

行政摘要 Executive Summary

綠色措施研究及碳評估

綠色措施研究為擬議發展評估落實各項綠色措施的可行性及建議主要的綠色措施，包括城市設計及規劃、運輸及物流、可再生能源、樓宇能源效能、節約及回收用水、廢物及物料管理方面。

本研究進行了碳評估及以量化工具發展潛力區內的碳排放量。評估先以五方面的碳排放源頭，包括樓宇能源、食水、廢水、家居廢物及運輸，制定碳排放的基準情況，然後比較兩個分別採納不同綠色措施組合的減排情況。

Green Initiatives Study and Carbon Appraisal

The Green Initiatives Study assessed the potential of implementing various green for the proposed development recommended key green initiatives in the areas of urban design and planning, transport and connectivity, renewable energy, building energy efficiency, water conservation and recycling, waste management and materials.

A carbon appraisal was conducted to quantify emissions that would be within the PDA boundary. A base carbon emission case was formulated based on five different areas of carbon emission sources including building energy, fresh water, waste water, municipal waste and transport. Two carbon reduction scenarios were considered based on incorporation of various combinations of green initiatives.