



# CLIMATE TRANSPARENCY REPORT 2020

Mirova

# 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/-DAFB7249-043C-482A-9507-70EFD1091A06/79894dbc337a40828d895f9402aa63de/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	✓	Public				
SG 01.7 CC	✓	Public				
SG 01.8 CC	✓	Public				
SG 01.9 CC	✓	Public				
SG 01.10 CC	✓	Public				
SG 07.5 CC	✓	Public				
SG 07.6 CC	-	Public				
SG 07.7 CC	✓	Public				
SG 07.8 CC	-	Public				
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	✓	Public				
SG 14.2	✓	Public				
SG 14.3	✓	Public				
SG 14.6 CC	✓	Public				
SG 14.7 CC	✓	Public				
SG 14.8 CC	✓	Public				
SG 14.9 CC	✓	Public				
SG 15.1	✓	Public				
SG 15.2	✓	Public				
SG 15.3	✓	Public				

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	
<b>Name</b>	Mirova
<b>Signatory Category</b>	Fund Management - Majority
<b>Signatory Type</b>	Investment Manager
<b>Size</b>	US\$ 10 - 29.99 billion AUM
<b>Main Asset Class</b>	>50% Listed Equity Internally Managed
<b>Signed PRI Initiative</b>	2013
<b>Region</b>	Europe
<b>Country</b>	France
<b>Disclosure of Voluntary Indicators</b>	70% from 38 Voluntary indicators

# Mirova

## 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
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**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.

SG 01 CC	Mandatory to Report Voluntary to Disclose	Public	Descriptive	General
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**SG 01.6 CC** Indicate whether your organisation has identified transition and physical climate-related risks and opportunities and factored this into the investment strategies and products, within the organisation's investment time horizon.

Yes

Describe the identified transition and physical climate-related risks and opportunities and how they have been factored into the investment strategies/products.

Transition risks have been identified on the basis of the analysis of issuers business models' sustainability opportunities and risks. This analysis defines Mirova's investment universe. This results for instance in a rating that does not include coal and oil companies because their business model is not adapted, does not contribute to and could even hinder the energy transition needed by our economies to combat climate change. This type of analysis is applied to all our investment sectors, including for instance the financial sector that is screened on the basis of its integration of climate-related risks and opportunities and level of financing of fossil fuels.

A screening of issuers' exposure and degree of preparedness to physical climate risks has also been performed by the ESG analysts for the issuers that are in our portfolio. Given that the ESG analysis performed by the research team is key to define Mirova's investment universe, this consequently integrates this analysis of climate physical risks in the general framework that shapes our investment strategies and products.

No

**SG 01.7 CC** Indicate whether the organisation has assessed the likelihood and impact of these climate risks?

Yes

Describe the associated timescales linked to these risks and opportunities.

The assessment of climate risks and opportunities for a responsible investor like Mirova is extended on the maximum long-term timescale that we can apply as a market investor, striving to combine the search for financial value in a time-horizon adapted to the asset class considered on the one hand\* (that does not always match with climate stakes are often materialised in a long timeframe (10-20 years at least), and the willingness to accelerate the financing of the energy transition on the other hand.

The assessment of physical risks on short, middle and long timescale, according to the type of asset and investment considered. It is currently being integrated in our processes at asset level, to understand the exposure and mitigation of this type of risks.

The transition risks and opportunities (mitigation and adaptation) are also integrated in the same type of 3-5 years timeframe but not only to assess the impact of climate change on the value and return of our portfolio: also to maximise our financing of the transition towards a low-carbon economy.

\* more than 2 years for fixed-income funds, more than 5 years for equities, and more than 10 years for

non-listed assets

No

**SG 01.8  
CC**

Indicate whether the organisation publicly supports the TCFD?

Yes

No

**SG 01.9  
CC**

Indicate whether there is an organisation-wide strategy in place to identify and manage material climate-related risks and opportunities.

Yes

Describe

The ESG research team is in charge of identifying and managing material climate-related risks and opportunities.

Mirova has therefore set an objective to align all its funds with a temperature scenario of 2°C, so as to align with the Paris agreement.

The PM team is also strongly involved in the process to align their investment decisions with these climate-objectives. It frequently interacts with the ESG research team and has developed a strong understanding of the underlying objectives.

To meet these commitments, Mirova has developed a way to measure the carbon footprint of its investments, as well as those of major market indexes.

This methodology, unlike most developed previously on the market, adopts a "lifecycle" vision of the carbon footprint, taking into account emissions associated not only with a company's activities, but also its supply chain and use of its products/services. We then measure the portfolio's exposure to renewables, energy efficiency, clean transportation, etc. compared to the MSCI World, and compared to the International Energy Agency's energy investment projections. The end result is a scenario alignment indicator, in °C degrees. We have used this indicator to set targets and measure our progress towards achieving them.

At the end of Q4 2019, Mirova's consolidated equities portfolio was at 1.5°C. This is substantially lower than the level of reference stock index, 4°C for the Barclays Euro Aggregate Corporate. It is well in line with our stringent objective: all of Mirova's equity and fixed income funds must be aligned with a <2°C scenario. By managing the carbon footprint of our funds, we have gradually improved the climate performance of the funds and will continue to strive for strong performance. A broader, more transversal vision of environmental issues has made it possible to identify companies that provide solutions in all sectors of activity and improve the climate performance of Mirova's consolidated equity portfolios and consolidated fixed income portfolios to 1.5°C.

No

**SG 1.10  
CC**

Indicate the documents and/or communications the organisation uses to publish TCFD disclosures.

Public PRI Climate Transparency Report

Annual financial filings

Regular client reporting

Member communications

Other

specify

Acting as a responsible investor : <https://www.mirova.com/sites/default/files/2019->

We currently do not publish TCFD disclosures

**Governance and human resources**

SG 07 CC	Mandatory to Report Voluntary to Disclose	Public	Descriptive	General
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**SG 07.5 CC** Indicate the roles in the organisation that have oversight, accountability and/or management responsibilities for climate-related issues.

**Board members or trustees**

- Oversight/accountability for climate-related issues
- Assessment and management of climate-related issues
- No responsibility for climate-related issues

**Chief Executive Officer (CEO), Chief Investment Officer (CIO), Chief Risk Officer (CRO), Investment Committee**

- Oversight/accountability for climate-related issues
- Assessment and management of climate-related issues
- No responsibility for climate-related issues

**Other Chief-level staff or heads of departments**

- Oversight/accountability for climate-related issues
- Assessment and management of climate-related issues
- No responsibility for climate-related issues

**Portfolio managers**

- Oversight/accountability for climate-related issues
- Assessment and management of climate-related issues
- No responsibility for climate-related issues

**Investment analysts**

- Oversight/accountability for climate-related issues
- Assessment and management of climate-related issues
- No responsibility for climate-related issues

**Dedicated responsible investment staff**

- Oversight/accountability for climate-related issues
- Assessment and management of climate-related issues
- No responsibility for climate-related issues



**Investor relations**

- Oversight/accountability for climate-related issues
- Assessment and management of climate-related issues
- No responsibility for climate-related issues

**External managers or service providers**

- Oversight/accountability for climate-related issues
- Assessment and management of climate-related issues
- No responsibility for climate-related issues

**Other role, specify (1)**

Other support functions (operations, compliance...)

- Oversight/accountability for climate-related issues
- Assessment and management of climate-related issues
- No responsibility for climate-related issues

**SG 07.7 CC** For management-level roles that assess and manage climate-related issues, provide further information on the structure and processes involved.

The ESG research team is the one in charge of assesseing and manage climate-related issues in our investments for all asset classes and all sectors of activity, for each issuer and for each project . Support functions review risks and compliance at a more strategic level but verify that these issues have been well taken into account in the process.

**ESG issues in asset allocation**

<b>SG 13</b>	<b>Mandatory</b>	<b>Public</b>	<b>Descriptive</b>	<b>PRI 1</b>
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**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

**Describe**

Mirova's analysis of opportunities and risks integrates new and upcoming ESG factors in order to assess issuer's level of preparedness in our ratings and investment strategies.

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

**Describe**

For all its funds, Mirova continuously monitors, analyzes, and reports on climate performance through three main indicators: induced emissions, emissions savings, and 2° scenario alignment. In line with our overall ESG philosophy, these indicators are measured on a lifecycle basis, including scopes 1, 2, and 3, both upstream and downstream.

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

<b>SG 13.2</b>	Indicate if your organisation considers ESG issues in strategic asset allocation and/or allocation of assets between sectors or geographic markets.
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<b>We do the following</b>
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- Allocation between asset classes
- Determining fixed income duration
- Allocation of assets between geographic markets
- Sector weightings
- Other, specify
- Definition of all Mirova's investment strategies
- We do not consider ESG issues in strategic asset allocation

<b>SG 13.3</b>	Additional information. [OPTIONAL]
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Mirova is a pure RI player, hence ESG issues are determining all these types of choices. We mainly pick stocks on the basis of a sustainability absolute assessment, which can lead to significant sectoral and / or geographical bias. For instance, we do not invest in the oil and gas sector and we tend to have a slight overrepresentation of European companies in our portfolio since they better integrate ESG issues in their day-to-day business and disclosure.

All details on the above-mentioned aspects are available for more information in our publication Acting as a responsible investor :

<https://www.mirova.com/sites/default/files/2019-07/MirovaImpactReport2018.pdf>

<b>SG 13 CC</b>	<b>Mandatory to Report Voluntary to Disclose</b>	<b>Public</b>	<b>Descriptive</b>	<b>General</b>
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<b>SG 13.4 CC</b>	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

<b>Describe</b>
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Since Mirova is a long-term investor, mitigating climate change is essential to our mission. We therefore assess our exposure to climate risks via carbon footprinting and qualitative analyses across all the asset classes we manage. We attempt to capture opportunities related to climate change, like wind turbine manufacturers, companies that produce energy efficiency solutions, and low-carbon mobility, while mitigating our exposure to climate risks, including regulatory, transition, and physical risk.

We systematically consider climate risks and opportunities in our qualitative analyses, especially for sectors with major climate impact or risk exposure. On the quantitative side, we have partnered with Carbone4 to develop a carbon footprinting methodology that can be applied across all sectors and asset classes, allowing us to set targets related to our climate performance and mitigate transition risk. We assess our climate performance against the International Energy Agency's energy investment projections under the Sustainable Development Scenario, and in the context of international agreements like the Paris Accord.

- Incorporation into investment analysis

Describe

In the investment process, we foster solutions-providers, we have no exposure to carbon-intensive assets (coal, oil) , and limit our exposure to other fossil fuels-related assets (e.g car manufacturers, industrial equipments, etc) so as to ensure that there is a strong level of adequacy with 2°C climate scenarios produced by international institutions such as the IPCC (Intergovernmental Panel on Climate Change) or the IEA (International Energy Agency).

Inform active ownership

Describe

IN our engagement we ask for disclosure of:

- climate impact (scope 1, 2, 3 and avoided emissions, on the basis of a life-cycle analysis: this includes a forward-looking perspective;
- disclosure on the green exposure and contribution of business models to the energy transition.

This enables to foresee the carbon trajectory of issuers is one of the main cross-sectors engagement issue (see LEA section for more details).

Other

SG 13.5  
CC

Indicate who uses this analysis.

- Board members, trustees, C-level roles, Investment Committee
- Portfolio managers
- Dedicated responsible investment staff
- External managers
- Investment consultants/actuaries
- Other

specify

The PRI reports readers :-)

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.

Yes

Describe

As explained in previous questions, beyonf financial performance, Mirova's strategy is also striving to impact the transition towards a low-carbon economy. As a consequence, we always take into account climate-related risks and opportunities that go beyond the time-horizon.

No

**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 checked="" type="checkbox"/> Energy Technology Perspectives (ETP) 2 Degrees scenario	
IEA	<input checked="" type="checkbox"/> Sustainable Development Scenario (SDS)	
IEA	<input checked="" type="checkbox"/> New Policy Scenario (NPS)	
IEA	<input checked="" type="checkbox"/> Current Policy Scenario (CPS)	
IRENA	<input type="checkbox"/> RE Map	
Greenpeace	<input checked="" 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 checked="" 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> Shell Moutains, Oceans and Sky
Other	<input checked="" type="checkbox"/> Other (2)	<div style="background-color: #0070C0; color: white; padding: 2px;">Other (2) please specify:</div> Greenpeace Energy [R]evolution
Other	<input type="checkbox"/> Other (3)	

SG 14	Mandatory to Report Voluntary to Disclose	Public	Additional Assessed	PRI 1
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**SG 14.1**

Some investment risks and opportunities arise as a result of long term trends. Indicate which of the following are considered.

- Changing demographics
- Climate change
- Resource scarcity
- Technological developments
- Other, specify(1)

other description (1)

All long term issues taken into account by Mirova arise from Sustainable Development Goals. More and more, Mirova teams try to integrate biodiversity loss.

- Other, specify(2)
- None of the above

**SG 14.2**

Indicate which of the following activities you have undertaken to respond to climate change risk and opportunity

- Established a climate change sensitive or climate change integrated asset allocation strategy
- Targeted low carbon or climate resilient investments

Specify the AUM invested in low carbon and climate resilient portfolios, funds, strategies or asset classes.

	trillions	billions	millions	thousands	hundreds
Total AUM		12	000	000	000
Currency	EUR				
Assets in USD		13	227	615	567

Specify the framework or taxonomy used.

Mirova does not exclude any industry on principle. Within certain industries, however, case-by-case analysis may result in a "Risk" or "Negative" rating for all of the companies of that sector when practices do not provide an adequate level of assurance that the risks associated with the product are properly managed. "Risk" and "Negative" ratings mean that the issuer cannot be included in Mirova's portfolios. Current resulting exclusions include the oil and gas sector. At the end of December 2019, Mirova equity funds are globally in line with a 2°C rise in temperatures. This climate profile is much better than the main market indices, which we estimate to be more in line with 5°C scenarios. This good performance is due both to the lack of investment in companies that emit large amounts of greenhouse gases and to large investments in companies involved in the low-carbon economy.

- Phase out your investments in your fossil fuel holdings
- Reduced portfolio exposure to emissions intensive or fossil fuel holdings
- Used emissions data or analysis to inform investment decision making
- Sought climate change integration by companies
- Sought climate supportive policy from governments
- Other, specify

other description

maximised portfolio contribution to the energy transition

None of the above

**SG 14.3**

Indicate which of the following tools the organisation uses to manage climate-related risks and opportunities.

- Scenario analysis
- Disclosures on emissions risks to clients/trustees/management/beneficiaries
- Climate-related targets
- Encouraging internal and/or external portfolio managers to monitor emissions risks
- Emissions-risk monitoring and reporting are formalised into contracts when appointing managers
- Weighted average carbon intensity
- Carbon footprint (scope 1 and 2)
- Portfolio carbon footprint
- Total carbon emissions
- Carbon intensity
- Exposure to carbon-related assets
- Other emissions metrics
- Other, specify

other description

carbon footprint of funds based on a life-cycle analysis (including scope 3 and avoided emissions)

None of the above

**SG 14.5**

Additional information [Optional]

Climate change is one of the major sustainability issues identified by Mirova, and is therefore at the heart of its approach:

Macro-scenarios (among which climate-related ones) are qualitatively analysed and influence its investments themes. Mirova's asset allocation is therefore impacted by climate change issues, albeit the fact that it is a result of ESG analysis (sector and geographical biases) rather than a pre-defined asset allocation strictly speaking (please refer to SG.13 for further explanations). Furthermore, Mirova has developed an original approach which consists in providing investors with a cross-asset-class offering on the energy transition theme. The purpose is to build their asset allocation around this theme by investing in several asset classes focused on it (Global Equity Transition Energy, Green Bonds and Renewable Energy Infrastructures), in line with the proportions suggested by Mirova's RI experts.

By nature, low carbon or climate resilient investments are overrepresented in Mirova's portfolios, whereas high-carbon ones are under-weighted or even excluded from its investment universe (e.g. oil and coal). The only exception is the case of industries that are carbon intensive in the production phase (scopes 1 and 2) but that make it possible to avoid significant emissions during the use phase (scope 3), for example some insulating construction materials. Mirova's reasoning with regard to carbon issues applies to the whole life cycle.

Emissions data are incorporated in the issuers' Sustainability Opinions (particularly when carbon is a sectorial key issue), which are systematically used to inform investment decision-making.

Mirova actively seeks climate change integration by companies, as well as climate-supportive policies from governments, through its individual/collaborative engagement initiatives and its public policy engagement activities (respectively described in detail in sections "Listed Equity Active Ownership", questions LEA.01 to LEA.14, and "Strategy and Governance", question SG.11)

Portfolio carbon footprints are measured and publicly disclosed (please refer to SG.14.5 above for a full description)

As explained in SG.13, qualitative scenario testing is undertaken to identify relevant sustainability-related investment themes. Scenarios are also used as an input while assessing issuers from a sustainability perspective. For example, the RI research takes into account to what extent business models are well positioned to comply with the 2 Degrees Celsius (2DS) climate scenario.

Mirova's in-house investment teams are encouraged to monitor the emissions risks of their portfolios through raw data (e.g. issuers' carbon footprint) provided in the proprietary database "OCTAVE", in addition to the overall sustainability opinion.

Mirova has not defined quantified targets in terms of carbon reduction, but reflects on the alignment of its funds with a 2 degrees scenario, and it is to be highlighted that its portfolios present induced emissions that are far lower than their indicative benchmarks. See for more details

<https://www.mirova.com/sites/default/files/2019-07/MirovaImpactReport2018.pdf>

SG 14 CC	Voluntary	Public		General
<b>SG 14.6 CC</b>	Provide further details on the key metric(s) used to assess climate-related risks and opportunities.			



Metric Type	Coverage	Purpose	Metric Unit	Metric Methodology
<b>Climate-related targets</b>	<input checked="" type="checkbox"/> All assets <input type="checkbox"/> Majority of assets <input type="checkbox"/> Minority of assets	Get closer to all funds being in a 2°C scenario	Climate profile / temperature scenario associated with our investment strategy	At the portfolio level, the aggregate emissions induced and avoided are taken into account in order to assign a level of alignment with climate scenarios published by international organisations such as the IPCC (Intergovernmental Panel on Climate Change) or the IEA (International Energy Agency).
<b>Weighted average carbon intensity</b>	<input checked="" type="checkbox"/> All assets <input type="checkbox"/> Majority of assets <input type="checkbox"/> Minority of assets	weighted carbone intensity is taken into account in our methodology to align portfolio with a 2°C scenario	we use tCO2/M€ of entreprise value	Mirova developed a first physical indicator for carbon in partnership with Carbone41. This methodology evaluates all assets using a life cycle approach, taking into account the company's direct activity as well as its suppliers and product use
<b>Carbon footprint (scope 1 and 2)</b>	<input checked="" type="checkbox"/> All assets <input type="checkbox"/> Majority of assets <input type="checkbox"/> Minority of assets	we do not use scope 1 and 2 alone but evaluate all assets' emissions using a life cycle approach	Induced emissions (scope 1 and 2 but also 3) and avoided emissions in teCO2	Life cycle analysis including scope 1, 2, 3 and avoided emmissions
<b>Portfolio carbon footprint</b>	<input checked="" type="checkbox"/> All assets <input type="checkbox"/> Majority of assets <input type="checkbox"/> Minority of assets	Portfolio carbon footprint is taken into account in our methodology to align portfolio with a 2°C scenario	we use tCO2/M€ of entreprise value	Mirova developed a first physical indicator for carbon in partnership with Carbone41. This methodology evaluates all assets using a life cycle approach, taking into account the company's direct activity as well as its suppliers and product use
<b>Total carbon emissions</b>	<input checked="" type="checkbox"/> All assets <input type="checkbox"/> Majority of assets <input type="checkbox"/> Minority of assets	Although we are able to calculate absolute emissions, we do not believe it is a relevant metric to assess climate performance		
<b>Carbon intensity</b>	<input checked="" type="checkbox"/> All assets <input type="checkbox"/> Majority of assets <input type="checkbox"/> Minority of assets	see weighted average carbon intensity		
<b>Exposure to carbon-related assets</b>	<input checked="" type="checkbox"/> All assets <input type="checkbox"/> Majority of assets <input type="checkbox"/> Minority of assets	Demonstrate the quality of our funds on climate-related issues	assets rated as « risk » or « negative » for climate related issues cannot be included in our funds	assets rated as « risk » or « negative » may reflect a climate-related risks for scope 1, 2, 3 and avoided emissions
<b>Other emissions metrics</b>	<input checked="" type="checkbox"/> All assets <input type="checkbox"/> Majority of assets <input type="checkbox"/> Minority of assets			

**SG 14.7  
CC**

Describe in further detail the key targets.

Targettype	Baseline year	Target year	Description	Attachments
<input checked="" type="checkbox"/> Absolute target <input type="checkbox"/> Intensity target	2018		All funds to be aligned with a 2 degrees scenario / Paris agreement	<a href="#">File 1:MirovaImpactReport2018_0.pdf</a>
<input type="checkbox"/> Absolute target <input type="checkbox"/> Intensity target				
<input type="checkbox"/> Absolute target <input type="checkbox"/> Intensity target				
<input type="checkbox"/> Absolute target <input type="checkbox"/> Intensity target				
<input type="checkbox"/> Absolute target <input type="checkbox"/> Intensity target				

**SG 14.8  
CC**

Indicate whether climate-related risks are integrated into overall risk management and explain the risk management processes used for identifying, assessing and managing climate-related risks.

- ⦿ Processes for climate-related risks are integrated into overall risk management

Please describe

Beyond the identification, of climate related risks at sector level, each asset is evaluated through a bottom-up analysis, which enables to review both climate risks and opportunities.

To carry out this evaluation, Mirova relies on its Responsible Investment Research team of around ten people, in interaction with the various management teams. Evaluations are mainly based on an internal review of documents published by issuers and on direct exchanges with companies or project management. Mirova also relies on various sources of information (ESG rating agencies, proxy voting, sell-side financial analysts, news databases, etc.).

**Climate-risks are integrated in the overall risk-opportunity approach: taking into account these two dimensions, which can often complement each other.**

- Capturing opportunities:** positioning on technological and societal innovation when it becomes a structuring element of the economic project enables companies to capture opportunities related to achieving the SDGs.
- Managing risks:** a "re-internalisation of social and environmental externalities", often in the form of management of diffuse sustainable development issues, makes it possible to limit the risks associated with achieving the SDGs.

This analytical structure, which gives equal importance to opportunities and risks, is our first prism for reading sustainable development issues. The main result of these analyses is the production of an overall qualitative opinion in five levels to assess the level of asset adequacy with the achievement of the SDGs.

- Assets evaluated as "risk" or "negative" for climate-related issues are excluded from the Mirova

investment universe.

- Assets evaluated as "neutral" or "positive" or "committed" for the sustainability opinion are integrated in the mirova investment universe. This reinforces the weight of positive assets in the Mirova funds.

- Processes for climate-related risks are not integrated into overall risk management

<b>SG 14.9 CC</b>	Indicate whether your organisation, and/or external investment manager or service providers acting on your behalf, undertake active ownership activities to encourage TCFD adoption.
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- Yes

	Please describe
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As part of its engagement activities, climate-disclosure is one of the main cross-sectoral issues on which all Mirova RI analysts engage with issuers. In their engagement, Mirova analysts encourage adoption of climate-related disclosure on the basis of the methodology developed with Carbon 4 that promotes a life-cycle analysis disclosure of emissions (induced emissions and avoided emissions) and a disclosure of the "green" or "low-carbon" share of revenue.

- No, we do not undertake active ownership activities.
- No, we do not undertake active ownership activities to encourage TCFD adoption.

<b>SG 15</b>	<b>Mandatory to Report Voluntary to Disclose</b>	<b>Public</b>	<b>Descriptive</b>	<b>PRI 1</b>
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<b>SG 15.1</b>	Indicate if your organisation allocates assets to, or manages, funds based on specific environmental and social themed areas.
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- Yes

<b>SG 15.2</b>	Indicate the percentage of your total AUM invested in environmental and social themed areas.
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	%
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100

<b>SG 15.3</b>	Specify which thematic area(s) you invest in, indicate the percentage of your AUM in the particular asset class and provide a brief description.
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	Area
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- Energy efficiency / Clean technology

	Asset class invested
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- Listed equity

	Percentage of AUM (+/-5%) per asset class invested in the area
--	--

100

- Fixed income - SSA

Percentage of AUM (+/-5%) per asset class invested in the area

100

- Fixed income - Corporate (financial)

Percentage of AUM (+/-5%) per asset class invested in the area

100

- Fixed income - Corporate (non-financial)

Percentage of AUM (+/-5%) per asset class invested in the area

100

- Fixed income - Securitised
- Infrastructure
- Other (1)
- Other (2)

Brief description and measures of investment

All our investment strategies aim at investing in environmental and social theme. However, as these themes are often diverse and mixed and given that company disclosure remains extremely limited, we currently are not in a position to communicate on the share of investment per theme at such a level of granularity. We suggest to reframe this question.

- Renewable energy

Asset class invested

- Listed equity

Percentage of AUM (+/-5%) per asset class invested in the area

100

- Fixed income - SSA

Percentage of AUM (+/-5%) per asset class invested in the area

100

- Fixed income - Corporate (financial)

Percentage of AUM (+/-5%) per asset class invested in the area

100

- Fixed income - Corporate (non-financial)

Percentage of AUM (+/-5%) per asset class invested in the area

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#### Brief description and measures of investment

All our investment strategies aim at investing in environmental and social theme. However, as these themes are often diverse and mixed and given that company disclosure remains extremely limited, we currently are not in a position to communicate on the share of investment per theme at such a level of granularity. We suggest to reframe this question.

- Green buildings
  - Sustainable forestry
  - Sustainable agriculture
  - Microfinance
  - SME financing
  - Social enterprise / community investing
  - Affordable housing
  - Education
  - Global health
  - Water
  - Other area, specify
- No