

MSCI ESG CarbonMetrics

MSCI ESG CarbonMetrics provides oil, gas and coal reserves and emissions data to institutional investors looking to identify exposure to carbon asset risk posed by 'stranded assets.' MSCI ESG Research offers a suite of tools, including extensive metrics, pre-defined screening options, carbon portfolio analytics reports, and research on clean tech leaders, that can help investors implement a fossil fuel free or low carbon strategy and uncover opportunities.

Key Features and Benefits

Carbon Reserves and Emissions Data: Access quantitative data on reserves and potential emissions by fossil fuel type: coal, oil, natural gas, oil sands, shale gas and shale oil, as well as Scope 1 & 2 carbon emissions and intensities. Potential emissions are calculated using the methodology of the Potsdam Institute for Climate Impact Research.

Off the Shelf Tools for Fossil Fuel Free and Low Carbon Approaches: Access pre-defined screens to help facilitate the implementation of a fossil fuel free or low carbon strategy.

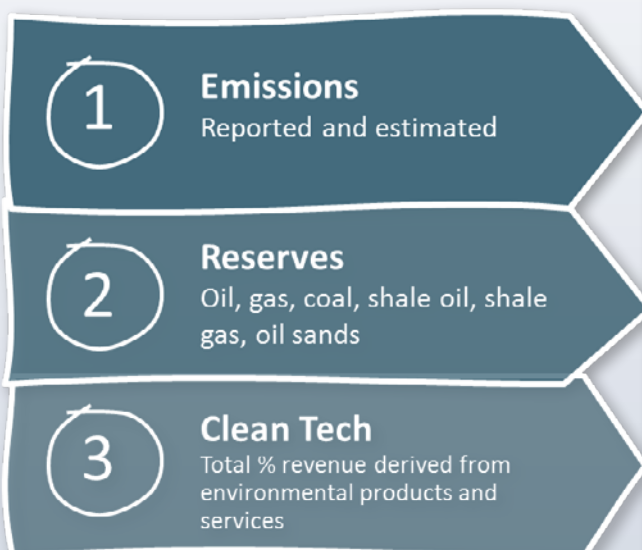
Flexible Application: Adjust screening thresholds and select metrics to tailor to client preferences. Combine MSCI ESG CarbonMetrics with clean technology data from MSCI ESG Environmental Innovators and carbon management scores from MSCI ESG IVA Ratings for development of comprehensive and customized carbon strategies on one platform, ESG Manager.

Identify Targets for Engagement: MSCI ESG CarbonMetrics can help institutional investors prioritise 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.

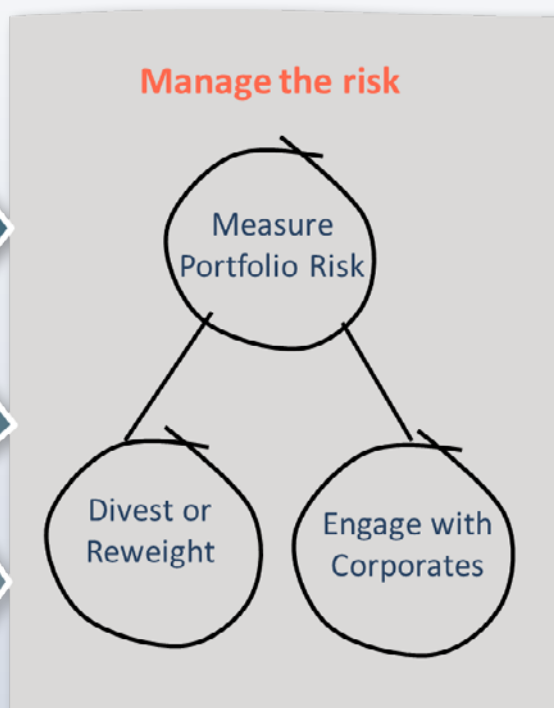
Automate Implementation: Automated data feeds can be integrated into OMS, trading, and compliance systems such as APL, Charles River, Latent-Zero, Sentinel, Advent-Moxy, ITG-MacGregor and Vestmark.

Comprehensive Coverage and Robust Research: MSCI ESG CarbonMetrics evaluates approximately 9,000 companies, covering the MSCI ACWI IMI. Bespoke coverage is available on request. Research is produced 100% in house, updated on an annual basis and submitted to companies for factual accuracy.

Understand the Exposure



Manage the risk



A Comprehensive Range of Tools:

In addition to **MSCI ESG CarbonMetrics**, we offer a range of products and services used by institutional investors to understand portfolio exposure to carbon asset risk and implement fossil fuel free and low carbon investment strategies.

- » **Clean Technology and Climate Solutions** – MSCI ESG Environmental Innovators identifies companies that provide solutions to climate change through involvement in clean technologies, as well as the percentage revenue they derive from these activities. Environmental Innovators can help investors looking for a thematic approach as an alternative to divestment.
- » **Thematic Indexes** – Choose from MSCI ESG's Environmental Indexes, including the MSCI Global Climate Index, an equal weighted index consisting of 100 companies that are leaders in mitigating the impacts of climate change.
- » **Portfolio Analytics** – Obtain a detailed analysis of your portfolio's exposure to fossil fuel reserves and carbon emissions, as well as the strength of the carbon management strategies of portfolio companies.



Carbon Metrics

Select from fossil fuel reserves, carbon metrics and screening tools



Low Carbon Indexes

Choose from a range of environmental and thematic indexes



Carbon Portfolio Reporting

Measure the carbon footprint of your portfolio



Clean Tech Solutions

Identify clean tech and environmental solutions companies

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About MSCI ESG Research

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

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