

# MSCI ESG Climate Risk Reporting

► Our solutions help clients integrate climate assessments into all aspects of their investment process.

Take advantage of MSC ESG Research’s sophisticated climate risk analytics on securities across asset classes and streamline climate risk management processes within existing workflows using high volume climate reporting.

## MSCI Carbon Portfolio Analytics

MSCI ESG Research’s Carbon Portfolio Analytics report is a tool for understanding, measuring and managing carbon risk at the portfolio, sector, and company level. It is available directly from MSCI ESG Manager or as a Managed Service.

## MSCI Climate Risk & TCFD Report

Designed to assess climate related risks and opportunities and to align with the recommendations of the Task Force on Climate related Financial Disclosures (TCFD). Available as a managed service with batch reporting and customization capabilities.

## MSCI Climate VaR report

Climate Value-at-Risk (Climate VaR) is designed to provide a forward-looking and return-based valuation assessment to measure climate related risks and opportunities in an investment portfolio. The report offers deep insights into how climate change could affect company valuations. Available directly from MSCI ESG Manager or as a Managed Service.

### Key features and benefits

#### Integrated carbon risk assessments

Our climate risk reports include analysis of an extensive set of carbon risk management and exposure metrics, sourced from sophisticated in house research and climate models, from stranded assets to clean technology investments and scenario analysis.

#### Identify outliers

Analyze key sectors and companies where risk is concentrated to better inform carbon reduction strategies and support active dialogue and proxy engagement.

#### Transparent and understandable

Our reports include clearly defined metrics and analysis with context to help with the interpretation of the results.

For example, the report includes attribution analysis that evaluates how stock selection and sector weighting can explain the differences between the carbon footprint of a portfolio and the carbon footprint of portfolios replicating an index.

#### Climate scenario analysis

Our reports offer deep insight into how various climate change scenarios could affect company valuations, looking at both transition and physical risks and opportunities. They also provide Warming Potential at portfolio level: the thermometer shows the warming trajectory of a portfolio, and relates it to important target temperatures in global climate change regulations.

#### Actionable analysis

Our climate risk reports can help inform strategies to tilt the portfolio towards lower carbon emissions / intensity, or identify high risk companies with weak carbon management strategies relative to peers.opportunities. They also provide Warming Potential at portfolio level: the thermometer shows the warming trajectory of a portfolio,

#### Additional metrics on risks and opportunities

Our tools provides analysis on stranded asset exposure, together with assessments of carbon risk management practices and energy initiatives, in an effort to indicate possible exposure to environmental legislation and preparedness for transition to a low carbon economy.

## Data Delivery



### ESG Manager

Create, run and save analysis, download company level reports using a powerful web-based application.

Generate portfolio analysis using MSCI report templates: footprint calculator, Carbon Portfolio Analytics and Climate Value-at-Risk report.



### Custom data exports

Export your analysis in your preferred file type including Excel, CSV, EDS flat file via FTP or API.



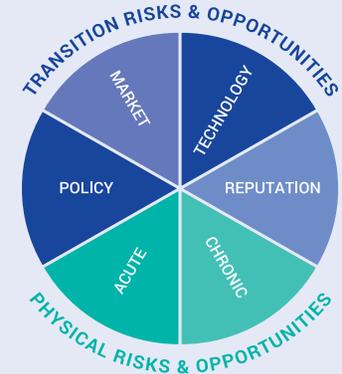
### Climate Risk & TCFD Report

Receive portfolio level Climate Risk & TCFD reports via managed service for one or hundreds of portfolios.

## Take the next step in your TCFD reporting with MSCI climate reporting solutions

The G20 Financial Stability Board's Task Force on Climate-related Financial Disclosures (TCFD) released recommendations in June 2017, which highlight the importance of using scenario analysis to assess climate change related impacts within the financial sector. It calls for the assessment of both the risk and opportunity side of transition and physical climate change impacts, and creates a reporting framework that allows institutions to prepare themselves for upcoming regulations.

MSCI's TCFD based reporting brief is aimed at institutional investors intending to report on their climate transition risk management processes according to the TCFD recommendations.



## About MSCI ESG Research products and services

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## About MSCI

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 50 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process.

To learn more, please visit [www.msci.com](http://www.msci.com).

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