

# MALAYSIA GREEN BUILDING COUNCIL

## GREEN BUILDING TOUR

### SERIES: PARAMIT, FACTORY IN FOREST

3<sup>rd</sup> December 2022 (Saturday)

9.00am – 12.00pm

Venue: Paramit Malaysia Sdn. Bhd.,  
Lorong Perindustrian Bukit Minyak 21, 14100  
Simpang Ampat, Pulau Pinang.

Google Map Location:

<https://goo.gl/maps/6jZLepGo95uAKrbcA>

1. Participants who drive to Paramit directly may park own car inside Paramit provided vehicle registration has been done via google form. However, we strongly encourage car pool to be arranged separately between participants to reduce carbon emission to environment.

2. Participant to arrive and gather at Paramit lobby **before 8.45am**



Entrance to Paramit



Architect: Design Unit Architects Sdn. Bhd.

Photo by Lin Ho Photography



Register via online registration form on this link:

<https://forms.gle/4jt1gakgQc1Ft4am7>

Closing date for registration: 25<sup>th</sup> November 2022

Scan QR Code for Registration:

malaysiaGBC Member	GBIF / Affiliated member	Student (Undergraduate)	Non-member / Public
FOC	RM20.00	RM10.00	RM30.00

1. Limited to 20 pax participants only! First come first serve.

2. No show fees of RM100.00 is imposed.

3. Participants shall prepare own transport to Paramit.

#### ITINERARY

8.45am Arrival of Participants & Registration

9.00am Welcoming Speech

9.10am Presentation by Mr. Michel (Paramit)

9.30am Green Building Tour

11.30am Q&A

12.00pm Photograph Session & End

For enquiries, please visit:

malaysiaGBC Facebook or

email: [mgbc.northern.chapter@gmail.com](mailto:mgbc.northern.chapter@gmail.com)

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# About Paramit

**The Paramit Factory in Penang is a new factory for Paramit Malaysia, who provides fully-integrated engineering, manufacturing and post-manufacturing services to medical device and instrument companies. The project consists of an 11,261.5m<sup>2</sup> of factory and warehouse space, and a 1,684.5m<sup>2</sup> office block located at the Penang Science Park in Batu Kawan, Penang. The theme of the project is “Factory in the Forest”.**

**The Paramit Factory in the Forest is a multi-award winning and highly energy efficient factory located in the Penang Science Park, Malaysia. The factory has achieved a measured 45% savings compared to the old factory.**

**The cardinal sustainable design principles were energy efficiency, water efficiency, daylighting and biophilia – the fundamental human need for a connection to Nature. The site is conceived as a forest that penetrates, surrounds and steps over the building creating maximum contact with nature - green, breeze, scent, sound, and touch.**

**The building was carefully designed to shield against the hot, glary and unwanted tropical sun, while allowing soft, diffuse natural daylight to filter into the building.**

## **Innovative Sustainability Features**

### **Biophilia design**

**Design of highly efficient radiant chilled slab system**

**Lighting design and a lighting control system depending on daylight and occupancy.**

**Computer optimization of the integrated design concept for architectural and M&E systems.**

**Design of saw-tooth passive daylighting system**

**Design of the energy management system for monitoring and optimization.**

**Design of a rain water harvesting system.**

**Thermal insulation system in the facade, floor and the roof.**

## **Certifications & Awards**

**LEAF Award 2017, Winner**

**FutreArc Green Leadership Award 2018, Winner**

**Malaysia National**

**Energy Awards 2019, Runner Up**

**ASEAN Energy Awards 2019, 1st Runner Up**

**WorldGBC Asia Pacific Leadership in Green Building Awards 2020, Winner**

**Sources: <https://www.ien.com.my/projects/paramit--factory-in-the-forest>**