

Visit of Development Bureau, Civil Engineering and Development Department and Buildings Department of The Government of Hong Kong SAR

2021.03.12

Under the coordination of Ir John Kwong, Head of Project Strategy and Governance Office (PSGO), Development Bureau, Ir Ricky Lau, Director of Civil Engineering and Development Department (CEDD), and Mr. T. C. Yu, Director of Buildings Department (BD) visited CNERC in the afternoon of Friday 12 March 2021. The delegation team consisted of:

- Ir Ricky Chun Kit LAU, Director of CEDD
- Mr. Tak Cheung YU, Director of BD
- Ir John Ka Shing KWONG, Head of PSGO
- Ir Frankie Yiu Man FUNG, Chief Assistant Secretary of PSGO
- Ir Victor Wai-Tong CHAN, Assistant Secretary of PSGO
- Ir Tommy Fu Keung CHEUNG, Assistant Secretary of PSGO
- Ir Hon Shing KAN, Government Engineer / East of CEDD
- Ir Chi Keung LAM, Project Team Leader of CEDD
- Ir Humphrey Hon Kit HO, Assistant Director of BD
- Ir Alvin Ho Cheong LAI, Chief Structural Engineer of BD



The delegation team visited the Structural Engineering Research Laboratory, Laboratory Y001, of the PolyU, and inspected the research and testing capabilities of the CNERC for large scale structural tests. The delegation team was also introduced on a number of research and development projects on high strength S690 and S960 steels.



From left: Ir Ricky Lau, Prof. K. F. Chung, Ir T.C. Yu, and Ir John Kwong

Prof. K. F. Chung reported the latest research activities and achievements of the CNERC, in particular:

- Effective use of high strength S690 steels in construction, and their welding technology
- Application of high strength S690 steels in construction projects:
 - i. Steel Bridge “Eternity Arch” of Cross Bay Link, Tseung Kwan O, East Kowloon, and
 - ii. The Fourth Macau-Taipa Bridge, Macau SAR.

It was considered that the above application experience could provide useful reference, and adoption of high strength S690 steels in the following types of structures could be looked into:

- road bridges, and long span foot bridges;
- noise barriers, and
- piles.

