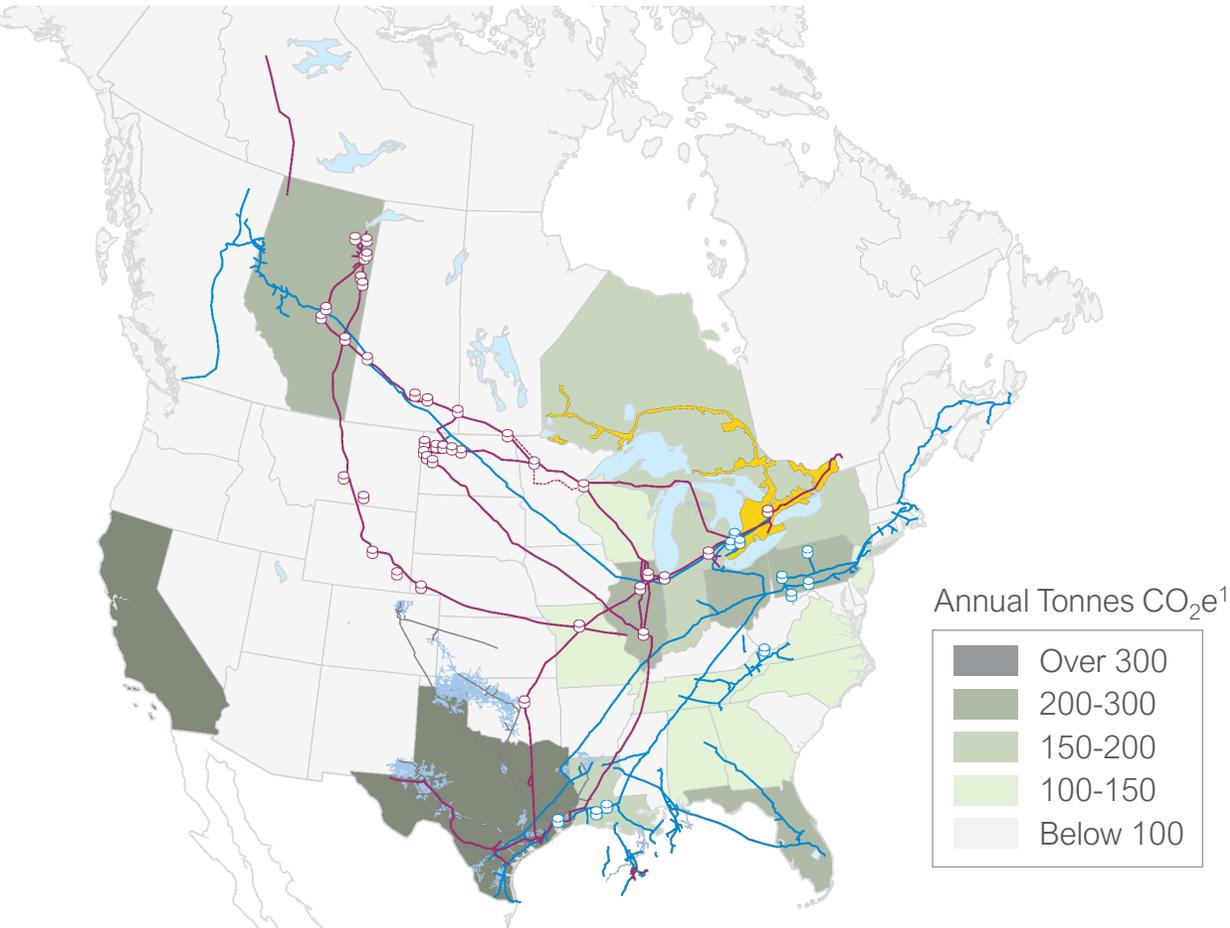
Utilize existing infrastructure to lower emissions and maintain affordable energy supply

Early Investment in Hydrogen

<p>2018</p>	<p>Power-to-Gas Pilot Project with Hydrogenics</p>		<ul style="list-style-type: none"> • First N. American utility scale Power-to-Gas facility (2MW) • Provides electrical grid balancing and energy storage • 280,000+ kg of H₂ produced since inception
<p>2021</p>	<p>Markham, Ontario Blending Pilot Project</p>		<ul style="list-style-type: none"> • N. America's first H₂ / Natural gas blending facility • Blend up to 2% H₂ for 3,600 customers by Q4 2021 • 97-120 tCO₂e annual emissions avoidance potential
<p>2025</p>	<p>Gatineau, Quebec Blending Pilot Project</p>		<ul style="list-style-type: none"> • Blend up to 5% H₂ for ~43,000 customers by 2030 • 20 MW electrolyzer plant (Evologen), 15 km dedicated pipeline and injection station (Enbridge) • 15,000 tCO₂e annual emissions avoidance potential

Proving out technology and scaling up capability in a disciplined manner

Next Frontier - Carbon Capture



Capabilities

- ✓ Large pipeline & storage infrastructure base
- ✓ World-class project execution
- ✓ Strong customer & Indigenous relationships
- ✓ Financial strength & capacity
- ✓ ESG leadership

Svante Partnership

- Applicable to a range of industrial processes to capture emissions
- Captures CO₂ in <60 seconds compared with hours for other technologies

Potential to reduce capital costs by **50%** with Svante

Our footprint and capabilities position Enbridge as a partner of choice

(1) Based on emissions data from the U.S. Energy Information Administration (EIA) and the Government of Canada for 2018

ESG Forum



Break

10 minutes

Stakeholder & Indigenous Engagement



Pete Sheffield
Chief Sustainability Officer





Lifecycle Engagement Approach



Committed to building respectful and mutually beneficial relationships

Engagement plans in place for Canadian and U.S. regions

Continuous improvement informed by input from stakeholders

Aligned to UN SDG:



Indigenous Inclusion

Understand the history and culture



- Improve our understanding of Indigenous history, traditions, rights and culture through employee training

Recognize legal and constitutional rights



- Recognize and respect the distinct rights and diversity of Indigenous peoples

Recognize importance of the UNDRIP



- Support the commitments made by the Canadian and U.S. governments to protect the rights of Indigenous peoples

Engage in forthright and sincere consultations



- Pursue sustainable, mutually beneficial relationships

Extend project benefits to communities



- Increase economic participation through employment, training and supply chain



Engagement with
300+
Indigenous Nations & Groups in Canada



Engagement with
>40
Federally Recognized Indigenous Tribes in the U.S.



100%
of all employees to complete
Indigenous awareness training by end of 2022



3.5%
Representation within our workforce of **Indigenous people** by end of 2022

By living our values, we can advance Indigenous reconciliation, strengthen local communities, and build bridges to a more inclusive and prosperous future

s Line 3R Project – Working in Partnership

 **Canada**
(completed 2019)

 **U.S.**
(under construction)

Indigenous Participation	1,100+ workers (20% of overall workforce)	761 workers (7% of overall workforce)
	\$480MM spent	US\$304MM spent ¹
	Cultural surveys completed during development >300 route modifications in the U.S. Independent Indigenous Construction Monitoring First of its kind Tribal Cultural Resource Survey in Minnesota	
Agreement with Communities	58 voluntary agreements with 95 Indigenous communities	Agreements formed with the Tribes whose Reservation is crossed by existing Line 3



Matt Gordon
VP, Gordon Construction
White Earth Reservation MN

(1) As at July 31, 2021



Enriching Lives Across Our Footprint

Community Engagement



>2,200

Organizations supported by initiatives providing societal & business value

Employment



>12,000

People employed by Enbridge driving \$1.2B in annual wages

Goods & Services Purchased



~10,000

Businesses supported by our \$8 billion in supply chain purchases

Taxes Paid



\$3B

Delivering benefits to local economies and government programs through tax payments

In 2020, Enbridge contributed to and stimulated local economic growth where we operate

Energized & Diverse Talent



Melissa Harper
Chief Human Resources & Inclusion Officer



Our Core Values



Our core values are our foundation

- Define how we work together and make decisions
- Guide our communities and stakeholder engagement

Inclusion is a core value

- Reflects its importance to our business and community
- Supports stronger employee engagement
- Drives innovation and improves decision making

Integrity, Safety, Respect and Inclusion are integrated into every aspect of how we do business

Values in Action – Covid-19 Response



Workforce safety:

- Daily Health Assessment;
- Face coverings, distancing, cleaning procedures
- Staggered return to workplace

Work prioritization:

- Travel restrictions
- Deferring non-priority work

Mental health:

- Lead with flexibility, compassion and trust
- Mental health awareness programs
- Employee Family Assistance Program

Provided relief funding to
>150
Indigenous and Tribal Groups

Donated
~\$7 million
to enhance community Health & safety

Donated
Safety Equipment
to health professionals

Empowered leaders to focus on their teams, offering flexibility while driving business results during the pandemic

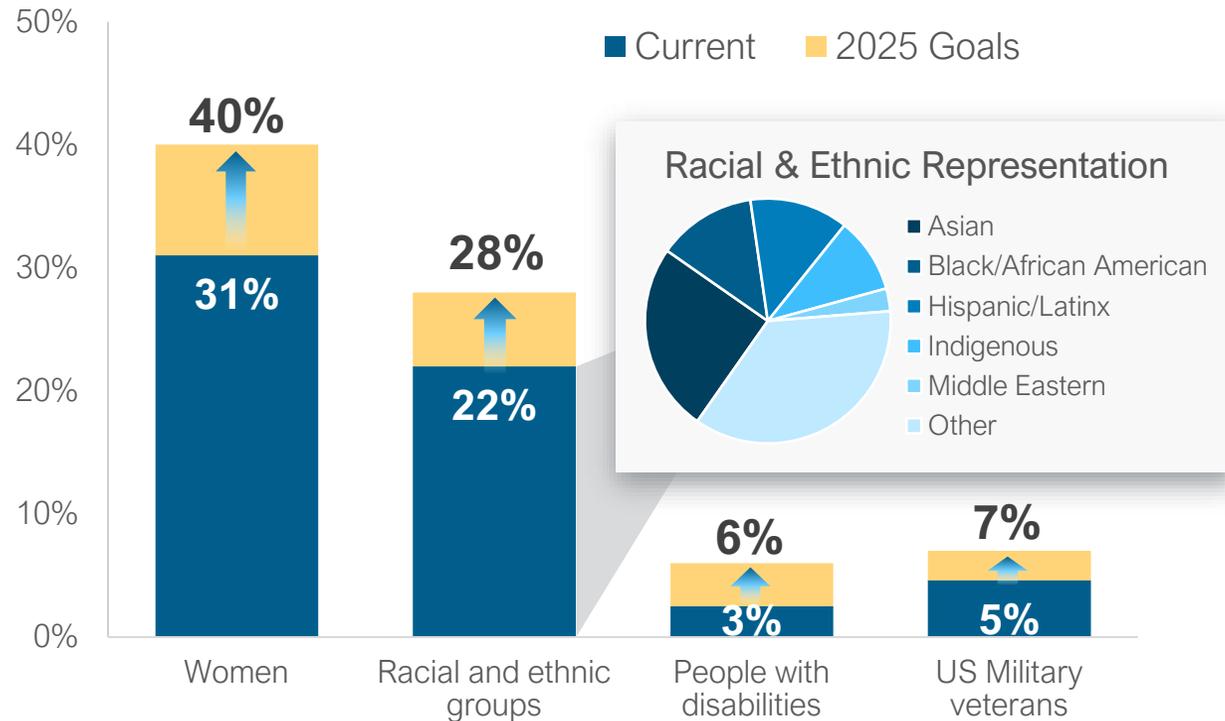
Aligned to UN SDG:



Diversity, Equity & Inclusion

Ambitious Workforce Representation Goals¹

Representation as at June 30, 2021



Pathways to Achieve Goals

- Engage & Empower Employees**
 Educate and equip people to connect on a personal level, to amplify others, and to consciously include
- Embed Equity**
 Embed policies, programs, and pay-equity practices that are fair for all and reinforce respect
- Elevate Diverse Talent**
 Seek, develop, and retain people with diverse backgrounds and perspectives at all levels

We are better together; We reflect our communities and create connection across differences

(1) All percentages or specific goals regarding inclusion, diversity, equity and accessibility are aspirational goals, which we intend to achieve in a manner compliant with state, local, provincial and federal law, including, but not limited to, U.S. federal regulations and Equal Employment Opportunity Commission, Department of Labor and Office of Federal Contract Programs guidance.



Putting our Diversity Plans in Action

Engage & Empower Employees



Creating space for real conversations through leadership and employee led conversations

>100 focus groups since fall 2020, reaching **>1,000 employees**

Embed Equity



Enhanced recruitment practices to improve visibility to diverse talent pools

Achieve **100% completion** rate of the **unconscious bias and anti-racism training** in 2021

Elevate Diverse Talent



Diversity dashboard provides a snapshot of enterprise-wide employee representation

Enterprise-wide access to transparent **D&I dashboard**

Empowering employees, building a diverse and inclusive workplace, and attracting and retaining talent

Extending Our Commitments to Suppliers



- Increasing procurement from **diverse** suppliers
- Tracking **Tier 1** (direct suppliers) and **Tier 2** (subcontract, supplier's supplier) diverse dollars
- In **6 months**, over **50** key suppliers are reporting, demonstrating support and engagement
- Spent **\$335 MM** with **124 certified diverse** suppliers in 2020

Our suppliers uphold our core values and adhere to our supplier code of conduct

s Our Path Forward

Measurement

- Diversity, Equity & Inclusion goals



Transparency

- Enterprise-wide dashboard
- Sustainability Report



Accountability

- Embedded in compensation

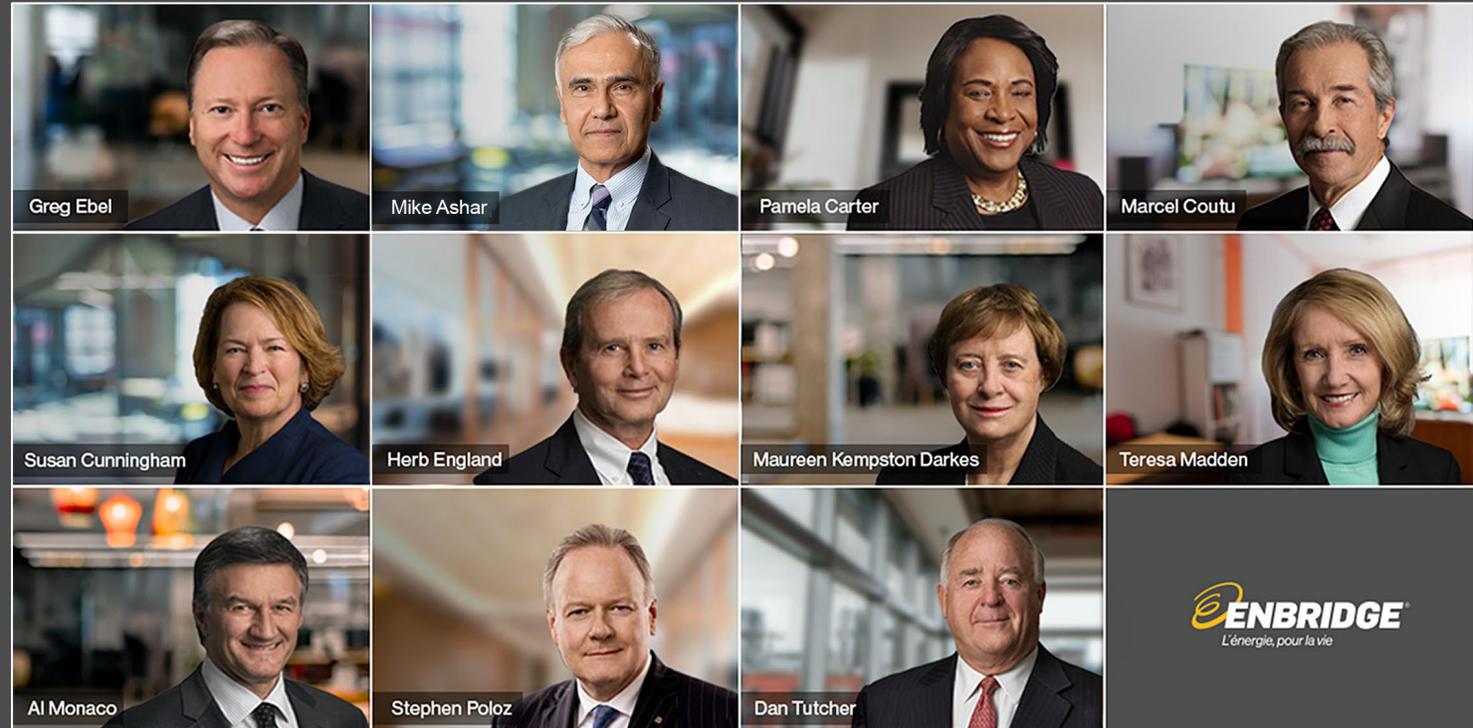


Leading North American Employer



Committed to sustaining our leadership by achieving our diversity, equity, and inclusion goals

Strong Governance



Enbridge Board of Directors

Karen Uehara
VP & Corporate Secretary



Our Approach

Board Governance Principles

Accountability	Strong Committee oversight and risk management practices
Independence	10 of 11 independent directors, including Board Chair; Separate Chair and CEO
Diversity	Diversity of thought, experience, perspectives and skills
Transparency	Robust financial and sustainability reporting aligned with SASB, GRI & TCFD

Our ESG Goals

- **40%** women and **20%** ethnic and racial groups on Board by 2025
- Sustain **leading** ESG reporting standards
- Advance effective **cyber defense** programs
- ESG performance tied to enterprise-wide **compensation**

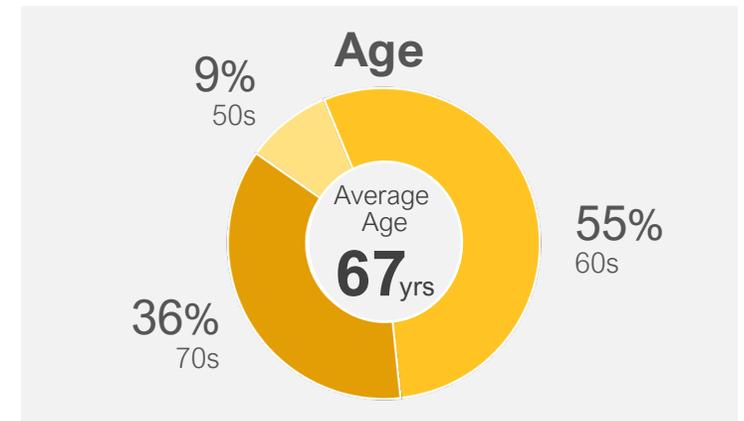
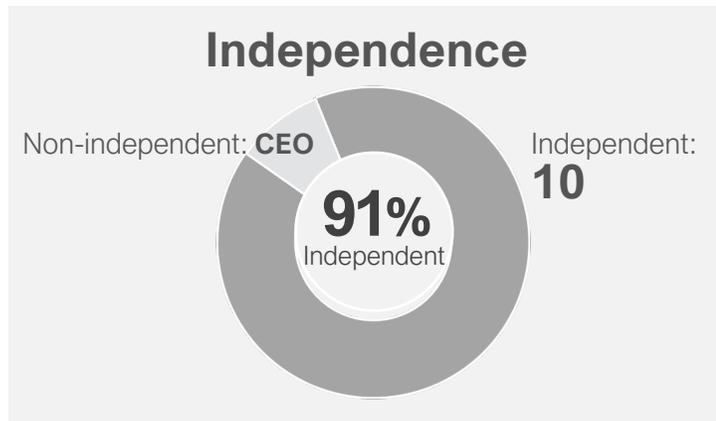
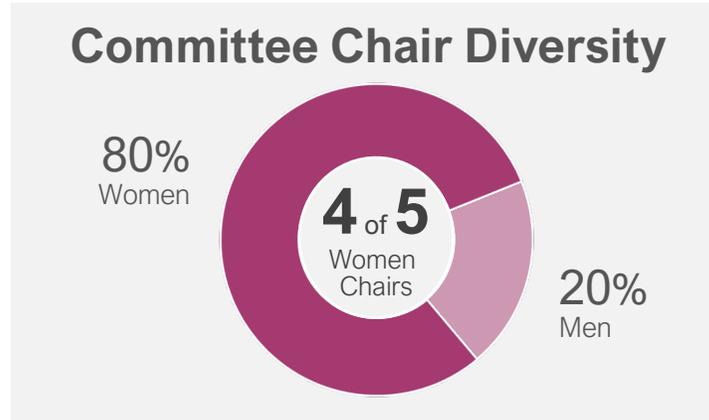
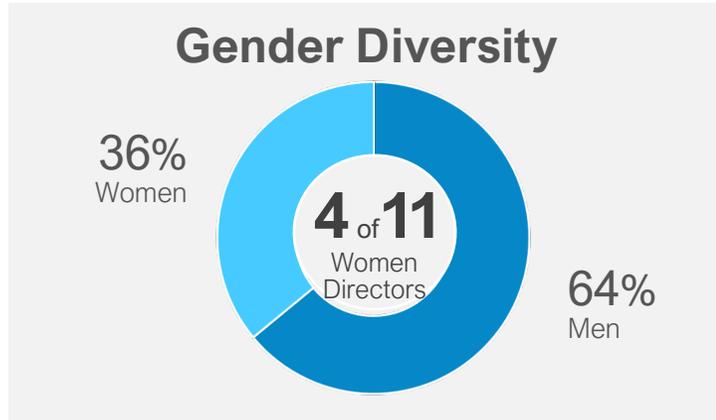
Strong governance mindset defines the core values and culture of an organization

Aligned to UN SDG:





Diverse and Independent Board¹



Our Board composition reflects our governance principles and diversity goals

(1) Board profile as at July 29, 2021

Comprehensive ESG Oversight

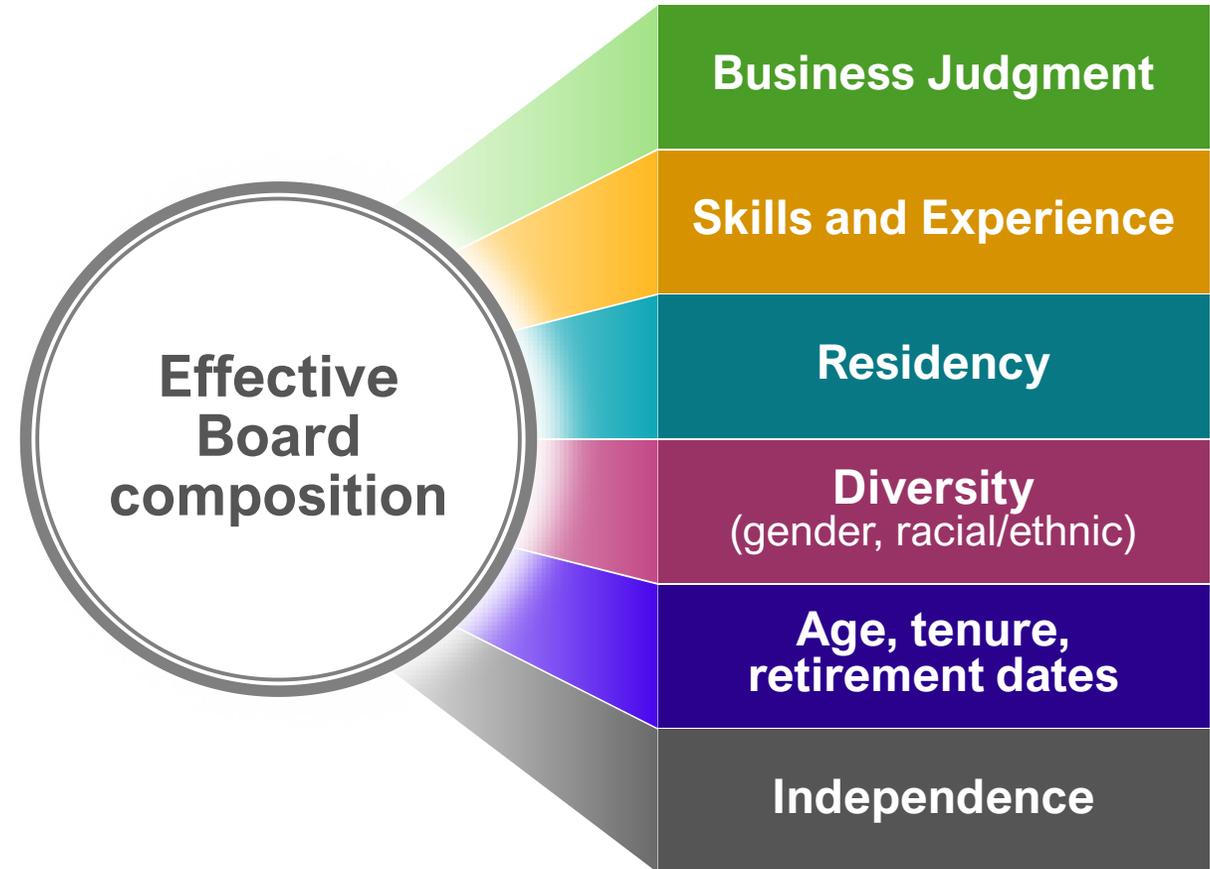
Board of Directors

	Corporate Social Responsibility Committee	Human Resources & Compensation Committee	Audit, Finance & Risk Committee	Safety & Reliability Committee	Governance Committee
E	<ul style="list-style-type: none"> ✓ Climate risk ✓ Emissions goals 			<ul style="list-style-type: none"> ✓ Asset integrity ✓ Incident response 	
S	<ul style="list-style-type: none"> ✓ Indigenous inclusion ✓ Stakeholder engagement 	<ul style="list-style-type: none"> ✓ Workforce engagement ✓ Diversity & Inclusion 	Annual corporate risk assessment & financial reporting	<ul style="list-style-type: none"> ✓ Safety culture 	<ul style="list-style-type: none"> ✓ Board Diversity & Inclusion
G	<ul style="list-style-type: none"> ✓ ESG reporting 	<ul style="list-style-type: none"> ✓ Compensation & management succession 		<ul style="list-style-type: none"> ✓ Security (physical data and cyber security) 	<ul style="list-style-type: none"> ✓ Board governance & succession ✓ Director performance ✓ Statement on Business Conduct
Annual Strategic Plan Development					

ESG accountabilities designated across all Board Committees

Board Succession Planning

- Annual Board skills matrix review
- Maintains inventory of potential director candidates and engage 3rd party search firms as necessary
- Board and Committee composition included in annual Board, Committee, and Director evaluations



Refreshment and succession planning processes – maintain a range of perspectives, expertise and experience

G Risk Management Approach



Safety & Operations

(e.g. integrity, emergency response plans)



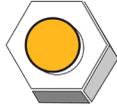
Security

(e.g. physical, cybersecurity, 24/7/365)



Financial

(e.g. commercial, credit, market)



Climate & Environmental

(e.g. policy, regulations, physical)



Stakeholder & Indigenous

(e.g. local engagement and alignment)



People & Compensation

(e.g. succession planning and retention)

Annual Corporate Risk Assessment

- Bottom-up review of enterprise-wide risks
- Assess potential impact of each risk
- Develops continuous management and mitigation plans
- Informs multi-year operations, integrity and maintenance plans
- Tied to performance management plans
- Reviewed annually by Board and respective Committees, with semi-annual updates

Proactively anticipate and mitigate risks to the environment, our stakeholders and our operations

Risk Management in Action - Cybersecurity



Monitoring all systems
24x7x365
to ensure safe operations

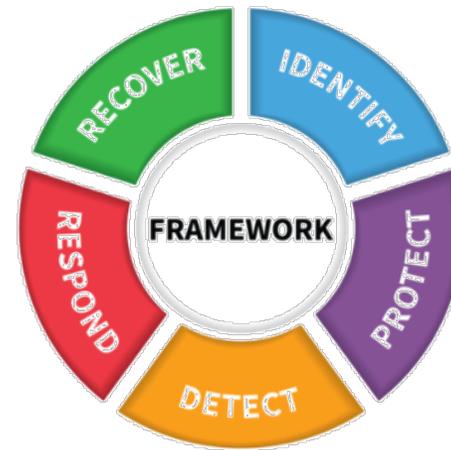
Enbridge Cybersecurity Operation Centre

Technology	Modern and next generation security controls
Validation	Continuous assessment of our cybersecurity standards and performance of regular tests
People	Dedicated team of cybersecurity experts who complete annual certification and training

Applying World-Class Capabilities

Applying NIST¹ Framework

Working With Industry



- Continuous systems testing and monitoring of new threats
- Annual external security assessment and “hacking” exercises
- Compliant with U.S. TSA mandatory cybersecurity directive

As an operator of critical energy infrastructure, cybersecurity is a key priority for Enbridge

1. National Institute of Standards and Technology

Transparent ESG Reporting & Disclosure

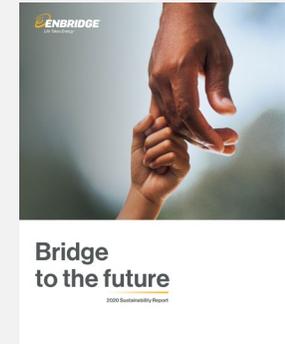
Reporting History and Approach

- **20 years** of Annual Sustainability Reports
- Follow **GRI** and **SASB** standards
- Aligned with **UN Sustainable Development Goals**
- Issued inaugural **Climate Change Resilience Report**¹ in 2019 aligned with **TCFD** framework

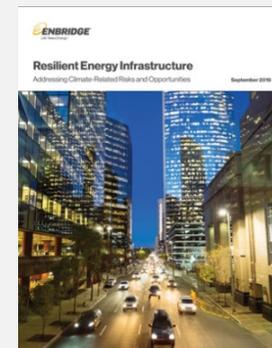
Management Information Circular



Annual Sustainability Report



Climate Change Resilience Report



Indigenous Engagement Discussion Paper



(1) Information now embedded in the annual Sustainability Report

Q&A

Closing Remarks



Al Monaco
President & Chief Executive Officer

Committed to Continued ESG Leadership

- ✔ Safe and reliable operations
- ✔ World class environmental protections
- ✔ Alignment with stakeholder objectives
- ✔ Assets well-positioned for energy transition
- ✔ Disciplined low carbon investment

Our ESG Goals

Net
zero
emissions
by 2050



Reduce emissions
intensity
35%
by 2030



Continuous improvement
towards a goal of
zero
incidents



Representation
on the Board of



40% women and
20% racial and
ethnic groups
by 2025

3.5%



representation
within our workforce of
Indigenous people
by 2025

28%



racial and ethnic
representation
in our workforce by 2025

A comprehensive approach to protecting the environment, communities and our workforce

For More Information

Sustainability and Emissions

- [Sustainability at Enbridge](#)
- [Enbridge 2020 Sustainability Report](#)
- [Net Zero by 2050](#)
- [Economic Benefits by State and Province](#)
- [Safety at Enbridge](#)

Low Carbon and Innovation

- [Renewable Energy](#)
- [Alberta Solar One](#)
- [Walker Comcor RNG Partnership](#)
- [Gazifère's Hydrogen Injection Project](#)
- [Advanced In-line Inspection tool](#)

For More Information

Diversity & Inclusion and Indigenous Engagement

- [Diversity & Inclusion at Enbridge](#)
- [Line 3 Tribal Engagement](#)
- [Line 3 Cultural Resource Survey](#)
- [Tribal Monitoring](#)

Projects and Acquisitions

- [Line 3 Replacement](#)
- [Line 5](#)
- [Moda Midstream](#)

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