



INDUSTRY SNAPSHOT: CLIMATE RISK ANALYTIC TOOLS

AN INFOGRAPHIC

As climate risk assessment becomes increasingly critical for investment decision-making, the number of data and analytical tools that provide climate-related analytics is growing rapidly. CFA tracks data and analytics tools useful for investment decision making (for both public and private investors) on an ongoing basis. This update includes a smaller number of tools and providers due to acquisitions in the industry. Several data points include a breakdown by the type of climate risk covered. Below is a snapshot of characteristics and functions that climate risk data/analytics tools can provide as of June 30, 2022.

NUMBER OF TOOLS

Note: Some climate data/analytics providers offer multiple tools



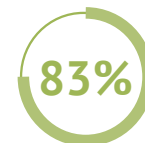
82 Tools

59 Providers

ARE THE TOOLS FREE?

14 are free to use

68 of tools require a fee or subscription

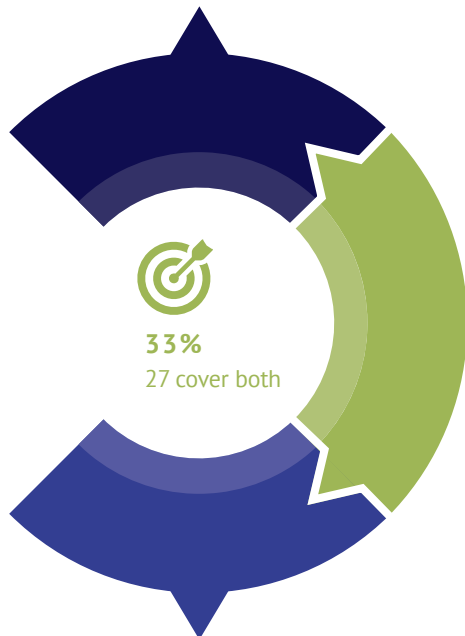


WHAT CLIMATE RISKS DO THEY COVER?



45%

37 cover only physical risk



22%

18 cover only transition risk

PHYSICAL RISK: RANGE OF PHYSICAL HAZARDS COVERED BY TOOLS



Flood



Extreme Weather



Extreme Heat



Extreme Precipitation



Landslide



Drought



Water Scarcity



Wildfire

TRANSITION RISK: TOOLS THAT CALCULATE POLICY RISK, CHANGES IN TECHNOLOGY COST, OR BOTH

93%

42 Policy

73%

33 Technology Cost

73%

33 Both



HOW MANY TOOLS PROVIDE QUANTITATIVE OUTPUTS?



74 quantitative outputs



8 may not provide quantitative outputs

OF TOOLS THAT PROVIDE QUANTITATIVE METRICS, (#/%) PROVIDE QUANTITATIVE METRICS IN FINANCIAL TERMS

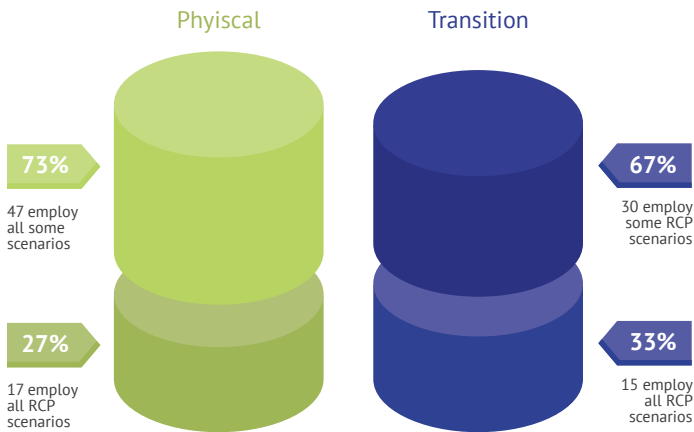


Physical (37)

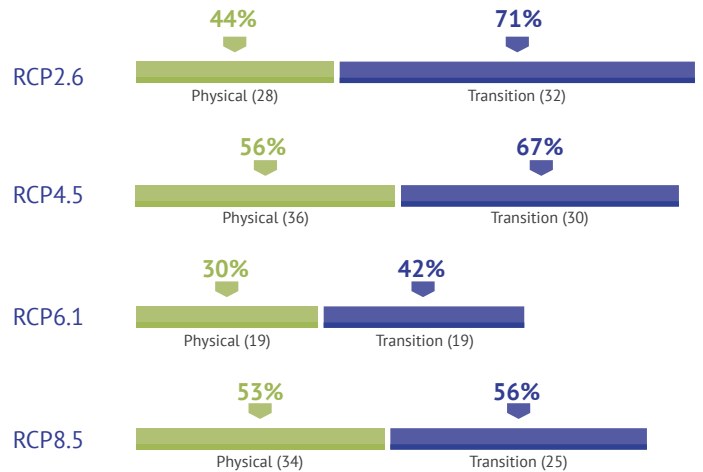


Transition (30)

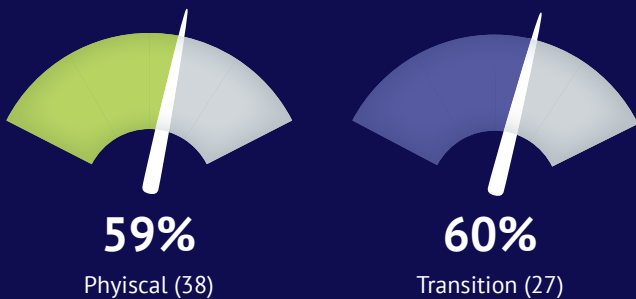
DO THE TOOLS INCORPORATE ALL RCP SCENARIOS?



WHICH IPCC RPC SCENARIOS ARE COVERED?



TOOLS THAT SAY THEY COVER EMERGING MARKETS



FUNCTIONALITY & TIME HORIZONS: DO THE TOOLS ALLOW USERS TO TOGGLE THROUGH DIFFERENT TIME HORIZONS?

