

Company Profile

GLOBAL INSIGNIA SDN BHD *(972591-W)*



Business, Administrative & Contact Information

Business name: Global Insignia Sdn Bhd

Business type: Private Company

Company registration number: 972591-W

Tax reference number: 001626152960

Authorised Capital: RM100,000.00

Paid-up Capital: RM50,000.00

VAT Number: NIL

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Physical address: Level 4, Wisma R&D, Jalan Pantai Baharu, 59990
Kuala Lumpur.

Company History

Global Insignia Sdn Bhd (GISB) began its entrepreneurial quest since 22nd December 2012 when Professor Ir. Dr. Nasrudin Abd Rahim licensed his research output, the grid-connected PV inverter, in the attempt to expand the product market for local consumption. The initiative began when Professor Ir. Dr. Nasrudin, under his capacity as the Founder and current Director of UM Power Energy Dedicated Advanced Centre (UMPEDAC), joined the Technopreneur Programme under the University of Malaya Centre for Innovation & Commercialization (UMCIC). As UMPEDAC's first start-up company, GISB aims to increase the research center's commercial products values. Starting 2013, the Company has been actively involved in services pertaining solar PV plants, specifically in inverter commissioning; power quality measurements; and consultancy services for the Power System Industry.

What We Do

In line with the company's tagline "**Your Global Solutions**", GISB aims to be the leading local company that supplies and offers green technology products and services to local research institutions and industries.

Strategy

Vision

Providing Today Solution for Tomorrow Betterment

Mission statement

Researching innovations and providing global solutions that benefit the nation and improving quality of life

Core Values

Passion, Struggle, Determination and Loyalty

Goals

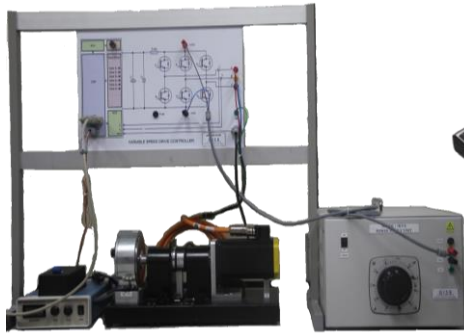
- ✚ Manufacture of green energy research and monitoring equipment, training kits;
- ✚ Conduct R&D in power energy and its various branch applications;
- ✚ Provide consulting and advisory services to the power energy industry; and
- ✚ Conduct and manage all types of professional training and short courses.

Business Concept

In today's era of rapid global development in green technology, more people are seeking reliable and efficient technology. GISB will meet the demand by providing the company's professional expertise in renewable energy technology and solar PV testing services, especially in quality related aspects.

Products

- ✚ Permanent Variable Speed Drive System
- ✚ PV Solar Tracker
- ✚ Data Logger
- ✚ Micro Inverter with Online Monitoring System
- ✚ Photovoltaic-Thermal (PVT)
- ✚ Photovoltaic Tracer Single/Multiplexer System
- ✚ i-kiosk Kiosk
- ✚ Stand-alone Micro Inverter System
- ✚ A Scalable and Standalone Solar Oxyhydrogen Incinerator



Permanent Variable Speed Drive System



PV Solar Tracker



Stand-alone Micro Inverter System



Solar Kiosk



Multiplexer PV-IV Tracer System

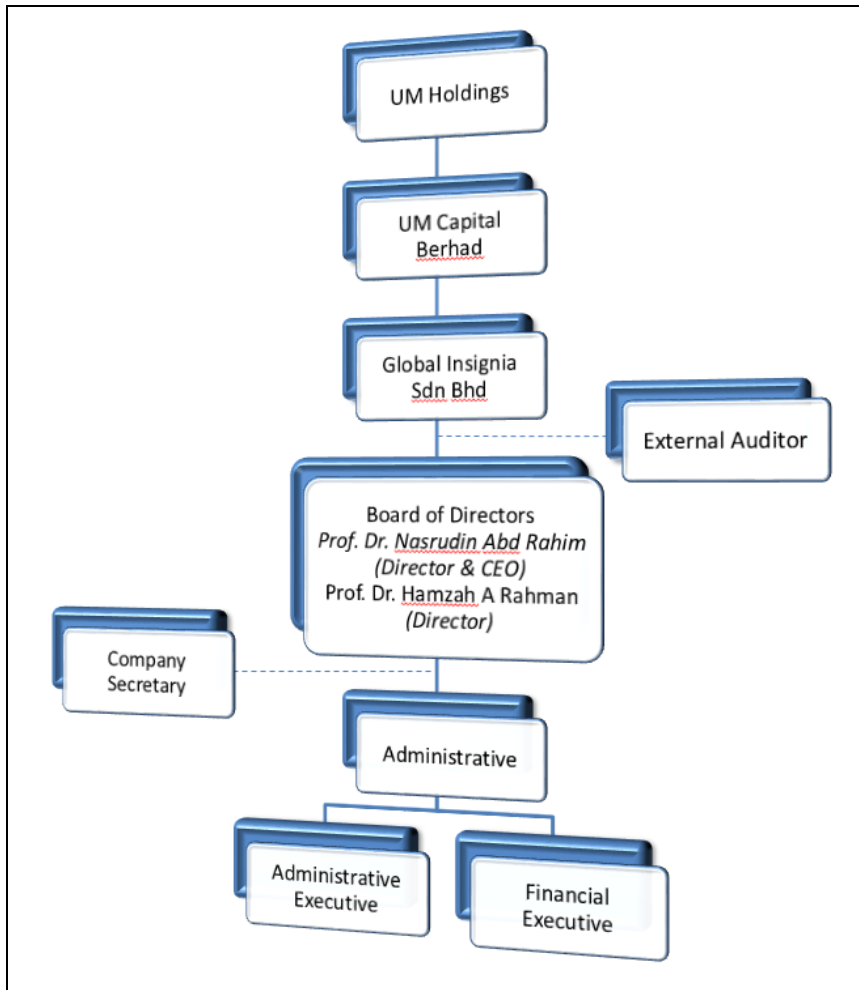
Services

- ✚ Professional Testing Services in Inverter Site Test as Competent Party recognized by Sustainable Energy Development Authority (SEDA) Malaysia
- ✚ Professional Training and Courses
- ✚ Consultancies



Management & Ownership

Management Structure



Ownership Structure

UM Capital Berhad (UM) and the Company shareholding proportion is 90% (Company) and 10% (UMCB).

Completed projects

(A) Professional Testing Services

Sustainable Energy Development Authority (SEDA) Malaysia, the authority in sustainable energy, officially recognized UMPEDAC's expertise and facilities, and has given the commission to Global Insignia Sdn Bhd in performing professional testing services to the industry and relevant bodies for inverter site test and power quality test. Since 2013, around twenty-five (25) tests have been conducted, including inverter testing and power quality covered solar farm and biomass applications. List of customers as shown.

List of Customers for Professional Testing Services

- 1) PV HIGH TECH SOLAR SDN BHD
- 2) VITAL STARLIBRA SDN BHD
- 3) FALCON CONQUEST SDN BHD
- 4) SUPERSPAN SDN BHD
- 5) MATTAN CONSULTANCY SDN BHD
- 6) SUNSEAP ENERGY (MALAYSIA) SDN BHD
- 7) MALAYSIAN SOLAR RESOURCES SDN BHD
- 8) OUTREACH GREEN SDN BHD / HBH GLOBAL ENERGY SDN BHD
- 9) MAQO TECHNOLOGIES SDN BHD
- 10) AH BEE ELECTRIC COMPANY SDN BHD
- 11) TAMURA ELECTRONICS
- 12) FABULOUS SUNVIEW SDN BHD
- 13) E.S.S ENGINEERING SDN BHD
- 14) SUNWIDE RESOURCES SDN BHD
- 15) SURIA INFINITI SDN BHD
- 16) SAMAIDEN SDN BHD
- 17) ANDELI MALAYSIA SDN BHD
- 18) MAXGREEN ENERGY SDN BHD
- 19) BSL ECO ENERGY SDN BHD



(B) Sales of Research Products

Several research products developed by UMPEDAC have been promoted by GISB in finding potential buyers and increasing demands for the products. GISB received orders from local as well as overseas clients, for both research and industrial use. Our customer includes King Abdul Aziz University, Jeddah; Siswa Setia Sdn Bhd, Genius Wisdom Sdn Bhd, Universiti Malaysia Pahang, Kyoto University, Japan, Faculty of Built Environment, University of Malaya, and EXT Technologies Sdn Bhd.

(C) Training and Courses

Some of the training and courses conducted by GISB are:

- (i) Training in the Field of Engineering for University of Anbar, Baghdad, Iraq on 10-21st November 2012.
- (ii) Supervision and Research Methodology for University of Tikrit, Iraq from 28th January until 2nd February 2013.
- (iii) Renewable Energy – AC or DC Transmission and Distribution Systems from Power Electronics on 16 March 2016.
- (iv) Ashikaga Institute of Technology (AIT), Japan – UM Power Energy Dedicated Advanced Centre (UMPEDAC), the University of Malaya Mini-Conference on Renewable Energy Technology, 22nd November 2017.

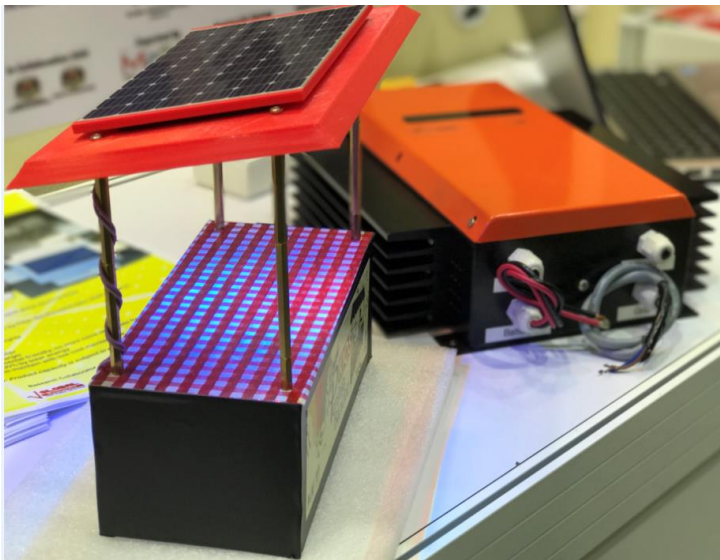
(D) Consultancies

GISB also provide consultancies to the local power energy industry. List of the completed services are:

- (i) Technical Consultant in Energy Audit Project at Idaman Pharma Manufacturing Sdn Bhd. in Seri Iskandar and Sungai Petani.
- (ii) Design and prototype development of amplifier for portable data acquisition system for Nextsense Sdn Bhd.
- (iii) Consultation on field oriented control (FOC) for PMSM control chip for Mimos Semiconductor Sdn Bhd.
- (iv) Energy Use for Transportation Sector: Demand Side Management (DSM) Preliminary Study for Economic Planning Unit (EPU)

- (v) Baseline study and data collection on energy, environment and socio-economics on Langkawi, Malaysia for KeTTHA and UNIDO.
- (vi) Energy Usage and Efficiency in transportation;
- (vii) Transient Network Analysis Test Using Real-Time Digital Simulator for PESTECH SDN BHD
- (viii) Solar PV System Design for Portable Floodlight;
- (ix) The Transportation Sector on Mega Science Framework Study for Sustained National Development;
- (x) Real-Time Testing of Relays for PESTECH SDN BHD
- (xi) Consultation on Stage 1 Power System Study in 2019
- (xii) RAPID Integrated Electromagnetic Transient Studies and Transformer Energization Study for Universiti Teknologi Petronas
- (xiii) Consultation on Development of Electric Vehicle Roadmap for Malaysian Green Technology Corporation
- (xiv) Consultation on Development of Training Needs, Capacity Building and Standards to Support Electric Vehicle Value for Malaysian Green Technology Corporation

Corporate Social Responsibility Project



Installation of one (1) unit Solar Fountain Garden System as a gift at Sek. Men. Keb. Wangsa Melawati, Kuala Lumpur as the Overall Winner of Nurturing Renewable Energy Education among Malaysian Youth Programme on 23rd March 2016.

Achievement

Solar Kiosk product was selected to take part in the Exhibition of Malaysian Commercialization Year (MCY) 2017, Global Entrepreneurship Community Summit for the 12th & 13th December 2017 in Kuala Lumpur Convention Centre (KLCC), Kuala Lumpur.



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