

Construction Industry Council

Committee on Productivity and Research

Meeting No. 003/15 of the Committee on Productivity and Research (Com-PNR) was held on 14 December 2015 (Monday) at 9:30 am in Meeting Room 1, Construction Industry Council Headquarters, 15/F, Allied Kajima Building, 138 Gloucester Road, Wanchai, Hong Kong

Summary Notes of the Committee on Productivity and Research Meeting No. 003/15.

Agenda Item	Paper	Major Resolutions/ Progress Highlights
3.1	CIC/PNR/R/002/15	<u>Confirmation of the Progress Report of the Previous Meeting</u> Members confirmed the Progress Report of the Com-PNR Meeting 002/15.
3.2	-	<u>Construction Hong-Kong Automation Robotics Laboratory Implementation Strategy (CHARLIS)</u> Professor Thomas Bock from the Technische Universität München delivered a presentation on his 5-year strategy on construction robotics research to be developed in phases in Hong Kong. He advised that the industry should aim for a much higher productivity where an innovation leap as well as enhancement in relevant rules and regulations would have to be in place. The increase in efficiency and environmental friendliness of on-site construction supported by modular designs and prefabrication would be significant despite the high investment in the short term.
3.3	-	<u>An Empirical Study of Construction Time Performance of High-Rise Private Building Projects in Hong Kong</u> Dr. Daniel Chan from the Hong Kong Polytechnic University, the Principal Investigator, presented the progress and findings of the research project funded by the CIC Research Fund. The project aims to provide indicators on construction time and project scheduling for the industry. It was scheduled to be completed by end of February 2016.

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3.4	-	<u>The Scheme Design Buildability Assessment Mechanism (SDBAM)</u> Dr. Patrick Lam from the Hong Kong Polytechnic University and his research team had developed the SDBAM. Dr. Lam introduced and demonstrated to Members the software which could reflect actual buildability level, and identify buildable and non-buildable features of local building projects. Members showed interest in further promoting this software to the industry but noted that licensing issues with the university shall be addressed.
3.5	-	<u>Any Other Business</u> There was no other business.
3.6	-	<u>Tentative Date of Next Meeting 001/16</u> The next meeting is tentatively scheduled in March 2016. The Secretariat will inform Members once the meeting date is confirmed.

Remarks: The mentioned papers discussed at the Committee on Productivity and Research and the full progress report can be made available to Council Members from the CIC Secretariat upon request.