

二號客運大樓擴建工程 綠建環評鉑金級項目 Terminal 2 Expansion Works BEAM Plus Platinum Project



香港國際機場三跑道系統項目的二號客運大樓擴建工程獲評為「綠建環評新建建築1.2版暫定鉑金級」，是該項評估計劃的最高評級。由香港綠色建築議會推出的綠建環評認證，是本港的一項領先倡議，專門為建築物的可持續發展表現作獨立評估。擴建後的二號客運大樓將提供出入境的全面旅客服務。二號客運大樓擴建工程取得綠建環評認證，體現了機場管理局在落實環保機場設計及建築策略時，採取最佳實踐方法和創新方案的決心。

Terminal 2 (T2) Expansion Works of the Three-Runway System (3RS) project at Hong Kong International Airport have attained the Provisional Platinum rating under BEAM Plus New Buildings Version 1.2, the highest rating under the scheme. Certified by the Hong Kong Green Building Council, BEAM Plus is Hong Kong's leading initiative to offer independent assessments of building sustainability performance. The expanded T2 will become a full service terminal, providing both arrivals and departure services. The BEAM Plus certification obtained for the T2 Expansion Works of the 3RS exemplifies the Airport Authority Hong Kong's commitment to best practice and innovation in implementing its green airport design and construction strategy.



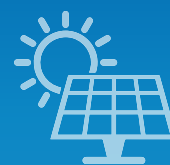
擴建二號客運大樓採用的環保設計特點包括：

Green design features adopted in T2 Expansion Works include:



能源使用 Energy Use

- 採用被動式的設計策略，及低能耗的直接節能設計技術
Adopt a combination of passive design strategies and low-energy active design techniques
- 在樓頂設計裝設太陽能電池板抵銷能源消耗
Install photovoltaic panels as part of the roof design to offset energy consumption
- 大樓外牆採用高效能玻璃、牆身和樓頂材料，提供良好隔熱能力
Use high energy-performance glazing, wall and roof materials on the façades to provide high thermal insulation



室內外環境 Indoor and Outdoor Environment

- 增加綠化覆蓋範圍，並考慮到需控制可能增加的雀鳥危害風險
Optimise greenery while taking the need to control any increased risk of bird hazards into account
- 使用低排放物料，提高室內空氣質素
Use low-emitting materials for higher indoor air quality



用水 Water Use

- 採用低流量衛生設備及滲漏監測系統，以節約食水
Use low-flow sanitary fittings and a water leakage detection system to reduce potable water consumption



創新 Innovations

- 在可行情況下盡量重用現有的建築物結構
Reuse existing building structures as far as practicable

