

## Some Green Construction Examples by HKCA Members

Company	Construction Project	Environmental-Friendly Practices Adopted
Chun Wo, Henryvicy & CRCC Joint Venture (CHCJV)	KCRC Ma On Shan Rail	<ul style="list-style-type: none"> <li>• Off-site manufacture of precast floating slab track units &amp; redesign to allow off-site manufacture of precast floating slab special trackwork units</li> <li>• Change of construction method – use of works trains in lieu of road transport to minimize the amount of construction traffic on the congested highway network in Sha Tin area</li> <li>• Flash-butt welding machine fitted with acoustic enclosure and exhaust gas diluter to minimize air and noise impacts</li> <li>• Slip form paving machine to save concrete and timber wastage</li> </ul>
Gammon Construction Co., Ltd.	Demolition of two factory buildings in Taikoo Place, Quarry Bay	<ul style="list-style-type: none"> <li>• Concrete crusher with biting action was used in stead of traditional percussion tools to minimize noise and dust nuisance</li> </ul>
	Redevelopment of Charter House, Central	<ul style="list-style-type: none"> <li>• Precasting of facades and staircases, prefabrication of building services components, solid wall systems and aluminium formwork were adopted to reduce site work and waste generation</li> </ul>

### Some Green Construction Examples by HKCA Members (cont'd)

Company	Construction Project	Environmental-Friendly Practices Adopted
Hip Hing Construction Co., Ltd.	Proposed Residential Development at TMTL 443, Fu Tei, Tuen Mun	<ul style="list-style-type: none"> <li>• Fully automatic wheel washing plant and enclosed refuse chute to reduce dust emission</li> <li>• On site waste water treatment plant</li> <li>• Waste reduction by using metal scaffolding, metal formwork, precast construction and proper house keeping</li> <li>• Chemical and chemical waste storage area</li> <li>• Recycling of construction waste</li> </ul>
Paul Y-ITC General Contractors Ltd.	Lei Yue Mun Estate Phase 2 Housing Authority Project at Yau Tong, Kowloon	<ul style="list-style-type: none"> <li>• Reuse the remaining cube / slump test concrete with approx. 0.3m cube per each truck load to reduce concrete wastage</li> <li>• Employ precast concrete techniques on end wall and permanent refuse chute construction</li> </ul>