Quantify—and Drive Mitigation of—Physical Climate Risk Within Portfolio Companies

Jupiter Intelligence™ works with four of the world’s Top 10 asset management firms, empowering them to be proactive in identifying, quantifying, and mitigating physical climate risk within their portfolios. Jupiter turns gold standard climate science into actionable data for organizations looking to assess, manage, and disclose the physical risks of climate change and strengthen climate resilience. ClimateScore Global delivers the broadest set of leading-edge data covering the planet’s surface with 22.3 billion locations and 1+ petabytes of data, including 11,700 metrics across multiple climate perils.

Portfolio & Asset Management

Portfolio optimization
- Integrate climate risk data to adjust asset allocations within portfolios, enhancing resilience to climate change and potentially improving long-term returns by reducing exposure to high-risk sectors
- Create and manage sustainable and green funds based on better climate risk intelligence

Portfolio risk assessment
- Construct portfolios and assess their exposure to physical climate risk for individual entities and entire investment portfolios
- Develop portfolio benchmarks to identify entity outliers who are over/under exposed to climate hazards
- Calculate climate risk impacts to income statements and balance sheets (revenue, expenses, EBITDA, total asset value)
- Create bespoke, automated reports and visualizations for use on investment teams

Asset risk assessment
- During initial investment screening, identify assets or sectors with lower exposure to physical climate risks, aligning with a sustainable and risk-averse investment approach
- Quantify and optimize both real and financial asset value exposure to physical climate risk and integrate that risk into financial projections
- Provide guidance on risk mitigation for individual portfolio companies
- Understand emerging supply/value chain risk to companies and identify key upstream and downstream facilities that have the largest impacts to company financials

Due Diligence
- Assess physical risk from impacts of location-relevant climate perils to better understand the level of risk associated with the financing, acquisition, or construction of new assets
- Understand physical risk by company (both public and private) for existing and new investments through CEM (corporate entity modeling)

Competitive differentiation
- Offer investment products that are tailored to minimize climate risks, differentiating their offerings in a market increasingly focused on sustainability and responsible investing

Regulatory Response & Disclosure and Corporate Guidance

Climate risk disclosure
- Use climate risk assessments to ensure that investment strategies comply with emerging regulations on climate risk disclosure and sustainable investing, avoiding potential legal and financial penalties
- Facilitate more detailed risk disclosures, and understand when to require a more comprehensive assessment and disclosure of climate risk from portfolio holdings

Corporate guidance
- Educate internal and external stakeholders on climate risk impacts
- Integrate climate risk analysis into enterprise risk management decision making and persuade corporations, senior executives, and boards to take action

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