



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. 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 December 31, 2022.

NUMBER OF TOOLS

Note: Some climate data/analytics providers offer multiple tools



92 Tools

65 Providers

ARE THE TOOLS FREE?

18 are free to use

74 of tools require a fee or subscription

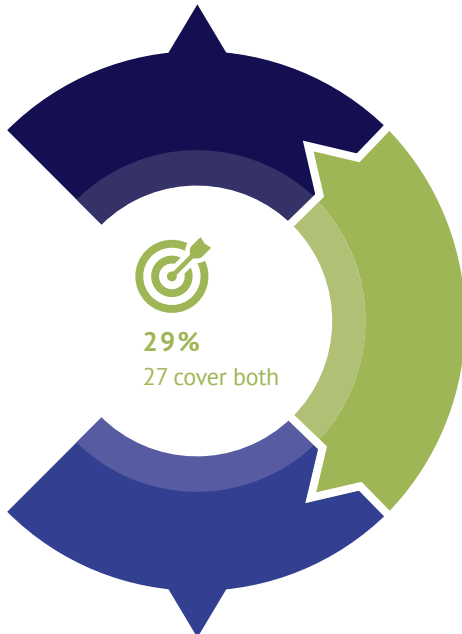


WHAT CLIMATE RISKS DO THEY COVER?



45%

41 cover only physical risk



26%

24 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

94%

48 Policy

76%

39 Technology Cost

76%

39 Both



**HOW MANY TOOLS PROVIDE
QUANTITATIVE OUTPUTS?**



84 quantitative outputs



8 may not provide quantitative outputs

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

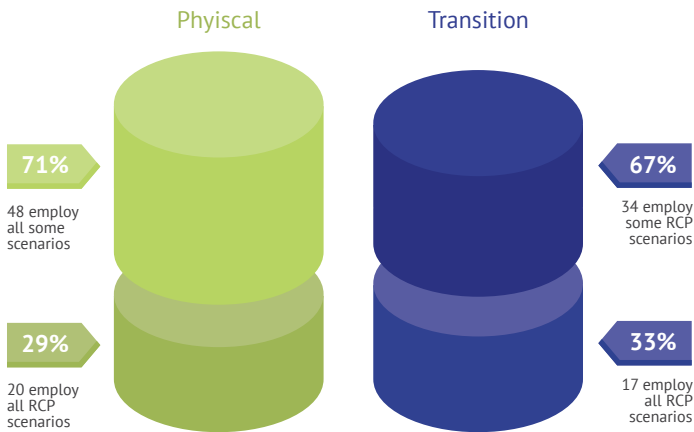


Physical (39)

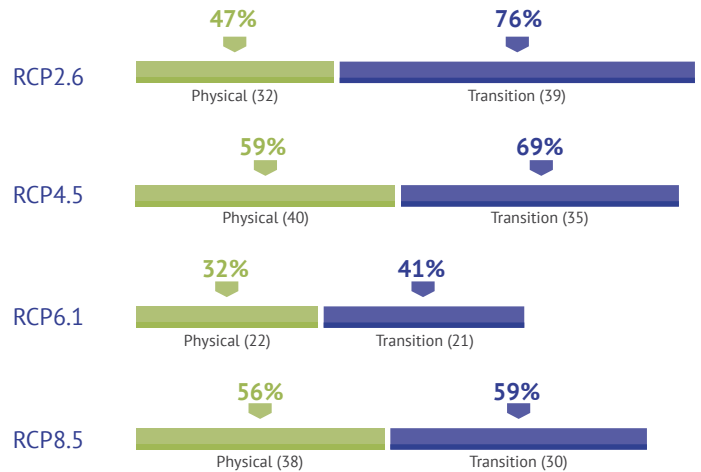


Transition (36)

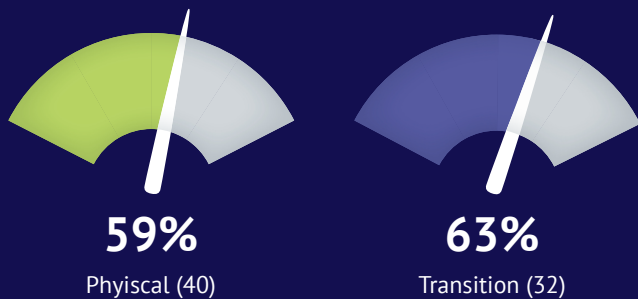
**DO THE TOOLS INCORPORATE
ALL RCP SCENARIOS?**



**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?**

