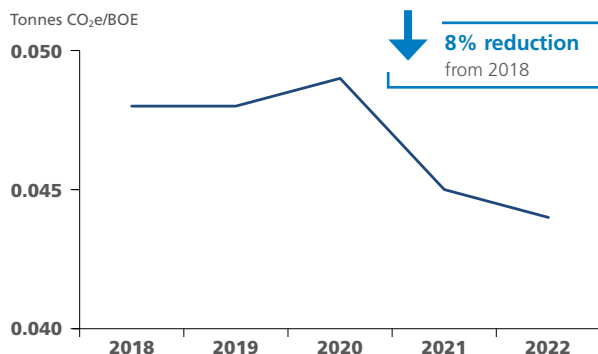


Canadian Natural's 2022 ESG Highlights

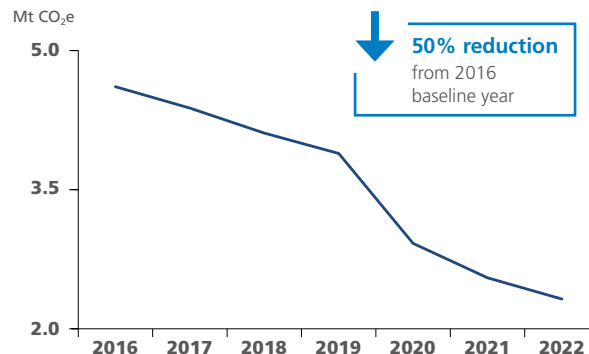


GHG EMISSIONS MANAGEMENT

Corporate Scope 1 (Direct)
GHG Emissions Intensity



North America E&P
Methane Emissions



10.4 million tonnes of CO₂e
conserved in primary heavy crude
oil and in situ operations since 2018



GHG EMISSIONS MANAGEMENT STRATEGY

- **Integrating emissions reduction** in project planning and operations
- **Leveraging technology** to create value, enhance performance and reduce emissions
- **Investing in research and development (R&D)** and supporting collaboration
- **Focusing on continuous improvement** to drive long-term emissions reductions through energy and process efficiencies
- **Leading in carbon capture, utilization, sequestration and storage (CCUS)**
- **Engaging proactively in policy and regulation** to effectively manage climate risks and opportunities, including trading capacity and offsetting emissions
- **Reviewing and developing new business opportunities and trends** that present further opportunities to reduce our environmental footprint



GOVERNANCE

ESG performance
is linked to
executive compensation
(15% of total weighting)

Board members with relevant experience

8 in Climate Change/Carbon Policy and Emissions
10 in Health, Safety and Environment
12 in Risk Management



TARGETS

Net zero in our oil sands operations by 2050 through Pathways Alliance

40% reduction
in corporate absolute Scope 1&2 GHG
Emissions by 2035 from 2020 baseline

50% reduction
in NA E&P Methane Emissions by
2030 from 2016 baseline

40% reduction
in in situ fresh water use intensity
by 2026 from 2017 baseline

40% reduction
in oil sands mining fresh river water use
intensity by 2026 from 2017 baseline



TECHNOLOGY AND INNOVATION

R&D leader in the Canadian crude oil and natural gas industry¹

\$587 million invested
in technology development and
deployment in 2022²

\$151 million invested
in technology development and implementation
to reduce GHG emissions in 2022

1. Research InfoSource, Canada's Top 100 Corporate R&D Spenders 2022.

2. Technology Development includes R&D with academic institutions, eligible Scientific Research and Experimental Development claims for Canadian income tax purposes, and other activities that create or deploy new technology, or improve existing technology.



LEADERSHIP IN CCUS PROJECTS

2.7 million tonnes of CO₂e per year total capture capacity the same as taking
~576,000 passenger vehicles
off the road per year

7.7 million tonnes of CO₂e captured and safely stored at Quest
since 2015

Largest owner of carbon capture capacity
in the Canadian crude oil
and natural gas sector;
6th largest globally³

3. Based on data from the Global Carbon Capture Institute.



RECLAMATION

8.6 million trees planted across operations to date

1.2 million trees planted across operations in 2022

12,641 hectares reclaimed in NA E&P since 2016

3,121 inactive wells abandoned in NA E&P in 2022

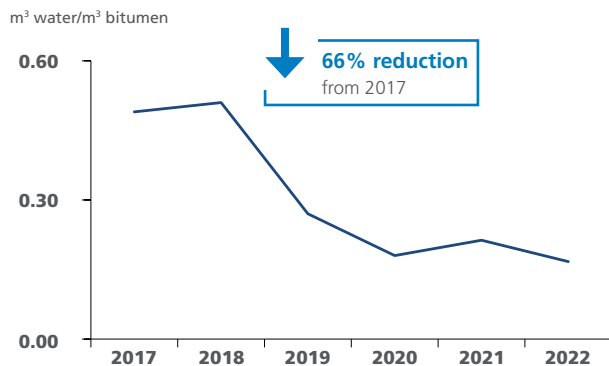
1,057 reclamation certificates submitted in NA E&P in 2022; equivalent to ~1,444 Canadian football fields

2023 goal of >1,200 reclamation certificates per year



WATER USE

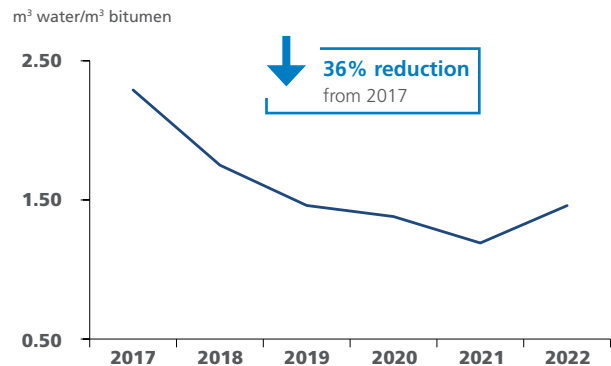
In Situ Fresh Water Use Intensity



Includes Alberta thermal in situ facilities. In situ fresh water use intensity has decreased from 2021 due to increased use of treated process water and saline water sources in operations.

83% recycle rate of produced water in in situ operations

Oil Sands Mining River Water Use Intensity



Includes river water and tributaries. Fresh river water use intensity increased from 2021 to 2022 due to temporary operational constraints that reduced the water availability from the Horizon tailings pond for reuse in our operations and led to higher river water withdrawals. Constraints were resolved in 2022 and we are targeting improved intensity for 2023.

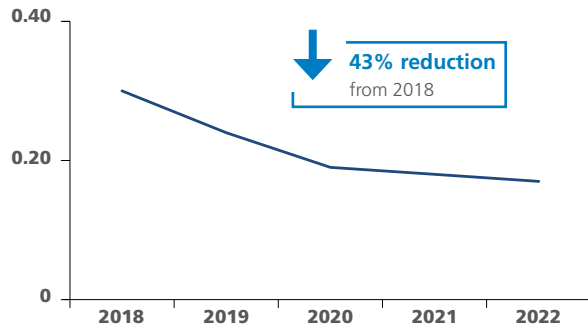
83% recycle rate of surface water in oil sands mining



WORKPLACE SAFETY AND PROCESS SAFETY

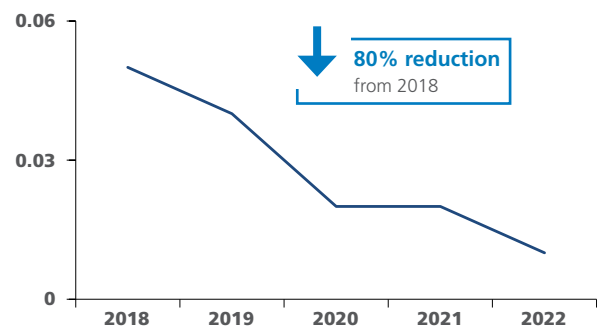
Corporate Total Recordable Injury Frequency (TRIF) (Employees and Contractors)¹

Incidents per 200,000 exposure hours



Corporate Lost Time Incident (LTI) Frequency (Employees and Contractors)¹

Incidents per 200,000 exposure hours



1. Revised to align with Energy Safety Canada's methodology.

54% reduction
in Tier 1 and
Tier 2 process
safety events
from 2018

**AAA rating for tailings
management and dam safety,**
the **highest rating** in the Mining
Association of Canada's Towards
Sustainable Mining Framework

**>78,000 Worksite
Safety Observations**
proactively identifying
improvement
opportunities



ECONOMIC CONTRIBUTIONS AND COMMUNITY

**87,755 full-time equivalent
jobs supported** by operational
and capital spending

Jobs breakdown:

- **22,401** direct
- **44,341** indirect (suppliers)
- **21,013** induced (economy at large)

**\$10.6 billion in contributions
to governments and local
communities in 2022**

Including:

- Royalties **\$7.2 billion**
- Corporate taxes **\$2.9 billion**
- Property taxes **\$344 million**
- Surface and mineral land
leases **\$183 million**

**\$14.2 billion of capital
and operational spending**
providing significant
economic contribution and
support for jobs across our
operations in 2022

\$9 billion total supply
chain spending with ~9,000
suppliers worldwide

\$684 million in contracts
a 20% increase
from 2021, **with 167
Indigenous businesses**