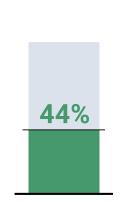


MSCI MEASURING CLIMATE CHANGE

WHAT METRICS SHOULD YOU USE?

Investors are increasingly integrating climate change factors into their strategies.



For example, 44% of investors say that reducing greenhouse gas emissions should be a priority for companies. Source: PwC's Global Investor Survey, 2022

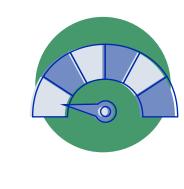
However, choosing the most suitable metrics for their investment goals can be challenging. And understanding the purpose of key metrics brings clarity.



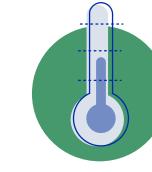
Some commonly used climate metrics include:



Greenhouse Gas or Specifically, Carbon **Emissions**



Low Carbon Transition Score



Implied Temperature Rise

Do you want to start by measuring:



Opportunities and Revenues Source: Principles of Responsible Investment, 2023 and MSCI, 2022

Here are some questions



Value-at-Risk (VaR)

Climate change's

potential impact

on my portfolio

Which Climate Metric Could Suit Your Goals?

Your portfolio's potential

impact on climate change?

that can guide you.

Or, climate change's

impact on your portfolio?



Do you want to look at current or forward**looking impact?**





Do you want to measure direct impact

due to companies' own operations or



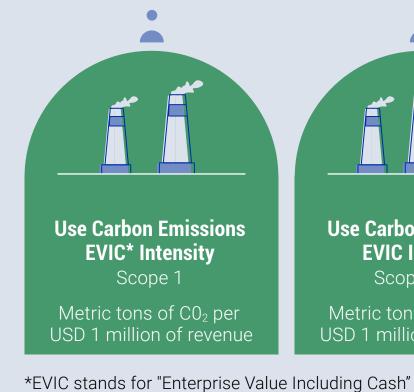
Do you want to measure potential future

emissions or projected temperature impact?



Emissions

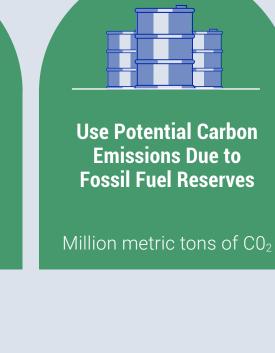




Direct

Use Carbon Emissions EVIC Intensity Scope 2 + 3 Metric tons of CO₂ per USD 1 million of revenue

Indirect



Exposure to

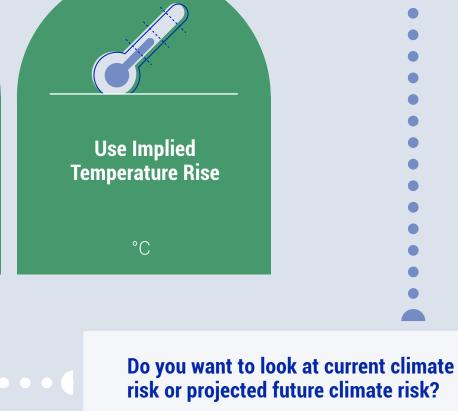
Opportunities

Use Cleantech

Revenue

% of total

company revenue



Temperature Impact

Current Climate Risk





Exposure to Risk

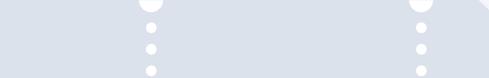


Both

Use Low Carbon

Transition Score

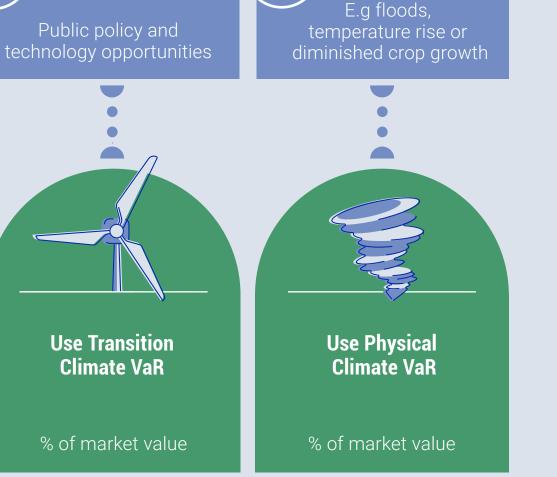
0-10 score



Transition Risk

There are two types of Climate VaR. Do you

want to look at transition risk or physical risk?



Physical Risk







differ in scope and objectives.

Climate metrics may substantially



designed to help investors understand and adapt to the climate transition. Their tools can help you reach your

MSCI's climate data and metrics are

climate-investing objectives.

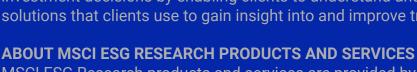


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Explore MSCI's paper on Understanding Climate Metrics



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