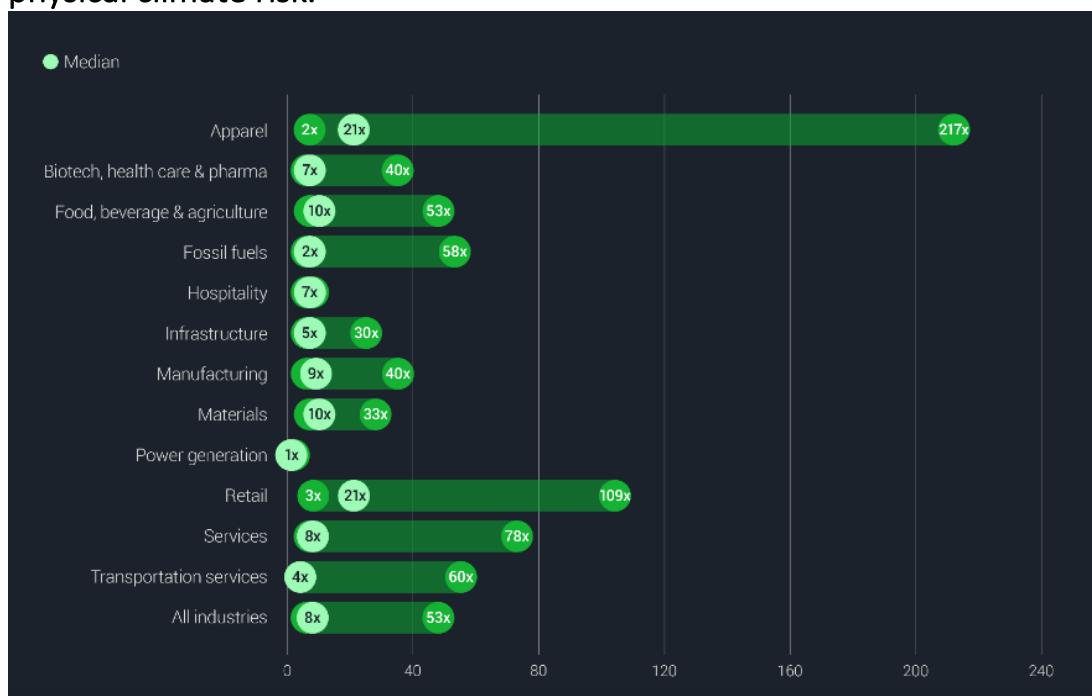


TPG Rise Climate Insight Digest

September 11th, 2025

Chart of the Week

Benefit-to-cost ratio: All industries see a potential return on mitigating physical climate risk.



Every \$1 spent on responding to climate risk offers a median return of up to \$21, according to the Carbon Disclosure Project's (CDP) **Disclosure Dividend Report**. The project calculates an industry's return attributable to business resilience, compliance, and increased access to capital, all of which are bolstered by early environmental disclosure that aids in risk identification and response. [\[CDP\]](#)

Energy Transition

The Clean Energy Finance Corporation (CEFC) has committed \$3.8 billion to the Marinus Link electricity connector, a project facilitating a two-way exchange of Tasmania's hydropower and wind and Victoria's excess solar and wind energy. The investment, the largest in CEFC's history, will provide clean power to up to 1.5 million Australian homes by 2030. [\[CEFC\]](#)

The European Commission is providing a \$755 million grant for Bornholm Energy Island to supply 3 gigawatts of offshore wind capacity to Danish and German energy grids. Bornholm Energy Island is the next step towards European energy connectivity, serving as an offshore cross-border renewable energy hub in the Baltic Sea. [\[Reuters\]](#)

Aalo Atomics breaks ground on its first experimental modular nuclear reactor following support from the DOE's Nuclear Reactor Pilot Program. The company hopes to have an operational reactor by Summer 2026, which would reduce a typically lengthy process from founding to operational fission to just three years. [\[World Nuclear News\]](#)

Green Mobility and Sustainable Fuels

Suzuki Motor begins production of the company's first EV, and invests in battery production facilities in India. Together, the announcements were met with a 2.6% rise in share price, to an all-time high. [\[Reuters\]](#)

The Netherlands Enterprise Agency has awarded \$645 million to German energy firm RWE for a 100 megawatt green hydrogen plant. The plant, located in the North of the Netherlands, is among several offtakers of a 795 megawatt offshore wind farm in the North Sea. [\[Hydrogen Insight\]](#)

India begins production of its first green hydrogen powered ships, employing hydrogen fuel cell technology. The government has launched a two-phase plan focusing on retrofitting existing ships and ports into a complete hydrogen ecosystem. [\[Yahoo Finance\]](#)

Sustainable Materials & Products

Backed by \$14 million in funding, UK start-up Xampla projects it will replace 10 billion single-use plastic items in the next five years with a plant-based polymer. The biodegradable and compostable material is the first to be produced entirely from regenerative plant protein feedstocks, and will replace units of the most polluting single-use plastics, including the plastic liners of coffee cups and takeaway packaging. [\[Business Insider\]](#)

Hyundai enters bio-leather innovation partnership reducing greenhouse gas emissions by 95% relative to animal-based leather. The initiative is the result of a partnership between Cradle, Hyundai's innovation hub, and UNCAGED, a biomaterials company creating leather alternatives that retain the texture and durability of animal leather. [\[Hyundai\]](#)

Africa's first net-zero village begins demonstration project using hydrogen to produce green ammonia sulfate fertilizer. The Namibian village is supported by the UN Industrial Development Organization and UK Department for Energy & Net-Zero, and is undergoing feasibility studies for a 2.5 gigawatt electrolyser that will produce 1 million tons of renewable ammonia annually. [\[Chemistry World\]](#)

Notable Corporate Commitments

Meta opens a \$1 billion data center in Kansas City, matched by 100% renewable energy to power its operations. The data center is LEED certified, meeting high standards for water conservation, supply chain responsibility, and recycling. [\[Meta\]](#)

Sony announces its target to reduce 60% of its scope 1-2 emissions in 5 years. The group's medium term environmental targets will be met through achieving 100% renewable electricity usage in Sony operations, boosting the usage of recycled tin and gold in circuit boards, and reducing Scope 3 emissions by 25%. [\[Sony\]](#)

Global Climate Commitments and Progress

BTG Pactual and the International Finance Corporation (IFC) to invest up to \$1 billion in Latin American sustainability by the end of 2028.

Through equity investments, co-financing, and private equity funds, BTG and the IFC will support development, conservation, and climate solutions. [\[Reuters\]](#)

UN Secretary General Antonio Guterres praises Papua New Guinea's leadership in and commitment to international climate advocacy in his recent visit. The country's leadership was instrumental to the International Court of Justice's July advisory opinion that national climate inaction could violate international law. [\[ABC News\]](#)

Multimedia Insights

The BBC World Service Podcast "The Climate Question" explores a 60% rise in shipments of solar panels to Africa in the past year, with the potential to generate 15 gigawatts of electricity and double the continent's solar capacity. [The episode](#) features Dr Rose Mutiso, Founder of the African Tech Futures Lab and Science Advisor at the Energy for Growth Hub.

[The Energy Gang](#) podcast reflects on the successes and challenges of a decade of COP negotiations since the 2015 Paris Agreement. Looking ahead, the discussion reflects on global landscape shifts since COP29 and likely outcomes from the upcoming COP30 in Belem, Brazil.

Climate Events

[COP30 in Belem, Brazil](#)

Dates: 10-21 November 2025

Preview: The UNFCCC's annual COP will convene the international climate community to discuss reducing greenhouse gas emissions, climate finance in developing countries, preserving forests and climate adaptation.

[NYC Climate Week Film Festival](#)

Dates: 19-22 September 2025

Preview: The Climate Film Fest offers four days of programming and screenings during NYC's climate week, highlighting human stories, new voices, and climate classics.

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