

二号客运大楼扩建工程 绿建环评铂金级项目 Terminal 2 Expansion Works BEAM Plus Platinum Project



香港国际机场三跑道系统项目的二号客运大楼扩建工程获评为「绿建环评新建建筑1.2版暂定铂金级」，是该项评计划的最高评级。由香港绿色建筑议会推出的绿建环评认证，是本港的一项领先倡议，专门为建筑物的可持续发展表现作独立评估。扩建后的二号客运大楼将提供出入境的全面旅客服务。二号客运大楼扩建工程取得绿建环评认证，体现了机场管理局在落实环保机场设计及建筑策略时，采取最佳实践方法和创新方案的决心。

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.



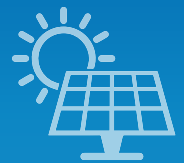
扩建二号客运大楼採用的环保设计特点包括：

Green design features adopted in T2 Expansion Works include:



能源使用 Energy Use

- 採用被动式的设计策略，及低能耗的直接节能设计技术
Adopt a combination of passive design strategies and low-energy active design techniques
- 在楼顶设计装设太阳能电池板抵销能源消耗
Install photovoltaic panels as part of the roof design to offset energy consumption
- 大楼外牆採用高效能玻璃、牆身和楼顶材料，提供良好隔热能力
Use high energy-performance glazing, wall and roof materials on the façades to provide high thermal insulation



室内外环境 Indoor and Outdoor Environment

- 增加绿化复盖范围，并考虑到需控制可能增加的雀鸟危害风险
Optimise greenery while taking the need to control any increased risk of bird hazards into account
- 使用低排放物料，提高室内空气质素
Use low-emitting materials for higher indoor air quality



用水 Water Use

- 採用低流量衛生设备及渗漏监测系统，以节约食水
Use low-flow sanitary fittings and a water leakage detection system to reduce potable water consumption



创新 Innovations

- 在可行情况下尽量重用现有的建筑物结构
Reuse existing building structures as far as practicable

