



2013 香港環保卓越計劃

Hong Kong Awards for Environmental Excellence

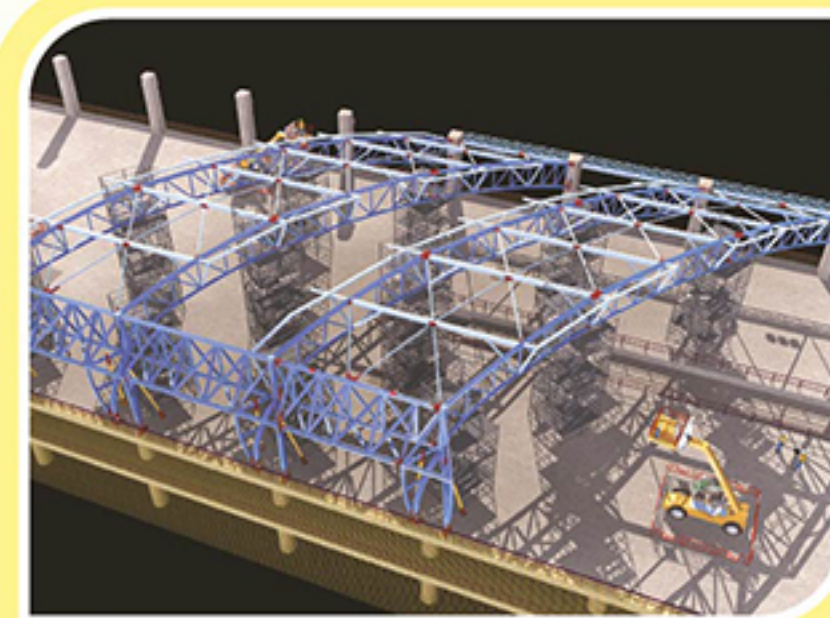
建造業 Construction Industry

金獎
Gold Award



金門建築有限公司 Gammon Construction Limited

香港機場管理局合約P533機場中場客運廊工程 Airport Authority Hong Kong Contract P533 Midfield Concourse Works



工程團隊視保護環境為重任，除嚴守環保法例及合約要求外，更積極實踐多項「源頭減廢」、「低碳建築」的環保管理措施，藉此實現「可持續發展建築」。



採用「建築資訊模型」技術令工程團隊預先檢視工地施工程序，從而提高效率、制定更準確的來料時間表，以及減少不必要的損耗。

Adopting Building Information Modelling technology to allow the project to be "virtual-before-built" as such to enhance efficiency, enable more accurate construction material delivery schedule and reduce wastage.

The Project team upholds environmental protection with proactive approaches. While strictly complying with all environment-related legislation and contractual requirements, the Project team has implemented a number of "Use Wisely, Waste Less" and "Low Carbon Construction" initiatives, thus achieving "Sustainable Construction".



在工地現場設立石矢廠，大幅減少約1,000噸因運送石矢而產生的碳排放。

Establishing an on-site concrete batching plant to significantly reduce about 1,000 tonnes of carbon emissions generated during concrete delivery.



在工地現場設立大型泥石儲存區及碎石廠，令工程重用超過70%的棄土及減少120,000立方米須運往公眾填料接收設施的惰性廢料。

Setting up an on-site bulk stockpile yard and stone crushing plant to reuse over 70% spoil on-site, and reduce 120,000 m³ inert C&D waste disposed to Public Fill Reception Facilities.



使用機械化模板系統及於工地現場設立預製組件工廠，令工程大幅減少約3,500噸木材廢料，以及有效減少碳排放，亦有助提升工程質素及效率。

Using a mechanical steel system formwork and establishing an on-site precast fabrication yard to greatly reduce timber waste of about 3,500 tonnes and minimise carbon footprint, while improving the work quality and efficiency.