

MEDIA RELEASE

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CIDB LAUNCHES IBS HOMES CATALOGUE AND IBS HOMES SHOWHOUSES TO REVOLUTIONISE IBS ADOPTION

Towards delivering sustainable affordable housing solutions for the nation

KUALA LUMPUR, 8 AUGUST 2023 – The Construction Industry Development Board (CIDB) today launched the IBS Homes Catalogue and IBS Homes showhouses which is expected to revolutionize IBS adoption in the affordable housing landscape in Malaysia.

The IBS Homes Catalogue features 46 standard designs of houses from single to double-storey terrace houses, townhouses, standalone bungalows and apartments, which can be constructed using various types of IBS systems. Designers, clients, developers and also contractors can choose from the various designs which meet the standard guidelines and requirements of affordable housing set forth by the Ministry of Local Government Development (KPKT) in line with the CIS 26:2019: National Housing Standard. All the designs, which are integrated with Building Information Modelling (BIM) and IBS score estimation, can be accessed through the CIDB SMART Portal at <http://smart.cidb.gov.my>. The estimated construction cost for each design can also be accessed through consultation with CIDB IBS Sdn Bhd.

CIDB has also physically built five showhouses as a proof-of-concept from the designs included in the IBS Homes Catalogue. These five new sample houses, constructed based IBS systems, including the Interlocking Hollow Block System, Pre-cast concrete system, Metal framing system, Hollow Core Pre-cast concrete system, and 3D Printing, demonstrate the versatility and adaptability of these technologies. Through

the show houses, clients and developers can see how the IBS design looks physically and how it can be integrated with elements of sustainable design like incorporating natural ventilation and lighting.

The IBS Homes showhouses are located at the IBS Homes, CIDB Complex, Chan Sow Lin, Cheras. These sample houses can be visited by pre-booking a slot with CIDB IBS Sdn Bhd.

“The IBS Homes Catalog stands as a milestone achievement to pursuit on providing affordable housing solutions for citizens. This momentous occasion celebrates the culmination of the efforts in driving digital commercialization through IBS,” said Dato Sri Alexander Nanta Linggi, Minister of Works who launched the initiative today.

The IBS Homes Catalogue and IBS Homes showhouses were launched in conjunction with the opening ceremony of the BINA 2023 Conference at the CIDB Convention Centre here.

Statistics show the steady growth of the Industrialized Building System (IBS) in Malaysia, thanks to initiatives like the Construction Industry Transformation Programme (CITP) 2016-2020, the Construction 4.0 Strategic Plan 2021-2025 and the the National Construction Policy (NCP) 2030.

These programs promote technology adoption and elevate construction standards, leading to increased IBS implementation in both government and private projects. In 2021, IBS implementation in government projects reached 84%, compared to 79.5% in 2020. Private projects also saw a significant increase, with IBS implementation rising to 60% in 2021, compared to 41% in 2020.

Looking ahead, the National Construction Policy 2030 sets ambitious targets, aiming for a 10.3% growth in the construction sector and higher adoption of technology. Specifically, the policy envisions achieving 100% utilization of IBS with a score of 70. As part of this commitment, the government is actively reviewing initiatives to increase

the IBS score, aiming to maximize its use and boost productivity by reducing dependency on manual labor at project sites.

There are currently 118 IBS suppliers, covering all types of IBS systems in Malaysia. This diverse pool of suppliers ensures that the construction industry has access to a wide range of innovative IBS solutions, enabling the successful integration of technology into projects across the country.

In addition to leveraging external suppliers, prominent construction companies have taken the initiative to develop their own IBS technology and manufacturing facilities. Companies such as IJM Corporation Bhd, Gamuda, SP Setia, Malaysian Resources Corporation Bhd, Sunway Bhd, LBS Bina Group Bhd, and Country Garden Pacificview Sdn Bhd have made significant investments in sustainable IBS technologies to meet the growing demand for innovative solutions in their projects.

“The launch of IBS Homes and IBS Homes Catalogue marks a turning point in the construction industry. It showcases our relentless pursuit of excellence and our unyielding commitment to building a sustainable and technologically advanced nation. Our dedication to streamlining processes and embracing cutting-edge solutions has resulted in a revolution that reverberates far beyond the confines of these walls,” said Datuk Ir. Ahmad ‘Asri Abdul Hamid in his welcoming speech.

This year BINA 2023 is significant as it witnessed the exchange of a Memorandum of Collaboration (MoC) between CIDB IBS Sdn. Bhd. and CIBC Technology Sdn. Bhd. in developing an IBS products module together with IBS Ware and e-Build marketplace platform. This module will serve as a collaborative space for buyers and seller within the construction community, fostering enhanced efficiency, seamless connectivity and growth opportunities for all stakeholders.

For more information, please visit: <http://smart.cidb.gov.my>

About CIDB Malaysia

The Construction Industry Development Board was established under the Construction Industry Development Act (Act 520) to develop the Capacity and Capability of the Construction Industry through Enhancement of Quality and Productivity by Placing Great Emphasis on Professionalism, Innovation and Knowledge in the Endeavour to Improve the Quality of Life.
