



Technical Visit to On Tai Estate

1 August 2020 (Saturday)

9:30 am - 12:15 pm

On Tai Estate, Kowloon East

(Assembly Point: Choi Hung MTR station)

Anderson Road Quarry near East Kowloon was a major source of aggregates for construction in HK since 1950s. The Hong Kong Housing Authority turned part of this dis-used quarry into a public housing estate – On Tai Estate. Drawing from past experiences of developing urban fringes, they engaged the local community right from project inception to understand their needs and aspirations. They also procured the project via a refined Integrated Procurement Approach (IPA), which explored sustainable and innovative ideas an early stage through integration of design and construction.

With the concept of "Sustainable Community for Green and Healthy Living" in mind, the designer set out to create a vehicle-free environment with landscape gardens. Various sustainability features such as high green coverage ratio, zero irrigation system, PV system, free cooling, heat wheel energy recovery and solar light tubes were implemented.

With the complete closure of the quarry, a significant chapter of HK's quarrying history was concluded. The designer of the estate created different showcases to feature HK's geology and celebrate the local hiking culture. These included geology exhibition gallery, geo-heritage plaza with rock garden, a linking trail to the Wilson Trail and the future Quarry Park.

On Tai Estate shows a transformation of a barren quarry to a new green oasis. It reminisces the site's history, celebrates its physical transformation and projects into the future through sustainable project practices. The project has thus won a number of prestige awards such as BEAM Plus NB v1.2 – Final Platinum, CIC Sustainable Construction Award (2018) – Bronze and HKIPM Awards 2019 Sustainable Project - Winner.



Programme

9:15am – 9:30 am

Assembly at Choi Hung MTR station

(Late comers will NOT be entertained)

9:30am – 10:00am

Transportation from Choi Hung MTR to On Tai Estate

10:00am – 12:00nn

Technical Visit

12:00nn – 12:15pm

Transportation from On Tai Estate to Choi Hung MTR

Fee

\$100 (HKGBC Members)

\$150 (Non-HKGBC Members)

Registration

<https://www.hkgbc.org.hk/eng/news-events/events-trainings/events-detail?eventId=231>

CPD Hour

2 CPD hours will be uploaded to attendees' BEAM Pro/ BEAM Affiliate Individual Accounts.

Language

Cantonese

Enquiries

Mr Elliott TAM (39948890)

Remarks

You are encouraged to dress **light** and **casual** in this visit.

Participants of this event must be **aged 18 to 65** as of year 2020.

**20
seats
ONLY**

