



PUBLIC TRANSPARENCY REPORT

2023

PGIM Quantitative Solutions

Generated 15-12-2023

About this report

PRI reporting is the largest global reporting project on responsible investment. It was developed with investors, for investors.

PRI signatories are required to report publicly on their responsible investment activities each year. In turn, they receive a number of outputs, including a public and private Transparency Report.

The public Transparency Reports, which are produced using signatories' reported information, provide accountability and support signatories to have internal discussions about their practices and to discuss these with their clients, beneficiaries, and other stakeholders.

This public Transparency Report is an export of the signatory's responses to the PRI Reporting Framework during the 2023 reporting period. It includes the signatory's responses to core indicators, as well as responses to plus indicators that the signatory has agreed to make public.

In response to signatory feedback, the PRI has not summarised signatories' responses – the information in this document is presented exactly as it was reported.

For each of the indicators in this document, all options selected by the signatory are presented, including links and qualitative responses. In some indicators, all applicable options are included for additional context.

Disclaimers

Responsible investment definitions

Within the PRI Reporting Framework Glossary, we provide definitions for key terms to guide reporting on responsible investment practices in the Reporting Framework. These definitions may differ from those used or proposed by other authorities and regulatory bodies due to evolving industry perspectives and changing legislative landscapes. Users of this report should be aware of these variations, as they may impact interpretations of the information provided.

Data accuracy

This document presents information reported directly by signatories in the 2023 reporting cycle. This information has not been audited by the PRI or any other party acting on its behalf. While this information is believed to be reliable, no representations or warranties are made as to the accuracy of the information presented.

The PRI has taken reasonable action to ensure that data submitted by signatories in the reporting tool is reflected in their official PRI reports accurately. However, it is possible that small data inaccuracies and/or gaps remain, and the PRI shall not be responsible or liable for such inaccuracies and gaps.

Table of Contents

Module	Page
SENIOR LEADERSHIP STATEMENT (SLS)	4
ORGANISATIONAL OVERVIEW (OO)	7
POLICY, GOVERNANCE AND STRATEGY (PGS)	16
LISTED EQUITY (LE)	40
CONFIDENCE-BUILDING MEASURES (CBM)	47

SENIOR LEADERSHIP STATEMENT (SLS)

SENIOR LEADERSHIP STATEMENT

SENIOR LEADERSHIP STATEMENT

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
SLS 1	CORE	N/A	N/A	PUBLIC	Senior Leadership Statement	GENERAL

Section 1. Our commitment

- Why does your organisation engage in responsible investment?
- What is your organisation's overall approach to responsible investment, and what major responsible investment commitment(s) have you made?

As quantitative investors, we utilize a variety of information and data in our investment process. This holistic approach can identify risks across many dimensions, including company-specific risks and risks that can surface in the economic, business, and regulatory environments. Since ESG factors comprise just one dimension of the overall risk environment, our approach to ESG is therefore an extension of this overall risk analysis. Specifically, it further identifies material risk arising from companies' interactions with their customers, suppliers, employees etc., that could exert potential influence on companies' financial outcomes.

Our approach has the flexibility and depth to allow us to further broaden our analysis of material issues to encompass a wider set of sustainability concerns and more strongly reflect sector/country impacts on companies' sustainability behaviors. We can extend our analysis to focus on the impact companies have on the environment and society by leveraging a novel approach to quantify company alignment with the Sustainable Development Goals to gauge the impact a company's product/services are having on the world.

The combined outcome is that we can assess the consequences of a company's internal activities and also the external impacts of its products and services. Importantly, our quantitative investment style allows us to develop these insights across all companies within our investment universe allowing us to adopt a truly global approach to sustainable investing.

Underpinning our capability is deep research. The incorporation of (1) material risks, (2) sustainability considerations, or (3) impact insights into client portfolios is preceded by extensive research and testing before incorporation into a client solution. We have a thorough understanding of how these features interact with and contribute to risk and returns outcomes for our clients before any investment actions are taken. Furthermore, when these features are integrated into client portfolios, our portfolio engineering results in outcomes that produce intentional, consistent, and transparent exposures. Our quantitative expertise also allows us to further customize investment solutions around sustainability features, universe, risk level, and expected return. Giving clients options and a voice in articulating their investment values, guidelines, and beliefs is at the core of our process.

Beyond portfolio investment activities, we firmly believe in the importance of effective stewardship and engagement as a mechanism to proactively address companies' material risks or egregious sustainability behaviors. Additionally, as quantitative investors managing highly diversified portfolio across global universes, we view "market-level" engagement with policy makers and regulators as well as collaboration with industry organizations to promote improved disclosure of information that could enhance outcomes for client portfolios as critical to our ESG investment process.

As a firm, we have made several public commitments in relation to ESG and responsible investing. These include:

- Signatory to Principles for Responsible Investment (2015)
- Member of the IFRS Investor Advisory Group (2017)
- Publicly support the Task Force on Climate-Related Financial Disclosures (2018)
- Associate member of the Council of Institutional Investors (2019)
- Publicly support the Paris Agreement (2020)
- Signatory to the CDP (2023)

Based on discussions with the PRI, the AUM we are reporting does not include our passive or multi-asset AUM. PGIM Quant is an active quantitative equities manager and only provides passive management upon client request. For our multi-asset AUM, PGIM Quant does not select the third-party underlying external investment managers and there is currently no reporting module for asset allocators. As of 6/30/2023, PGIM Quant's total AUM, including passive equities and multi-asset, was \$95.2 billion. Of this amount, as of 6/30/2023, PGIM Quant had \$23.9 billion in passive and \$43.3 billion in multi-asset AUM. This number does not include assets of PGIM Wadhvani, LLP, which remains a separate legal entity.

Section 2. Annual overview

- Discuss your organisation's progress during the reporting year on the responsible investment issue you consider most relevant or material to your organisation or its assets.
- Reflect on your performance with respect to your organisation's responsible investment objectives and targets during the reporting year. Details might include, for example, outlining your single most important achievement or describing your general progress on topics such as the following (where applicable):
 - refinement of ESG analysis and incorporation
 - stewardship activities with investees and/or with policymakers
 - collaborative engagements
 - attainment of responsible investment certifications and/or awards

During 2022 we have taken significant steps to refine our ESG analysis and its incorporation into our quantitative equity strategies.

To improve our ESG analysis we have:

- Broadened the data sources used and the breadth of material risk issues considered
- Improved how we combine metrics into material risk issue scores
- Neutralized factors that could confound the determination of material risk issues
- Improved the confidence threshold required to determine whether company-disclosed data is meaningful
- Generated insights about companies that do not disclose data, allowing us to assign a materiality-risk score even in the absence of direct data disclosures

We have also improved our assessment of broader sustainability attributes to promote exposure to companies with more effective sustainability management. These enhancements build on our material event risk factors to include additional sustainability attributes often not deemed of immediate material importance. We weight materiality considerations with general sustainability attributes differently in each industry, another improvement.

As a result of these enhancements, we have integrated material risk insights incorporating ESG-related insights into the majority of our quantitative equity strategies. We have also translated our ESG research into custom portfolio solutions that can meet specific client preferences and objectives related to overall ESG, specific ESG exposures (Low Carbon Emissions, Low Water Usage), and specific investment restrictions.

We enhanced our stewardship program to identify and support the complete opportunity set of third-party led engagements. We overlay active engagements on current portfolio holdings to identify those engagements relevant to outcomes sought by clients. For engagements that overlap with current portfolio holdings, we participate in organized calls with company management, to learn about and support: 1) information to help understand actions taken to address material risk; 2) information about possible future actions to address material risk; 3) encouraging and enhancing public disclosure of additional data to improve our investment decision-making process.

For sustainability-focused and impact strategies, we have also initiated a program that allows us to further engage with companies whose conduct violates international norms to uncover information about said conduct and determine steps to mitigate such future conduct.

We continue to expand our support of and participation in collaborative engagements. To that end, PGIM Quant has signed on in support of the consolidation of the Value Reporting Foundation (fka SASB) and the International Financial Reporting Standards (IFRS) to form the International Sustainability Standards Board (ISSB). In addition, we have partnered with PGIM several public policy consultations, including:

- ISSB Exposure Draft IFRS S1: General Requirements for Disclosure of Sustainability-related Financial Information and Exposure Draft IFRS S2: Climate-related Disclosures
- SEC Request for Comment on the Proposed Enhancement and Standardization of Climate-Related Disclosures for Investors
- SEC Enhanced Disclosures by Certain Investment Advisors and Investment Companies about Environmental, Social, and Governance Investment Practices

We became a signatory to the CDP, participating in the non-disclosure campaign, which encourages better corporate disclosures (target: 1300 companies, commencement: May 2023).

Section 3. Next steps

- What specific steps has your organisation outlined to advance your commitment to responsible investment in the next two years?

PGIM Quant is dedicated to extending and expanding our commitment to responsible investment. Over the past year, we have been developing a multi-thematic impact strategy, with the intention of further building out our impact investing capability to allow investors to gain greater access to emerging growth opportunities and/or complement their existing ESG investments. To that end, we aim to continue to conduct ongoing ESG research and regularly publish our insights and thought leadership content to help advance the understanding of ESG by both our clients, as well as within the greater investment community. We seek to further explore and apply more timely insights to our investment processes as we strive to identify new approaches to best reflect client ESG preferences that can optimally balance portfolio risk and return objectives.

We plan to continue evaluating and incorporating new ESG data sources into our investment process in order to broaden and enrich coverage of specific ESG issues. Part of this expansion of data sources will include broadening our partnerships with select emerging FinTech companies and using multiple data sets to eliminate noise. Collecting, processing, and storing an evolving and expanding catalogue of raw ESG metrics across various data sources will help us to target complex and direct ESG views.

On the engagement front, we plan to further expand our engagement activities to proactively encourage companies to address material risks that they face and/or that do not align with those best practices that have been shown to increase shareholder value. In the coming year, we anticipate materially increasing the number of engagements we conduct on an annual basis (in 2022 we voted on 50,000+ proxies and supported more than 400 engagements) and intend to broaden the types of issues on which we seek engagement.

Section 4. Endorsement

'The Senior Leadership Statement has been prepared and/or reviewed by the undersigned and reflects our organisation-wide commitment and approach to responsible investment'.

Name

George Patterson

Position

Chief Investment Officer

Organisation's Name

PGIM Quantitative Solutions

A

'This endorsement applies only to the Senior Leadership Statement and should not be considered an endorsement of the information reported by the above-mentioned organisation in the various modules of the Reporting Framework. The Senior Leadership Statement serves as a general overview of the above-mentioned organisation's responsible investment approach. The Senior Leadership Statement does not constitute advice and should not be relied upon as such. Further, it is not a substitute for the skill, judgement and experience of any third parties, their management, employees, advisors and/or clients when making investment and other business decisions'.

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ORGANISATIONAL OVERVIEW (OO)

ORGANISATIONAL INFORMATION

REPORTING YEAR

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 1	CORE	N/A	N/A	PUBLIC	Reporting year	GENERAL

What is the year-end date of the 12-month period you have chosen to report for PRI reporting purposes?

	Date	Month	Year
Year-end date of the 12-month period for PRI reporting purposes:	30	06	2023

SUBSIDIARY INFORMATION

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 2	CORE	N/A	OO 2.1	PUBLIC	Subsidiary information	GENERAL

Does your organisation have subsidiaries?

- (A) Yes
- (B) No

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 2.1	CORE	OO 2	OO 2.2	PUBLIC	Subsidiary information	GENERAL

Are any of your organisation's subsidiaries PRI signatories in their own right?

- (A) Yes
- (B) No

ASSETS UNDER MANAGEMENT

ALL ASSET CLASSES

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 4	CORE	OO 3	N/A	PUBLIC	All asset classes	GENERAL

What are your total assets under management (AUM) at the end of the reporting year, as indicated in [OO 1]?

USD

(A) AUM of your organisation, including subsidiaries, and excluding the AUM subject to execution, advisory, custody, or research advisory only

US\$ 28,000,000,000.00

(B) AUM of subsidiaries that are PRI signatories in their own right and excluded from this submission, as indicated in [OO 2.2]

US\$ 0.00

(C) AUM subject to execution, advisory, custody, or research advisory only

US\$ 261,400,000.00

Additional information on the exchange rate used: (Voluntary)

See additional AUM disclosures in the Senior Leadership Statement.

ASSET BREAKDOWN

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 5	CORE	OO 3	Multiple indicators	PUBLIC	Asset breakdown	GENERAL

Provide a percentage breakdown of your total AUM at the end of the reporting year as indicated in [OO 1].

	(1) Percentage of Internally managed AUM	(2) Percentage of Externally managed AUM
(A) Listed equity	>75%	0%
(B) Fixed income	0%	0%
(C) Private equity	0%	0%
(D) Real estate	0%	0%
(E) Infrastructure	0%	0%

(F) Hedge funds	0%	0%
(G) Forestry	0%	0%
(H) Farmland	0%	0%
(I) Other	0%	0%
(J) Off-balance sheet	0%	0%

ASSET BREAKDOWN: INTERNALLY MANAGED LISTED EQUITY

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 5.3 LE	CORE	OO 5	Multiple	PUBLIC	Asset breakdown: Internally managed listed equity	GENERAL

Provide a further breakdown of your internally managed listed equity AUM.

(A) Passive equity	0%
(B) Active – quantitative	>75%
(C) Active – fundamental	0%
(D) Other strategies	0%

GEOGRAPHICAL BREAKDOWN

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 7	CORE	Multiple, see guidance	N/A	PUBLIC	Geographical breakdown	GENERAL

How much of your AUM in each asset class is invested in emerging markets and developing economies?

AUM in Emerging Markets and Developing Economies

(A) Listed equity

(2) >0 to 10%

STEWARDSHIP

STEWARDSHIP

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 8	CORE	Multiple, see guidance	Multiple indicators	PUBLIC	Stewardship	GENERAL

Does your organisation conduct stewardship activities, excluding (proxy) voting, for any of your assets?

(1) Listed equity - active

(A) Yes, through internal staff

(B) Yes, through service providers

(C) Yes, through external managers

(D) We do not conduct stewardship

STEWARDSHIP: (PROXY) VOTING

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 9	CORE	Multiple, see guidance	Multiple indicators	PUBLIC	Stewardship: (Proxy) voting	GENERAL

Does your organisation conduct (proxy) voting activities for any of your listed equity holdings?

(1) Listed equity - active

(A) Yes, through internal staff	<input checked="" type="checkbox"/>
(B) Yes, through service providers	<input checked="" type="checkbox"/>
(C) Yes, through external managers	<input type="checkbox"/>
(D) We do not conduct (proxy) voting	<input type="radio"/>

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 9.1	CORE	OO 9	PGS 10.1, PGS 31	PUBLIC	Stewardship: (Proxy) voting	GENERAL

For each asset class, on what percentage of your listed equity holdings do you have the discretion to vote?

Percentage of your listed equity holdings over which you have the discretion to vote

(A) Listed equity – active	(11) >90 to <100%
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ESG INCORPORATION

INTERNALLY MANAGED ASSETS

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 11	CORE	Multiple, see guidance	Multiple indicators	PUBLIC	Internally managed assets	1

For each internally managed asset class, does your organisation incorporate ESG factors into your investment decisions?

(1) Yes, we incorporate ESG factors into our investment decisions

(2) No, we do not incorporate ESG factors into our investment decisions

(B) Listed equity - active - quantitative



ESG STRATEGIES

LISTED EQUITY

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 17 LE	CORE	OO 11	OO 17.1 LE, LE 12	PUBLIC	Listed equity	1

Which ESG incorporation approach and/or combination of approaches does your organisation apply to your internally managed active listed equity?

Percentage out of total internally managed active listed equity

(A) Screening alone

0%

(B) Thematic alone

0%

(C) Integration alone

>75%

(D) Screening and integration

>0-10%

(E) Thematic and integration	0%
(F) Screening and thematic	0%
(G) All three approaches combined	0%
(H) None	>0-10%

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 17.1 LE	CORE	OO 17 LE	LE 9	PUBLIC	Listed equity	1

What type of screening does your organisation use for your internally managed active listed equity assets where a screening approach is applied?

Percentage coverage out of your total listed equity assets where a screening approach is applied

(A) Positive/best-in-class screening only	0%
(B) Negative screening only	>75%
(C) A combination of screening approaches	0%

ESG/SUSTAINABILITY FUNDS AND PRODUCTS

LABELLING AND MARKETING

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 18	CORE	OO 11–14	OO 18.1	PUBLIC	Labelling and marketing	1

Do you explicitly market any of your products and/or funds as ESG and/or sustainable?

(A) Yes, we market products and/or funds as ESG and/or sustainable

Provide the percentage of AUM that your ESG and/or sustainability-marketed products or funds represent:

>0-10%

- (B) No, we do not offer products or funds explicitly marketed as ESG and/or sustainable
- (C) Not applicable; we do not offer products or funds

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 18.1	CORE	OO 18	OO 18.2	PUBLIC	Labelling and marketing	1

Do any of your ESG and/or sustainability-marketed products and/or funds hold formal ESG and/or RI certification(s) or label(s) awarded by a third party?

- (A) Yes, our ESG and/or sustainability-marketed products and/or funds hold formal labels or certifications
- (B) No, our ESG and/or sustainability-marketed products and/or funds do not hold formal labels or certifications

SUMMARY OF REPORTING REQUIREMENTS

SUMMARY OF REPORTING REQUIREMENTS

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 21	CORE	Multiple indicators	Multiple indicators	PUBLIC	Summary of reporting requirements	GENERAL

The following table shows which modules are mandatory or voluntary to report on in the separate PRI asset class modules. Where a module is voluntary, indicate if you wish to report on it.

Applicable modules	(1) Mandatory to report (pre-filled based on previous responses)	(2.1) Voluntary to report. Yes, I want to opt-in to reporting on the module	(2.2) Voluntary to report. No, I want to opt-out of reporting on the module
Policy, Governance and Strategy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Confidence Building Measures	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
(B) Listed equity – active – quantitative	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

SUBMISSION INFORMATION

REPORT DISCLOSURE

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
OO 32	CORE	OO 3, OO 31	N/A	PUBLIC	Report disclosure	GENERAL

How would you like to disclose the detailed percentage figures you reported throughout the Reporting Framework?

- (A) Publish as absolute numbers
- (B) Publish as ranges

POLICY, GOVERNANCE AND STRATEGY (PGS)

POLICY

RESPONSIBLE INVESTMENT POLICY ELEMENTS

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 1	CORE	OO 8, OO 9	Multiple indicators	PUBLIC	Responsible investment policy elements	1, 2

Which elements are covered in your formal responsible investment policy(ies)?

- (A) Overall approach to responsible investment
- (B) Guidelines on environmental factors
- (C) Guidelines on social factors
- (D) Guidelines on governance factors
- (E) Guidelines on sustainability outcomes
- (F) Guidelines tailored to the specific asset class(es) we hold
- (G) Guidelines on exclusions
- (H) Guidelines on managing conflicts of interest related to responsible investment
- (I) Stewardship: Guidelines on engagement with investees
- (J) Stewardship: Guidelines on overall political engagement

- (K) Stewardship: Guidelines on engagement with other key stakeholders
- (L) Stewardship: Guidelines on (proxy) voting
- (M) Other responsible investment elements not listed here
 - (N) Our organisation does not have a formal responsible investment policy and/or our policy(ies) do not cover any responsible investment elements

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 2	CORE	PGS 1	Multiple, see guidance	PUBLIC	Responsible investment policy elements	1

Does your formal responsible investment policy(ies) include specific guidelines on systematic sustainability issues?

- (A) Specific guidelines on climate change (may be part of guidelines on environmental factors)
- (B) Specific guidelines on human rights (may be part of guidelines on social factors)
- (C) Specific guidelines on other systematic sustainability issues
 - Specify:
 - Water
 - (D) Our formal responsible investment policy(ies) does not include guidelines on systematic sustainability issues

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 3	CORE	PGS 1, PGS 2	N/A	PUBLIC	Responsible investment policy elements	6

Which elements of your formal responsible investment policy(ies) are publicly available?

- (A) Overall approach to responsible investment
 - Add link:
 - <https://www.pgimquantitativesolutions.com/node/502>
- (B) Guidelines on environmental factors
 - Add link:
 - <https://www.pgimquantitativesolutions.com/node/502>
- (C) Guidelines on social factors
 - Add link:
 - <https://www.pgimquantitativesolutions.com/node/502>
- (D) Guidelines on governance factors
 - Add link:
 - <https://www.pgimquantitativesolutions.com/node/502>
- (E) Guidelines on sustainability outcomes

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(F) Specific guidelines on climate change (may be part of guidelines on environmental factors)

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(G) Specific guidelines on human rights (may be part of guidelines on social factors)

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(H) Specific guidelines on other systematic sustainability issues

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(I) Guidelines tailored to the specific asset class(es) we hold

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(J) Guidelines on exclusions

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(K) Guidelines on managing conflicts of interest related to responsible investment

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(L) Stewardship: Guidelines on engagement with investees

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(N) Stewardship: Guidelines on engagement with other key stakeholders

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(O) Stewardship: Guidelines on (proxy) voting

Add link:

<https://www.pgimquantitativesolutions.com/node/502>

(Q) No elements of our formal responsible investment policy(ies) are publicly available

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 5	CORE	PGS 1	N/A	PUBLIC	Responsible investment policy elements	2

Which elements are covered in your organisation's policy(ies) or guidelines on stewardship?

(A) Overall stewardship objectives

(B) Prioritisation of specific ESG factors to be advanced via stewardship activities

- (C) Criteria used by our organisation to prioritise the investees, policy makers, key stakeholders, or other entities on which to focus our stewardship efforts
- (D) How different stewardship tools and activities are used across the organisation
- (E) Approach to escalation in stewardship
- (F) Approach to collaboration in stewardship
- (G) Conflicts of interest related to stewardship
- (H) How stewardship efforts and results are communicated across the organisation to feed into investment decision-making and vice versa
- (I) Other
- (J) None of the above elements is captured in our policy(ies) or guidelines on stewardship

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 6	CORE	PGS 1	N/A	PUBLIC	Responsible investment policy elements	2

Does your policy on (proxy) voting include voting principles and/or guidelines on specific ESG factors?

- (A) Yes, it includes voting principles and/or guidelines on specific environmental factors
- (B) Yes, it includes voting principles and/or guidelines on specific social factors
- (C) Yes, it includes voting principles and/or guidelines on specific governance factors
- (D) Our policy on (proxy) voting does not include voting principles or guidelines on specific ESG factors

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 7	CORE	OO 9	N/A	PUBLIC	Responsible investment policy elements	2

Does your organisation have a policy that states how (proxy) voting is addressed in your securities lending programme?

- (A) We have a publicly available policy to address (proxy) voting in our securities lending programme
- (B) We have a policy to address (proxy) voting in our securities lending programme, but it is not publicly available
- (C) We rely on the policy of our external service provider(s)
- (D) We do not have a policy to address (proxy) voting in our securities lending programme
- (E) Not applicable; we do not have a securities lending programme

RESPONSIBLE INVESTMENT POLICY COVERAGE

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 8	CORE	PGS 1	N/A	PUBLIC	Responsible investment policy coverage	1

What percentage of your total AUM is covered by the below elements of your responsible investment policy(ies)?

Combined AUM coverage of all policy elements

(A) Overall approach to responsible investment

(B) Guidelines on environmental factors

(C) Guidelines on social factors

(D) Guidelines on governance factors

(7) 100%

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 9	CORE	PGS 2	N/A	PUBLIC	Responsible investment policy coverage	1

What proportion of your AUM is covered by your formal policies or guidelines on climate change, human rights, or other systematic sustainability issues?

AUM coverage

(A) Specific guidelines on climate change

(1) for all of our AUM

(B) Specific guidelines on human rights

(1) for all of our AUM

(C) Specific guidelines on other systematic sustainability issues

(1) for all of our AUM

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 10	CORE	OO 8, OO 9, PGS 1	N/A	PUBLIC	Responsible investment policy coverage	2

Per asset class, what percentage of your AUM is covered by your policy(ies) or guidelines on stewardship with investees?

(A) Listed equity

(1) Percentage of AUM covered

- (1) >0% to 10%
- (2) >10% to 20%
- (3) >20% to 30%
- (4) >30% to 40%
- (5) >40% to 50%
- (6) >50% to 60%
- (7) >60% to 70%
- (8) >70% to 80%
- (9) >80% to 90%
- (10) >90% to <100%

(11) 100%

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 10.1	CORE	OO 9.1, PGS 1	N/A	PUBLIC	Responsible investment policy coverage	2

What percentage of your listed equity holdings is covered by your guidelines on (proxy) voting?

(A) Actively managed listed equity

(1) Percentage of your listed equity holdings over which you have the discretion to vote

- (1) >0% to 10%
- (2) >10% to 20%
- (3) >20% to 30%
- (4) >30% to 40%
- (5) >40% to 50%
- (6) >50% to 60%
- (7) >60% to 70%
- (8) >70% to 80%
- (9) >80% to 90%
- (10) >90% to <100%

(11) 100%

GOVERNANCE

ROLES AND RESPONSIBILITIES

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 11	CORE	N/A	Multiple indicators	PUBLIC	Roles and responsibilities	1

Which senior level body(ies) or role(s) in your organisation have formal oversight over and accountability for responsible investment?

- (A) Board members, trustees, or equivalent
 - (B) Senior executive-level staff, or equivalent**
- Specify:

PGIM Quant's ESG Executive Council is comprised of senior firm executives who oversee all of our ESG investing and stewardship efforts.

- (C) Investment committee, or equivalent
 - (D) Head of department, or equivalent**
- Specify department:

Working in concert with the Executive Council to set and execute ESG strategic initiatives is a deep team of professionals with representation from Investments, Distribution, Stewardship, Strategy and Product Development.

- (E) None of the above bodies and roles have oversight over and accountability for responsible investment

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 11.1	CORE	PGS 1, PGS 2, PGS 11	N/A	PUBLIC	Roles and responsibilities	1, 2

Does your organisation's senior level body(ies) or role(s) have formal oversight over and accountability for the elements covered in your responsible investment policy(ies)?

(2) Senior executive-level staff, investment committee, head of department, or equivalent

(A) Overall approach to responsible investment	<input checked="" type="checkbox"/>
(B) Guidelines on environmental, social and/or governance factors	<input checked="" type="checkbox"/>
(C) Guidelines on sustainability outcomes	<input checked="" type="checkbox"/>
(D) Specific guidelines on climate change (may be part of guidelines on environmental factors)	<input checked="" type="checkbox"/>
(E) Specific guidelines on human rights (may be part of guidelines on social factors)	<input checked="" type="checkbox"/>
(F) Specific guidelines on other systematic sustainability issues	<input checked="" type="checkbox"/>
(G) Guidelines tailored to the specific asset class(es) we hold	<input checked="" type="checkbox"/>
(H) Guidelines on exclusions	<input checked="" type="checkbox"/>
(I) Guidelines on managing conflicts of interest related to responsible investment	<input checked="" type="checkbox"/>
(J) Stewardship: Guidelines on engagement with investees	<input checked="" type="checkbox"/>
(L) Stewardship: Guidelines on engagement with other key stakeholders	<input checked="" type="checkbox"/>
(M) Stewardship: Guidelines on (proxy) voting	<input checked="" type="checkbox"/>

(N) This role has no formal oversight over and accountability for any of the above elements covered in our responsible investment policy(ies)

o

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 11.2	CORE	N/A	N/A	PUBLIC	Roles and responsibilities	1 – 6

Does your organisation have governance processes or structures to ensure that your overall political engagement is aligned with your commitment to the principles of PRI, including any political engagement conducted by third parties on your behalf?

(A) Yes

Describe how you do this:

PGIM QS is a wholly-owned subsidiary of PGIM, Inc. (“PGIM”), the investment management business of Prudential Financial, Inc. PGIM QS regularly collaborates with PGIM to submit comment letters to the SEC to convey its position on various ESG-related proposed regulations. PGIM’s Global Head of ESG is responsible for shaping and coordinating PGIM’s ESG strategy and execution including coordinating the efforts of the PGIM investment advisers (including PGIM QS) to engage with regulators and industry associations.

- o (B) No
- o (C) Not applicable, our organisation does not conduct any form of political engagement directly or through any third parties

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 12	CORE	N/A	N/A	PUBLIC	Roles and responsibilities	1

In your organisation, which internal or external roles are responsible for implementing your approach to responsible investment?

(A) Internal role(s)

Specify:

Internally, our CIO, Head of Quantitative Equity Research and Sustainable Investing, Head of Quantitative Equity and Director of Stewardship are responsible for implementing our approach to responsible investment.

(B) External investment managers, service providers, or other external partners or suppliers

Specify:

Externally, we leverage third-party service providers to implement our responsible investment approach as it relates to our proxy voting and engagement activities.

- (C) We do not have any internal or external roles with responsibility for implementing responsible investment

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 14	CORE	PGS 11	N/A	PUBLIC	Roles and responsibilities	1

Does your organisation use responsible investment KPIs to evaluate the performance of your senior executive-level staff (or equivalent), and are these KPIs linked to compensation?

- (A) Yes, we use responsible investment KPIs to evaluate the performance of our senior executive-level staff (or equivalent)

Indicate whether these responsible investment KPIs are linked to compensation

- (1) KPIs are linked to compensation

- (2) KPIs are not linked to compensation as these roles do not have variable compensation
- (3) KPIs are not linked to compensation even though these roles have variable compensation

Describe: (Voluntary)

PGIM Quant professionals are assessed on a number of responsible investment objectives, including ESG. Achievement of these objectives tie directly into their compensation. ESG investing is part of our overall Quantitative Equity (QE) platform and is a contributing driver to compensation. Contributors to overall performance specific to ESG come from fulfilment of engagement responsibilities, reviewing ESG data, reviewing ESG screens/restrictions, and ESG research.

- (B) No, we do not use responsible investment KPIs to evaluate the performance of our senior executive-level staff (or equivalent)

EXTERNAL REPORTING AND DISCLOSURES

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 16	CORE	N/A	N/A	PUBLIC	External reporting and disclosures	6

What elements are included in your regular reporting to clients and/or beneficiaries for the majority of your AUM?

- (A) Any changes in policies related to responsible investment
- (B) Any changes in governance or oversight related to responsible investment
- (C) Stewardship-related commitments
- (D) Progress towards stewardship-related commitments
- (E) Climate-related commitments
- (F) Progress towards climate-related commitments
- (G) Human rights-related commitments
- (H) Progress towards human rights-related commitments
- (I) Commitments to other systematic sustainability issues
- (J) Progress towards commitments on other systematic sustainability issues

- o (K) We do not include any of these elements in our regular reporting to clients and/or beneficiaries for the majority of our AUM

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 17	CORE	N/A	N/A	PUBLIC	External reporting and disclosures	6

During the reporting year, did your organisation publicly disclose climate-related information in line with the Task Force on Climate-Related Financial Disclosures' (TCFD) recommendations?

- (A) Yes, including all governance-related recommended disclosures
- (B) Yes, including all strategy-related recommended disclosures
- (C) Yes, including all risk management-related recommended disclosures
- (D) Yes, including all applicable metrics and targets-related recommended disclosures

- o (E) None of the above

Add link(s):

https://s1.q4cdn.com/379746662/files/sustainability_reports/2022/2022_Prudential_TCFD.pdf

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 19	CORE	N/A	N/A	PUBLIC	External reporting and disclosures	6

During the reporting year, did your organisation publicly disclose its membership in and support for trade associations, think tanks or similar bodies that conduct any form of political engagement?

- (A) Yes, we publicly disclosed our membership in and support for trade associations, think tanks, or similar bodies that conduct any form of political engagement

Add link(s):

<https://www.pgimquantitativesolutions.com/node/502>

- o (B) No, we did not publicly disclose our membership in and support for trade associations, think tanks, or similar bodies that conduct any form of political engagement
- o (C) Not applicable, we were not members in or supporters of any trade associations, think tanks, or similar bodies that conduct any form of political engagement during the reporting year

STRATEGY

CAPITAL ALLOCATION

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 20	CORE	N/A	N/A	PUBLIC	Capital allocation	1

Which elements do your organisation-level exclusions cover?

- (A) Exclusions based on our organisation's values or beliefs regarding particular sectors, products or services
- (B) Exclusions based on our organisation's values or beliefs regarding particular regions or countries
- (C) Exclusions based on minimum standards of business practice aligned with international norms such as the OECD Guidelines for Multinational Enterprises, the International Bill of Human Rights, UN Security Council sanctions or the UN Global Compact
- (D) Exclusions based on our organisation's climate change commitments
- (E) **Other elements**
Specify:

PGIM Quant adheres to domestic and international laws that prevent investment in certain companies. These include, but are not limited to: (1) screening for entities on the U.S. Office of Foreign Assets Control ("OFAC") sanctions lists (Specially Designated Nationals List and Consolidated Sanctions List); (2) complying with applicable U.S. Executive Orders/sanctions (e.g., restrictions on investments in certain Chinese companies with alleged ties to the country's military and surveillance efforts; Sanctions that restrict investment and services in Russia as a result of Russia's continued aggression in Ukraine); and (3) adhering to laws of countries where we do business and filing the associated reports (e.g., Canadian Suppression of Terrorism and Sanctions Report).

- (F) Not applicable; our organisation does not have any organisation-level exclusions

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 21	CORE	N/A	N/A	PUBLIC	Capital allocation	1

How does your responsible investment approach influence your strategic asset allocation process?

- (A) We incorporate ESG factors into our assessment of expected asset class risks and returns
- (B) We incorporate climate change-related risks and opportunities into our assessment of expected asset class risks and returns
- (C) We incorporate human rights-related risks and opportunities into our assessment of expected asset class risks and returns
- (D) We incorporate risks and opportunities related to other systematic sustainability issues into our assessment of expected asset class risks and returns
- (E) We do not incorporate ESG factors, climate change, human rights or other systematic sustainability issues into our assessment of expected asset class risks and returns
- (F) **Not applicable; we do not have a strategic asset allocation process**

STEWARDSHIP: OVERALL STEWARDSHIP STRATEGY

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 22	CORE	OO 8, OO 9	N/A	PUBLIC	Stewardship: Overall stewardship strategy	2

For the majority of AUM within each asset class, which of the following best describes your primary stewardship objective?

(1) Listed equity

(A) Maximise our portfolio-level risk-adjusted returns. In doing so, we seek to address any risks to overall portfolio performance caused by individual investees' contribution to systematic sustainability issues.



(B) Maximise our individual investments' risk-adjusted returns. In doing so, we do not seek to address any risks to overall portfolio performance caused by individual investees' contribution to systematic sustainability issues.



Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 24	CORE	OO 8, OO 9	N/A	PUBLIC	Stewardship: Overall stewardship strategy	2

Which of the following best describes your organisation's default position, or the position of the external service providers or external managers acting on your behalf, concerning collaborative stewardship efforts?

- (A) We recognise the value of collective action, and as a result, we prioritise collaborative stewardship efforts wherever possible
- (B) We collaborate on a case-by-case basis
- (C) Other
- (D) We do not join collaborative stewardship efforts

STEWARDSHIP: (PROXY) VOTING

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 29	CORE	OO 9, PGS 1	N/A	PUBLIC	Stewardship: (Proxy) voting	2

When you use external service providers to give recommendations, how do you ensure those recommendations are consistent with your organisation's (proxy) voting policy?

(A) Before voting is executed, we review external service providers' voting recommendations for controversial and high-profile votes

Select from the below list:

- (1) in all cases**
- (2) in a majority of cases
- (3) in a minority of cases

(B) Before voting is executed, we review external service providers' voting recommendations where the application of our voting policy is unclear

Select from the below list:

- (1) in all cases**
- (2) in a majority of cases
- (3) in a minority of cases
- (D) We do not review external service providers' voting recommendations
- (E) Not applicable; we do not use external service providers to give voting recommendations

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 30	CORE	OO 9	N/A	PUBLIC	Stewardship: (Proxy) voting	2

How is voting addressed in your securities lending programme?

- (A) We recall all securities for voting on all ballot items
- (B) When a vote is deemed important according to pre-established criteria (e.g. high stake in the company), we recall all our securities for voting
- (C) Other
- (D) We do not recall our securities for voting purposes
- (E) Not applicable; we do not have a securities lending programme**

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 31	CORE	OO 9.1	N/A	PUBLIC	Stewardship: (Proxy) voting	2

For the majority of votes cast over which you have discretion to vote, which of the following best describes your decision making approach regarding shareholder resolutions (or that of your external service provider(s) if decision making is delegated to them)?

- (A) We vote in favour of resolutions expected to advance progress on our stewardship priorities, including affirming a company's good practice or prior commitment
- (B) We vote in favour of resolutions expected to advance progress on our stewardship priorities, but only if the investee company has not already publicly committed to the action(s) requested in the proposal
- (C) We vote in favour of shareholder resolutions only as an escalation measure
- (D) We vote in favour of the investee company management's recommendations by default
- (E) Not applicable; we do not vote on shareholder resolutions

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 32	CORE	OO 9	N/A	PUBLIC	Stewardship: (Proxy) voting	2

During the reporting year, how did your organisation, or your external service provider(s), pre-declare voting intentions prior to voting in annual general meetings (AGMs) or extraordinary general meetings (EGMs)?

- (A) We pre-declared our voting intentions publicly through the PRI's vote declaration system on the Resolution Database
- (B) We pre-declared our voting intentions publicly by other means, e.g. through our website
- (C) We privately communicated our voting decision to investee companies prior to the AGM/EGM
- (D) We did not privately or publicly communicate our voting intentions prior to the AGM/EGM
- (E) Not applicable; we did not cast any (proxy) votes during the reporting year

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 33	CORE	OO 9	PGS 33.1	PUBLIC	Stewardship: (Proxy) voting	2

After voting has taken place, do you publicly disclose your (proxy) voting decisions or those made on your behalf by your external service provider(s), company by company and in a central source?

- (A) Yes, for all (proxy) votes

Add link(s):

<https://www.pgimquantitativesolutions.com/Stewardship>

- (B) Yes, for the majority of (proxy) votes
- (C) Yes, for a minority of (proxy) votes
- (D) No, we do not publicly report our (proxy) voting decisions company-by-company and in a central source

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 33.1	CORE	PGS 33	N/A	PUBLIC	Stewardship: (Proxy) voting	2

In the majority of cases, how soon after an investee's annual general meeting (AGM) or extraordinary general meeting (EGM) do you publish your voting decisions?

- (A) Within one month of the AGM/EGM
- (B) Within three months of the AGM/EGM
- (C) Within six months of the AGM/EGM
- (D) Within one year of the AGM/EGM
- (E) More than one year after the AGM/EGM

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 34	CORE	OO 9	N/A	PUBLIC	Stewardship: (Proxy) voting	2

After voting has taken place, did your organisation, and/or the external service provider(s) acting on your behalf, communicate the rationale for your voting decisions during the reporting year?

(1) In cases where we abstained or voted against management recommendations

(2) In cases where we voted against an ESG-related shareholder resolution

(A) Yes, we publicly disclosed the rationale

(B) Yes, we privately communicated the rationale to the company

(C) We did not publicly or privately communicate the rationale, or we did not track this information



(D) Not applicable; we did not abstain or vote against management recommendations or ESG-related shareholder resolutions during the reporting year



STEWARDSHIP: ESCALATION

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 36	CORE	OO 8, OO 9	N/A	PUBLIC	Stewardship: Escalation	2

For your listed equity holdings, what escalation measures did your organisation, or the external investment managers or service providers acting on your behalf, use in the past three years?

(1) Listed equity

(A) Joining or broadening an existing collaborative engagement or creating a new one



(B) Filing, co-filing, and/or submitting a shareholder resolution or proposal



(C) Publicly engaging the entity, e.g. signing an open letter



(D) Voting against the re-election of one or more board directors



(E) Voting against the chair of the board of directors, or equivalent, e.g. lead independent director

(F) Divesting

(G) Litigation

(H) Other

(I) In the past three years, we did not use any of the above escalation measures for our listed equity holdings

STEWARDSHIP: ENGAGEMENT WITH POLICY MAKERS

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 39	CORE	OO 8, OO 9	PGS 39.1, PGS 39.2	PUBLIC	Stewardship: Engagement with policy makers	2

Did your organisation, or the external investment managers or service providers acting on your behalf, engage with policy makers as part of your responsible investment approach during the reporting year?

- (A) Yes, we engaged with policy makers directly
- (B) Yes, we engaged with policy makers through the leadership of or active participation in working groups or collaborative initiatives, including via the PRI
- (C) Yes, we were members of, supported, or were in another way affiliated with third party organisations, including trade associations and non-profit organisations, that engage with policy makers, excluding the PRI
- (D) We did not engage with policy makers directly or indirectly during the reporting year beyond our membership in the PRI

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 39.1	CORE	PGS 39	N/A	PUBLIC	Stewardship: Engagement with policy makers	2

During the reporting year, what methods did you, or the external investment managers or service providers acting on your behalf, use to engage with policy makers as part of your responsible investment approach?

- (A) We participated in 'sign-on' letters
- (B) We responded to policy consultations
- (C) We provided technical input via government- or regulator-backed working groups

Describe:

PGIM Quant's Head of Quantitative Equity Research and Sustainable Investing met with U.S. Treasury and the Office of the Special Presidential Envoy for Climate (SPEC) and a group of U.S.-based asset managers to discuss GHG reduction, including net zero and finance commitments.

- (D) We engaged policy makers on our own initiative
- (E) Other methods

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 39.2	CORE	PGS 39	N/A	PUBLIC	Stewardship: Engagement with policy makers	2

During the reporting year, did your organisation publicly disclose details of your engagement with policy makers conducted as part of your responsible investment approach, including through external investment managers or service providers?

- (A) We publicly disclosed all our policy positions
- (B) We publicly disclosed details of our engagements with policy makers**
Add link(s):

<https://www.pgim.com/article/capitalizing-moment-nine-ways-new-esg-reporting-rules-can-help-investors>

- (C) No, we did not publicly disclose details of our engagement with policy makers conducted as part of our responsible investment approach during the reporting year

CLIMATE CHANGE

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 41	CORE	N/A	PGS 41.1	PUBLIC	Climate change	General

Has your organisation identified climate-related risks and opportunities affecting your investments?

- (A) Yes, within our standard planning horizon**
Specify the risks and opportunities identified and your relevant standard planning horizon:

The assessment of climate-related risks is embedded into our standard investment processes. Our investing style assesses a broad range of material risks that could impact portfolio holdings; climate-related risks are one such material risk. When assessing risks, certain risks are more prominent in particular industries, with this emphasis driven by where the risks are most important/impactful. Our active equity strategies are managed to control portfolio exposures toward these and other sources of risk.

- (B) Yes, beyond our standard planning horizon**
Specify the risks and opportunities identified and your relevant standard planning horizon:

The assessment of risks described in (A) could extend beyond our normal investment horizon. Nevertheless, while risks may manifest over longer periods, markets may start to price their impact earlier (reflecting awareness that these risks are likely to be realized).

Furthermore, we assess our entire global equity investment universe to evaluate current or emerging opportunities related to various sustainability trends, of which mitigation of climate change is one. We are able to assess the alignment of every company with the Sustainable Development Goals. This is done by linking company products and services with a goal and determining the degree of alignment. Doing so helps us identify emerging opportunities where companies could experience growth from capitalizing on new consumer preferences, new societal needs, and other sustainability trends.

- (C) No, we have not identified climate-related risks and/or opportunities affecting our investments

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 41.1	CORE	PGS 41	N/A	PUBLIC	Climate change	General

Does your organisation integrate climate-related risks and opportunities affecting your investments in its overall investment strategy, financial planning and (if relevant) products?

- (A) Yes, our overall investment strategy, financial planning and (if relevant) products integrate climate-related risks and opportunities

Describe how climate-related risks and opportunities have affected or are expected to affect your investment strategy, financial planning and (if relevant) products:

See answers from 41 on how we integrate climate related risks and opportunities into our investment strategy.

From a corporate perspective, PGIM Quant positions itself to successfully navigate both short-term risks, such as liquidity, as well as the longer-term risks that may develop from changes in economic, physical, technological, scientific, and legislative environments. These risks are part of our stress-testing framework. As part of this process, we develop strategies to eliminate or minimize risks as they are identified, by taking proactive action. For example, after Superstorm Sandy we put into place additional measures as we believe that storms such as Sandy are likely to be more frequent and impactful as a result of climate change. PGIM Quant tests its systems on a quarterly basis to continue to be prepared for such events.

Our ultimate parent, PFI, also utilizes informed decision-making, which considers the speed to relevance for emerging businesses, such as renewable energy, and other investments declining in relevance, such as coal. Their analysis of climate change risk includes strategic industry and geographic reviews to examine future impacts and utilizes the findings to make long-term portfolio decisions.

- (B) No, our organisation has not yet integrated climate-related risks and opportunities into its investment strategy, financial planning and (if relevant) products

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 43	CORE	N/A	N/A	PUBLIC	Climate change	General

Has your organisation assessed the resilience of its investment strategy in different climate scenarios, including one in which the average temperature rise is held to below 2 degrees Celsius (preferably to 1.5 degrees Celsius) above pre-industrial levels?

- (A) Yes, using the Inevitable Policy Response Forecast Policy Scenario (FPS) or Required Policy Scenario (RPS)
- (B) Yes, using the One Earth Climate Model scenario
- (C) Yes, using the International Energy Agency (IEA) Net Zero scenario
- (D) Yes, using other scenarios

Specify:

Our approach is rooted in portfolio-level scenarios where we model the impact of reducing carbon emissions on portfolio return. We repeat the scenarios at different portfolio risk levels to help understand how to best insulate portfolio performance from reductions in carbon emission levels. We focus on carbon emission scenarios because we believe that changing temperature scenarios equate to different outcomes in society's success in reducing carbon emissions. The scenarios with the largest temperature decreases imply the largest carbon emission reductions. Our scenarios, or stress testing, help us understand the possible implications for client portfolios if the desired carbon emission reductions were to be implemented today. See our research "ESG Solutions: Low Carbon Emission Outcomes" for more in-depth analysis.

- (E) No, we have not assessed the resilience of our investment strategy in different climate scenarios, including one that holds temperature rise to below 2 degrees

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 44	CORE	N/A	N/A	PUBLIC	Climate change	General

Does your organisation have a process to identify, assess, and manage the climate-related risks (potentially) affecting your investments?

(A) Yes, we have a process to identify and assess climate-related risks

(1) Describe your process

Our models score companies on material event risks and sustainability issues.

To construct these scores, we use multiple data sources to assess a variety of material risks and sustainability issues. Climate-related risks are one component of our risk assessment. We primarily assess climate-related risks via a company's carbon emission profile. This captures transitional risks arising from climate change.

We can also incorporate additional specific climate-related factors into our process as directed by our clients.

(2) Describe how this process is integrated into your overall risk management

The assessment of climate-related risks via our material risk and sustainability models is part of our overall risk management approach to managing portfolios. This assessment complements other risk controls in our portfolios, such as those related to size, sector, industry, country, and stock exposures, along with risk controls related to specific factors/styles such as size, beta, and residual volatility.

(B) Yes, we have a process to manage climate-related risks

(1) Describe your process

We integrate our material event risk insights into our suite of Quantitative Equity strategies as part of our broader portfolio risk management. We focus on ensuring client portfolios do not take on a negative exposure (relative to the benchmark) to the broader material risk score. We maintain a sector/industry neutral approach, which means we are more concerned about the highest risk situations within each sector/industry.

For more focused strategies that promote environmental and/or societal characteristics, we are more aggressive in managing exposures towards climate-related issues. We allow sustainability issues and material event risks to be reflected in sector/industry tilts. We further target larger improvements in environmental attributes and specific reductions in carbon emission attributes (relative to the benchmark). As directed by clients, we can also manage absolute portfolio exposures towards stocks and market segments with the highest climate-related risks.

(2) Describe how this process is integrated into your overall risk management

[See B1]

- (C) No, we do not have any processes to identify, assess, or manage the climate-related risks affecting our investments

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 45	CORE	N/A	N/A	PUBLIC	Climate change	General

During the reporting year, which of the following climate risk metrics or variables affecting your investments did your organisation use and disclose?

- (A) Exposure to physical risk**
 - (1) Indicate whether this metric or variable was used and disclosed, including the methodology
 - (1) Metric or variable used**
 - (2) Metric or variable used and disclosed
 - (3) Metric or variable used and disclosed, including methodology
- (B) Exposure to transition risk**
 - (1) Indicate whether this metric or variable was used and disclosed, including the methodology
 - (1) Metric or variable used**
 - (2) Metric or variable used and disclosed
 - (3) Metric or variable used and disclosed, including methodology
- (C) Internal carbon price
- (D) Total carbon emissions**
 - (1) Indicate whether this metric or variable was used and disclosed, including the methodology
 - (1) Metric or variable used**
 - (2) Metric or variable used and disclosed
 - (3) Metric or variable used and disclosed, including methodology
- (E) Weighted average carbon intensity**
 - (1) Indicate whether this metric or variable was used and disclosed, including the methodology
 - (1) Metric or variable used**
 - (2) Metric or variable used and disclosed
 - (3) Metric or variable used and disclosed, including methodology
- (F) Avoided emissions
- (G) Implied Temperature Rise (ITR)**
 - (1) Indicate whether this metric or variable was used and disclosed, including the methodology
 - (1) Metric or variable used**
 - (2) Metric or variable used and disclosed
 - (3) Metric or variable used and disclosed, including methodology
- (H) Non-ITR measure of portfolio alignment with UNFCCC Paris Agreement goals
- (I) Proportion of assets or other business activities aligned with climate-related opportunities**
 - (1) Indicate whether this metric or variable was used and disclosed, including the methodology
 - (1) Metric or variable used**
 - (2) Metric or variable used and disclosed
 - (3) Metric or variable used and disclosed, including methodology
- (J) Other metrics or variables
 - (K) Our organisation did not use or disclose any climate risk metrics or variables affecting our investments during the reporting year

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 46	CORE	N/A	N/A	PUBLIC	Climate change	General

During the reporting year, did your organisation disclose its Scope 1, Scope 2, and/or Scope 3 greenhouse gas emissions?

(A) Scope 1 emissions

(1) Indicate whether this metric was disclosed, including the methodology

o (1) Metric disclosed

● **(2) Metric and methodology disclosed**

(2) Provide links to the disclosed metric and methodology, as applicable

https://s1.q4cdn.com/379746662/files/doc_downloads/2022/PRU_ESG21.pdf

(B) Scope 2 emissions

(1) Indicate whether this metric was disclosed, including the methodology

o (1) Metric disclosed

● **(2) Metric and methodology disclosed**

(2) Provide links to the disclosed metric and methodology, as applicable

https://s1.q4cdn.com/379746662/files/doc_downloads/2022/PRU_ESG21.pdf

(C) Scope 3 emissions (including financed emissions)

o (D) Our organisation did not disclose its Scope 1, Scope 2, or Scope 3 greenhouse gas emissions during the reporting year

SUSTAINABILITY OUTCOMES

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 47	CORE	N/A	Multiple indicators	PUBLIC	Sustainability outcomes	1, 2

Has your organisation identified the intended and unintended sustainability outcomes connected to its investment activities?

● **(A) Yes, we have identified one or more specific sustainability outcomes connected to our investment activities**

o (B) No, we have not yet identified the sustainability outcomes connected to any of our investment activities

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 47.1	CORE	PGS 47	N/A	PUBLIC	Sustainability outcomes	1, 2

Which widely recognised frameworks has your organisation used to identify the intended and unintended sustainability outcomes connected to its investment activities?

- (A) **The UN Sustainable Development Goals (SDGs) and targets**
- (B) The UNFCCC Paris Agreement
- (C) The UN Guiding Principles on Business and Human Rights (UNGPs)
- (D) OECD frameworks: OECD Guidelines for Multinational Enterprises and Guidance on Responsible Business Conduct for Institutional Investors
- (E) The EU Taxonomy
- (F) **Other relevant taxonomies**
Specify:
United Nations Global Compact
- (G) The International Bill of Human Rights
- (H) The International Labour Organization's Declaration on Fundamental Principles and Rights at Work and the eight core conventions
- (I) The Convention on Biological Diversity
- (J) Other international framework(s)
- (K) Other regional framework(s)
- (L) Other sectoral/issue-specific framework(s)
- (M) Our organisation did not use any widely recognised frameworks to identify the intended and unintended sustainability outcomes connected to its investment activities

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 47.2	CORE	PGS 47	PGS 48	PUBLIC	Sustainability outcomes	1, 2

What are the primary methods that your organisation has used to determine the most important intended and unintended sustainability outcomes connected to its investment activities?

- (A) **Identify sustainability outcomes that are closely linked to our core investment activities**
- (B) **Consult with key clients and/or beneficiaries to align with their priorities**
- (C) Assess which actual or potential negative outcomes for people are most severe based on their scale, scope, and irreparable character
- (D) **Identify sustainability outcomes that are closely linked to systematic sustainability issues**
- (E) Analyse the input from different stakeholders (e.g. affected communities, civil society, trade unions or similar)
- (F) **Understand the geographical relevance of specific sustainability outcome objectives**
- (G) Other method
- (H) We have not yet determined the most important sustainability outcomes connected to our investment activities

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
PGS 48	CORE	PGS 47.2	PGS 48.1, SO 1	PUBLIC	Sustainability outcomes	1, 2

Has your organisation taken action on any specific sustainability outcomes connected to its investment activities, including to prevent and mitigate actual and potential negative outcomes?

- (A) Yes, we have taken action on some of the specific sustainability outcomes connected to our investment activities
- (B) No, we have not yet taken action on any specific sustainability outcomes connected to our investment activities

LISTED EQUITY (LE)

OVERALL APPROACH

MATERIALITY ANALYSIS

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
LE 1	CORE	OO 21	N/A	PUBLIC	Materiality analysis	1

Does your organisation have a formal investment process to identify and incorporate material ESG factors across your listed equity strategies?

(2) Active - quantitative

(A) Yes, our investment process incorporates material governance factors

(2) for a majority of our AUM

(B) Yes, our investment process incorporates material environmental and social factors

(2) for a majority of our AUM

(C) Yes, our investment process incorporates material ESG factors beyond our organisation's average investment holding period

(2) for a majority of our AUM

(D) No, we do not have a formal process. Our investment professionals identify material ESG factors at their discretion ○

(E) No, we do not have a formal or informal process to identify and incorporate material ESG factors ○

MONITORING ESG TRENDS

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
LE 2	CORE	OO 21	N/A	PUBLIC	Monitoring ESG trends	1

Does your organisation have a formal process for monitoring and reviewing the implications of changing ESG trends across your listed equity strategies?

(2) Active - quantitative

(A) Yes, we have a formal process that includes scenario analyses (1) for all of our AUM

(B) Yes, we have a formal process, but it does not include scenario analyses

(C) We do not have a formal process for our listed equity strategies; our investment professionals monitor how ESG trends vary over time at their discretion ○

(D) We do not monitor and review the implications of changing ESG trends on our listed equity strategies ○

PRE-INVESTMENT

ESG INCORPORATION IN RESEARCH

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
LE 3	CORE	OO 21	N/A	PUBLIC	ESG incorporation in research	1

How does your financial analysis and equity valuation or security rating process incorporate material ESG risks?

(1) Active - quantitative

(A) We incorporate material governance-related risks into our financial analysis and equity valuation or security rating process

(1) in all cases

(B) We incorporate material environmental and social risks into our financial analysis and equity valuation or security rating process

(1) in all cases

(C) We incorporate material environmental and social risks related to companies' supply chains into our financial analysis and equity valuation or security rating process

(1) in all cases

(D) We do not incorporate material ESG risks into our financial analysis, equity valuation or security rating processes

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Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
LE 4	CORE	OO 21	N/A	PUBLIC	ESG incorporation in research	1

What information do you incorporate when you assess the ESG performance of companies in your financial analysis, benchmark selection and/or portfolio construction process?

(2) Active - quantitative

(A) We incorporate qualitative and/or quantitative information on current performance across a range of material ESG factors	(1) in all cases
(B) We incorporate qualitative and/or quantitative information on historical performance across a range of material ESG factors	(1) in all cases
(C) We incorporate qualitative and/or quantitative information on material ESG factors that may impact or influence future corporate revenues and/or profitability	(1) in all cases
(D) We incorporate qualitative and/or quantitative information enabling current, historical and/or future performance comparison within a selected peer group across a range of material ESG factors	(1) in all cases

(E) We do not incorporate qualitative or quantitative information on material ESG factors when assessing the ESG performance of companies in our financial analysis, equity investment or portfolio construction process

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ESG INCORPORATION IN PORTFOLIO CONSTRUCTION

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
LE 6	CORE	OO 21	N/A	PUBLIC	ESG incorporation in portfolio construction	1

How do material ESG factors contribute to your stock selection, portfolio construction and/or benchmark selection process?

(2) Active - quantitative

(A) Material ESG factors contribute to the selection of individual assets and/or sector weightings within our portfolio construction and/or benchmark selection process

(2) for a majority of our AUM

(B) Material ESG factors contribute to the portfolio weighting of individual assets within our portfolio construction and/or benchmark selection process

(2) for a majority of our AUM

(C) Material ESG factors contribute to the country or region weighting of assets within our portfolio construction and/or benchmark selection process

(3) for a minority of our AUM

(D) Other ways material ESG factors contribute to your portfolio construction and/or benchmark selection process

(E) Our stock selection, portfolio construction or benchmark selection process does not include the incorporation of material ESG factors

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POST-INVESTMENT

ESG RISK MANAGEMENT

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
LE 9	CORE	OO 17.1 LE, OO 21	N/A	PUBLIC	ESG risk management	1

What compliance processes do you have in place to ensure that your listed equity assets subject to negative exclusionary screens meet the screening criteria?

- (A) We have internal compliance procedures that ensure all funds or portfolios that are subject to negative exclusionary screening have pre-trade checks
- (B) We have an external committee that oversees the screening implementation process for all funds or portfolios that are subject to negative exclusionary screening
- (C) We have an independent internal committee that oversees the screening implementation process for all funds or portfolios that are subject to negative exclusionary screening
- (D) We do not have compliance processes in place to ensure that we meet our stated negative exclusionary screens

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
LE 10	CORE	OO 21	N/A	PUBLIC	ESG risk management	1

For the majority of your listed equity assets, do you have a formal process to identify and incorporate material ESG risks and ESG incidents into your risk management process?

(1) Active - quantitative

(A) Yes, our formal process includes reviews of quantitative and/or qualitative information on material ESG risks and ESG incidents and their implications for individual listed equity holdings

(B) Yes, our formal process includes reviews of quantitative and/or qualitative information on material ESG risks and ESG incidents and their implications for other listed equity holdings exposed to similar risks and/or incidents

(C) Yes, our formal process includes reviews of quantitative and/or qualitative information on material ESG risks and ESG incidents and their implications for our stewardship activities

(D) Yes, our formal process includes ad hoc reviews of quantitative and/or qualitative information on severe ESG incidents

(E) We do not have a formal process to identify and incorporate material ESG risks and ESG incidents into our risk management process; our investment professionals identify and incorporate material ESG risks and ESG incidents at their discretion

(F) We do not have a formal process to identify and incorporate material ESG risks and ESG incidents into our risk management process

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DISCLOSURE OF ESG SCREENS

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
LE 12	CORE	OO 17 LE, OO 21	N/A	PUBLIC	Disclosure of ESG screens	6

For all your listed equity assets subject to ESG screens, how do you ensure that clients understand ESG screens and their implications?

- (A) We share a list of ESG screens
- (B) We share any changes in ESG screens
- (C) We explain any implications of ESG screens, such as their deviation from a benchmark or impact on sector weightings
- (D) We do not share the above information for all our listed equity assets subject to ESG screens

CONFIDENCE-BUILDING MEASURES (CBM)

CONFIDENCE-BUILDING MEASURES

APPROACH TO CONFIDENCE-BUILDING MEASURES

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
CBM 1	CORE	N/A	Multiple indicators	PUBLIC	Approach to confidence-building measures	6

How did your organisation verify the information submitted in your PRI report this reporting year?

- (A) We conducted independent third-party assurance of selected processes and/or data related to the responsible investment processes reported in our PRI report, which resulted in a formal assurance conclusion
- (B) We conducted a third-party readiness review and are making changes to our internal controls or governance processes to be able to conduct independent third-party assurance next year
- (C) We conducted an internal audit of selected processes and/or data related to the responsible investment processes reported in our PRI report
- (D) Our board, trustees (or equivalent), senior executive-level staff (or equivalent), and/or investment committee (or equivalent) signed off on our PRI report

- (E) We conducted an external ESG audit of our holdings to verify that our funds comply with our responsible investment policy
- (F) We conducted an external ESG audit of our holdings as part of risk management, engagement identification or investment decision-making
- (G) Our responses in selected sections and/or the entirety of our PRI report were internally reviewed before submission to the PRI**
- (H) We did not verify the information submitted in our PRI report this reporting year

INTERNAL AUDIT

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
CBM 4	CORE	OO 21, CBM 1	N/A	PUBLIC	Internal audit	6

What responsible investment processes and/or data were audited through your internal audit function?

- (A) Policy, governance and strategy**
Select from dropdown list:
 - (1) Data internally audited
 - (2) Processes internally audited
 - (3) Processes and data internally audited**
- (C) Listed equity

INTERNAL REVIEW

Indicator	Type of indicator	Dependent on	Gateway to	Disclosure	Subsection	PRI Principle
CBM 6	CORE	CBM 1	N/A	PUBLIC	Internal review	6

Who in your organisation reviewed the responses submitted in your PRI report this year?

- (A) Board, trustees, or equivalent
- (B) Senior executive-level staff, investment committee, head of department, or equivalent**
Sections of PRI report reviewed
 - (1) the entire report**
 - (2) selected sections of the report
- (C) None of the above internal roles reviewed selected sections or the entirety of the responses submitted in our PRI report this year