

# MSCI ESG Climate Change Solutions

FROM MSCI ESG RESEARCH LLC

A holistic toolkit to enable clients to build more resilient portfolios

For more than 20 years, MSCI ESG Research has worked with institutional investors to incorporate climate change considerations in their investment process by providing an extensive view of climate change risks and opportunities across multiple dimensions: emissions data, fossil fuel exposure, forward-looking strategy assessment and clean technology exposure. Our climate change solutions are designed to support investors seeking to achieve a range of objectives, including measuring and reporting on climate risk exposure, implementing low carbon and fossil fuel-free strategies, and factoring climate change research into their risk management processes.

## Key features and benefits

### Forward-looking strategy assessment

Assessment of corporate issuers' climate change exposure and management practices to identify leaders and laggards when it comes to preparedness for transition to a low carbon economy.

### Climate risk vulnerability

Access climate risk exposure in the form of Scope 1, 2 and 3 carbon emissions and intensities, both as reported and estimated. Access quantitative data on reserves by fossil fuel type and revenue screens, as well as granular power generation data.

### Climate opportunity exposure

Obtain detailed information on the percentage of revenue companies derive from alternative energy, energy efficiency, green building, pollution prevention or sustainable water.

### Low carbon transition score

Access a single signal that helps interpret the various dimensions of low carbon transition risks and opportunities and compare companies within and across sectors.

### Integrated analytics

Climate change research is available on various MSCI platforms, including: MSCI Beon™, BarraOne, Risk Manager and BPM, to help clients streamline climate risk management processes, construct portfolios and conduct TCFD stress test.

### Identify Targets for Engagement

Climate change solutions can help institutional investors prioritize their engagement strategies, allowing them, for example, to identify large reserve holders and emitters in their portfolios that also lack a strong carbon management strategy.

### Extensive Equity and Fixed Income Coverage

Our climate change solutions offer evaluation of +9,000 companies and 200 sovereign issuers, covering over 95% of equity and fixed income market value. Research is produced 100% in-house, updated on an annual basis and submitted to companies for factual accuracy.

## Integrating climate change across the investment process

MSCI Climate Change Solutions are designed to support a diversity of approaches

### Engage

- Engage companies and external stakeholders to promote a more resilient world

### Integrate

- Integrate climate change considerations into company assessments
- Develop Low Carbon and Fossil Fuel Free strategies (active and indexed)
- TCFD Climate Scenarios Stress testing



### Assess

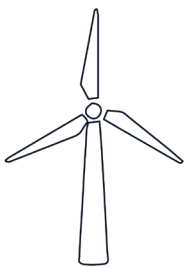
- Assess exposure to climate change risk and opportunities
- Peer benchmarking

### Allocate

- Define climate change strategy across asset classes
- Allocate to low carbon investments

## An extensive range of tools

MSCI provides investors with a wide range of data and tools designed to enable investors to achieve a variety of climate-related objectives and investment approaches, from screening, risk exposure analysis, and engagement. Tools include data on fossil fuel exposure, carbon emissions, and carbon risk management, as well as environmental indexes and portfolio reporting tools.



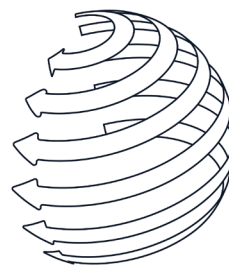
### Climate change metrics

Select from carbon management assessment, carbon and clean tech metrics and fossil fuel screens.



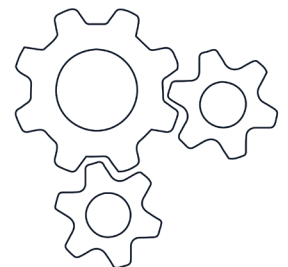
### Carbon portfolio analytics

Measure the climate change risk and opportunities exposure of your portfolio.



### Climate indexes

Choose from a range of climate change, environmental and thematic indexes



### Risk analytics

Streamline climate risk management processes and conduct TCFD stress test.

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## About MSCI ESG Research products and services

MSCI ESG Research products and services are provided by MSCI ESG Research LLC, and are designed to provide in-depth research, ratings and analysis of environmental, social and governance-related business practices to companies worldwide. ESG ratings, data and analysis from MSCI ESG Research LLC. are also used in the construction of the MSCI ESG Indexes. MSCI ESG Research LLC. is a Registered Investment Adviser under the Investment Advisers Act of 1940 and a subsidiary of MSCI Inc.

## About MSCI

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 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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