

CDP Reporter Services Climate Change Benchmark Report



The following custom report has been prepared by CDP Reporter Services for **Company Name** using the public responses of peer companies from the CDP 2019 climate change information request. CDP's alignment with the Task Force on Climate-related Financial Disclosures (TCFD) has informed the content of this report, which addresses the four main themes of the TCFD recommendations: Governance, Strategy, Risk Management, and Metrics and Targets. CDP has also included a section on Renewable Energy as we see value in benchmarking renewable energy consumption and generation against peers.

cdp.net/en/companies/reporter-services

Your score

Average performance

C

C

B-

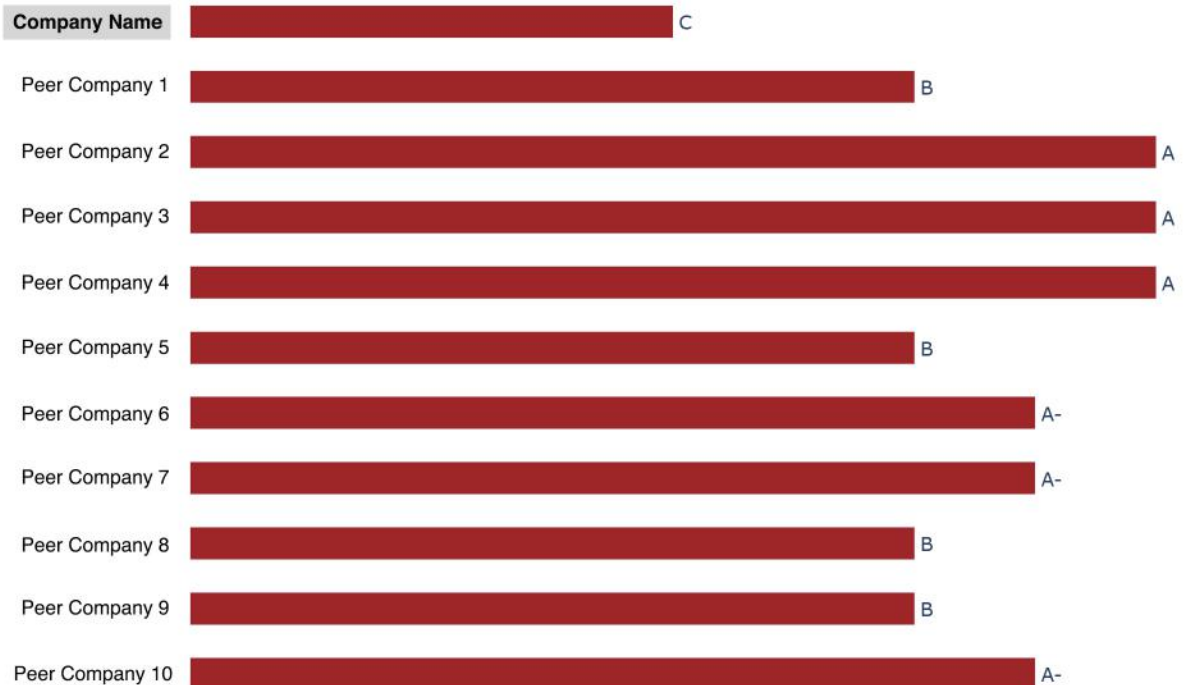
A-

Company Name

All public responders

Company Sector

Benchmark sample



Governance

The TCFD recommends organizations to disclose their governance around climate-related risks and opportunities. The financial community is interested in understanding an organization's governance to support evaluations of whether climate-related issues receive appropriate board and management attention.

% with board oversight

Inclusion of climate-related issues at the board level suggests a company's commitment to putting climate change risks at the forefront of their business strategy, risk management policies, budgets, and objectives.



83%
All public responders



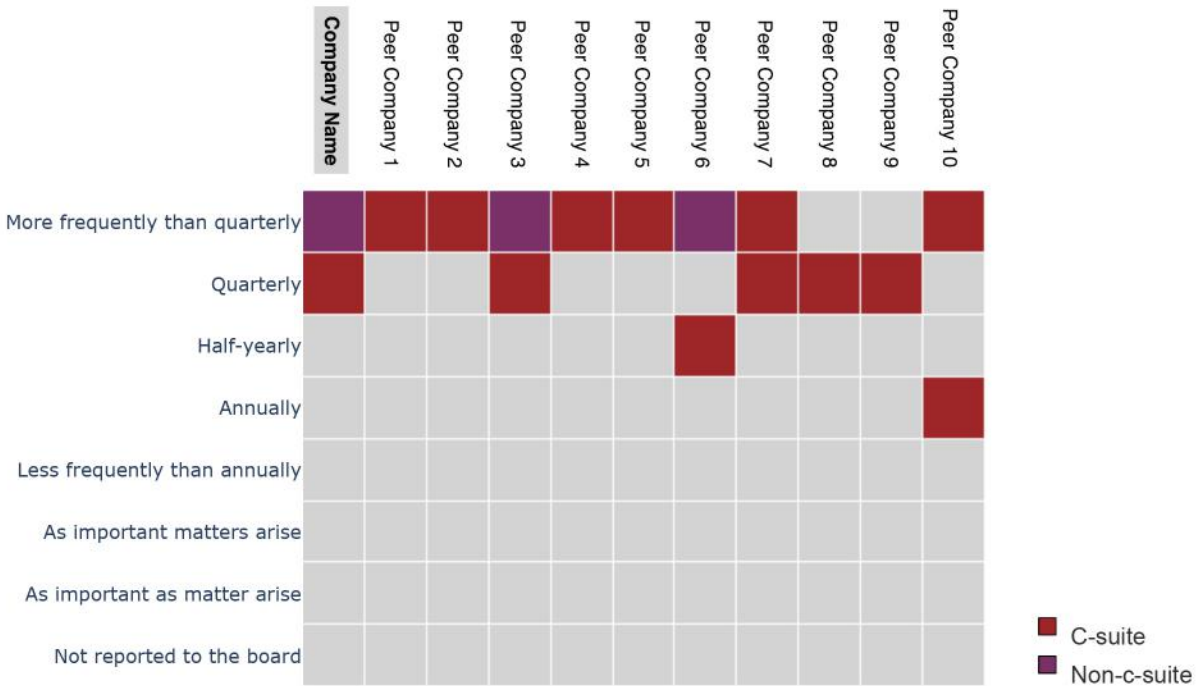
94%
Company Sector



100%
Benchmark sample

Frequency of reporting to the board on climate-related issues

Assigning management-level responsibility indicates that the organization is committed to implementing a climate-related strategy. CDP considers it best practice to report to the board at least quarterly.



% with climate-related incentives

CDP considers it best practice to provide incentives for climate-related behaviors and performances. Companies that provide such incentives encourage their employees to address climate-related issues and impacts of the business.



65%
All public responders



83%
Company Sector



100%
Benchmark sample

Strategy

The TCFD recommends organizations to disclose the actual and potential impacts of climate-related risks and opportunities on the organization's business, strategy, and financial planning where such information is material. Information on climate-related strategy is necessary to inform stakeholder expectations about the future financial performance of an organization.

% integrating climate change into business strategy



81%
All public responders



93%
Company Sector



100%
Benchmark sample

Scenario analysis

There are a number of scenarios available to companies committed to long-term strategic and financial planning. Included below are the scenarios utilized by peer companies

% using climate related scenario analysis



33%
All public responders



50%
Company Sector



82%
Benchmark sample

Organization	Scenarios
Company Name	P9XCA; IEA Sustainable development scenario; Climate analytics
Peer Company 1	IEA Sustainable development scenario; Company scenarios; Contributions to the KonKraft initiative
Peer Company 2	RCP 2.6; RCP 8.5
Peer Company 3	RCP 4.5; RCP 8.5; 2DS
Peer Company 4	IEA 450; renewable scenario
Peer Company 5	
Peer Company 6	
Peer Company 7	2DS
Peer Company 8	RCP 2.6; RCP 8.5; IEA 450; IEA B2DS; IRENA
Peer Company 9	2DS
Peer Company 10	IEA Sustainable development scenario; Total Energy Outlook

Risk Management

The TCFD recommends organizations to disclose how they identify, assess, and manage climate-related risks. Users of climate-related financial disclosures evaluate this information to determine an organization's risk profile and management activities.

% integrating climate-related issues into multi-disciplinary company-wide risk identification, assessment, and management processes



65%
All public responders



85%
Company Sector



100%
Benchmark sample

Frequency and timeframe

Companies monitoring climate-related risks **six-monthly or more frequently** :



Companies monitoring climate-related risks **>6 years** into the future:



Relevant risks under assessment

The TCFD divided climate-related risks into those related to the transition to a lower-carbon economy and those related to the physical impacts of climate change. These are known as transition and physical risks, respectively, and are listed below.

	Company Name	Peer Company 1	Peer Company 2	Peer Company 3	Peer Company 4	Peer Company 5	Peer Company 6	Peer Company 7	Peer Company 8	Peer Company 9	Peer Company 10
Current regulation											
Emerging regulation											
Technology				Not relevant							
Legal											
Market									Not relevant		
Reputation									Not relevant		
Acute physical											
Chronic physical									Not relevant		
Upstream	Not relevant								Not relevant		
Downstream	Not relevant								Not relevant		

- Relevant, included
- Relevant, not included
- Not relevant
- Not evaluated
- Question not answered
- Question not applicable

Risk Management

The TCFD recommends organizations to disclose the actual and potential impacts of climate-related risks and opportunities on the organizations's business, strategy, and financial planning where such information is material.

% identifying climate-related risks with potential substantive financial or strategic impact



67%
All public responders



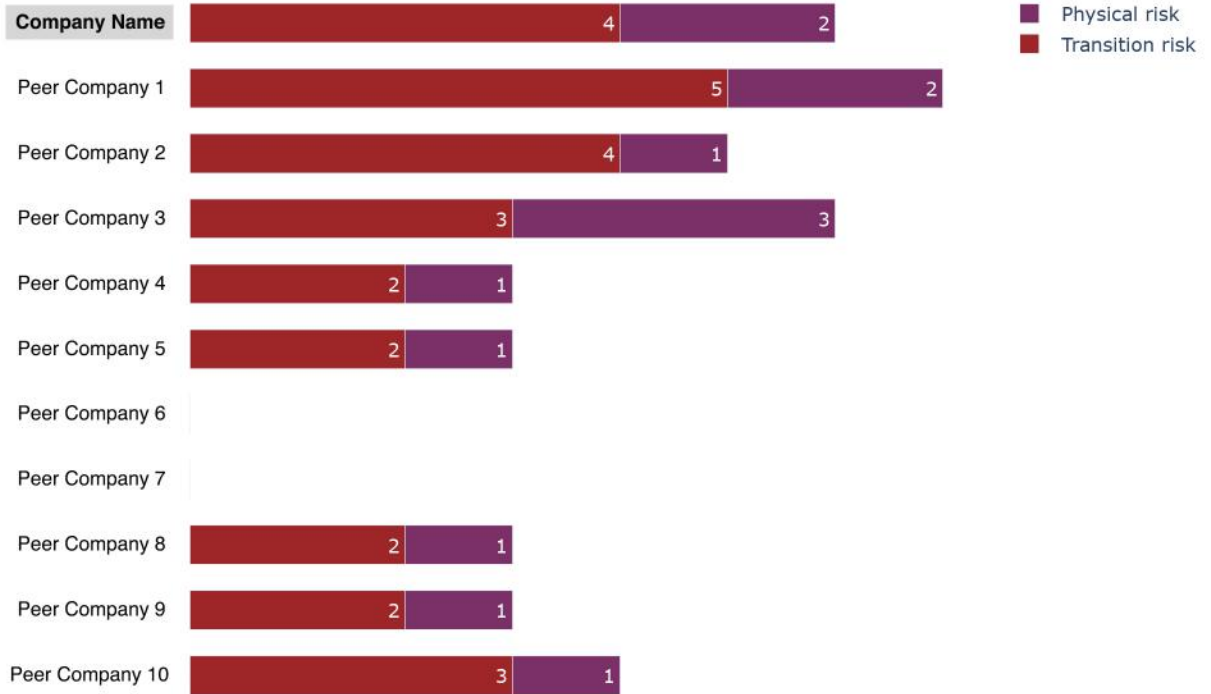
82%
Company Sector



82%
Benchmark sample

Climate-related risks: Number of physical vs transition risks disclosed

Climate-related risks can be divided into two major categories: those related to the **transition** to a low-carbon economy and risks associated with the **physical** impacts of climate change.



Financial impact of climate-related risks

The financial impacts an organization faces are driven by the underlying climate-related risks the organization is exposed to and how effective its risk management decisions and mitigation strategies are. The average financial impact figures below are based on risks that have been reported as "Very likely" or "Virtually certain" to occur.

Physical risks

Group	Average financial impact per risk (USD)
Company Sector	137,890,261.16
Benchmark sample	86,347,869.19
Company Name	No data

Transition risks

Group	Average financial impact per risk (USD)
Company Sector	966,777,069.84
Benchmark sample	43,336,504.79
Company Name	No data

Metrics & Targets

The TCFD recommends organizations to disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities where such information is material. Stakeholders can use an organization's metrics and targets to assess its general exposure to climate-related issues and progress in managing or adapting to those issues, as well as provide a basis upon which to compare organizations within a sector/industry.

Emissions intensity (Scope 1 and 2)

Emissions intensity measures describe an organization's CO₂e emissions in the context of another business metric. In this way, the emissions are normalized to account for growth, etc. Historically, stakeholders have tracked environmental performance with intensity ratios.

Organization	Scope 1 & 2 Emissions	Revenue (million USD)	Emission Intensity
Company Name	32158.0*	0.0000061	5.3
Peer Company 1	69202011.0*	66.1	0.001
Peer Company 2	2182751.0*	2.91	0.00075
Peer Company 3	904679.0*	3.75	0.00024
Peer Company 4	238705.0*	1.68	0.00014
Peer Company 5	1556688.0*	24.51	0.000064
Peer Company 6	1432219.53*	26.89	0.000053
Peer Company 7	954677.0*	37.59	0.000025
Peer Company 8	371553.0*	20.89	0.000018
Peer Company 9	34161.0*	21.53	0.0000016
Peer Company 10	44218026.0		

* By default Scope 2 market-based figures were used, indicated by an asterisk; if these were not provided, location-based figures were used.

Carbon pricing

Internal carbon pricing has emerged as a multifaceted tool that supports companies in assessing climate-related risks and opportunities, and transitioning to low-carbon activities. Investors want to know more about organizations who attribute a monetary value to these risks and translate them into a uniform metric.

% with internal price on carbon



16%
All public responders



25%
Company Sector



64%
Benchmark sample

Metrics & Targets

Scope 3 emissions

Scope 3 emissions can represent the largest source of emissions for organizations and present the most significant opportunities to influence GHG reductions and achieve GHG-related business objectives, offering critical insight for stakeholders.

- Relevant, calculated
- Not relevant, explanation provided
- Not evaluated
- Relevant, not yet calculated
- Not relevant, calculated
- Question not answered

	Company Name	Peer Company 1	Peer Company 2	Peer Company 3	Peer Company 4	Peer Company 5	Peer Company 6	Peer Company 7	Peer Company 8	Peer Company 9	Peer Company 10
Purchased goods and services		Relevant, not yet calculated	Relevant, calculated	Relevant, calculated	Relevant, calculated	Relevant, calculated	Relevant, calculated	Relevant, calculated	Relevant, calculated	Not relevant, explanation provided	Relevant, calculated
Capital goods		Relevant, not yet calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated
Fuel-and-energy-related activities (not included in Scope 1 or 2)		Relevant, not yet calculated	Relevant, calculated	Relevant, calculated	Relevant, calculated	Relevant, calculated	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided
Upstream transportation and distribution		Relevant, not yet calculated	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated
Waste generated in operations		Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated
Business travel		Relevant, calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated	Relevant, calculated	Relevant, calculated	Relevant, calculated	Not relevant, calculated
Employee commuting		Relevant, not yet calculated	Relevant, not yet calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated	Relevant, calculated	Not relevant, explanation provided	Relevant, calculated	Not relevant, calculated
Upstream leased assets		Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided
Downstream transportation and distribution		Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated	Relevant, calculated	Relevant, calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, calculated	Relevant, calculated	Relevant, calculated
Processing of sold products		Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided
Use of sold products		Relevant, calculated	Not relevant, explanation provided	Relevant, calculated	Relevant, calculated	Relevant, calculated	Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated	Relevant, calculated	Relevant, calculated
End of life treatment of sold products		Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, calculated	Relevant, calculated	Not relevant, explanation provided
Downstream leased assets		Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided
Franchises		Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided
Investments		Relevant, calculated	Not relevant, explanation provided	Not relevant, explanation provided	Relevant, calculated	Not relevant, explanation provided	Relevant, not yet calculated	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided	Not relevant, explanation provided

Metrics & Targets

Science-based targets

Science based targets ensure a company is taking shorter-term action to reduce emissions at a pace that is consistent with keeping warming below 1.5°C or well below 2°C.

sciencebasedtargets.org



% committed to setting a science-based target



12%
All public responders

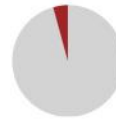


16%
Company Sector

% with an approved science-based target



6.9%
All public responders



4.3%
Company Sector

Organization	Absolute Target	Intensity Target	Committed to SBT	SBT Approved	Temperature Alignment
Company Name	Yes		Yes		
Peer Company 1	Yes	Yes	Yes	Yes	2C
Peer Company 2	Yes	Yes	Yes	Yes	2C
Peer Company 3	Yes	Yes	Yes	Yes	2C
Peer Company 4		Yes	Yes		
Peer Company 5	Yes		Yes		
Peer Company 6		Yes			
Peer Company 7	Yes		Yes		
Peer Company 8	Yes	Yes			
Peer Company 9	Yes	Yes	Yes	Yes	1.5C
Peer Company 10	Yes	Yes			

Renewable energy

Energy related activities represent, for many sectors, the most significant GHG emissions sources. Shifting to renewable energy consumption showcases climate resiliency and is considered best practice by CDP. Many companies identify climate-related opportunities in procuring energy from renewable sources.

Average percent of energy consumed from renewable sources - Company Sector



4.2%
Consumption of renewable fuel



13%
Consumption of renewable purchased or acquired cooling



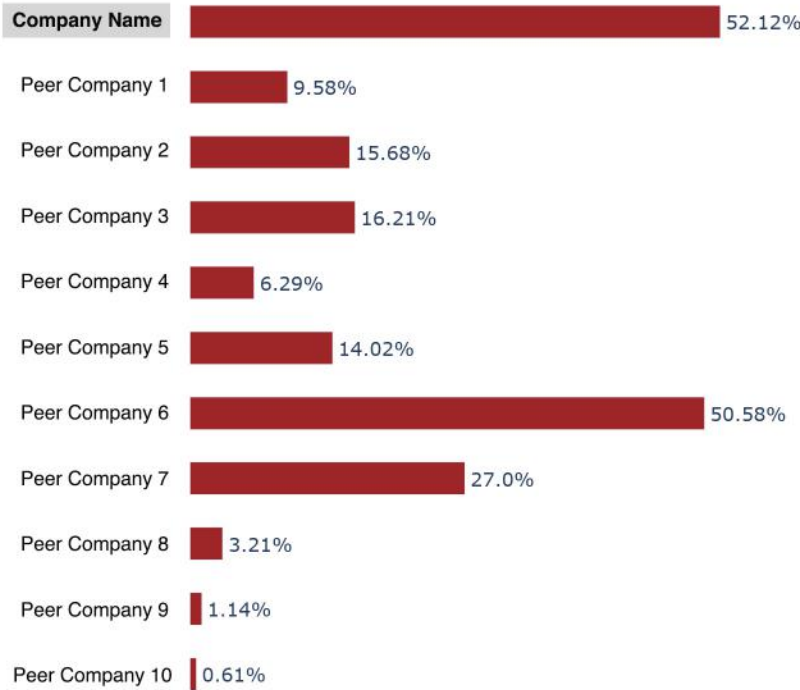
38%
Consumption of renewable purchased or acquired electricity



17%
Consumption of renewable purchased or acquired heat

Share of renewable energy consumed

CDP considers it best practice to consume 100% of energy from renewable sources.

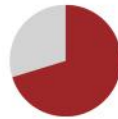


Average percent of electricity generated from renewable sources

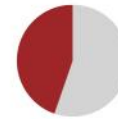
CDP considers it best practice for companies to have 50% or more of their gross energy generation from renewable sources.



48%
All public responders



70%
Company Sector



45%
Benchmark sample

If you are interested in diving deeper into the data presented in this report, please reach out to your account manager or reporterservices@cdp.net