

ESG Report

2023



MESSAGE FROM CEO

Coelacanth is pleased to present its first and inaugural ESG report. I want to thank the ESG Committee, Management Team, and the Board of Directors, for their thorough efforts with the materiality assessment process. Through this process, we have identified a set of disclosure topics we think matter most to our diverse stakeholders.

The Company's namesake is a prehistoric predatory fish once considered extinct and now known to have survived. The Coelacanth's resilience is often attributed to its adaptability and specialization in deep water habitats. We plan to bring the resilience ethos of our namesake to our corporate and climate strategy as we grow, finding advantage through pure-play Montney specialization and disciplined adaptation to the demands of the energy transition.

Coelacanth is proud to serve our stakeholder communities and shareholders by providing vital and reliable sources of ethically produced oil and natural gas from British Columbia. The road to decarbonization will bring risks and opportunities. Therefore, we are committed to delivering value while advancing our sustainability goals by reducing our greenhouse gas emissions, supporting local communities and Indigenous peoples, and ensuring accountability and transparency in our decision-making.

As an early-stage growth company, we are planning for the future by installing ESG systems for data gathering and reporting now with a view to continuous improvement. We look forward to unfolding our ESG story in tandem with the Corporation's growth over the years to come.

On behalf of the Board of Directors,

"Signed"

Rob Zakresky
President & CEO



LAND ACKNOWLEDGEMENT

Coelacanth Energy Inc. ("Coelacanth", "CEI", or "the Corporation") is committed to the rights of Indigenous peoples. We recognize the land as an act of reconciliation and gratitude to those whose footsteps have marked these lands for generations.

Coelacanth would like to acknowledge the Treaty 7 territory; the ancestral territory of the Niitsitapi (Blackfoot) Confederacy: Kainai, Piikani, Amksapi Piikani, Siksika as well as the Tsuut'ina (soot-ena) First Nation and Stoney Nakoda First Nation, including Chiniki, Bears Paw, and Good Stoney First Nations. The City of Calgary is also home to Métis Nation of Alberta, Region III.

Coelacanth respectfully acknowledges Treaty 8 territory: the ancestral territory of the Nehiyawak (Cree), the Dane-zaa (Beaver), Dene (Chipewyan), and the Métis Nation of Alberta, Region VI. We offer our gratitude and respect to the Knowledge Keepers and Elders for their wisdom, stewardship, and teachings.

It is with a spirit of respect and mutuality that Coelacanth works in the Treaty 8 region to develop energy resources.



ABOUT THIS REPORT

COMPANY ORIGINS AND ASSETS

CEI is a public company that trades under the symbol CEI on the TSX Venture Exchange (CEI: TSXV). CEI is a growth-oriented, pure-play Montney producer in the Two Rivers area of northeast British Columbia.

CEI emerged as a spin-out from Leucrotta Exploration's sale to Vermilion Energy in May 2022. Operations launched in June 2022 with an asset base that included: \$80 million cash to fund new operations, over 140 sections of Montney mineral tenure, three producing wells, and a facility in the Two Rivers area, as well as two shut-in wells awaiting future pipelines (one in the Stoddart area and one in Two Rivers area), and suspended assets in the Paradise and Two Rivers regions that are slated for ongoing reclamation.

SCOPE

Corporate Profile 2022

Corporate Employees	13
Oil and Natural Gas Liquids, (bbls/d)	80
Natural Gas, (mcf/d)	1,614
Oil Equivalent, (Ave. boe/d)	349
Total Cumulative BOEs Produced	127,385
- Percent Natural Gas	77%
- Percent Oil	23%
Proved plus Probable Reserves (Mboe)	4.5
Reserves Life Index (RLI), Proved plus Probable (2P)	38.7

Field operations were minimal during the period. The Corporation had average production of 349 boepd for 2022 from three active wells in the Two Rivers region. Oil and natural gas from these wells are pipeline-connected to a nearby CEI battery facility where they are separated. The oil product is then trucked, and the natural gas product is pipelined to the nearby North River Midstream McMahon Gas Plant (Taylor, BC) where oil is sold, gas is processed, and delivered to market through sales pipelines.

Additional operations during the period include two new wells drilled in the Two Rivers West area; both wells were completed in September 2023.

Asset retirement and reclamation work took place in the Paradise and Two Rivers regions during 2022 while the Corporation awaited permits for 2023 operations.

Taken together, the above operations and assets encompass the Scope of this report.

REPORTING FRAMEWORKS & MATERIALITY ASSESSMENT

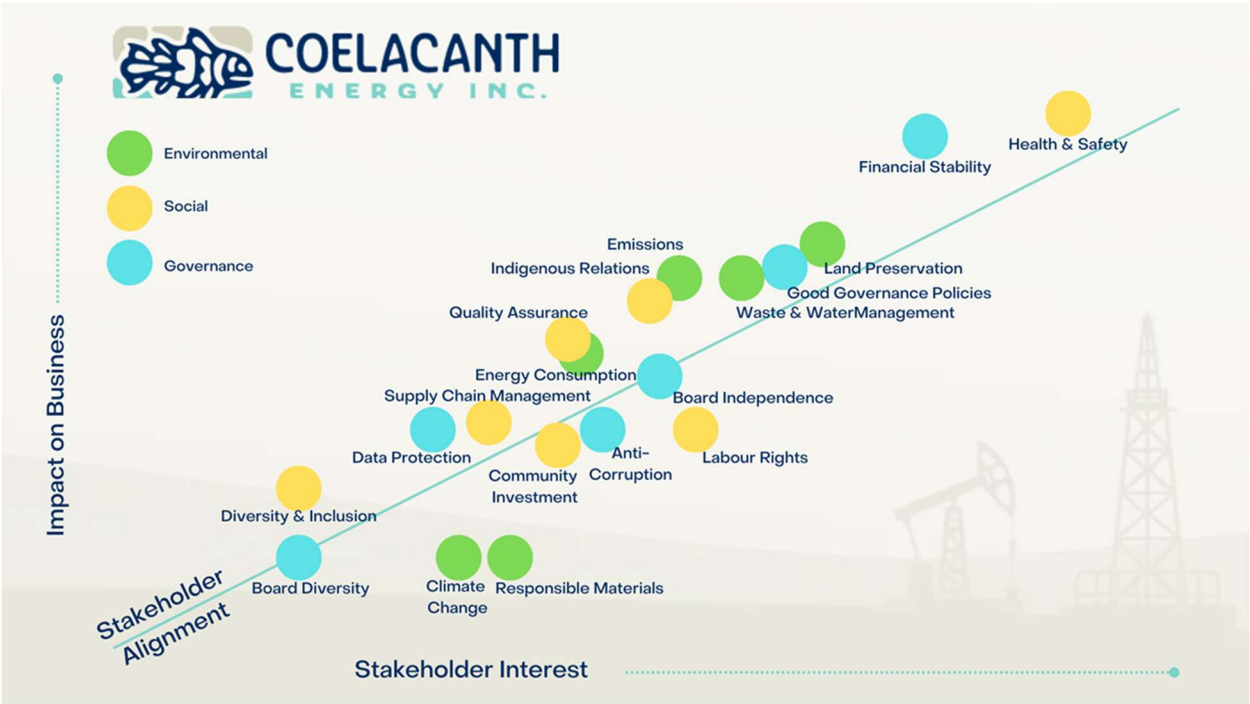
At Coelacanth, we value and respect the need for sustainability, resilience, and climate action as we concurrently do our part help to meet both the world's energy trilemma of transition, equity, and security along with our government's commitments toward net zero emissions by 2050.

REPORTING FRAMEWORKS

This report follows the reporting framework and Materiality Map provided by the Sustainability Accounting Standards Board (SASB) for upstream oil and gas operations.

The SASB materiality map was paired with survey data collected by GreenWorksESG on behalf of CEI from both Internal and External stakeholders. The combined results were used to assess Coelacanth's categories of material disclosure as well as to identify any performance gaps.

Through these combined processes, we have identified the reporting categories that matter most to CEI stakeholders at this stage of the Corporation's development:



DISCLOSURE TOPICS	
Health & Safety	Water and Waste Management
Financial Stability	Emissions Management
Good Governance	Asset Retirement
Land Preservation	Indigenous Relations and Community Investment

This report therefore provides a discussion of each of these topics but includes additional matters of importance within our industry to ensure continuity with industry peers and regulatory disclosures.

The Corporation is working toward the goal of integrating TCFD and adapting to ISSB S1 and S2 for 2024 Reporting Year (to be released in 2025).

ASSURANCE

To date, the Corporation's ESG data has not been formally audited. However, a third party, Intricate Software, has collected CEI's emissions data and verified all emissions factors and global warming potentials (GWP) according to Greenhouse Gas Industrial Reporting and Control Act (GGIRCA), and Section 11 of the BC Greenhouse Gas Emissions Reporting Regulation (GGERR), and the Western Climate Initiative (WCI).

The Corporation's financial statements and material disclosures are reviewed quarterly and audited annually by KPMG LLP. Furthermore, all reserves information as well as certain disclosures relating to reserves underlying biodiversity regions, and Indigenous lands, were prepared by the Company's third-party reserves evaluators, GLJ LTD.

Information with respect to CEI's corporate risk, strategy, and governance procedures can be found on SEDAR in the Corporation's Annual Information Form, April 2023, and the Corporation's Annual Report, 2022.



SUSTAINABILITY HIGHLIGHTS 2022

KEY METRICS

Total Scope 1 & 2 Emissions
2,287.41 tCO₂e

Total Methane Emissions
6.61 tCH₄

ARO Spending
\$ 1.2 million

Restored 11 locations,
Decommissioned 3 locations

Freshwater
withdrawal:
0 m³

Produced Water
25,786 m³
Water Disposed
25,777 m³

TRIF 0
LTIF 0
MVIF 0

\$18 million spent on BC
operations (taxes, royalties,
capex, services and
employment In FSJ region)

ENVIRONMENT

EMISSIONS

As nations around the world transition to lower carbon economies, our stakeholders increasingly demand lower carbon footprints, lower emissions, and a pathway to net zero emissions by 2050. Therefore, as we move through our corporate milestones, emissions management, and mitigation planning are an important priority for CEI. While absolute emissions will increase due to growth, the Corporation is planning to decrease overall emissions intensity over time through continued methane abatement and overall GHG mitigation strategies.

GHGS

Given the minimal overall scope of operations for 2022, CEI's emissions for the period were below the BCER emissions reporting thresholds. Nonetheless, we report 2022 gross global Scope 1 and Scope 2 emissions herein for the purpose of establishing an initial baseline.

Table of 2022 Gross Global Scope 1 Emissions by Type

<i>Direct Emissions Scope 1 (SASB) FB-AG-110a.1</i>	<i>CO2</i>	<i>CH4</i>	<i>NOx</i>	<i>tCO2e</i>
METRIC TONNES	2071.51	6.61	.10	-
tCO ₂ e	2071.51	185.02	26.50	2,283.67

***2022 Global Scope 1 Absolute Emissions:
2,284 tCO₂e***

Scope 1 & 2 Emission Summary by Category

Category	TCO2	TCH4	TN2O	TCO2e	% of Total
Stationary Fuel Combustion	1870.4572	4.4404	0.1020	2,021.83	88.53
Flaring	201.0435	1.1599	.0004	233.62	10.23
Fugitives	0.0103	1.0075	0	28.22	1.24
Venting	0	0	0	0	0
On-Site Transportation	0	0	0	0	0
Imported Electricity	0	0	0	3.74	0.16
Total	2,071.51	6.6078	0.1024	2,287.41	100

Given that stationary fuel combustion is used for electricity and heat at CEI's Two Rivers West battery facility, clean electrification made possible by BC Hydro's Site C Clean Energy Project, represents CEI's largest opportunity for mitigating future GHG emissions from combustion. Clean hydro-electrification would replace fuel gas to power the existing Two Rivers West facility and the future Two Rivers East facility. To that end, CEI is assessing the feasibility of future power connection lines from BC Hydro to these facilities and related well-sites. Based on initial data from the feasibility assessment, the Corporation sets a goal for establishing powerlines from its Two Rivers facilities and well-sites to the BC Hydro grid in the region within three to five years, by the end of 2028.

CEI sets goal to connect Two Rivers East projects to BC Hydro by end of 2028

An internal ESG team is also tracking the innovations for GHG emissions abatement and is a member of the Clean Resource Innovation Network (CRIN) and Petroleum Technology Alliance Canada (PTAC).

METHANE EMISSIONS REDUCTION

Methane is the main component of natural gas. During oil and gas operations, methane can be released during normal operations when natural gas is incompletely combusted, vented, emitted, or leaked during a normal and regulated process. Coelacanth recognizes the climate risk of methane emissions and seeks to abate them from these sources.

To that end, and in compliance with BCER Regulatory guidelines, CEI uses instrument air in pneumatic devices, as well as a vapor recovery unit at its 14-05 Two Rivers West facility.

CEI also uses the services of Green Path to inspect the 14-05 facility three times per year and all producing well locations once per year for any fugitive emissions. Any fugitives that are identified are immediately mitigated.

For 2022, total methane emissions were 6.61 tCH₄ or 8.10% of CEI total tCO₂e emissions. Fugitive emissions were 1.2% of total emissions and 15% percent of total methane emissions.

Total 2022 CEI methane emissions were 6.61 tCH₄
Fugitive emissions were 1.0075 tCH₄, or 15% of this total.

CONTINUOUS IMPROVEMENT

Coelacanth closely monitors the advances in research, development, innovation, and policy in the field of methane reduction, actively following The BC Oil and Gas Methane Emissions Research Collaborative (MERC) and the methane stream of the Petroleum Technology Alliance (PTAC), along with industry professional and peer groups.

LAND PRESERVATION

REPORTABLE SPILLS AND ENVIRONMENTAL INCIDENTS

Coelacanth is compliant with the environmental and operational requirements of BCER.

Coelacanth had no volumes of reportable spills for 2022, no reportable environmental incidents and no material issues of non-compliance for 2022.

MINIMIZING OUR FOOTPRINT

The Corporation's development plans over the next five years imply at least one Pad project per year along with related infrastructure. When making these plans, the Corporation works to minimize surface disturbance through multiwell pads. This design allows multiple projects to be facilitated upon a single site, reducing the need for additional new land disturbance. Pad development also increases the efficiency of the resources needed for operations and helps reduce emissions by limiting the distance between service points.

Pre-development environmental assessments assist the Corporation in mitigating potential impacts on biodiversity. Pre-engagement with First Nations is also a crucial step in the Corporation's development planning to identify and mitigate areas of environmental concern and potential impact on biodiversity.



ASSET RETIREMENT OBLIGATION (ARO)

The retirement, reclamation, and restoration of end-of-life wells is an important part of the Company's effort to minimize its environmental footprint. During 2022, CEI reclaimed more land than it disturbed.

BCER Dormant Site Regulations specify the timing and required procedures to decommission and restore dormant sites. Pursuant to these regulations Coelacanth entered 2022 with a total of 25 (gross) operated suspended wells and spent \$1.4 million during the year to decommission 3 locations and restore 11 locations.

The Company has set a target to spend \$1.0 million on ARO activities for 2023 to decommission 5 locations and restore 7 locations.

Coelacanth contributes to the Orphan Site Reclamation Fund in British Columbia.

Coelacanth sets ARO spending target of \$1.0 million for 2023, and \$1.0 million for 2024

WATER MANAGEMENT

Water is a vital resource and one that is crucial to CEI operations. The Corporation is therefore committed to the careful stewardship of water. During 2022, no freshwater was used or extracted for CEI operations.

Water Summary

Water Type	YTD
Fresh	0
Recycled	0
Produced	25,786
Disposal	25,777

Fresh Water Storage	0
Produced Water Storage	3,142

Going forward, CEI will work to carefully steward any freshwater resources required for operations by using C-ring storage and filtration. A possible water recycling hub will be constructed once CEI's initial pads are developed and proven to be productive.

WASTE MANAGEMENT

CEI has procedures in place for managing hazardous and non-hazardous waste. These procedures exercise conservation measures where possible, including the effort to reuse and recycle where possible. CEI waste management procedures are compliant with the British Columbia Hazardous Waste Regulation and the British Columbia Environmental Management Act.

SOCIAL

RISK MANAGEMENT FOR TAILEND RISK

The Corporation has management systems in place to proactively eliminate or control risk by means of policies, safe work practices, hazard assessments, inspections, and training. These processes help identify and mitigate catastrophic and tailend risks.



These systems comply with regulatory requirements and industry-recommended practices. The CEI Health and Safety Management System integrates the following programs to lower risk:

- Policies, Safe Work Practices, Standard Operating Procedures
- Competency Management
- Credential Management
- Job Hazard Assessments

- Role Risk Registry
- Event Reporting
- Corrective Action Registry
- Contractor Management
- Management of Change
- Simultaneous Operations
- Integrity Management Plans
- Confined Space Inventory
- Safety Loss Management Plan
- Emergency Response Plan
- Asset Retirement and Reclamation Program



EMERGENCY RESPONSE PLAN

CEI's ERP prepares both field and corporate stakeholders to manage unplanned emergency-related events. The ERP conforms to regulatory requirements and includes the coordination of CEI business units and external contractors. The ERP manual is designed by industry-recognized ERP experts, Black Gold Emergency Response Planners.

The ERP follows the Incident Command System (ICS) which is a globally accepted standard. ICS utilizes consistent language and protocols to ensure highly effective communication and efficient resource allocation between regulatory agencies, industry, and emergency management stakeholders.

All operations personnel receive Incident Command System training in ERP processes (ICS-100, ICS-200). In addition, the Corporation enacts annual tabletop/full field deployment training exercises that engage both field and corporate stakeholders in an emergency scenario relevant to CEI operations. These exercises are led by CEI field operations personnel, supported by CEI corporate, and observed by the provincial Energy Regulator to ensure the training exercises meet all regulatory emergency management criteria. Feedback and lessons learned from tabletop and full field deployment events are used to fill in any gaps in the process and to strengthen the overall emergency response process and the ERP program. Ultimately these ERP training exercises are meant to proactively prepare stakeholders and support services should a significant high-risk event occur.

HEALTH AND WORKER SAFETY

Coelacanth has a comprehensive safety program for all employees and contractors of the Corporation. At Coelacanth, we work hard to cultivate a strong safety culture where all employees and contractors understand their rights, duties, and responsibilities to protect themselves, the public, and the environment. This commitment starts with management and carries throughout the organization.

CEI has 0 Total Recordable Incident Frequency for 2022, 0 Lost time injury Frequency, and 0 Motor Vehicle Incident Frequency for employees and contractors. There were no injuries or fatalities during the reporting period.



Working safely is a priority for all CEI workers across all operations, and we are committed to the regulatory safety standards set by WorkSafeBC. All contractors and their subcontractors working on CEI properties are required to register in the CEI Contractor Management system, be prequalified, and provide evidence of their Health and Safety program processes, training, and insurance coverage.

Additionally, all contractors and subcontractors working on CEI properties are issued Safe Work Permits which define the scope of work, and the hazards associated with the tasks that are being completed. Once the hazards are identified, they are risk-ranked, and controls are put in place to either eliminate or manage the risk by means of engineered processes, PPE, or procedures. This allows the work to be completed safely.

All hazards, near misses and incidents are risk ranked, communicated, and depending on severity are investigated.

All safe work practices and job task hazard assessment are made accessible to all contractors and subcontractors through the company's online Health and Safety management system platform, *InUnison*. The platform contains all company policies, safe work practices, operating procedures, and an Event reporting system to capture all Leading and Lagging events, notify stakeholders to ensure real time notifications are received and actioned efficiently.

Read and Accept functions are used to ensure workers sign off on policy/procedure requirements. Worksite Orientations are conducted with all Contractors prior to initiating any work. Worksite tailgate meetings are conducted to ensure all workers are aware of the job scope, task related hazards and inherent risk to lower the likelihood of an incident and support personal accountability for the care and control of the worksite.

To review the CEI Health and Safety Management System, see the *InUnison* platform:
<https://inunison.io/safety-program/ca-bc/content>

While Coelacanth had no reportable incidents for 2022, we are committed to learning from each and every incident by revising the practice and sharing the learning with our personnel and regulatory authorities.

COMMUNITY IMPACT

We are pleased to contribute to local economies through capital spending, job creation, and community contributions.

During the fiscal year of 2022, Coelacanth spent \$18 million in the region of Fort St. John, and surrounding communities to drill and complete oil and natural gas wells and run routine operations.

Coelacanth has no proved or probable reserves in conflict areas.

INDIGENOUS ENGAGEMENT

While nearly all CEI mineral tenure underlies privately owned and cultivated land in northeast British Columbia, 100% of that land is within Treaty 8 and comprises the traditional territories of many First Nations. To that end, CEI works to earn its social license by careful and respectful pre-engagement and consultation. This includes strict adherence to the BCER and the Blueberry River First Nations (BRFN) guidelines on pre-application engagement, and to the specific requirements of each of the First Nations that CEI engages with as part of our Duty to Consult.



Photo of art by Garry Oker, Doig River First Nation

Coelacanth is committed to reconciliation, collaboration, and mutuality with Indigenous people. In the spirit of fostering strong community relationships, all of Coelacanth's executives and operations staff have received training in Reconciliation. It is the duty of each CEI staff member to earnestly practice this commitment in all interactions.

With respect to CEI spending commitments, at least \$750,000 was tendered directly to Indigenous-owned companies in fiscal 2022. The Corporation sets a target to increase spending with Indigenous-owned and affiliated companies to at least \$1.0 million in 2023 and 2024.

CEI sets spending target with Indigenous and affiliated companies to \$1.0 million for each of 2023 & 2024

EMPLOYEE ENGAGEMENT

At Coelacanth, we recognize the entrepreneurial spirit that often attracts employees to junior corporations. To support the meaningful connection between commitment, responsibility, and various forms of ownership, Coelacanth offers each employee, in addition to competitive salaries, the opportunity to participate in company stock options, a matching stock savings

program, and Restricted Share Units (RSUs) of the Corporation. In addition, Coelacanth offers comprehensive health benefits to all employees along with education and training opportunities.

GOVERNANCE

BOARD OF DIRECTORS

Coelacanth's Board of Directors governs the organization and ensures the exercise of due diligence, care and responsibility in corporate stewardship.

Coelacanth's Board of Directors is comprised of the following members:

William Lancaster, P. Geol., Chair ^{(2), (4), (5), (6)}

Raymond Hyer, CPA, ^{(1), (3), (6)}

John A. Brussa, B.A., LL.B., Lead Director ^{(1), (2a), (3a)}

Tom J. Medvedic, CA ^{(1a), (2), (5)}

Harvey Doerr, P.Eng. ^{(3), (4a), (5a), (6a)}

Robert J. Zakresky, CA

(a) Committee Chair

(1) Member of Audit Committee

(2) Member of Compensation Committee

(3) Member of Corporate governance Committee

(4) Member of ESG Committee

(5) Member of HSE Committee

(6) Member of Reserves Committee

Coelacanth recognizes the value of diversity and inclusion and is working to identify suitable candidates that can add value to the board as the Corporation grows. To that end, Coelacanth's Board of Directors has set a target to increase the diversity of CEI's Board to at least 25% by end of fiscal 2026 and 33% by end of fiscal 2028.

***CEI sets diversity target for Board of Directors to 25% women by 2026,
and 33% by 2028***

GOVERNANCE STRUCTURE

Coelacanth's governance structure includes a Charter for the Board of Directors and for each of the following Board committees: Audit, Compensation, Corporate Governance, Reserves, Environment, Health and Safety, and Environmental, Social and Governance. The full Charters can be found at www.coelacanth.ca/governance.

Executive job descriptions for the Chief Executive Officer, the Chief Operating Officer, the Chief Financial Officer, the Chair of the Board, and the Lead Director can also be found in full on the Corporation's website.

CEI has robust Governance policies that include the following topics:

- Code of Business Conduct and Business Ethics
- Disclosure & Confidentiality
- Whistleblower Policy
- Treatment of Complaints
- Securities Trading Policy

The Corporation's policies concerning anti-corruption are included in the Code of Business Conduct and Ethics. All employees are required to read and sign this policy, which describes and provides clear direction regarding the prevention of bribery and corruption.

Anticorruption is enacted by corporate employees and managers by the following measures: Employees must be and be seen to be upholding the highest ethical standards by ensuring competitive bidding processes, tracking and holding to account any variance to bids; ensuring that approvals are required by more than one responsible party; ensuring that routine meetings are held where cost profiles are reviewed by the operations team and managers; ensuring that onboarding prequalifies vendors' insurance, qualifications, trade tickets and regulatory requirements; and, ensuring an annual audit.

The Whistleblower Policy and the Treatment of Complaints Policy protects those reporting complaints or other reportable activities outlined in the policy are ensured anonymity and are protected from any retaliation.

All CEI corporate policies are reviewed annually by the Board of Directors, and published at www.coelacanth.ca/governance

OFFICERS

Robert J. Zakresky, CA
President and CEO

Jody Denis, P.Eng.
VP Drilling & Completions

Bret Kimpton, P.Eng.
VP Operations and COO

Helmut R. Eckert, P.Land
VP Land

Nolan Chicoine, MPAcc, CA
VP Finance & CFO

John Fur, P.Geol.
VP Geosciences

Peter Cochrane, P.Eng.
VP Engineering

CORPORATE INFORMATION

CONTACT INFORMATION

Head office: 2110, 530-8th Avenue SW, Calgary, AB T2P 3S8

Telephone: (403) 705-4525, Telephone Toll Free: 1-888-852-2738

Facsimile: (403) 705-4526

24-Hour emergency service line: 1-866-859-5962

info@coelacanth.ca,

www.coelacanth.ca

CEI SASB PERFORMANCE TABLE

CATEGORY	CODE	METRIC	PERIOD	PAGE	RESPONSE
Corporate		Number of Employees	2022	3	13
Corporate		Oil and Natural Gas Liquids, Bbls/d	2022	3	80
Corporate		Mineral Tenure	2022	3	140 Sections, Two Rivers Region, BC.
Corporate		Natural Gas, Mcf/d	2022	3	1,614
Corporate		Oil Equivalent, Ave. Boe/d	2022	3	349
Corporate		Total Cumulative Boe Produced	2022	3	127,385
Corporate		Proved plus Probable Reserves (Mboe)	2022	3	4.5
Corporate		Reserves Life Index (RLI), Proved plus Probable	2022	3	38.7
Air	EM-EP-110a.1 EM-MD-110a.1 EM-RM-110a.1 FB-AG-110a.1	Amount of gross global Scope 1 emissions from: (1) flared hydrocarbons, (2) other combustion, (3) process emissions, (4) other vented emissions, and (5) fugitive emissions	2022	8	Direct CO2 2,071.51 Metric Tonnes CO2-e Direct CH4 185.02 Metric Tonnes CO2-e Direct NOx 27.14 Metric Tonnes CO2-e Direct HFC 0.00 Metric Tonnes CO2-e Direct PFC 0.00 Metric Tonnes CO2-e Direct SF6 0.00 Metric Tonnes CO2-e Direct NF3 0.00 Metric Tonnes CO2-e Other direct (Scope 1) emissions 0.00 Metric Tonnes CO2-e Total Scope 1 emissions 2,283.67 Metric Tonnes CO2-e Methane emissions are 8.10 % of total Tonnes CO2-e 100% of global Scope 1 emissions are covered under emissions-limiting regulations
Air	EM-EP-110a.2	Amount of gross global Scope 1 emissions from: (1) flared hydrocarbons, (2) other combustion, (3) process emissions, (4) other vented emissions, and (5) fugitive emissions	2022	8-10	Flared hydrocarbons 233.6220 Metric Tonnes CO2-e Combustion emissions 2,021.8288 Metric Tonnes CO2-e Process emissions 0.00 Metric Tonnes CO2-e Fugitive emissions 28.2200 Metric Tonnes CO2-e Vented emissions 0.00 Metric Tonnes CO2-e

CATEGORY	CODE	METRIC	PERIOD	PAGE	RESPONSE
Air	EM-EP-110a.3 EM-MD-110a.2 EM-RM-110a.2 FB-AG-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	2022	8-10	CEI operations already make use of compressed instrument air in pneumatic devices to eliminate methane emissions at its Two Rivers West 14-05 facility. The facility is also electrified via BC Hydro, which reduces CO2 emissions, in addition to using purchased diesel fuel to heat the facility. Instrument air in pneumatic devices is planned for the Two Rivers East and eventual electrification via BC Hydro, which is CEI's largest opportunity for mitigating future CO2 emissions. A feasibility study for Two Rivers East hydroelectricity is underway. Emissions reduction targets: None set at this time. Targets will be set once normative baseline is understood at CEI's 5-19 Pad location, scheduled to be onstream in late 2024. No targets set at this time. Targets will be set once normative baseline is understood at CEI's 5-19 Pad location, scheduled to be onstream in late 2024.
Air	EM-EP-110.3.1	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	2022	8-10	See above.
Water	EM-EP-140a.1 EM-RM-140a.1	(1) Total fresh water withdrawn, (2) total fresh water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	2022	12-13	Total freshwater consumed 0.00 thousand cubic meters (m3) Percentage of freshwater consumed in regions with high or extremely high baseline water stress 0.00 % Total freshwater withdrawn 0.00 thousand cubic meters (m3) Percentage of freshwater withdrawn in regions with High or Extremely High Baseline Water Stress 0.00 % No freshwater was withdrawn in 2022.

CATEGORY	CODE	METRIC	PERIOD	PAGE	RESPONSE
Water	EM-EP-140a.2	Volume of produced water and flowback generated; percentage (1) discharged, (2) injected, (3) recycled; hydrocarbon content in discharged water	2022	12-13	25786.00 thousand cubic meters (m3) Discharged 0.00 % Injected 99.97 % Recycled 0.00 % 0.00 Metric Tonnes
Water	EM-EP-140a.3	Percentage of hydraulically fractured wells for which there is public disclosure of all fracturing fluid chemicals used	2022	12-13	0% (No wells fractured during 2022).
Water	EM-EP-140a.4	Percentage of hydraulic fracturing sites where ground or surface water quality deteriorated compared to a baseline	2022	12-13	0% (No wells fractured during 2022).
Land	EM-EP-160a.1	Description of environmental management policies and practices for active sites	2022	11-13	CEI is compliant with all regulations with respect to the environment and active sites.
Land	EM-EP-160a.3	Percentage of (1) proved and (2) probable reserves in or near sites with protected conservation status or endangered species habitat	2022		Two Rivers East mineral tenure is bordering Parks and Protected areas.
Social	EM-EP-210a.1	Percentage of (1) proved and (2) probable reserves in or near areas of conflict	2022		0% of CEI reserves are in or near areas of conflict.
Social	EM-EP-210a.2	Percentage of (1) proved and (2) probable reserves in or near indigenous land	2022	17	100% of CEI reserves are within traditional territories of Treaty 8 First Nations.
Social	EM-EP-210a.3	Discussion of engagement processes and due diligence practices with respect to human rights, indigenous rights, and operation in areas of conflict	2022	17	CEI abides by the regulatory process of BCER for Pre-engagement and the Duty to Consult. CEI exercises an ethic of pro-activity, transparency, respect and mutuality in all engagement activities.

CATEGORY	CODE	METRIC	PERIOD	PAGE	RESPONSE
Social	EM-EP-210b.2	Number and duration of non-technical delays	2022		A total of 3.0 projects were delayed during 2022 for 270 days in aggregate owing to the Yahey V. BC court case. The BCER suspended all new permitting for one year while the Blueberry River First Nations Implementation Agreement process was devised.
Climate	EM-EP-420a.3	Amount invested in renewable energy; revenue generated by renewable energy sales	2022		Amount invested in renewable energy: 0.00. Revenue generated by renewable energy sales: 0.00.
Climate	EM-EP-420a.4	Discussion of how price and demand for hydrocarbons and/or climate regulation influence the capital expenditure strategy for exploration, acquisition, and development of assets	2022		CEI has a mandate to grow production of both oil, natural gas and natural gas liquids. Oil and natural gas will continue to play an important part of energy transition, energy equity and energy security on the road to decarbonization. Commodity prices are the main driver of oil and gas exploration and production, but capital expenditures are also considered with respect to climate goals. Carbon tax, policy commitments and the changing regulatory landscape, especially in British Columbia are also considered. For example, Management is exploring the potentials of hydro electrification of Two Rivers East projects to offset rising carbon tax in the Province of British Columbia.
Governance	EM-EP-510a.1	Percentage of (1) proved and (2) probable reserves in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	2022		Proved oil reserves 0.00 % Probable oil reserves 0.00 % Proved gas reserves 0.00 % Probable gas reserves 0.00 %

CATEGORY	CODE	METRIC	PERIOD	PAGE	RESPONSE
Governance	EM-EP-510a.2	Description of the management system for prevention of corruption and bribery throughout the value chain	2022		See www.coelacanth.ca/governance
Governance	EM-EP-530a.1	Discussion of corporate positions related to government regulations and/or policy proposals that address environmental and social factors affecting the industry	2022		Coelacanth has a Board Committee that oversees ESG factors. The COO along with an ESG manager oversees ESG related regulations and policy proposals. See www.coelacanth.ca/governance
Social	EM-EP-540a.2	Description of management systems used to identify and mitigate catastrophic and tail-end risks	2022	13-14	The Corporation has a comprehensive Emergency Response Program and Environment, Health and Safety Program

