

EDHEC Climate Research Conference 2026

Climate Risk and Business Resilience:
From Science to Strategic Action

23 June 2026
One Birdcage Walk
London



EDHEC Climate Institute
London - Nice - Paris - Singapore

Conference Concept

Climate change is no longer a distant or theoretical risk; it is a concrete and material business challenge. Whether one accepts it or not, the evidence is clear: climatic shifts are already disrupting operations, damaging infrastructure, altering supply chains and eroding asset values. A sound business approach must therefore be pragmatic and proactive, acting now to safeguard future growth.

By mid-century, global climate change is projected to wipe out trillions of dollars in asset value, making the integration of climate risks – transition, as well as physical risks – an urgent priority for investors, corporates, and regulators alike.

This conference is designed to help decision-makers move beyond "what if" speculation and instead adopt hypothesis-driven, science-based approaches to managing climate risk.

A central focus of this event will therefore be the hyperlocal consequences of climate change. Rather than relying only on reference scenarios (NGFS, Oxford Economics), we will show how impacts vary sharply by geography, sector and even individual asset class.

Real-world case studies will illustrate how rigorous science can directly inform financial decisions across diverse asset types.



Morning Sessions

Strengthening Investment Resilience through Next-Generation Climate Insights

8.15 - 9.00 Registration & welcome coffee

9.00 - 9.30

Keynote Address

Conceptual and Technical Challenges in Evaluating Climate Change Impact on Capital Markets

A deep dive into the conceptual and technical challenges of assessing climate change's impact on capital markets.

- > Why traditional valuation models fail under climate uncertainty.
- > How physical and transition risks can be integrated into pricing frameworks, and what this means for risk premia, discounting, and market stability.
- > Emerging approaches for more realistic scenarios and robust climate-risk assessment.

Speaker:

Riccardo Rebonato, PhD, Professor of Finance, *EDHEC Business School*
and Senior Advisor, *EDHEC Climate Institute*

9.30 - 10.30

SESSION 1: Assigning Probabilities to Climate Scenarios

A science-based approach to quantifying the likelihood of future climate pathways and their implications for investors.

- > Assigns explicit probabilities to climate trajectories using state-dependent discounting and geo-sectoral extensions of NGFS scenarios.
- > Enables granular, asset-level risk assessment while accounting for model, structural, and policy uncertainties.
- > Key results indicate a 35–40% chance of >3 °C warming and a median outcome of 2.7 °C by 2100.

10.30 - 11.00 Break

11.00 - 12.00

SESSION 2: Hyperlocal Consequences of Climate Change

How high-resolution geospatial and satellite data reveal the uneven, hyperlocal impacts of climate change and their wider economic implications.

- > Uses satellite imagery, detailed meteorological records, and advanced modelling to map climate vulnerabilities at fine geographic scales and refines "climate betas" across regions and assets.
- > Shows how local climate shocks translate into broader economic slowdowns through measurable transmission channels.
- > Highlights that physical climate damages may exceed transition costs, underscoring the need for realistic, science-based climate-finance frameworks.

12.00 - 1.00

SESSION 3: Applied Case Studies

- > **Case Study 1:** Consequences on Real Estate Sector of Climate Change at a Local Level: exploring how high-resolution hazard modelling supports investment and adaptation decisions in property markets.
- > **Case Study 2:** EDHEC Climate Institute x Climate Innov - Flood Risk Intelligence: combining AI and satellite analytics to model short- and medium-term flood risks.
- > **Case Study 3:** Scientific Climate Ratings (SCR) — Quantifying Climate Risk for Infrastructure: quantifying physical and transition risks for infrastructure assets through a forward-looking, evidence-based framework.

1.00 - 2.00 Lunch Break

Afternoon Sessions

Proof Over Promises – Measuring and Optimising the Effectiveness of Climate Strategies

2.00 – 3.00

SESSION 1: Research-Driven Resilience: ClimaTech Strategies to Protect Industries from Physical Climate Risk

How EDHEC's ClimaTech project identifies effective resilience strategies to protect infrastructure and industries from escalating physical climate risks.

- > Presents a science-based taxonomy evaluating 103 resilience and decarbonisation strategies across 101 infrastructure types, resulting in 1,800+ assessed applications aligned with the EU Taxonomy.
 - > Shows how physical climate risks could erode up to 54% of infrastructure portfolio value by 2050 under extreme, no-mitigation scenarios, and around 20% on average.
 - > Demonstrates which strategies work for which assets through a practical use case analysing the resilience of Europe's top 100 companies.

3.00 – 4.00

SESSION 2: Transition Risk Beyond Carbon Tax

How the EDHEC Climate Institute's multi-factor approach captures the full spectrum of transition risks beyond carbon pricing.

- > Incorporates political and regulatory uncertainty, technological disruption, and Scope 3 emissions into a forward-looking, sector- and geography-specific transition-risk framework.
- > Provides a more robust, science-based view of transition exposure across diverse regulatory, technological, and market scenarios.
- > Lays the groundwork for scientific climate ratings for corporates and listed equities, giving investors actionable insights into transition resilience.

4.00 – 4.30 Break

4.30 – 5.30

SESSION 3: Applied Case Studies

- > **Case Study 1: ClimaTech and Real Estate:** how science-based, cost-effective strategies can address the sector's exposure to climate-related physical risks and regulatory demands, supporting adaptation planning and investment decisions.
- > **Case Study 2: ClimaTech and Maritime Transport:** assessing resilience of ports, logistics hubs and terminals by combining high-resolution geospatial data, climate projections and asset-specific vulnerability analyses.

End of Conference



About EDHEC Climate Institute

EDHEC Business School has been recognised for over 20 years for its expertise in finance. Its approach to climate finance is founded on a commitment to equipping finance professionals and decision-makers with the insights, tools, and solutions necessary to navigate the challenges and opportunities presented by climate change. EDHEC has developed a significant research capacity on the financial measurement of climate risk, which relies on the best researchers in climate finance, and brings together experts in climate risks as well as in quantitative analysis.

The EDHEC Climate Institute (ECI) focuses on helping private and public decision-makers manage climate-related financial risks and make the most of financial tools to support the transition to a low-emission economy that is more resilient to climate change. It has a long track record as an independent and critical reference centre in helping long-term investors to understand and manage the financial implications of climate change on asset prices and the management of investments and climate action policies. The institute has also developed an expertise in physical risks, developing proprietary research frameworks and innovative approaches. ECI is also conducting advanced research on climate transition risks, with a focus on supply chain emissions (Scope 3), consumer choices, and emerging technologies.

As part of its mission, ECI collaborates with academic partners, businesses, and financial players to establish targeted research partnerships. This includes making research outputs, publications, and data available in open source to maximise impact and accessibility.



To register visit our website:

<https://climateinstitute.edhec.edu/events/edhec-climate-research-conference-2026>



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