



## BPCA+ CLIMATE CHANGE ASSESSMENTS

The impacts of extreme weather on building infrastructure associated with climate change is fast becoming a significant area of concern for Investors (ESG), Insurance Providers, Portfolio Owners, Managers and Operators. Pinchin has developed bolt-on options to the traditional Building Property Condition Assessment (BPCA) to assist clients in understanding and managing the impacts and risks that infrastructure faces as the result of extreme weather events and our changing climate.

## ZERO CARBON READINESS SCREENING

The Zero Carbon Readiness Screening (ZCRS) process creates a baseline of portfolio energy usage coupled with creating a common-sense strategy to achieve carbon reduction targets. The ZCRS includes portfolio energy modelling which allows Pinchin to identify areas of high energy consumption and viable options for efficient reduction and returns. This will be accompanied by a Zero Carbon Policy Statement and Pinchin's Road Map to Net Zero reduction strategy.

## CLIMATE VULNERABILITY SUMMARY

Pinchin provides Vulnerability Condition Assessments based on ISO 31000 and the PIEVC protocol. PIEVC is a structured procedure using internationally recognized, standard risk assessment processes to assess and document the vulnerability of building infrastructure to the impacts of current and future climate at a screening level, and related risks. It has been applied to the design of new, shovel-ready projects, as well as to existing infrastructure in need of rehabilitation and retrofitting.

## SUSTAINABILITY SCORECARD

Our Climate Vulnerability Summary (CVS) includes an analysis of physical climate risks in relation to the geographical location of the site. The analysis includes a review of climate models and past climate trends. Floodplain identification is included within the analysis. Facilities today also target a variety of sustainability certifications such as LEED, GRESB, BOMA, and Fitwel. Pinchin's Sustainability Scorecard is a unique tool to measure how close a facility is to achieving a variety of certifications.

### Pinchin's BPCA+ reports provide valuable feedback:

- Developing the Risk Profile for a site based on Climate Vulnerabilities
- Climate Modelling for a geographic location
- Road Map for a Net Zero Strategy
- Data gathering from multiple inputs; drawings, specifications, Codes, Standards, historical records, interviews, logs and site visits
- A facilitated Workshop with project stakeholders to establish Consequence Scoring, Risk Appetite, and the Risk Evaluation Matrix
- Engineering analysis, if required
- Measurable feedback on attaining various sustainability certifications
- Adaptation or Mitigation measures

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