

EPD awards WENT Landfill Extension Contract

The Environmental Protection Department (EPD) today (August 25) announced that Hong Kong Resources Recovery Park (joint venture) has won the contract to design, build and operate the West New Territories (WENT) Landfill Extension through a tendering process. The extension part of the WENT Landfill is expected to commence operation in 2026.

"Under the vision of 'Waste Reduction–Resources Circulation–Zero Landfill', the Hong Kong Special Administrative Region Government is promoting waste reduction and recycling and, in the meantime, building an advanced and efficient network of modern waste-to-energy (WtE) facilities at full steam. Our goal is to move away from the reliance on landfills for direct disposal of municipal solid waste by around 2035 while transforming such waste into useful energy resources, which can help Hong Kong develop into a sustainable green city and achieve the target of carbon neutrality. During the transition period before the completion of developing sufficient modern WtE incinerators, Hong Kong will still need landfills to cope with the ultimate waste disposal needs of the territory in the short to medium term, and for the disposal of waste that is non-combustible and cannot be recycled," an EPD spokesman said.

Regarding the stakeholders' comments, the EPD has taken positive feedback by not only enhancing the design of the WENT Landfill Extension but also substantially reducing its extension area by half, from the original design of about 200 hectares to about 100 hectares. Moreover, by adopting the revised "deep bowl" design, a 30-metre high (equivalent to the height of a 10-storey building) landscaped earth bund will first be constructed along the current Nim Wan Road, followed by excavation and landfilling work to be carried out at the back of the bund. This can effectively control and contain the potential nuisance of odour, dust, wastewater and noise from the landfill. Green buffer zones of 10m to 30m wide will also be provided along the site boundary to enhance the visual appearance and environmental quality. On the other hand, the considerate amount of high quality rocks generated from the extension works can be made available for uses in local reclamation works and construction industry.

Led by Alchmex International Construction Limited, Hong Kong Resources Recovery Park (joint venture) is also formed with China State Construction Engineering (Hong Kong) Limited and Veolia Hong Kong Holdings Limited. Both Alchmex International Construction Limited and China State Construction Engineering (Hong Kong) Limited are wholly-owned subsidiaries of China State Construction International Holdings Limited.