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MODERN METHODS ELEVATE MALAYSIA'S CONSTRUCTION PRODUCTIVITY

22 September 2023, Petaling Jaya - The Construction Productivity & Built Environment Nexus (COBEPN) under Malaysia Productivity Corporation (MPC) applauds the proposal to prioritise green building construction practices in an attempt to address sustainability issues mentioned in the Twelfth Malaysia Plan (RMK12) Mid-Term Review (MTR). It is expected that the construction sector in Malaysia will see an average annual growth rate of 6.7%, with the focus being mainly on the civil engineering and residential building subsectors.

The expedited implementation of public infrastructure projects and the development of affordable housing in strategic locations under various initiatives will accelerate growth in both of these subsectors. To support this, a graduated implementation of Modern Methods of Construction (MMC) based on a definitive roadmap should be introduced throughout the construction & built environment phases, said Datuk Seri Dr. Michael Yam, COBEPN Nexus Champion.

MMC should be implemented starting from the vision & design phase and continue all the way through the end-of-life phase of construction, which includes pre-construction, during construction, and post-construction, he added.

One of COBEPN initiatives is Productivity Step-Up programme that aims to promote and encourage the contractors to adopt MMC. The programme is conducted together with technology providers that will assist construction firms in adopting technology. Additionally, the program encourages the participants to recognise and evaluate any challenges encountered during construction activities and explore technological solutions to those challenges.

Zahid Ismail, MPC Deputy Director General said that productivity in the construction sector is not just a goal but it's a necessity for sustainable growth. Embracing MMC throughout the entire construction lifecycle is not only a forward-thinking approach but also a crucial step toward achieving higher productivity in the industry.

In addition, the MTR puts an emphasis on green building practices to address sustainability issues. This is in line with COBEPN's vision of ensuring more

environmentally friendly and sustainable construction in Malaysia. The implementation of MMC such as Industrialised Building Systems (IBS), Building Information Modelling (BIM), Artificial Intelligence (AI), Robotics, and other technologies plays an important role in the journey towards achieving a net-zero carbon footprint.

These technologies provide innovative solutions and opportunities for reducing emissions while enhancing sustainability. They will also help in reducing labour and speeding up construction with better quality outcomes which would indirectly lead to more efficient delivery of affordable housing.

End.

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About Malaysia Productivity Corporation (MPC)

MPC is a statutory body under the Ministry of Investment, Trade and Industry (MITI). It drives national productivity holistically at the national, sectoral, and enterprise levels through five main thrusts: developing future talent, driving digitization and innovation, ensuring industry accountability for productivity, building a robust ecosystem, and fostering productive mindset. It collaborates strategically with the private and public sectors by emphasising productivity as a key agenda to boost productivity growth and national competitiveness, ultimately leading to shared well-being and prosperity.