

Construction Industry Council

Committee on Productivity and Research

Meeting No. 001/16 of the Committee on Productivity and Research (Com-PNR) was held on 15 March 2015 (Tuesday) at 2:00 pm in Meeting Room, ZCB, 8 Sheung Yuet Road, Kowloon Bay, Hong Kong.

Summary Notes of the Committee on Productivity and Research Meeting No. 001/16.

Agenda Item	Paper	Major Resolutions/ Progress Highlights
1.1	CIC/PNR/R/003/15	<u>Confirmation of the Progress Report of the Previous Meeting</u> Members confirmed the Progress Report of the Com-PNR Meeting 003/15.
1.2	-	<u>A Comprehensive Productivity Appraisal of the Hong Kong Construction Industry</u> Dr. Wei PAN from the University of Hong Kong, the Principal Investigator of the research project, presented Members the progress and preliminary results. This project aimed to improve the productivity performance and competitiveness of the Hong Kong construction industry by conducting a comprehensive investigation on the practices, procedures and standards adopted in the industry. The inception report and preliminary plan were submitted in January 2016 while the interim report had been drafting in good progress. A preliminary literature review was well underway to develop the Total Factor Productivity (TFP) Model in addition to collecting the necessary figures from the government.
1.3	CIC/PNR/P/001/16	<u>Work Plan and Budget for 2016 & 2017 cum Implementation Plan of Report on ‘Building for a Better Future – Vision 2030’</u> Members took note of the on-going consultancy projects and confirmed the re-tendering of “Integrating Constructability in Project Planning and Design”. 1) Recommendation 14 - Establish a single repository of research demand and supply to systematically propose and implement the research agenda for Hong Kong

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		<p>This recommendation should be jointly implemented by different committees under the CIC. The respective research fields such as demolition, high rise buildings and maintenance works related to construction productivity should be addressed by the Com-PNR.</p> <p>2) Recommendation 17 - Establish an agreed metric for measuring the industry’s productivity, and quality of work, over time and against international peers A Consultant has been engaged to address this recommendation.</p> <p>3) Recommendation 18 - Validate industry interest and examine implementation routes for establishing project-level benchmarking database Members agreed with the necessity of conducting questionnaire survey on this recommendation to probe the response of the industry beforehand. Workshops will be organised with invited industry experts from the US and UK sharing benefits of the project-level benchmarking database.</p> <p>4) Recommendation 19 - Empower and motivate design professionals to proactively incorporate buildability considerations in design Members agreed that the designers should place more emphasis on the maintenance and repair period during the design stage. Guidelines and good practices should be provided by the government for the industry stakeholders to take reference. The Chairman also sought Members’ views to assess the assignment brief for the research project of “Integrating Constructability in Project Planning and Design” before the tendering process.</p> <p>5) Recommendation 26 - Set up an industry award specifically for design buildability and safety Members agreed that this recommendation should be pended for future exploration.</p>

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		The year plan for 2016 and 2017 and budget for 2016 are attached in Annex A and Annex B for Council Members' approval.
1.4	CIC/PNR/P/002/16	<p><u>Potential of Adopting Construction Automation and Robotic in Hong Kong</u></p> <p>Members agreed that this study was forward looking but close communication with the industry's stakeholders was necessary to ensure the outcomes would be practical and suited to Hong Kong's situation. Upon completion of this study, further in-depth studies and practical strategies might be developed in collaboration with specialists from the Mainland China. Members endorsed the implementation of this study and opined that concrete and specific solutions that were ready for implementation in Hong Kong should be developed.</p>
1.5	-	<p><u>Any Other Business</u></p> <p>Members agreed to invite the Hong Kong Construction Association, Hong Kong Federation of Electrical and Mechanical Contractors, Buildings Department and Architectural Services Department, to nominate one representative to be a Co-opted Member in Com-PNR respectively. Members opined that there should also be a Co-opted Member representing the interests of the professional engineering consultancy firms. The list of proposed Co-opted Members is shown on Annex C.</p>
1.6	-	<p><u>Tentative Date of Next Meeting 001/16</u></p> <p>The next meeting was scheduled in June 2016. The Secretariat will inform Members once the meeting date is confirmed.</p>

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.