

MSCI ESG CARBON AND ENVIRONMENTAL TOOLS

FROM MSCI ESG RESEARCH INC.

MSCI ESG Research offers a suite of tools, including extensive metrics, pre-defined screening options, carbon portfolio analytics reports, and research on environmental leaders that can help investors implement a fossil fuel free or low carbon strategy and uncover opportunities. MSCI ESG Carbon and Environmental tools provide oil, gas and coal reserves and emissions data to institutional investors looking to identify exposure to carbon asset risk posed by 'stranded assets' as well as granular data on cleantech involvement to help support carbon substitution strategies.

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.

Granular Data on Environmental Involvement

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 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 cleantech and environmental data from MSCI ESG Environmental Metrics and carbon management scores from MSCI ESG Ratings for development of comprehensive and customized carbon strategies on the ESG Manager platform.

Identify Targets for Engagement

MSCI ESG Environmental Metrics can help institutional investors prioritise engagement strategies, allowing them, for example, identification of

large reserve holders and emitters that may also lack a strong carbon management strategy.

Automate Implementation

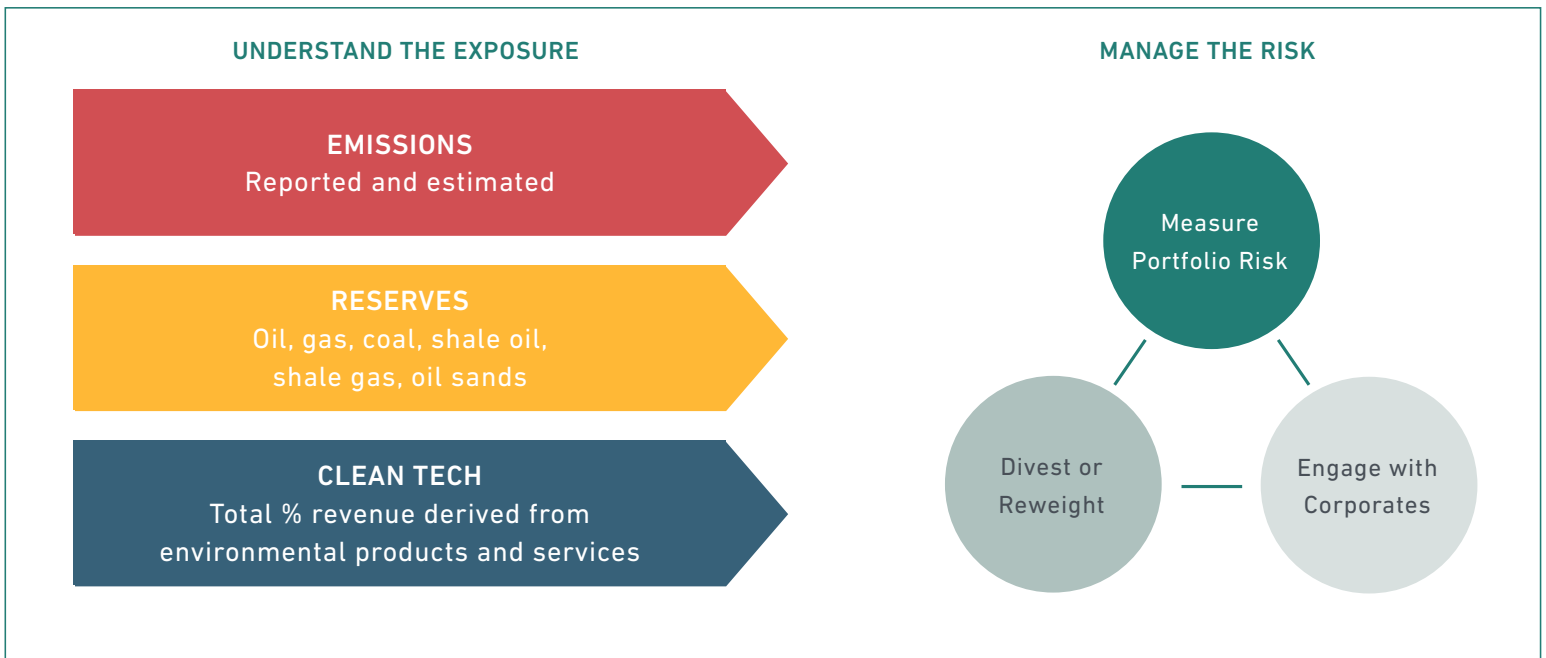
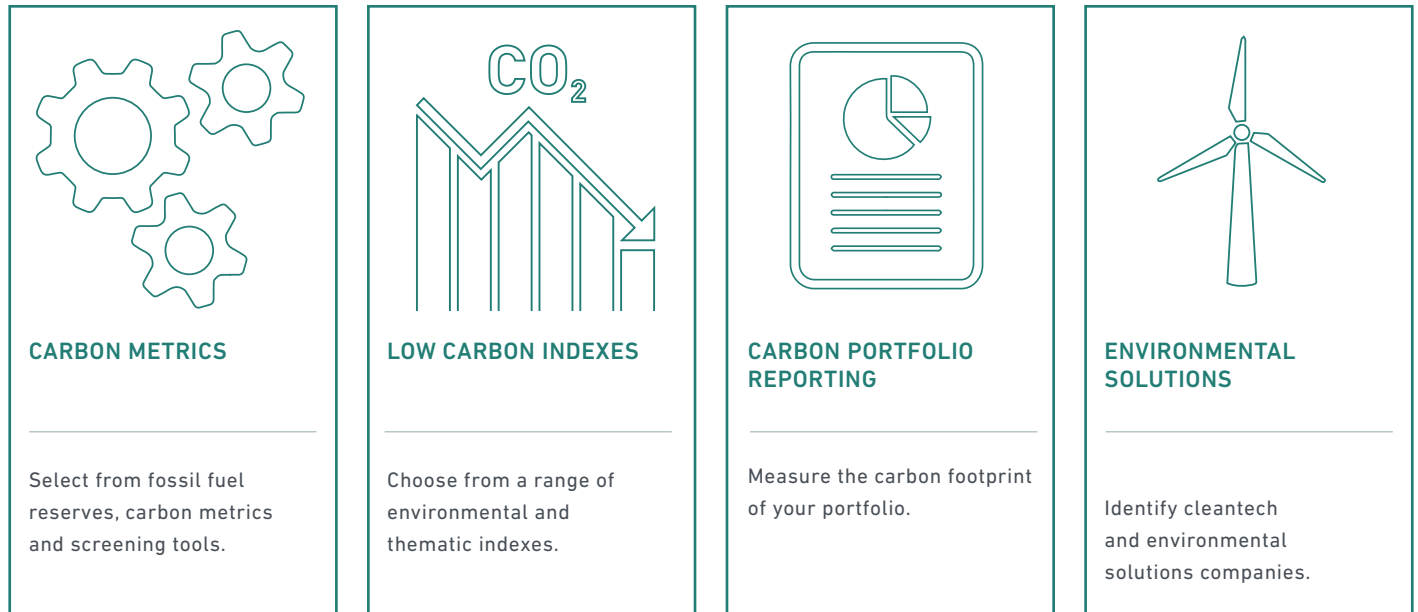
Automated data feeds can be integrated into OMS, trading, and compliance systems such as APL, Charles River, Latent-Zero, Sentinel, Advent-Moxy, ITG-MacGregor and Vestmark.

Comprehensive Coverage and Robust Research

MSCI ESG CarbonMetrics and Environmental Metrics evaluate approximately 8,500 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.

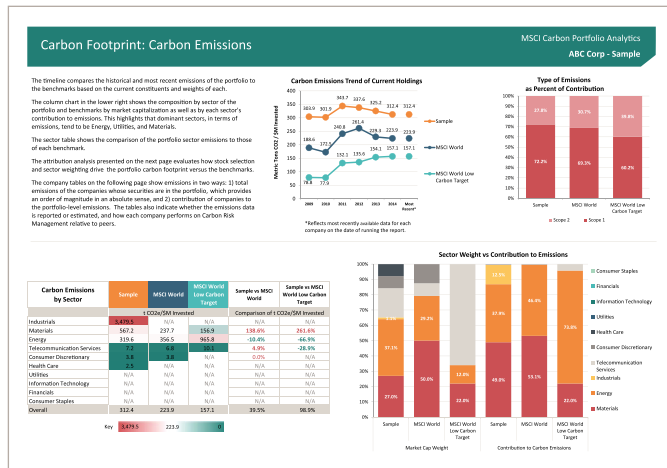
A COMPREHENSIVE RANGE OF TOOLS

MSCI provides investors with a comprehensive range of data on fossil fuel reserves, carbon emissions and sector application to facilitate screening, carbon risk exposure analysis and engagement.



CARBON PORTFOLIO REPORTING

MSCI offers customized portfolio reporting tools with insight into a portfolio's carbon characteristics in comparison to a benchmark.



ABOUT MSCI ESG RESEARCH PRODUCTS AND SERVICES

MSCI ESG Research products and services are provided by MSCI ESG Research Inc., 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 Inc. 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 and a subsidiary of MSCI Inc.

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