

ENVIRONMENTAL OUTCOMES AND GAINS THROUGH THE STATUTORY ENVIRONMENTAL IMPACT ASSESSMENT PROCESS 法定環境影響評估程序的環境成果與增益

Kai Tak Sports Park (Kai Tak Multi-purpose Sports Complex)

啟德體育園 (啟德體育園區)

Main Stadium with retractable roof, double acoustic doors, etc. and Public Sports Ground with cover over spectator stand to control potential noise impacts

主場館設有可開合上蓋，雙重隔音門等，公眾運動場觀眾席上方將興建上蓋，以控制潛在的噪音影響

Public Sports Ground
公眾運動場

Indoor Sports Centre
室內體育館

Main Stadium
主場館

Creation of landscaped open space for public enjoyment
提供園景休憩用地供公眾享用

Visual focus-of-attention along Victoria Harbour
主場館將成為維港的特色地標

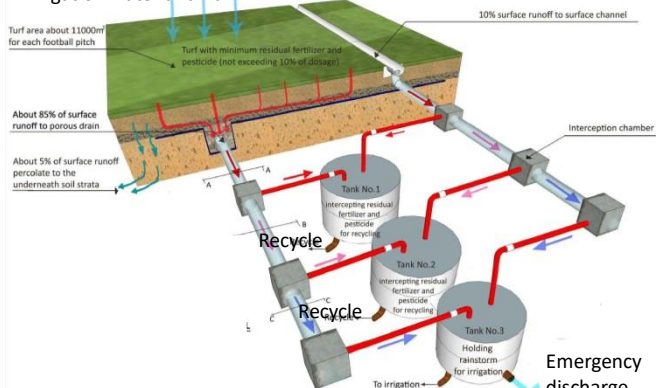
Intercepting System (if natural turf is adopted) to minimize the possible escape of residual fertilizer and pesticides in the surface run-off

採用攔截系統，儲存可能受到殘餘肥料和除害劑污染的地表徑流作循環再用 (如使用天然草坪)

Promote eco-friendly transport (Electric Vehicle charging facilities)
推廣環保交通 (電動車充電裝置)



Irrigation water and Rain



QUICK LINKS 快速連結

Project Description 工程項目詳情

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Environmental Outcomes and Gains 環境成果與增益

Kai Tak Sports Park 啟德體育園

EIA Study Brief (No. ESB-274/2014) issued on 16 July 2014

EIA Report (No. AEIAR-204/2017) approved on 6 January 2017

環評研究概要 (No. ESB-274/2014) 發出日期: 2014 年 7 月 16 日

環境影響評估報告(No. AEIAR-204/2017) 批准日期: 2017 年 1 月 6 日

Project Description 工程項目詳情

The Kai Tak Sports Park (the KTSP or the Project) is situated in the North Apron Area of the Kai Tak Development (KTD), with site area of about 28.2 hectares.

Major components comprise of a 50,000-seat Main Stadium, a 5,000-seat Public Sports Ground and a 10,500-seat Indoor Sports Centre. The supporting facilities include car parking spaces, hotel, office area for sports-related organizations and a commercial area.

啟德體育園（工程項目）位於前啟德機場的北面停機坪，佔地約 28.2 公頃。

工程項目主要包括，一個有 50 000 個座位的主場館、一個 5 000 個座位的公眾運動場、一個 10 500 個座位的室內體育館及其他附屬／配套設施，如停車場、酒店、辦公大樓和零售及餐飲店鋪。

Nature of the Designated Project under EIA Ordinance “環境影響評估條例” 指定工程項目的性質

The Project includes the following Designated Projects (DPs) under the Environmental Impact Assessment Ordinance (EIAO):

本工程項目包含以下《環境影響評估條例》(《環評條例》)的指定工程項目：

<p>Schedule 2, Part I</p> <p>附表 2，第 I 部</p>	<ul style="list-style-type: none">● Item O.6- An open air concert venue with a capacity to accommodate more than 10,000 persons項目 O.6- 可容納超過 10 000 人的露天音樂會場地● Item O.7- An outdoor sporting facility with a capacity to accommodate more than 10,000 persons項目 O.7- 可容納超過 10 000 人的戶外運動設施
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Key Environmental Issues 主要環境問題

Impacts 影響	Concerns 關注
Noise 噪音	<ul style="list-style-type: none"> - Noise impacts arising from sports and musical events - Noise from crowd dispersal after events - Traffic noise impact on the surrounding noise sensitive receivers (NSRs) caused by the traffic induced by the Project - 體育賽事和音樂表演活動產生的噪音影響 - 來自活動完結後人羣疏散時所產生的聲浪 - 因本工程項目所引致的交通對附近的噪音敏感受體可能造成的噪音影響
Landscape and Visual 景觀及視覺	<ul style="list-style-type: none"> - Loss of approximate 160 trees (which are not of any importance nor with high amenity value) during construction of the Project, where 340 new trees will be planted to compensate the loss - Glare impact on Sensitive Receivers - 本工程項目會栽種 340 棵新樹以補償施工期間被砍伐的約 160 棵樹木 (全屬非重要樹木，美化價值也不高) - 對視覺敏感受體的眩光影響
Air Quality 空氣質素	<ul style="list-style-type: none"> - Vehicular emissions from traffic induced along the routes - 因本工程項目的交通所引致的車輛排放
Water Quality 水質	<ul style="list-style-type: none"> - If natural turf is used, surface runoff from the Main Stadium and the Public Sports Ground may contain residual fertilizers and pesticides - 如主場館及公眾運動場使用天然草坪，地面徑流可能帶有殘餘肥料和除害劑

Key Environmental Mitigation Measures 主要環境緩解措施

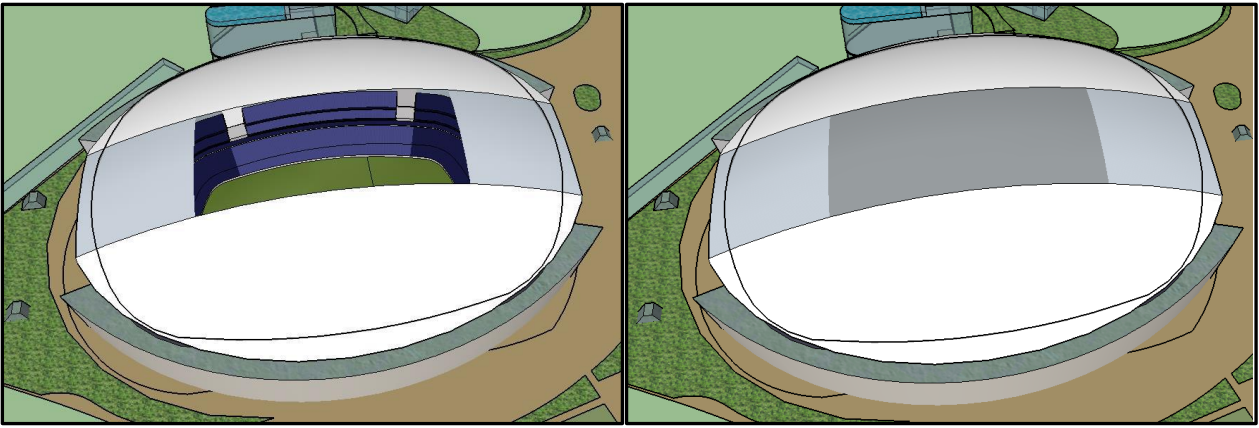
Impacts 影響	Measures 措施
Noise 噪音	<ul style="list-style-type: none"> - Acoustic designs for the Main Stadium includes sound-proofing retractable roof, double acoustic doors and acoustic panels - A cover will be built over the spectator stand of the Public Sports Ground - Specific dispersal routes will be used for the crowd dispersal for events finishes at or after 10:30 p.m. - 主場館和公眾運動場的聲學設計會配備隔音功能，包括可開合上蓋，雙重隔音門和隔音板 - 公眾運動場觀眾席上方將興建上蓋 - 在晚上十時半或之後結束的大型活動，會於設定的路線上疏散人羣
Landscape and Visual 景觀及視覺	<ul style="list-style-type: none"> - Creation of new open space for public enjoyment - Architectural designs with extensive tree-planting and greening on walls and roofs - Design of lighting to avoid pointing directly towards sensitive receivers, use of anti-glare shields and external lighting to be switched off after 11:00 p.m. to minimize glare impact - 提供園景休憩用地供公眾享用 - 建築設計包括在牆壁和屋頂進行植樹和綠化 - 採用不會直接照射敏感受體的照明設計及安裝防眩光屏蔽;以及戶外照明在晚上十一時後自動關上，以減少眩光影響

Air Quality 空氣質素	<ul style="list-style-type: none"> - Provision of Electric Vehicle (EV) charging enabling facilities for all parking spaces for private cars - Provision of EV charging facilities in at least one-third of the parking spaces for private cars - 在所有私家車停車位提供可配備電動車充電裝置的設施 - 在最少三分之一的私家車停車位提供電動車充電裝置
Water Quality 水質	<ul style="list-style-type: none"> - An intercepting system for storage of surface runoff for reuse (if natural turf is used as default playing surface) to minimize the possible escape of residual fertilizers and pesticides in the surface run-off - 採用攔截系統，儲存地表徑流作循環再用，確保不會排放可能受到殘餘肥料和除害劑污染的地表徑流（如預設的球場表面使用天然草坪）

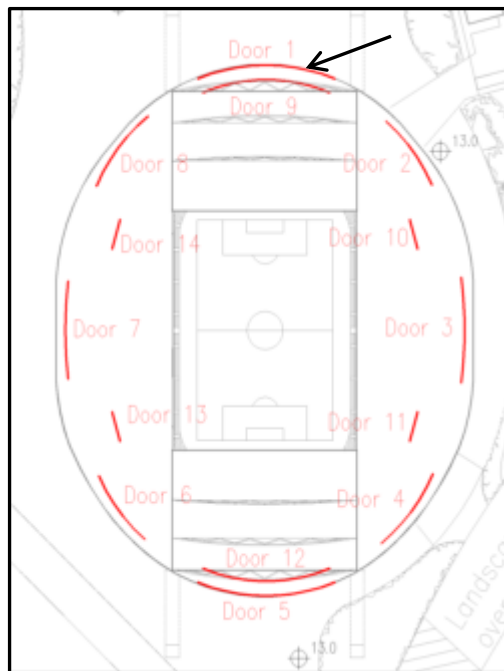
Environmental Outcomes and Gains 環境成果與增益

1. Noise from Main Stadium and Public Sports Ground 主場館和公眾運動場的噪音

- Acoustic features will be adopted in the design of the Main Stadium and the Public Sports Ground to control the potential noise impacts arising from sports and musical events. The entrances of the Main Stadium will be equipped with double acoustic doors. A retractable roof, which forms part of the design of the Main Stadium, will be closed when needed. For the Public Sports Ground, a cover will be built over the spectator stand.
- 主場館和公眾運動場的設計會配備隔音功能，以控制體育活動和音樂表演活動所可能引致的噪音影響。主場館入口處會設有雙重隔音門。主場館的設計包括可開合上蓋，在有需要時可把上蓋關上。公眾運動場方面，觀眾席上方將興建上蓋。

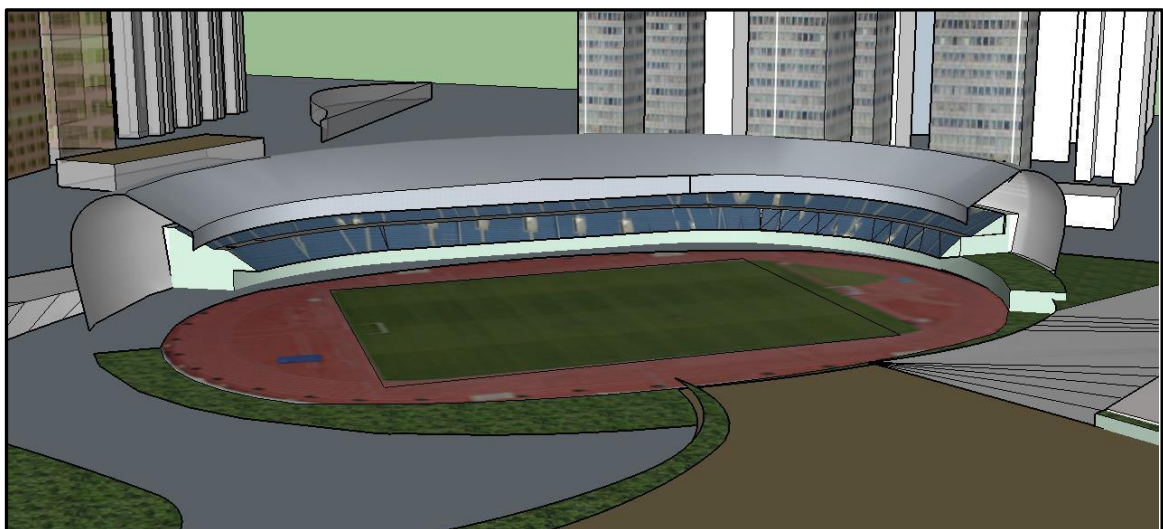


Retractable Roof of Main Stadium 主場館的設計包括可開合上蓋



Double Doors
雙重隔音門

Double Doors of Main Stadium 主場館入口設有雙重隔音門



Cover over Spectator Stand of Public Sports Ground 公眾運動場觀眾席上方將興建上蓋

2. Green Measures for Minimizing Traffic Emissions 減少交通排放的綠色措施

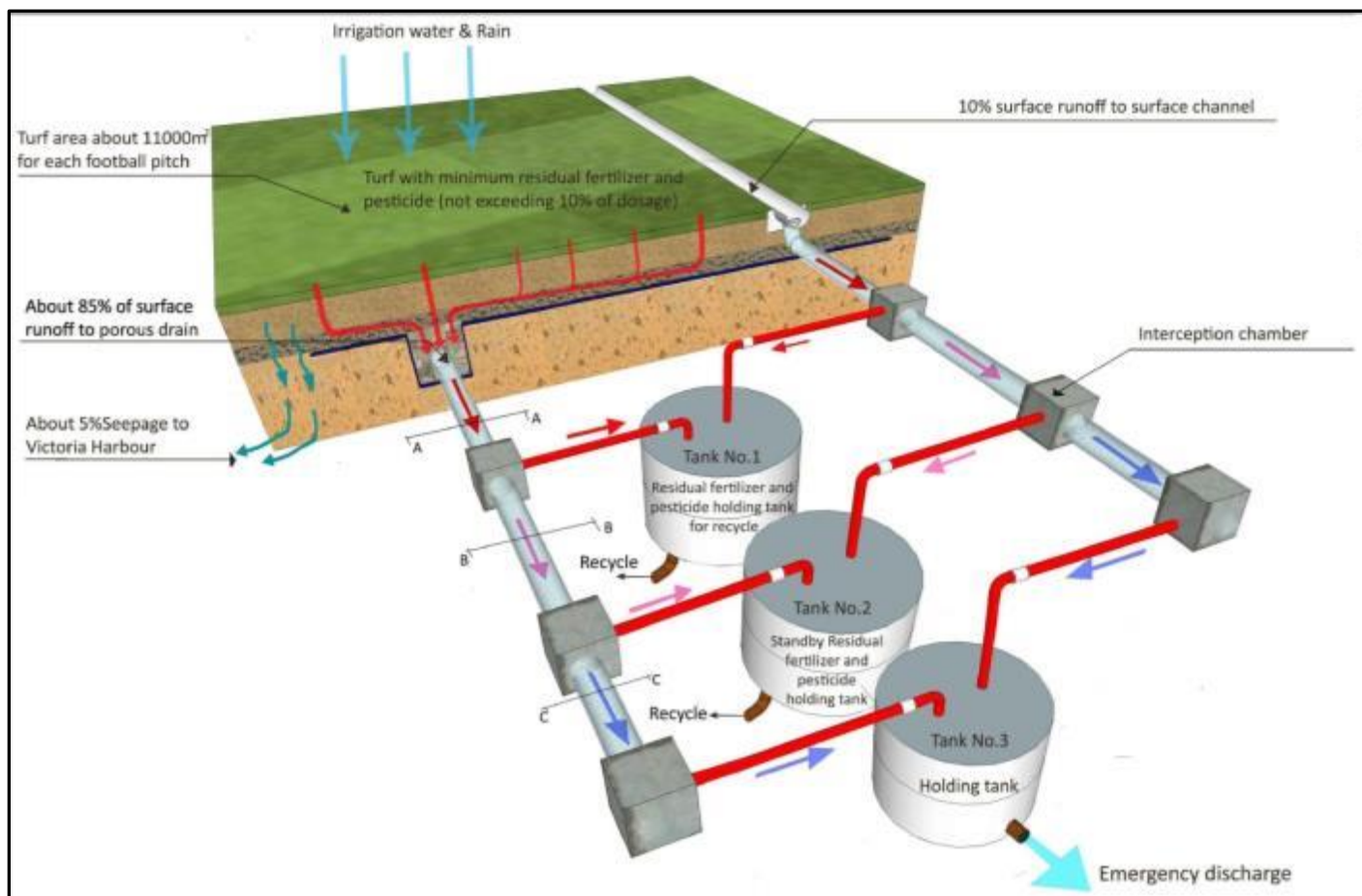
- To promote eco-friendly transport, the KTSP will provide electric vehicle (EV) charging enabling facilities for all parking spaces for private cars; EV charging facilities for at least one-third of the parking spaces for private cars to reduce the NO₂ emission
- 為了推動環保交通，啟德體育園將在所有私家車停車位提供可配備電動車充電裝置的設施；在最少三分之一的私家車停車位提供電動車充電裝置，以減少二氧化氮的排放



Electric vehicle (EV) charging facilities 電動車充電裝置

3. Intercepting of Surface Runoff 攔截地表徑流

- Intercepting and storage system will be provided to collect surface runoff (if natural turf is used as the default playing surface) to minimize the possible escape of residual fertilizer and pesticides in the surface run-off
- 如預設的球場表面使用天然草坪，將採用一個攔截系統儲存地表徑流供循環再用，以確保不會排放可能受到殘餘肥料和除害劑污染的地表徑流



Intercepting System 攔截系統

4. Creation of Open Space for Public Enjoyment 項目場地美化

- The Project area will be developed as the Kai Tak Sports Park with large open space of landscape features and extensive greenery for the public to enjoy
- 啟德體育園將透過大量栽種林木和闢設公共空間供公眾享用



View from Sung Wong Toi Park on the West of KTSP 從西面的宋皇臺公園望向啟德體育園

5. Visual Focus-of-Attention along Victoria Harbour 維港特色地標

- With a state-of-the-art retractable roof for the Main Stadium, the KTSP will become a landmark feature with strong visual focus-of-attention along the harbour view of Hong Kong
- 主場館的可開合上蓋將成為維港的特色地標



Aerial View of KTSP 從空中俯瞰啟德體育園

Links and References 連結與參考

[Executive Summary 行政摘要](#)

[Environmental Impact Assessment Report 環境影響評估報告](#)

[Advisory Council on the Environment - Environmental Impact Assessment Subcommittee 環境諮詢委員會-環境影響評估小組會議文件 \(ACE-EIA Paper 5/2016\)](#)

[Kai Tak Sports Park 啟德體育園](#)