



CLIMATE TRANSPARENCY REPORT 2020

California Public Employees' Retirement System CalPERS

About the Climate-related Disclosure Indicators

Climate has been identified as a top priority for PRI signatories, with over 70% of asset owners reporting this as the most important long-term trend they are acting on.

The FSB Task Force's guidance on climate-related financial disclosure aim to create a single framework for disclosure on assessment and management of climate-related risk. The recommendations, supported by investors representing US\$22 trillion, identify four main disclosures, Governance, Strategy, Risk Management, Metrics and Targets, and include specific guidance for asset owners and managers.

As a result, the PRI introduced climate-related disclosure indicators that can be used to align with the TCFD recommendations in the 2020 PRI Reporting Framework.

About this report

This report is an export of only the climate-related indicators from the 2020 Reporting Framework response. The full Public Transparency Report is available here (<https://reporting.unpri.org/surveys/PRI-reporting-framework-2020/-61E3ECC1-2258-446F-98DB-E2C2662D6064/79894dbc337a40828d895f9402aa63de/html/2/?lang=en&a=1>). It shows the responses to all the completed climate indicators, even those you chose to keep private. It is designed for your internal review or – if you wish - to share with your stakeholders.

The PRI will not publish this report on its website if you have designated your 2020 climate reporting as “private”. Otherwise, you will be able to access the Climate Transparency Report of your organisation and that of other signatories on the [PRI website](#) and on the [Data Portal](#).

To easily locate information, there is a **Recommendation index** which summarises the indicators that signatories complete and disclose. The report presents information exactly as it was reported as per signatory preference. Where an indicator offers a response option that is multiple-choice, all options that were available to the signatory are presented in this report.

TCFD Recommendations Index

Strategy and Governance - CC			TCFD Recommendation			
Indicator	Reported	Disclosure	Governance	Strategy	Risk Management	Metrics & Targets
SG 01.6 CC	✓	Private				
SG 01.7 CC	✓	Private				
SG 01.8 CC	✓	Private				
SG 01.9 CC	✓	Private				
SG 01.10 CC	✓	Private				
SG 07.5 CC	✓	Private				
SG 07.6 CC	✓	Private				
SG 07.7 CC	✓	Private				
SG 07.8 CC	✓	Private				
SG 13.1	✓	Public				
SG 13.2	✓	Public				
SG 13.4 CC	✓	Public				
SG 13.5 CC	✓	Public				
SG 13.6 CC	✓	Public				
SG 13.7 CC	✓	Public				
SG 13.8 CC	✓	Public				
SG 14.1	✓	Private				
SG 14.2	✓	Private				
SG 14.3	✓	Private				
SG 14.6 CC	✓	Private				
SG 14.7 CC	-	Private				
SG 14.8 CC	✓	Private				
SG 14.9 CC	✓	Private				
SG 15.1	✓	Private				
SG 15.2	✓	Private				
SG 15.3	✓	Private				

Symbol	Status
✓	The signatory has completed this sub-indicator
-	The signatory did not complete this sub-indicator.
	This indicator is relevant to the named TCFD recommendation
Within the first column "Indicator", indicators marked in blue are mandatory to complete. Indicators marked in grey are voluntary to complete.	

ORGANISATIONAL OVERVIEW

This section provides an overview of your organisation. These characteristics are used to define your peer groups.

MAIN CHARACTERISTICS	
Name	California Public Employees' Retirement System CalPERS
Signatory Category	Non-corporate pension or superannuation or retirement or provident fund or plan
Signatory Type	Asset Owner
Size	US\$ > 50 billion AUM
Main Asset Class	Multi-Asset
Signed PRI Initiative	2006
Region	North America
Country	United States
Disclosure of Voluntary Indicators	63% from 38 Voluntary indicators

California Public Employees' Retirement System CalPERS

Reported Information

Public version

Strategy and Governance

PRI disclaimer

This document presents information reported directly by signatories. This information has not been audited by the PRI Secretariat or any other party acting on their behalf. While this information is believed to be reliable, no representations or warranties are made as to the accuracy of the information presented, and no responsibility or liability can be accepted for any error or omission.

Investment policy

SG 01

Mandatory

Public

Core Assessed

General

New selection options have been added to this indicator. Please review your prefilled responses carefully.

SG 01.1

Indicate if you have an investment policy that covers your responsible investment approach.

Governance and human resources

ESG issues in asset allocation

SG 13

Mandatory

Public

Descriptive

PRI 1

SG 13.1

Indicate whether the organisation carries out scenario analysis and/or modelling, and if it does, provide a description of the scenario analysis (by asset class, sector, strategic asset allocation, etc.).

- Yes, in order to assess future ESG factors
- Yes, in order to assess future climate-related risks and opportunities

Describe

The climate scenario analysis we conducted is based on three climate scenarios provided by the International Energy Agency (IEA) on energy transition pathways (the 2°C, 4°C and 6°C Scenario) and two major carbon budget frameworks (SDA and GEVA) and one primary source of estimated future emissions (RCP).

- No, our organisation does not currently carry out scenario analysis and/or modelling

SG 13.2

Indicate if your organisation considers ESG issues in strategic asset allocation and/or allocation of assets between sectors or geographic markets.

We do the following

- Allocation between asset classes
- Determining fixed income duration
- Allocation of assets between geographic markets
- Sector weightings
- Other, specify

Within the Total Fund Policy, the Governance and Sustainability Strategy sets objectives to support the achievement of sustainable long-term target risk-adjusted returns.

- We do not consider ESG issues in strategic asset allocation

In September 2018, CalPERS launched a first of its kind strategic partnership with our external manager, Wellington Asset Management, and Woods Hole Research Center to enable us to better integrate climate science into our asset management. We believe the perspectives generated through this research partnership are helping us, and our external manager, Wellington, better understand and manage our portfolio's physical risk exposures. The long-term nature of the physical risk issues mean that performance will need to be evaluated on a longer horizon. <https://whrc.org/wellington-management-and-woods-hole-research-center-announce-initiative/>

SG 13 CC	Mandatory to Report Voluntary to Disclose	Public	Descriptive	General
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SG 13.4 CC	Describe how your organisation is using scenario analysis to manage climate-related risks and opportunities, including how the analysis has been interpreted, its results, and any future plans.
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- Initial assessment

Describe

In addition to working to understand Transition and Physical impacts, we are in the process of developing a methodology to more effectively integrate various climate scenarios into our investment risk analysis and decision-making.

These insights will inform the multiple different facets of our climate risk management strategy, including climate-aware capital allocation, corporate engagement, and advocacy more generally.

As a long-horizon asset owner holding a diversified growth-oriented portfolio, we are acutely aware of the impact of real economic conditions on our portfolio's outcome. Managing climate risk as a fiduciary duty means integrating climate in our investment process, ranging from strategic allocation to security selection activities. It also means being an active steward of the real economy and closely monitoring the actions of real economic actors regarding climate system.

- Incorporation into investment analysis
- Inform active ownership
- Other

SG 13.5 CC	Indicate who uses this analysis.
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- Board members, trustees, C-level roles, Investment Committee
- Portfolio managers
- Dedicated responsible investment staff
- External managers
- Investment consultants/actuaries
- Other

SG 13.6 CC	Indicate whether your organisation has evaluated the potential impact of climate-related risks, beyond the investment time horizon, on its investment strategy.
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- Yes
- No

Please explain the rationale

As a long-term investor, CalPERS evaluates the impact of climate-related risks over a longer term. Current science data and modelling supports analysis through 2050, however CalPERS investment horizon extends beyond this time.

SG 13.7
CC

Indicate whether a range of climate scenarios is used.

- Analysis based on a 2°C or lower scenario
- Analysis based on an abrupt transition, consistent with the Inevitable Policy Response
- Analysis based on a 4°C or higher scenario
- No, a range is not used

SG 13.8
CC

Indicate the climate scenarios your organisation uses.

Provider	Scenario used	
IEA	<input checked="" type="checkbox"/> Beyond 2 Degrees Scenario (B2DS)	
IEA	<input type="checkbox"/> Energy Technology Perspectives (ETP) 2 Degrees scenario	
IEA	<input checked="" type="checkbox"/> Sustainable Development Scenario (SDS)	
IEA	<input type="checkbox"/> New Policy Scenario (NPS)	
IEA	<input checked="" type="checkbox"/> Current Policy Scenario (CPS)	
IRENA	<input type="checkbox"/> RE Map	
Greenpeace	<input type="checkbox"/> Advanced Energy [R]evolution	
Institute for Sustainable Development	<input type="checkbox"/> Deep Decarbonisation Pathway Project (DDPP)	
Bloomberg	<input checked="" type="checkbox"/> BNEF reference scenario	
IPCC	<input type="checkbox"/> Representative Concentration Pathway (RCP) 8.5	
IPCC	<input checked="" type="checkbox"/> RPC 6	
IPCC	<input checked="" type="checkbox"/> RPC 4.5	
IPCC	<input checked="" type="checkbox"/> RPC 2.6	
Other	<input checked="" type="checkbox"/> Other (1)	<div style="background-color: #0070C0; color: white; padding: 2px;">Other (1) please specify:</div> RPC 8.5
Other	<input type="checkbox"/> Other (2)	
Other	<input type="checkbox"/> Other (3)	