

**CAIRN ENERGY PLC**  
TCFD INDEX 2020  
INCLUDING ENERGY SECTOR METRICS



## TCFD INDEX 2020

Topic	Disclosure Focus Area	Disclosure	Reference to Other Indices	Reference to Cairn Reports	Notes/Omissions
Governance	Disclose the organization's governance around climate-related risks and opportunities.	a) Describe the board's oversight of climate-related risks and opportunities.	CDP C1.1   C1.1a   C1.1b   C1.2   C1.2a	Annual Report p14   CR Report, Governance p68	
		b) Describe management's role in assessing and managing climate-related risks and opportunities.	CDP C1.1   C1.1a   C1.1b   C1.2   C1.2a	Annual Report p14   CR Report, Governance p67–68	
Strategy	Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.	a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	CDP C2.1a   C2.1b   C2.2a   C2.3   C2.3a   C2.4   C2.4a	Annual Report p14   CR Report, Governance p68	
		b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	CDP C2.2a   C2.3   C2.3a   C2.4   C2.4a	Annual Report p14   CR Report, Governance p68–69	
		c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	CDP C3.1   C3.1a   C3.1b	Annual Report p14   CR Report, Governance p69	
Risk management	Disclose how the organization identifies, assesses and manages climate-related risks.	a) Describe the organization's processes for identifying and assessing climate-related risks.	CDP C2.2   C2.2a	CR Report, Governance p67–69 Annual Report p42–45	
		b) Describe the organization's processes for managing climate-related risks.	CDP C2.2   C2.2a	CR Report, Governance p68–69 Annual Report p47	
		c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.		CR Report, Governance p68 Annual Report p42–45	
Metrics and targets	Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.	a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	CDP C2.1b   C2.3a	Data Appendix, Environment p21–22	
	Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.	b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.	GRI 305: Emissions 2016   305–1, 305–2, 305–3 CDP C2.2a   C6.1   C6.3   C6.5	Data Appendix, Environment p17–20, CR Report, Governance p69	
	Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.	c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	CDP C1.3   C4.1   C4.1c   C4.2.	CR Report, Governance p69	Cairn has Indicative carbon intensities for acquisition purposes, performance against IEA scenarios. No specific gross reduction target in 2020.

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Energy Industry Specific Metrics	Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.	Estimated Scope 3 emissions, including methodologies and emission factors used	GRI 305; Emissions 2016   305-3 CDP C6.5 CDP: EU4.3	Data Appendix, Environment p20-21	Partial – business travel only in 2020.
		Revenues/savings from investments in low-carbon alternatives (e.g., R&D, equipment, products or services)	CDP: CC3.2, 3.3, CC6.1 SASB: NR0103-14	Data Appendix, Governance p42	Zero
		Describe current carbon price or range of prices used	CDP C11.3 CDP: CC2.2 SASB: NR0101-22, NR0201-16		IEA scenarios Stated Policies Scenario and Sustainable Development Scenario used in 2018 and 2019. Revised to include IEA's Delayed Recovery Scenario 2050.
		Expenditures (OpEx) for low carbon alternatives (e.g., R&D, equipment, products, or services)	GRI: G4-OG2 CDP: EU4.3	Data Appendix, Environment p24	Zero
		Proportion of capital allocation to long-lived assets versus short-term assets		AR 2020 Section 3 – Working Capital, Financial Instruments and Long-Term Liabilities (p151-160)	
		Percent water withdrawn in regions with high or extremely high baseline water stress	SASB: IF0101- 06C CDP Water W1.2d		100% of material water use in Mexico in 2020 (high baseline water stress). Saline use 3,095 m <sup>3</sup> , freshwater 2,546 m <sup>3</sup> .
		Amount of gross global Scope 1 emissions from: (1) combustion, (2) flared hydrocarbons, (3) process emissions, (4) directly vented releases, and (5) fugitive emissions/leaks	SASB: NR0101-01	Data Appendix, Environment p18-19	No operated flaring, venting or process related emissions in 2020. Scope 1 emissions arise from combustion of fuel only.
		Indicative costs of supply for current and committed future projects (e.g., through a cost curve or indicative price range. This could be broken down by product, asset, or geography)	CDP: CC3.3		Not available in 2020
		Assets committed in regions with high or extremely high baseline water stress	SASB: IF0101-06 CDP Water W1.2d		Extremely High Baseline Water Stress location: Israel operated offshore blocks (39, 40, 45, 46, 47, 48, 52, 53). No activities or freshwater extraction in 2020. High Baseline Water Stress location: Mexico operated offshore blocks (9, 15).
		Investment (CapEx) in low carbon alternatives (e.g., capital equipment or assets)	GRI: G4-OG2 CDP: EU4.3	Data Appendix, Environment p24	Zero
		A breakdown of reserves by type and an indication of associated emissions factors to provide insight into potential future emissions	SASB:NR0101-23		Not available in 2020
Capital payback periods or return on capital deployed	CDP: CC3.3		Capital Productivity Index and Internal Rate of Return are used but are commercially sensitive.		