

Technical Visit to Melaka Gateway

URBAN ENGINEERING DEVELOPMENT SPECIAL INTEREST GROUP

reported by



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The Urban Engineering Development Special Interest Group (UEDSIG), IEM, organised a technical visit to Melaka Gateway on 30 June, 2018, in cooperation with master developer KAJ Development Sdn. Bhd. (KAJD). It was attended by 25 participants.

The Melaka Gateway Development Project was first initiated in 2013 as a mixed development project by KAJD to establish connectivity and trade opportunities along the Straits of Malacca route which is also the world's busiest trading route.

The project, started in 2015, is targeted for completion in 2025, with an estimated gross development value of RM42 billion and will add 2.5 million tourists and 45,000 jobs.

Totalling 1,366 acres, it comprises 3 reclaimed islands and 1 natural island (Pulau Panjang), located between Kuala Lumpur and Singapore, as well as within Melaka City's commercial centre.

Upon arrival at KAJD offices, located on Pulau Melaka, adjacent to the site, we were welcomed by En. Izahar Hamidon (Head of Strategic Investment), Ir. Stanley Kow (General Manager Project Management) and Mr. Yong Kiang Keen (Chief Operating Officer). Our hosts led us to a large model display located at the main entrance lobby. Mr. Yong then briefly described the Melaka Gateway project by highlighting the 4 islands (Table 1) involved.

He and his team then engaged in a Question & Answer session with the participants. We briefly discussed the mandatory requirements for a Detailed Environmental Impact

ISLAND	ZONE	DEVELOPMENT
1.	Tourism, Entertainment, Commercial & Property Development (extension of Pulau Melaka)	Melaka International Cruise Terminal and Ferry Terminal, Private Gateway Marina, Ferris Wheel, Shopping Mall, Entertainment Precincts and a world class Theme Park, Cultural Heritage Village, Walkaway Boulevard, fashion and retail brands, Health and Wellness lifestyle, Education Centre, Gateway Beacon 288m Tower.
2.	Free Trade Economic Zone	Banks, Financial Institutions, trading, Offshore Financial Hub, International Integrated Logistics services provider, Specialised business services, support and shared services, High-Technology Park, Halal Park, International zone for foreign nationals/entities.
3.	Melaka Gateway Port (Pulau Pinang - natural island & Deep-sea Port)	With Storage facilities and Liquid Cargo Terminal, benefiting oil trading in Southeast Asia, Asian countries, Europe and the Middle East, Capable of receiving the largest of deep-sea going vessels.
4.	Maritime Industrial Park	Marine Engineering & Manufacturing, Container Terminal and Port Logistics, Bulk and Break Bulk Terminal, Ship Building and Repair & Docks.

Table 1: Island Development



Group Photo at Site Location



Melaka Gateway Illustration



Revetment Rock Stockpile



Island 1: Ground Improvement



Island 1: Vertical Drain Installation

Assessment (DEIA) for coastal reclamation works of 50 hectares or more as required by the Department of Environment (DOE).

Typically, tidal data is required to predict the safe finished construction levels of various facilities in order to prevent flooding during storm surges.

Following the discussions, the hosts gave a video "fly-thru simulation" presentation of the project showing future planned

development of the project as per the 4 islands.

After the presentation, we boarded a coach for the Gateway site where a KAJD safety officer greeted us and ensured that we had put on personal protection equipment (safety shoes, hard hat and vest) before allowing us into the site area. We then surveyed the site on foot, with our hosts explaining the work progress along the way.

We noted that construction was still at an early stage, with reclamation works, geotechnical ground improvement works and stockpiling of revetment rocks still in progress. We also observed heavy machinery in operation within the site areas.

During the walk-about, our hosts (KAJD) and the participants were fully engaged in a question-and-answer session. It was a successful and beneficial visit for the participants. ■