



Stakeholders Engagement

Through engagement with internal and external stakeholders, we share technical knowledge and collect opinions for continuous improvement in environmental management.

Our Staff

Green Training

We place emphasis on the adequacy of training provided to our staff for their effective discharge of duties. To keep our staff abreast of the latest knowledge in environmental management, we arranged various training courses in 2016 to different target staff.

| Course Name | Date | No. of Participant |
|--|-------------------------|--------------------|
| Balancing Tree Retention and Public Risk (Tree Health, Inspection and Recommendation) | 18/01/2016 - 20/01/2016 | 4 |
| 2-day Workshop on Tree Pruning | 22/01/2016 - 25/01/2016 | 1 |
| Green Compliance without Tears: A Better Understanding of the Hong Kong Environmental Laws | 27/01/2016 | 14 |
| Seminar on Evaluation of Trichoderma as Biological Control Agent against BRR Disease Infected Trees in Hong Kong | 29/01/2016 | 11 |
| Professional Tree Inspection (Hong Kong) | 03/05/2016 - 05/05/2016 | 3 |
| Workshop on Occupational Health and Safety in Arboriculture with Course no.: PCSF0125-003 | 12/05/2016 - 13/05/2016 | 1 |
| 2-day Workshop on Tree Pruning | 16/05/2016 - 17/05/2016 | 4 |
| Seminar on Proper Tree Care | 20/05/2016 | 12 |
| Tree Risk Assessment Qualification Course | 02/06/2016 - 04/06/2016 | 5 |
| 2-day Workshop on Tree Pruning (16-hour) | 02/06/2016 - 06/06/2016 | 4 |
| Training Workshop on Tree Pruning | 02/06/2016 - 06/06/2016 | 4 |
| Seminar on Urban Arboriculture | 06/06/2016 | 10 |
| Modular Certificate Course on Identification of Common Trees in Hong Kong | 22/06/2016 - 24/06/2016 | 6 |
| Modular Certificate Course on Identification of Common Trees in Hong Kong (16-hour) | 27/06/2016 - 29/06/2016 | 9 |
| 2-day Course on ISO14001:2004 Internal EMS Auditor Training | 25/07/2016 - 26/07/2016 | 25 |
| Overseas Duty Visit International Society of Arboriculture Annual Conference and Tree Academy Workshop at Fort Worth, Texas, USA | 13/08/2016 - 17/08/2016 | 1 |
| 2-day Workshop on Identification of Common Tree in Hong Kong | 15/08/2016 - 17/08/2016 | 7 |

| Course Name | Date | No. of Participant |
|---|-------------------------|--------------------|
| Seminar on 'Trends and Changes of Afforestation in Hong Kong' & 'Insect Pests of Trees and Phytosanitary Measure' | 21/09/2016 | 6 |
| Seminar on Brown Root Rot Disease and Remote Sensing | 23/09/2016 | 2 |
| Seminar by Professor Jim Chi Yung on Tree Preservation and Tree Transplantation | 03/10/2016 | 2 |
| Seminar on 'Issue on Urban Tree Management' & 'Urban Tree and Biodiversity' | 12/10/2016 | 9 |
| Comprehensive Training on Tree Risk Assessment and Common Tree Problem 2016 | 25/10/2016 - 26/10/2016 | 12 |
| Tree Hazard Assessment Course with Integrated Assessment (LANTRA Professional Tree Inspection Qualification) | 28/11/2016 - 30/11/2016 | 4 |
| ArchSD's Academy Session: Development of Open Spaces - Some Ideas from Hong Kong and Far away | 29/11/2016 | 4 |
| Seminar on 'Overview of Tree Disorders' & 'Eco-friendly Plants for Horticulture and Their Associated Insects' | 07/12/2016 | 6 |

Green Activity

The Recreation and Sports Committee of HyD organised various green activities such as outing and hiking for staff and their family members to enjoy the environment and to promote a better work-life balance.



Green Advice

We have adopted various measures to enhance environmental awareness of staff through the provision of green advice:

- re-circulate environmentally related departmental guidelines regularly through e-mail and the intranet;
- display posters to promote economical use of resources and green housekeeping measures;
- invite staff to put forward suggestions on green management such as through the Staff Suggestions Scheme; and
- extend the green office concepts to daily life through activities such as recycling of used red packets, empty moon cakes / candy cans organised by the BMO of HMTGO.

The Industry

Environmental Training in Collaboration with Others

HyD joined hands with other stakeholders including CLP Power Hong Kong Limited, Mass Transit Railway Corporation Limited, Civil Engineering & Development Department, Environmental Protection Department, Vocational Training Council (VTC) and Hong Kong Institution of Engineers to promote good environmental practices by organising the Joint Safety, Health and Environmental (SHE) Seminar 2016 on 14 October 2016 at the VTC auditorium, Hong Kong Design Institute. The target audiences ranged from construction professionals, supervisory staff, young engineers and students of the construction industry.



Speakers and Organisers of the Joint Safety, Health and Environmental Seminar 2016

In this year, the speakers shared with the attendees various safety, health and environmental knowledge and good practices covering (i) Design for Safety 2016 – the Latest Development in Singapore, (ii) Work-related Musculoskeletal Symptoms Among Construction Workers, (iii) Design For Quiet Construction Driven by Construction Noise Permit, (iv) Safety In Planning, (v) Safety Excellence Powered by Graphics and Animation, (vi) The Use of Recycled Aggregates for Full Depth of Sub-base in Pavement Construction in Hong Kong and (vii) See the Un-seen - Introduction On The Use of Ground Penetrating Radar to Detect Underground Void Caused By Excavation and Lateral Support Works.



Recycled aggregates generated from construction and demolition wastes have been commonly re-used in concrete paving blocks in recent years. Representative from HyD shared with the audiences our experience on extending the use of recycled aggregates in sub-base of pavement construction, which would help to reduce the amount of construction wastes disposed and further extend the service life of the landfills. It could also conserve natural aggregates in our environment. The usage of recycled aggregates in full depth of sub-base can be achieved by addressing the cementation problem in recycled aggregates and minimizing uncertainty in material quality to reduce the risk of non-compliance. The Joint SHE Seminar was well received by over 600 participants.



Representative of HyD shared the experience on extending the use of recycled aggregates in sub-base of pavement construction

Environmental Promotion Campaign on Construction Site

We also worked closely with our contractors to continually improve our environmental performance on sites. In order to promote the awareness and commitments from all stakeholders, we supported our contractors by promoting and encouraging their participations in various environmental promotion campaigns and activities including the Hong Kong Awards for Environmental Excellence, Hong Kong Green Awards and Yan Oi Tong Plastic Recycling Partnering Scheme.



“Platinum award in Green Management Award – Project Management - Large Corporation”

The Hong Kong Awards for Environmental Excellence is a well-recognised campaign organised by the Environmental Campaign Committee, Environmental Protection Department and other organisations. The Awards included mainly two types of Environmental Labels, namely, Wastewise and Energywise Labels. They were issued to contractors that had effectively adopted measures to reduce the amount of waste generated and save energy within their establishments respectively. The labels also recognised the waste reduction and energy saving effort of the contractors.

Three of our contracts, namely HY/2009/15, HY/2009/18 and HY/2009/19, had achieved the highest ranked award, “Class of Excellence” in Wastewise Labels. Four of our contracts, namely HY/2010/08, HY/2013/02, 08/HY/2013 and 09/HY/2013, had achieved the “Class of Good” in Wastewise Labels. Contracts No. HY/2009/15 and HY/2009/19 had achieved the “Class of Excellence” and “Class of Good” in Energywise Labels respectively, whereas Contracts No. HY/2009/15 and HY/2009/19 each received a Hong Kong Green Organisation certificate.

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Our contracts had achieved good results in the Hong Kong Green Awards 2016 organised by the Green Council. Contract No HY/2009/19 had won the “Platinum in Green Management Award – Project Management - Large Corporation” and “Sustained Performance” for recognising their outstanding achievements. In addition, Contract No. HY/2009/19 also achieved good results in Yan Oi Tong Plastic Recycling Partnering Scheme 2015-2016”. This Contract received Excellence, Gold and Caring Awards in this campaign.

The General Public

We continued to organise a wide range of activities in 2016 to maintain close ties with the community. Through these activities, we aimed to enhance neighbourliness, publicize project details, share technical knowledge and collect opinions for continuous improvement.

Community Outreaching



Caring visit to the elderly living in Tai Po District



Introducing tree preservation to the primary school students



Simulating wastewater filtration by secondary school students



Simulating tunneling with buildings nearby by secondary school students

Public Consultation



Briefing the Tai Po District Council members and villagers of Kau Lung Hang, Yuen Leng and Tai Wo



Meeting with the Tai Hang Rural Committee



Meeting with Yuen Long District Council members and village representatives



Meeting with North Point community



Community liaison group meeting

Connection with Outside Parties



Site visit by students of South China University of Technology to Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities Reclamation Works



Site visit by Council Members and Officials from Kumamoto Prefecture in Japan to Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities Reclamation Works



Site visit by Deputy Director of the Western Development, National Development and Reform Commission



Site visit by The Hong Kong Institution of Engineers to Hong Kong Link Road



Site visit by Engineering Society of the Hong Kong University (HKU) Students' Union & HKU Engineering Alumni Association to Hong Kong Link Road



Site visit by Permanent Representative of China (PRC) to the Netherlands cum PRC to the Organization for the Prohibition of Chemical Weapons to Hong Kong Link Road



Site visit by Institute of Materials, Minerals and Mining(Hong Kong Branch)



Site visit by Canadian Society for Civil Engineering, Hong Kong Branch cum Chu Hai College

Project Newsletter

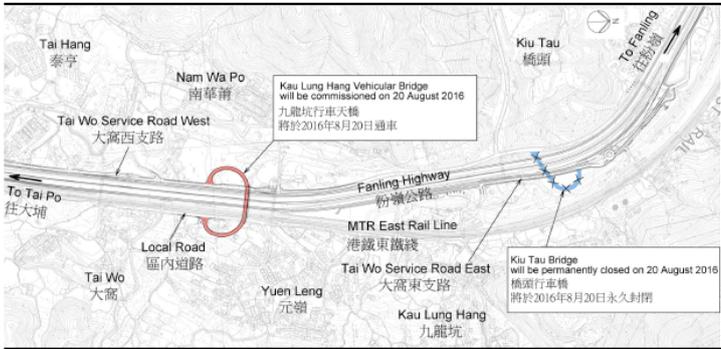


九龍坑行車天橋將於 2016 年 8 月 20 日通車及橋頭行車橋將同步永久封閉
To Commission Kau Lung Hang Vehicular Bridge and Permanently Close Kiu Tau Bridge on 20 August 2016

九龍坑行車天橋通車後，承建商仍需要於非繁忙時間間歇性在橋面實施單線雙程的臨時交通措施，以完成九龍坑行車天橋附近的行人路工程。

Kau Lung Hang Vehicular Bridge (the Bridge) being constructed under Fanling Highway Widening Contract No. HY/2012/06 crossing Fanling Highway and MTR East Rail Line connecting Tai Wo Service Road West and the local road near Tai Wo and Yuen Leng will be commissioned on 20 August 2016.

After commissioning of the Bridge, the Contractor will still need to implement temporary traffic arrangements of one lane two way traffic flow on the bridge deck during non-peak hours intermittently in order to complete the associated pedestrian walkway of the Bridge.



Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange



香港口岸旅檢大樓 - 新新的天幕施工方案
Hong Kong Boundary Crossing Facilities Passenger Clearance Building - Innovative Construction Method of the Roof

旅檢大樓是港珠澳大橋香港口岸上最大型的建築物，建築樓面面積9萬多平方米。旅檢大樓的屋頂為波浪形設計的天幕，儼如延綿起伏的海浪，配合人工島四面環海的自然景觀。

除了天幕的外型及結構設計花心思外，我們在施工方面亦採取了創新嘗試，將選用巨型預製組件方式建造天幕。

In addition to the sophisticated architectural and structural design, the construction method for the roof of the PCB is also innovative. The roof will be prefabricated in massive modules, which is common in bridge construction but rare in roof construction.

每件天幕預製組件份量十足，最大最重的天幕預製組件約長60米，闊25米，重達670多噸。運送及安裝如此大型的天幕預製組件，在香港實屬首次。

每項工程都是一項重大挑戰。針對機場的高度限制，我們採用了橫向進進的方法，以4組自動滾輪式板車及橫向的液壓千斤頂運送預製組件到樓頂位置。

預製中的天幕預製組件 Roof module under prefabrication

Hong Kong-Zhuhai-Macao Bridge and Related Hong Kong Projects



Central-Wan Chai Bypass and Island Eastern Corridor Link

Project Website



Central - Wan Chai Bypass and Island Eastern Corridor Link



Hong Kong-Zhuhai-Macao Bridge Related Hong Kong Projects

Shatin to Central Link

The Shatin to Central Link (SCL) is a 17 kilometres long railway project with two sections. The 11 kilometres long Tai Wai to Hung Hom section, which runs through Diamond Hill to Kowloon East, will link up the Ma On Shan Line and the West Rail Line at each end, forming the East West Corridor. The 6 kilometres long Hung Hom to Admiralty section will join the East Rail Line at Hung Hom forming the North South Corridor. The construction works commenced in July 2012. In view of the delay of 11 months arising from the archaeological discoveries and other factors encountered during construction, there is about a year delay in commissioning the project, i.e. the "Tai Wai to Hung Hom Section" deferred to end 2019 and the "Hung Hom to Admiralty Section" deferred to 2021. With the efforts of the construction team, the delay recovery measures implemented at the "Tai Wai to Hung Hom Section" take effects progressively. Hence, the target commissioning date of this section is advanced to about mid-2019, while that of the "Hung Hom to Admiralty Section" remains at 2021. We will continue to coordinate and oversee the construction of the Shatin to Central Link, with a view to commissioning the project in accordance with the above revised targets.

More information can be found in the MTRCL website.

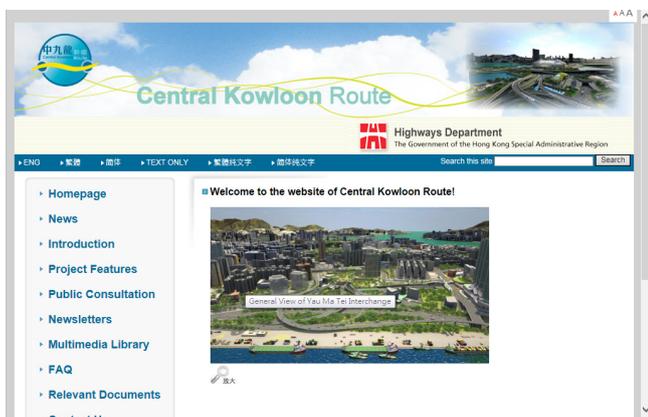
[Gazetted Documents](#)

Shatin to Central Link

Shatin-to-Central Link



Hong Kong section of Guangzhou-Shenzhen-Hong Kong Express Rail Link



Central Kowloon Route



Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange