

# MSCI ESG CLIMATE CHANGE SOLUTIONS

FROM MSCI ESG RESEARCH INC.

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, management 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

### Climate Change Risk Assessment

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

### Climate Risk Exposure

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

Access detailed information on the percentage of revenue companies derive from Alternative Energy, Energy Efficiency, Green Building, Pollution Prevention or Sustainable Water.

### Off the Shelf Tools for Fossil Fuel Free and Low Carbon Approaches

Access pre-defined screens to facilitate the implementation of a fossil fuel free or low carbon strategy.

### Integrated Analytics

Climate Change Research is available on various MSCI platforms, including: ESG Manager, BarraOne, BPM, RiskManager.

### 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

Climate Change Solutions offer evaluation of +8,900 companies and 200 sovereign issuers, providing extensive coverage on equity and fixed income portfolios. Research is produced 100% in-house, updated on an annual basis and submitted to companies for factual accuracy.

### Flexible Application

Adjust screening thresholds and select metrics to tailor to client preferences. Combine MSCI ESG Carbon Metrics with clean technology data from MSCI ESG Environmental Impact and carbon management scores from MSCI ESG Ratings for development of comprehensive and customized carbon strategies on MSCI ESG Manager and MSCI analytics platforms.

## 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

### ASSESS

Assess exposure to climate change risk and opportunities  
Peer benchmarking



### INTEGRATE

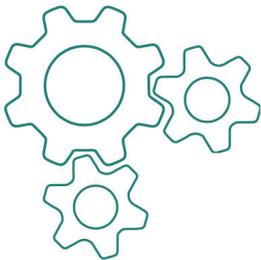
Integrate climate change considerations into company assessments Develop Low Carbon and Fossil Fuel Free strategies (active and indexed) TCFD Climate Scenarios Stress testing

### ALLOCATE

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

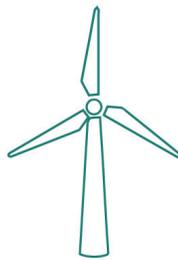
## AN EXTENSIVE RANGE OF TOOLS

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 management, as well as environmental indexes and portfolio reporting tools.



### CLIMATE RISK METRICS

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



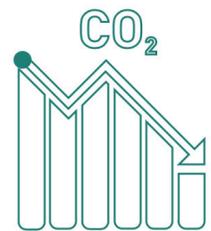
### CLEAN TECH SOLUTIONS

Identify cleantech and environmental solutions companies.



### CARBON PORTFOLIO REPORTING

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



### LOW CARBON INDEXES

Choose from a range of environmental and thematic indexes.

## 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

For more than 40 years, MSCI's research-based indexes and analytics have helped the world's leading investors build and manage better portfolios. Clients rely on our offerings for deeper insights into the drivers of performance and risk in their portfolios, broad asset class coverage and innovative research. Our line of products and services includes indexes, analytical models, data, real estate benchmarks and ESG research. MSCI serves 99 of the top 100 largest money managers, according to the most recent P&I ranking. For more information, visit us at [www.msci.com](http://www.msci.com).

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