

CENTRE FOR SUSTAINABLE DEVELOPMENT REFORM

Draft Assessment Report

CLASSIFICATION

CLIENT CONFIDENTIAL

PROJECT

client-alpha-assessment

DATE

7 June 2026

Draft Assessment Report

CLIENT CONFIDENTIAL

Executive Summary

Alpha Corp's infrastructure portfolio demonstrates moderate climate resilience with significant opportunities for improvement in energy efficiency and renewable energy adoption.

Findings

Energy Efficiency

Current energy intensity across the portfolio averages 185 kWh/m², approximately 22% above industry best practice for comparable facilities.

Climate Resilience

Coastal facilities (12 of 47) face elevated flood risk under 2050 climate projections. Inland facilities show moderate heat stress vulnerability.

Recommendations

1. Implement building energy management systems across all facilities
2. Develop coastal facility adaptation plans within 12 months
3. Transition to renewable energy procurement for 80% of portfolio by 2028