EDHEC | Climate Institute

Scientific Climate Ratings
An EDHEC Venture

CDRI
Coalition for Disaster Resilient Infrastructure

Conference Paris InfraWeek 2026

Beyond Risk Diagnosis: Making Adaptation and Resilience Investable

From climate science to resilience decisions, business cases, de-risking and financial recognition



3 November 2026 - 8.30am-11.30am

Cité internationale des arts - Paris

10 YEARS INFRA WEEK

A practical discussion on how physical climate risk can be translated into investable adaptation and resilience measures - for both new and existing infrastructure.

Event Rationale

Physical climate-risk assessment is increasingly able to quantify asset-level exposure, expected damage, business interruption and potential impacts on cash flows and asset value. The next frontier is to translate this evidence into decision-useful adaptation and resilience measures: identifying effective adaptation measures, comparing their costs and benefits, embedding them in infrastructure investment and asset-management decisions, demonstrating their contribution to financial performance, and determining how the resulting risk reduction can be recognised and rewarded by lenders, investors and insurers.

This event brings together complementary expertise spanning the adaptation and resilience investment chain. Coalition for Disaster Resilient Infrastructure (**CDRI**) will show how climate and disaster-risk evidence can be translated into prioritised, appraised and implementable resilience measures, and embedded in project preparation, procurement and asset management through its Resilience Cost-Benefit Analysis (RCBA) tool and wider lifecycle approach. **IIFC** (World Bank) and **Scientific Climate Ratings** will demonstrate how asset-level climate modelling can quantify avoided losses and establish the financial returns of specific interventions. Their Low Cost, High Yield research finds that well-targeted measures costing between 2.4% and 8% of asset value can protect several times the amount invested, while IFC's work on sustainability-linked finance shows how asset-specific adaptation and resilience indicators can be linked directly to financing conditions. **Blue Dot Network**, through the Angololo case, will complete the chain by examining how scientific evidence and independent certification can strengthen project credibility, reduce information asymmetries and help resilient infrastructure attract capital.

Together, the speakers will provide a complete view of how adaptation and resilience becomes investable:

measure physical risk → identify the appropriate intervention → quantify avoided losses and financial returns → de-risk the asset → recognise and reward resilience.

The discussion will deliberately extend beyond greenfield development. For the vast stock of infrastructure already in operation, the immediate question is how adaptation and resilience can inform maintenance, rehabilitation, additional CapEx, refinancing and concession decisions—and how demonstrable improvements in resilience performance can be reflected in risk allocation, credit assessment, insurance and the cost of capital.



Not Only Greenfield

The discussion will address new projects but will also place particular emphasis on existing infrastructure. A large share of the immediate adaptation and resilience opportunity lies in operating assets: integrating resilience into asset-management strategies, maintenance and rehabilitation programmes, capital-expenditure plans, refinancing decisions and concession reviews.

Objectives

› Move from general risk diagnostics to asset-specific adaptation and resilience decisions.

› Show, through precise cases, how technical resilience measures affect damage, disruption, revenues, costs and asset value.

› Examine how resilience measures can be appraised and embedded in project preparation, procurement, portfolio management, certification and investment decisions.

› Explore how resilience can be de-risked and rewarded by lenders, investors, insurers and public authorities.

Programme

Beyond Risk Diagnosis: Making Adaptation and Resilience Investable

Moderated by
Camille Angué, Director, ***EDHEC Climate Institute***

8:30 - 9:00
Welcome Coffee and Registration

9:00 - 9:10
Opening remarks - Beyond Diagnosis: Making Infrastructure Adaptation and Resilience Investable

Speaker:
Camille Angué, Director, ***EDHEC Climate Institute***

9:10 – 9:40
CDRI - Turning Resilience into Infrastructure Investment and Asset Management Decisions

20-minute presentation
10-minute Q&A

Speakers:
Amit Prothi, Director General, ***Coalition for Disaster Resilient Infrastructure (CDRI)***
Lorraine Alix, International Technical Expert in infrastructure financing, ***Coalition for Disaster Resilient Infrastructure (CDRI)***

9:40 – 10:10
IFC and Scientific Climate Ratings - Low Cost, High Yield: Quantifying the Business Case for Adaptation

20-minute joint presentation
10-minute Q&A

Speakers:
Oxana Meggle, Senior Investment Officer, ***IFC (World Bank)***
Thibaud Barnaud, Climate Risk Manager, ***Scientific Climate Ratings (EDHEC Venture)***

10:10 – 10:40
Blue Dot Network - Recognising and Rewarding Resilient Infrastructure: the Angololo Case

20-minute presentation
10-minute Q&A

Speaker:
Edwin Lau, Head, ***Blue Dot Network Secretariat***

10:40 – 10:45
Closing Remarks

Speaker:
EDHEC Climate Institute, Coalition for Disaster Resilient Infrastructure (CDRI)

10:45 – 11:30
Networking Coffee

Proposed Contributions

09:00-09:10
Opening Remarks - Beyond Diagnosis: Making Infrastructure Adaptation Investable

Speaker: **Camille Angué**, Director, *EDHEC Climate Institute*

Camille Angué will frame the central question underpinning the event: once an infrastructure asset has been identified as exposed to climate hazards, what happens next?

The introduction will connect scientific risk assessment with specific adaptation and Resilience measures, financial valuation and investment decisions. It will underline that adaptation cannot be limited to additional resilience requirements for greenfield projects. Existing assets must be assessed and improved throughout their operational life, particularly when maintenance, rehabilitation, additional CapEx, refinancing or concession decisions are made.

09:10-09:40
CDRI - Turning Resilience into Infrastructure Investment and Asset-Management Decisions

Speakers: **Amit Prothi**, Director General, *Coalition for Disaster Resilient Infrastructure (CDRI)*
Lorraine Alix, Director General, *Coalition for Disaster Resilient Infrastructure (CDRI)*

Format: 20-minute presentation followed by a 10-minute Q&A moderated by Camille Angué

CDRI will present its approach to across translating climate and disaster-risk evidence into appraised, implementable resilience measures the infrastructure lifecycle, from project appraisal and design to procurement, contracting, operation and maintenance.

Drawing on CDRI's Resilience Cost-Benefit Analysis (RCBA) tool, the presentation will demonstrate how project-level data and hazard information can be used to assess the case for additional resilience measures, particularly during project preparation and appraisal. The tool can help users to:

- Compare business-as-usual and resilience-enhanced project scenarios across the asset lifecycle;
- Assess the costs of additional resilience measures against expected financial returns, including avoided reconstruction and repair costs and avoided revenue losses arising from disruption;
- Estimate the net present value of future cash flows, absolute savings on recovery and reconstruction needs, the break-even point for the additional investment, and the benefit-cost ratio;
- Inform the cost-benefit analysis section of Detailed Project Reports and help make the case for resilience measures beyond minimum design-code requirements; and
- Support informed decisions on incorporating resilience measures during the early stages of infrastructure projects.

Complementing RCBA, CDRI's Disaster Resilience Toolkit provides guidance for line ministries and bidders on project identification and appraisal, resilience-oriented design options, and the incorporation of relevant measures in bidding and contractual documents.

These instruments provide a practical pathway for embedding resilience in infrastructure decision making—from project identification and appraisal to design, procurement, contracting and asset management. They can also support the assessment and prioritisation of retrofits and resilience investments in existing infrastructure, rather than focusing only on new construction. CDRI's work has found benefit-cost ratios of up to 12:1 in selected applications.

09:40-10:10
IFC and Scientific Climate Ratings - Low Cost, High Yield

Speakers: **Oxana Megglé,** Senior Investment Officer, *IFC (World Bank)* - invited;
Thibaud Barnaud, Climate Risk Manager, *Scientific Climate Ratings (EDHEC Venture)*

Format: 20-minute presentation followed by a 10-minute Q&A moderated by Camille Angué

IFC and Scientific Climate Ratings would jointly present the findings of Low Cost, High Yield: The Adaptation and Resilience Investment Opportunity for Infrastructure, produced by IFC, AXA Climate and Scientific Climate Ratings.

Using case studies from electricity transmission and distribution, water supply and sanitation, and roads, the speakers would show that targeted adaptation measures can require relatively limited expenditure while generating substantial financial and economic benefits.

IFC's Contribution

- Why adaptation and resilience constitutes an investment opportunity rather than merely an additional cost;
- Which benefits can be captured by private infrastructure owners and investors;
- How adaptation and resilience can protect revenues, service continuity and long-term asset value;
- Which financing mechanisms can address implementation barriers and mobilise private capital.

Scientific Climate Ratings' Contribution

- Translating climate hazards into asset-level damage and operational disruption.
- Estimating impacts on cash flows, costs and asset value.
- Comparing an unadapted baseline with alternative adaptation pathways.
- Measuring how specific resilience interventions change an asset's financial risk profile and rating.

The joint presentation should include precise examples of adaptation and resilience measures and their effects on financial indicators. It could also show how the approach supports existing portfolios: screening operating assets, prioritising resilience CapEx, informing maintenance plans, strengthening due diligence and providing evidence for refinancing or discussions with lenders and insurers.

10:10-10:40
Blue Dot Network - Recognising and Rewarding Resilient Infrastructure

Speaker: **Edwin Lau**, Head, *Blue Dot Network Secretariat* - invited

Format: 20-minute presentation followed by a 10-minute Q&A moderated by Camille Angué

Edwin Lau could present the Angololo Water Resources Development Project, building on the case presented at the EDHEC Climate Research Conference in London. Angololo is the first project under the Programme for Infrastructure Development in Africa to receive Blue Dot Network certification, and Scientific Climate Ratings has been applied to assess its climate-risk profile.

The case could show how independent certification and scientific assessment complement one another:

- Certification provides a trusted framework for infrastructure quality;
- Asset-level analysis makes physical climate risk and its financial consequences visible;
- The results can inform project design, adaptation and monitoring decisions; and
- Credible evidence can strengthen confidence among public authorities, lenders and private investors.

The case would provide a practical basis for discussing how resilience can be rewarded: through greater investor visibility, more efficient due diligence, access to a wider financing pool, stronger insurance engagement or potentially more favourable financing conditions.

The presentation could also examine how certification can extend beyond project development. Periodic assessment could allow existing assets to demonstrate that resilience is maintained or improved through adaptation investment, maintenance and operational management.

10:40-10:45
Closing Remarks

Speaker: **EDHEC Climate Institute,** *Coalition for Disaster Resilient Infrastructure (CDRI)*

The closing remarks will draw together the speakers' complementary contributions:

› CDRI: translating risk evidence into prioritised, appraised and implementable resilience measures, and embedding them in project and asset-management decisions.

› IFC and Scientific Climate Ratings: quantifying their financial value and demonstrating the investment opportunity.

› Blue Dot Network: providing credible recognition that can help de-risk infrastructure and mobilise capital.

Adaptation will scale when resilience is not only diagnosed, but translated into investable measures, demonstrated financially and rewarded throughout the infrastructure lifecycle.

10:45-11:30
Networking coffee

A 45-minute networking session will allow infrastructure investors, asset owners, developers, public authorities, development institutions and researchers to continue the discussion and explore potential applications and partnerships.

Selected References

› CDRI, Mainstreaming Disaster Resilience into Infrastructure Projects: Insights from Infrastructure Sectors in India (2026)

› IFC, AXA Climate and Scientific Climate Ratings, Low Cost, High Yield: The Adaptation and Resilience Investment Opportunity for Infrastructure (2026)

› EDHEC Climate Institute, Scientific Climate Ratings methodology overview

› Blue Dot Network at London Climate Action Week: the Angololo collaboration

EDHEC | Climate Institute

Scientific Climate Ratings
An EDHEC Venture

CDRI
Coalition for Disaster Resilient Infrastructure

For more information, please contact:
maud.gauchon@climateimpactedhec.com

To register:
Click here!

LONDON
10 Fleet Place, Ludgate
London EC4M 7RB - United Kingdom
Tel: +44 (0)207 332 56 00

NICE
400, Promenade
des Anglais - BP3116
06202 Nice
Cedex 3 – France
Tel: +33 (0)4 93 18 78 87

PARIS
16-18, rue du 4 Septembre
75002 Paris – France
Tel: +33 (0)1 53 32 76 30

SINGAPORE
1 George Street
#15-02 Singapore 049145
Tel: +65 (0)6438 0030