



Institution of Civil Engineers



Civil Engineering and
Development Department

ICE Awards 2021: winners announced

Recognising civil engineers and projects that have helped to improve the profession and contributed to the sustainability of infrastructure.

Brunel Medal

The Brunel award, which recognises excellence in the de-carbonisation of infrastructure, was awarded to the Government of Hong Kong and the Cross Bay Link in Hong Kong. The 1.8 km strategic road has a dual two-lane carriageway, a cycle track and a footway that connect to the major new town of Tseung Kwan O.

The project reduced the carbon footprint in the delivery by 20,000 tonnes of CO₂, about 40% compared to conventional steel construction, by using **S690QL high strength steel**, extensive pre-fabrication and innovative erection technology.

The project is administrated by the **Civil Engineering and Development Department** of the Government of Hong Kong SAR. The Designer is **AECOM** and the Main Contractor is **CRBC** while **CNERC** is engaged by **CRBC** to work on effective use of **S690QL high strength steel** and their welding quality.



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