



MAPPING MALAYSIA'S RESOURCE CENTRES

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Jointly Published By:



Published by:

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ISBN 978-983-3196-52-4

Printed in Malaysia

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ABBREVIATIONS

3R: Reduce, Reuse, Recycle	Entomology	HSSEQ: Health, Safety, Security, Environment and Quality
AARDO: African-Asian Rural Development Organisation	DMM: Diploma in Medical Microbiology	HTDF: Halal Technology Development Fund
ACE: ASEAN Centre for Energy	DOAA: Department of Agriculture and Agrifood	IADC: International Association of Drilling Contractors
ACEM: Association of Consulting Engineers Malaysia	DOE: Department of Environment	IAQ: Indoor Air Quality
AD: Anaerobic Digester	DSM: Department of Standards Malaysia	IASSA: International Association for Safety and Survival Training
ADEX: Advertising Expenditure	DVS: Department of Veterinary Services	IBS: Industrialised Building System
AEBF: Asian EXIM Bank Forum	EAM: Export Acceleration Missions	ICQC: International Convention on Quality Control Circles
AEC: ASEAN Economic Community	EASA: European Union Aviation Safety Agency	ICW: International Construction Week
AEMAS: ASEAN Energy Management Accreditation Scheme	ECER: East Coast Economic Region	IDRC: Infectious Disease Research Centre
AI: Artificial Intelligence	ECERDC: East Coast Economic Region Development Council	IEM: Institution of Engineers Malaysia
AICTA: ASEAN ICT Awards	EEPC: Engineering Export Promotion Council	IFDI: Islamic Finance Development Indicator
AIRC: Allergy and Immunology Research Centre	EHRC: Environmental Health Research Centre	IFRC: International Federation of Red Cross and Red Crescent Societies
AJWELP: ASEAN-Japan Women Entrepreneurs' Linkage Program	EIC: International Energy Innovation Challenge	IGEM: International Greentech and Eco Products Exhibition and Conference Malaysia
AOBA: ASEAN Outstanding Business Award	EMGS: Education Malaysia Global Services	IHAB: International Halal Authority Board
APAC: Asia Pacific Accreditation Cooperation Incorporated	EMGS: Energy Management Gold Standard	IHL: Institute of Higher Learning
APICTA: Asia Pacific ICT Awards	ESCO: Energy Service Company	IKBN: Institut Kemahiran Belia Negara
APIIT: Asia Pacific Institute of Information Technology	ESG: Environmental, Social and Governance	IKM: Malaysian Institute of Chemistry
APQO: Asia Pacific Quality Organisation	ESQR: European Society for Quality Research	ILB: Industry Lead Body
APU: Asia Pacific University of Technology & Innovation	EY: Ernst & Young	ILI: In-Line Inspection
ASD: Aerospace & Defence Industries Association	FAMA: Federal Agricultural Marketing Authority	IMR: Institute for Medical Research
ASEAN: Association of Southeast Asian Nations	FFTC: Food and Fertiliser Technology Center	IMS: Integrated Management System
ASPA: Asia Science Park Association	FIRDI: Food Industry Research and Development Institute	IMT-GT: Indonesia-Malaysia-Thailand Growth Triangle
ASPAC: Asian and Pacific Region	FPSO: Floating Production Storage & Offloading Vessel	INCEIF: International Centre for Education in Islamic Finance
ASTI: Agricultural Science and Technology Indicators	FRI: Fisheries Research Institute of Malaysia	INSP: International Sourcing Programme
AUTM: Association of University Technology Managers	FTAs: Free Trade Agreements	INSPEN: Institut Penilaian Negara
AVRDC: World Vegetable Center	GAIN: MDEC Global Acceleration and Innovation Network	IOCs: International Oil Companies
AWGHF: ASEAN Working Group on Halal Food	GBI: Green Building Index	IOI: Institut Otomotif Indonesia
BCPCL: Bangladesh China Power Company Pvt. Ltd.	GDP: Gross Domestic Product	IoT: Internet of Things
BDA: Big Data Analytics	GEF: Global Environment Facility	IRRI: International Rice Research Institute
BEF: Bumiputra Expansion Fund	GGP: Government Green Procurement	ISDB: Islamic Development Bank
BIEH: Bintulu Integrated Energy Service Hub	GHaS: Global Halal Summit	ISF: Insurance Solution Framework
BIM: Building Information Modelling	GIFA: Global Islamic Finance	ISM: International Safety Management
BOD: Burden of Disease	GIFAS: Groupement des industries françaises aéronautiques et spatiales / French Aerospace Industry Association	ISO: International Organisation for Standardisation
BSF: Business Start-up Fund	GIST: Global Innovation through Science and Technology	ISPHM: Inisiatif Segera Pensijilan Halal Malaysia
BSN: Bank Simpanan Nasional	GITA: Green Investment Tax Allowance	ISRA: International Shari'ah Research Academy for Islamic Finance
CABI: Centre for Agriculture and Bioscience International	GITE: Green Income Tax Exemption	ITC: International Trade Centre
CaRC: Cancer Research Centre	GIZ: Deutsche Gesellschaft für Internationale Zusammenarbeit / German Corporation for International Cooperation	ITEX: International Invention, Innovation & Technology Exhibition
CATC: Cambodia Civil Aviation Training Center	GLP: Good Laboratory Practice	ITF: International Travel Fair
CBMTI: Centre for Biomedical Technology Integration	GMP: Good Manufacturing Practice	ITPGRFA: International Treaty on Plant Genetic Resources for Food and Agriculture
CCA: Central Coordinating Agency	GPAS: Green Port Awards Systems	ITS: Intelligent Transportation Systems
CEDAR SME BANK: The Centre for Entrepreneur Development and Research Sdn. Bhd.	GPS: Global Positioning System	JAIF: Japan-ASEAN Integration Fund
CEM: Certified Energy Manager	GTFPS: Green Technology Financing Scheme	JAKIM: Department of Islamic Development Malaysia
CePSTPO: Certified Environmental Professional in Sewerage Treatment Plant Operation	GTMP: Green Technology Master Plan	JATI: Jalanan Antara Universiti dan Industri
CFD: Computational Fluid Dynamics	HAAFS: Hebei Academy of Agriculture and Forestry Sciences	JICA: The Japan International Cooperation Agency
CGC: Credit Guarantee Corporation	HACCP: Hazard Analysis and Critical Control Points	KCSB: Khairi Consult Sdn. Bhd.
CIDB: Construction Industry Development Board	HALFEST: Halal Festival JAKIM	KEGAS: Key Economic Growth Activities
CIGIF: Cyber International Genius Inventor Fair	HBt: Halal Business Transformation	KISTEP: Korea Institute of S&T Evaluation and Planning
CITP: Construction Industry Transformation Programme	HDC: Halal Development Corporation Berhad	KLIA: Kuala Lumpur International Airport
Co9P: Centre of 9 Pillars	HIMP: Halal Industry Masterplan	KNB: Kontena Nasional Berhad
COC: Chambers of Commerce	HIRA: Halal International Research Academy	KNGL: Kontena Nasional Global Logistics Sdn. Bhd.
COVID-19: Coronavirus Disease 2019	HiTEC: Halal Innovation & Technology Centre	KOTRA: Korea Trade-Investment Promotion Agency
CSAM: Centre for Sustainable Agricultural Mechanisation	HMRC: Herbal Medicine Research Centre	KPCIP: Khyber Pakhtunkhwa Cities Improvement Project
CSI: Crime Scene Investigation	HSPP: Halal Sourcing Partnership Programme	
DAP&E: Diploma in Applied Parasitology and	HSSE: Health, Safety, Security & Environment	

KPKT: Ministry of Housing and Local Government
LIMA: Langkawi International Maritime Aerospace Exhibition
LPKPM: Lembaga Pelindung dan Kebajikan Pengguna Malaysia/Bureau of Consumer Affairs
LPPOM MUI: Lembaga Pengkajian Pangan Obat-obatan dan Kosmetika Majelis Ulama Indonesia
LPT: Land Public Transport
LRT: Light Rail Transit
MAB: Malaysia Airlines Berhad
MAEPS: Malaysia Agro Exposition Park Serdang
MAFTA: Malaysia-Australia Free Trade Agreement
MAHA: Malaysia Agriculture, Horticulture and Agrotourism
MAIA: Malaysia Aerospace Industry Association
MARDI: Malaysian Agricultural Research and Development Institute
MASSA: Malaysia South-South Association
MATRADE: Malaysia External Trade Development Corporation
MCIEA: Malaysian Construction Industry Excellence Awards
MCKIP: Malaysia-China Kuantan Industrial Park
MCs: Member Countries
MDB: Multilateral Development Bank
MEBA: Malaysia Excellence Business Award
MED: Ministry of Entrepreneur Development Malaysia
MESTECC: Ministry of Energy, Science, Technology, Environment & Climate Change
MeSTI: Skim Pensijilan Makanan Selamat Tanggungjawab Industri
MFL: Magnetic Flux Leakage
MGS: Malaysia R&D Grant Scheme
MHTC: Malaysia Healthcare Travel Council
MHX: Malaysia Healthcare Exhibitions
MIDA: Malaysian Investment Development Authority
MIGHT: Malaysian Industry-Government Group for High Technology
MIHA: Malaysia International Halal Academy
MITI: Ministry of International Trade and Industry
MMRC: Mapping Malaysia's Resource Centres
MPC: Malaysia Productivity Corporation
MOF: Ministry Of Finance
MOGSC: Malaysia Oil & Gas Services Council
MOH: Ministry of Health
MOHE: Ministry of Higher Education
MoU: Memorandum of Understanding
MPIH: Majlis Pembangunan Industri Halal
MPOB: Malaysian Palm Oil Board
MQA: Malaysian Qualifications Agency
MRCB: Malaysian Resources Corporation Berhad
MRF: Material Recovery Facility
MRO: Maintenance, Repair and Operations
MRT: Ministers Responsible for Trade
MRT: Mass Rapid Transit
MRV: Measuring, Reporting and Verification
MS: Malaysian Standards
MSC: Multimedia Super Corridor
MSOSH: Malaysian Society for Occupational Safety and Health
MSPO: Malaysian Sustainable Palm Oil Certification
MTCP: Malaysian Technical Cooperation Programme
MTDC: Malaysian Technology Development Corporation
MTEP: Malaysia Tech Entrepreneur Programme
MTMA: Medical Travel Media Awards

MTO: Malaysian Transport Operator
MTO: Multimodal Transport Operator
MTPB: Malaysia Tourism Promotion Board
myGAP: Malaysian Good Agricultural Practice
MyHT2020: Malaysia Year of Healthcare Travel 2020
NAICO: National Aerospace Industry Coordinating Office
NARIC: National Agricultural Research and Innovation Centre
NCD: Non-Communicable Disease
NCER: Northern Corridor Economic Region
NCMRC: Nutrition, Metabolic and Cardiovascular Research Centre
NEA: National Energy Awards
NESDC: National Entrepreneur and SME Development Council
NETC: National Emission Test Centre
NGTP: National Green Technology Policy
NMPH: National Mail and Parcel Hub
NPRA: National Pharmaceutical Regulatory Agency
NSCP: National Standards Compliance Programme
NTBs: Non-Tariff Barriers
O&G: Oil and Gas
OECD: Organisation for Economic Co-operation and Development
OEM: Original Equipment Manufacturer
OHSAS: Occupational Health and Safety Assessment Series
OIC: Organisation of Islamic Cooperation
ONMCM: Onshore Maintenance, Construction & Modification Services
OPITO: Global industry standard in oil and gas safety, skills, and competence
OSV: Offshore Support Vessel
OTT: Over-The-Top
PAKAR: Pasar Komuniti & Karavan (Community and Caravan Markets)
PATA: Pacific Asia Travel Association
PCAARRD: Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development
PECIPTA: Institutions of Higher Learning
PeIP: Pengerang Eco-Industrial Park
PERKESO: Pertubuhan Keselamatan Sosial / Social Security Organisation
PhilRice: Philippine Rice Research Institute
PIC/S: Pharmaceutical Inspection Convention and Pharmaceutical Inspection Co-operation Scheme
PICC: Pengerang International Commercial Centre
PKA: Port Klang Authority
PMAM: Malaysian Association of Accredited Laboratories
PSC: Production Sharing Contracts
QA: Quality Assurance
QC: Quality Control
QSEL: Quality, Safety, Environment and Laboratory Informatics
R&D: Research and Development
RAPID: Refinery and Petrochemical Integrated Development
RCs: Resource Centres
REEM: Registered Electrical and Energy Manager
RELA: People's Volunteer Corps
RL: Reverse Linkage Programme
RoKL: IsDB Regional Office Kuala Lumpur
RRi: Rubber Research Institute of Malaysia
RSIJ: Alianze RS Islam Jakarta

SAC: Swiss Aviation Consulting
SAHTTC: Suijing-Asean Halal Trade and Technology Centre
SAIP: Sabah Agro-Industrial Precinct
SCORE: Sarawak Corridor of Renewable Energy
SCORE: SME Competitiveness Rating for Enhancement
SDC: Specialist Diagnostic Centre
SDGs: Sustainability Development Goals
SDN. BHD: Sendirian Berhad (Private Limited Company)
SEAMEO BIOTROP: Southeast Asian Regional Centre for Tropical Biology
SECC: Sustainable Environment and Climate Change
SIRIM: Standard and Industrial Research Institute of Malaysia
SJAC: Society of Japanese Aerospace Companies
SKU: Stock Keeping Unit
SLCARP: Sri Lanka Council for Agricultural Research Policy
SME: Small and Medium-sized Enterprises
SMICC: Standards & Metrology Institute for the Islamic Countries
SMTC: Sribima Maritime Training Centre Sdn. Bhd.
SPV2030: Shared Prosperity Vision 2030
SRI: Sustainable & Responsible Investment
SSC: South-South Cooperation
STAR: Supplier Tracking Assessment Rating
STCW: Standards of Training, Certification and Watchkeeping for Seafarers
SVI: Small Volume Injectable
SWCORP: Solid Waste and Public Cleansing Management Corporation
SWE: Sigma Water Engineering
TCMA: Tan Chong Motor Assemblies Sdn. Bhd.
TCMH: Tan Chong Motor Holdings Berhad
TCTP: Third Country Training Programme
TDCs: Technology Development Centers
TENTRA: Technopreneur Training Academy
TEUs: Twenty-Foot Equivalent Unit
TGA: Therapeutic Goods Administration Australia
TPO: Trade Promotion Organisation
TSA: Technical Service Agreement
TSCs: Technical Sub-Committees
UCTI: Asia Pacific University College of Technology & Innovation
UiTM: Universiti Teknologi MARA
UKM: Universiti Kebangsaan Malaysia
UMS: Universiti Malaysia Sabah
UN: United Nations
UNDP: United Nations Development Programme
UNIDO: United Nations Industrial Development Organisation
UNWTO: United Nations World Tourism Organisation
USA: United States of America
USM: Universiti Sains Malaysia
UTM: Universiti Teknologi Malaysia
VBI: Value-based Intermediation
VBIAF: VBI Financing and Investment Impact Assessment Framework
WCES: World Chinese Economic Summit
WHC: World Halal Conference
WHO: World Health Organisation
WPRIM: Western Pacific Region Index Medicus
WQS: White Quest Synergy Sdn. Bhd
WTP: Water Treatment Plant

FOREWORD ISLAMIC DEVELOPMENT BANK (IsDB)



The Malaysian economy is highly robust and diversified, which has enabled unprecedented economic progress and the ability to withstand the volatility of an uncertain global economy.

The Islamic Development Bank (IsDB) Group extends its gratitude to the Government of Malaysia, as well as to the Malaysian public and private stakeholders, for their commitment and willingness to share their knowledge and expertise with other IsDB Member Countries.

The Malaysian economy is highly robust and diversified, which has enabled unprecedented economic progress and the ability to withstand the volatility of an uncertain global economy.

This is due to the various outstanding initiatives implemented by the Government of Malaysia to institute economic and social reforms, ably supported by private sector.

Based on its demonstrated successes, the IsDB Group believes that Malaysia has a wealth of knowledge and expertise that can help other Member Countries achieve their development goals, while also tangibly benefitting from such engagements through the Reverse Linkages modality.

The Bank will, therefore, spare no effort to link other Member Countries with Malaysia in the interest of greater knowledge exchange, cooperation, trade and development towards the achievement of the SDGs.

Dr. Bandar M.H. Hajjar
*President of Islamic Development
Bank Group*

FOREWORD

MINISTRY OF FINANCE MALAYSIA (MOF)



The relationship between Malaysia and the Islamic Development Bank (IsDB) has been established since March 1975 and since then both parties have enjoyed a mutually beneficial partnership, wherein Malaysia leverages through IsDB's network, to promote the skills and expertise of the country for the benefit of other members of IsDB. This cooperation is further strengthened through the establishment of the IsDB Regional Office in Kuala Lumpur in 1994 and the MoU between the Government of Malaysia and the IsDB Concerning Cooperation on Islamic Finance, Reverse Linkage, Resource Mobilisation and Halal Industry, which was signed in 2016 for a term of three years.

Under the Reverse Linkage pillar, several projects and initiatives were implemented between 2016 and 2019. The Reverse Linkage Programme has enabled Malaysia to showcase as well as export the nation's technologies and technical expertise to other IsDB Member Countries, as well as establish trade and promote economic development among IsDB Member Countries.

MATRADE – Malaysia's focal point for the Reverse Linkage Programme between Malaysia and the IsDB – has facilitated and monitored the progress towards ensuring the success of the Programme. The publishing of the Mapping Malaysia's Resource Centres (MMRC) Directory is intended to showcase the efficacy of the

Reverse Linkage Programme through Malaysian stakeholders and augmenting IsDB's role in catalysing collaborations and building ties in a more efficient and systematic manner.

Malaysia has a diversified wealth of knowledge, expertise and experience to share with our IsDB Member Countries. It is my hope that the IsDB Member Countries will benefit from this publication and that the joint efforts of MATRADE and IsDB under this Reverse Linkage Programme will be fruitful.

**Tengku Dato' Sri Zafrul
Tengku Abdul Aziz**
Minister of Finance Malaysia

FOREWORD

MALAYSIA EXTERNAL TRADE DEVELOPMENT CORPORATION (MATRADE)



In September 2014, a project was initiated under the Reverse Linkage (RL) initiative between Brunei Darussalam and Malaysia. The objective was to introduce new rice varieties, improve soil fertility management and developing agronomic practices for sustainable rice production in Brunei. In this instance, the Malaysian Agricultural Research & Development Institute (MARDI) assisted our neighbouring country in developing expertise and know-how towards improving local production capacity.

On a comparable bearing, a similar engagement took place between Indonesia and Kyrgyz Republic to improve livestock productivity through genetic development of local breeds, strengthen human capacities and offer technical support.

There are many more projects of this calibre that have been spearheaded by Islamic Development Bank (IsDB) under its RL programme, which is essentially

a South-South Cooperation where 57 member countries themselves become primary and forefront agents in the sharing of expertise, knowledge and technology.

It's a timely development as every member country is subject to its very own geological and socioeconomic dispositions; making the notion of nations lending a hand to one another an aptly devised prospect.

It was in view of this immense potential that in November 2016, a Memorandum of Understanding was signed by Ministry of Finance Malaysia with IsDB. This in turn led to MATRADE being appointed as focal point for the RL initiative; driving local resource mobilisation and mutual co-operation among public and private sectors.

In account of this, MATRADE has undertaken the publication of Mapping Malaysia's Resource Centres (MMRC) Directory as a reference document of Malaysian expertise in various sectors to be

disseminated to IsDB member countries. MATRADE is proud to collaborate with IsDB and Ministry of Finance Malaysia to publish this important directory.

From Aerospace and Agriculture; to Education and Training, stakeholders from various IsDB communities will now have an abundance of resources drawn from Malaysian expertise at their disposal.

Indeed, the MMRC Directory is a step in the right direction by nations determined on enhancing solidarity and forging partnerships bound for common goals through synergy.

As such, I hope this directory will be used to its full potential in making lives better and realising our aspirations as individuals, communities and nations.

Dato' Wan Latiff Wan Musa
*CEO, Malaysia External Trade
Development Corporation (MATRADE)*

ABOUT

ISLAMIC DEVELOPMENT BANK (IsDB)

The Islamic Development Bank (IsDB) is a Multilateral Development Bank (MDB), established in accordance with Articles of Agreement done at the city of Jeddah, Kingdom of Saudi Arabia in 1394H (1974). In accordance with the principles of Shari'ah (Islamic Law), IsDB's main objective is to deliver impact at scale by fostering economic development and social progress among member countries and Muslim communities in non-member countries.

In 1975, Malaysia became a member of IsDB and currently holds a 1.63% voting stake in Constituency C2, alongside constituency members Indonesia, Brunei Darussalam, Suriname and Guyana. Today, IsDB is made up of 57 Member Countries (MCs) whom - as a membership prerequisite - are all members of the Organisation of Islamic Cooperation (OIC). MCs pay the first instalment of its minimum subscription to the Capital Stock of the IsDB and must accept any terms and conditions that may be decided upon by the Board of Governors.

The IsDB head office is located in Jeddah, Kingdom of Saudi Arabia and it also has regional offices in Kuala Lumpur, Malaysia; Rabat, Morocco; Almaty, Kazakhstan; and Dakar, Senegal. The IsDB Regional Office Kuala Lumpur (RoKL) commenced its activities in 1995 to focus on servicing the MCs and Muslim communities within Southeast Asia, closely pursuing the IsDB strategy to develop projects under its jurisdiction.





MINISTRY OF FINANCE (MOF)

The Ministry of Finance (MOF) is one of the Central Agencies within the Government of Malaysia. MOF is the leading strategic authority enabling financial and economic outcomes to ensure sustainable growth and prosperity for the people and the nation. Over the course of Malaysia's development and economic progress, MOF has restructured to achieve further efficiency in carrying out its role as

strategic advisor to matters involving the financial functions of Malaysia.

MOF has appointed MATRADE as the focal point for Reverse Linkage projects involving Malaysia. Alongside IsDB and MOF, MATRADE will coordinate the participation of both the public and private sectors under the Reverse Linkage Programme.



MALAYSIA EXTERNAL TRADE DEVELOPMENT CORPORATION (MATRADE)

Malaysia External Trade Development Corporation (MATRADE) was established in 1993 as a statutory agency under the Ministry of International Trade and Industry (MITI) to position Malaysia as a globally competitive trading nation.

MATRADE's mission to promote Malaysian exports has enabled many local companies to carve new frontiers in global markets. The agency continues to put the spotlight on capable Malaysian companies on the global stage – ensuring the phrase “Made-In-Malaysia” is synonymous with excellence, reliability and trustworthiness.

As part of its efforts to increase the country's exports, MATRADE formulates and implements export marketing strategies and trade promotion activities. It also undertakes market research and creates a comprehensive database of information for the development and improvement of Malaysia's trade.

Furthermore, the agency organises training programmes to enhance the international marketing skills of Malaysian exporters. MATRADE promotes and assists in services related to trade while protecting Malaysia's international trade interests abroad.

MATRADE's Objectives:

1. Raise profile of Malaysian exporters in foreign markets.
2. Disseminate timely information and market intelligence to assist Malaysian companies.
3. Introduce Malaysian companies to foreign importers seeking suppliers.
4. Undertake activities to promote the export of Malaysian goods and services in overseas markets.

In its role to develop and promote Malaysian exports worldwide, MATRADE carries out the following functions:

5. Develop and grow international markets for Malaysia's merchandise and services trade.
6. Build export sustainability and readiness of Malaysian companies through export capability development and training initiatives.
7. Formulate and implement a national export marketing plan and strategies to grow exports of merchandise, goods and services.
8. Provide research and commercial intelligence to improve competitiveness and strengthen the export capability of Malaysian businesses.
9. Ensure the performance, sustainability and returns of trade promotion programmes and export support facilities.
10. Provide advice to the Government of Malaysia on trade matters and acts as an agent of the government on such matters.

Equipped with diverse resource of talent, a strong network and support from Malaysia's trade policy, MATRADE has been recognised as one of the most active Trade Promotion Organisation (TPO) in the world. In addition to this, MATRADE was awarded the Islamic Solidarity prize by the Islamic Development Bank (IsDB) for its efforts in promoting trade among the Organisation of Islamic Cooperation (OIC) member nations.

In realising its vision of positioning Malaysia as a globally competitive trading nation, MATRADE has placed over 40 trade offices worldwide to assist international buyers with the sourcing of Malaysian products and services. Within Malaysia, MATRADE also has five domestic offices in the state of Johor, Penang, Sabah, Sarawak and Terengganu. MATRADE welcomes all enquiries through all its channels.

Some of the services provided by MATRADE include:

1. Business Information Centre;
2. Publications (ie. Exporters Directory, trade magazines, guide books and many others);
3. Market Information;
4. Organising Overseas Trade Missions, Export Acceleration Missions (EAM), International Trade Fairs, Promotion Booths, Malaysian Product Exhibitions and In-Store Promotions;
5. Exhibition Centres (Domestic and International);
6. Business Matching;
7. International Sourcing Programme (INSP);
8. Incoming Trade Delegations;
9. Seminars and Workshops; and
10. eCommerce to Accelerate Exports (eTRADE).



THE REVERSE LINKAGE (RL) PROGRAMME

The Reverse Linkage (RL) Programme is a technical cooperation mechanism enabled by IsDB, facilitating the exchange of knowledge, expertise, technology and resources between Member Countries (MCs) and Muslim communities in non-Member Countries. The programme is mainly used for capacity development and devising solutions for autonomous development.

It addresses the capacity needs or development challenges faced by Member Countries (MCs) by matching those in need with other MCs who present themselves as primary and forefront agents in the provision of expertise, knowledge and technology in various economic sectors. Each solution is customised to address specific development constraints and the context of each country. In every RL intervention, there are at least three stakeholders involved: the recipient country, provider country and IsDB as the facilitator.

A recipient country is the beneficiary of the intervention, with an institution that will receive the support and absorb the knowledge. This institution could be from the public sector, private sector or third sector.

The provider country has a Resource Centre (RC) that is equipped with proven expertise and knowledge, and must be prepared to share and shape it according to the local context. Similarly, the RC could be from the public, private or third sector. There can also be more than one provider in an RL intervention.

Once a project has been formulated by both the recipient and provider countries, all parties - including the government of the providing country and IsDB - must reach a mutual agreement on the funding of the project before it commences.



All 57 IsDB MCs are considered as potential providers or recipients in an intervention, and other development partners can also be involved. The programme facilitates a mutually beneficial arrangement between the countries and adopts a result-orientated, programmatic approach whilst introducing diligent monitoring and evaluation tools.

MATRADE has been appointed by the Ministry of Finance (MOF) as a focal point for Reverse Linkage projects involving Malaysian stakeholders. In this role, MATRADE will coordinate the participation of all public and private sectors under the Reverse Linkage programme alongside IsDB and MOF. It will also undertake the production of Mapping Malaysia's Resource Centres (MMRC), a comprehensive directory listing the Resource Centres (RCs) and their expertise across various sectors.

OVERVIEW ON THE REVERSE LINKAGE MECHANISM

CORE FEATURES

1

STRATEGIC ALIGNMENT



Reverse Linkage interventions must be in line with recipient country's national development priorities.

2

INCLUSIVITY



The mechanism considers that all member countries, and Muslim communities in non-member countries, have proven knowledge, expertise, technology or resources to offer, regardless of their level of development.

3

WIN-WIN ARRANGEMENTS



All stakeholders have something to gain through the transfer of knowledge, expertise, technology and resources.

4

OWNERSHIP AND COMMITMENT



Reverse Linkage requires all sides of the exchange to commit technical, in-kind, and/or financial resources to a project.

5

PEER-TO-PEER APPROACH



The contribution of all stakeholders is encouraged and given equal importance.

METHODOLOGY

FOR MAPPING MALAYSIA'S RESOURCE CENTRES (MMRC)

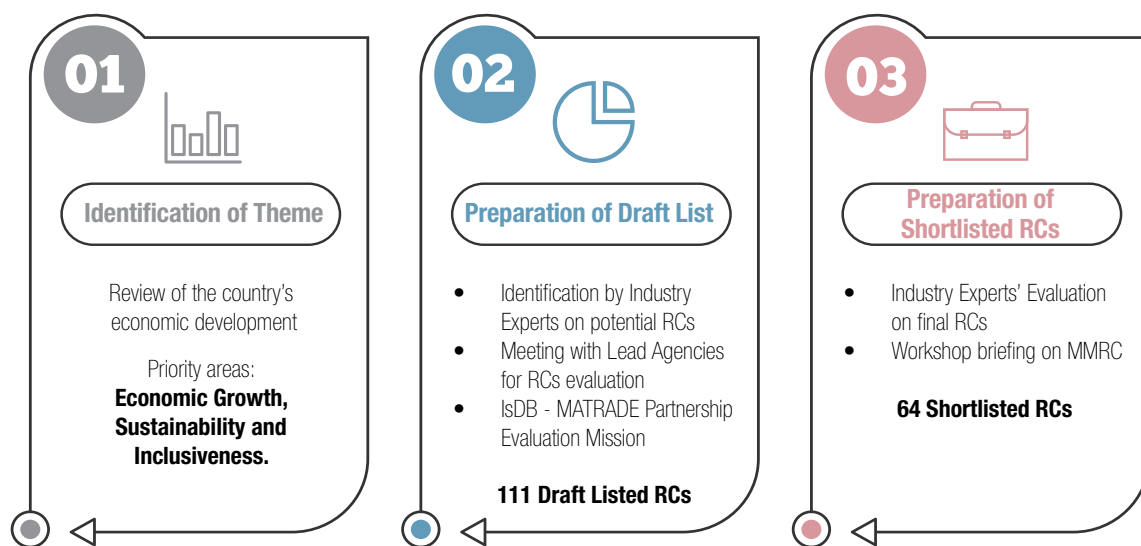
Mapping Malaysia's Resource Centres (MMRC) is a directory showcasing Malaysia's strengths and capabilities that are available to fellow IsDB Member Countries (MCs) under the Reverse Linkage (RL) Programme. MMRC will be distributed to IsDB MCs and international agencies, serving as a reference for Malaysian expertise, knowledge and technology across various economic sectors.

The RL programme requires a pool of Resource Centres (RCs) to provide

capacity development solutions to MCs. RCs can be in the form of an institution, agency, company, a department in a larger institution or a shared facility. In addition to that, large organisations with multiple qualified institutions/agencies/companies can also qualify as an RC. A record of high-performance coupled with strong work ethics and a willingness to acquire and strengthen knowledge are the cornerstone of an RC. These organisations have some measure of autonomy in the management of their programme budgets and are able to provide effective support

and service to both local and international beneficiaries.

In July 2019, the IsDB Partnership Mission and MMRC Workshop were both held to create awareness on the RL programme among potential Malaysian RCs. The IsDB Partnership Mission included visits and meetings conducted in Kuala Lumpur, Kota Kinabalu and Bintulu. Following that, MATRADE with IsDB organised the MMRC Workshop which saw the participation of 46 agencies and companies from various sectors.

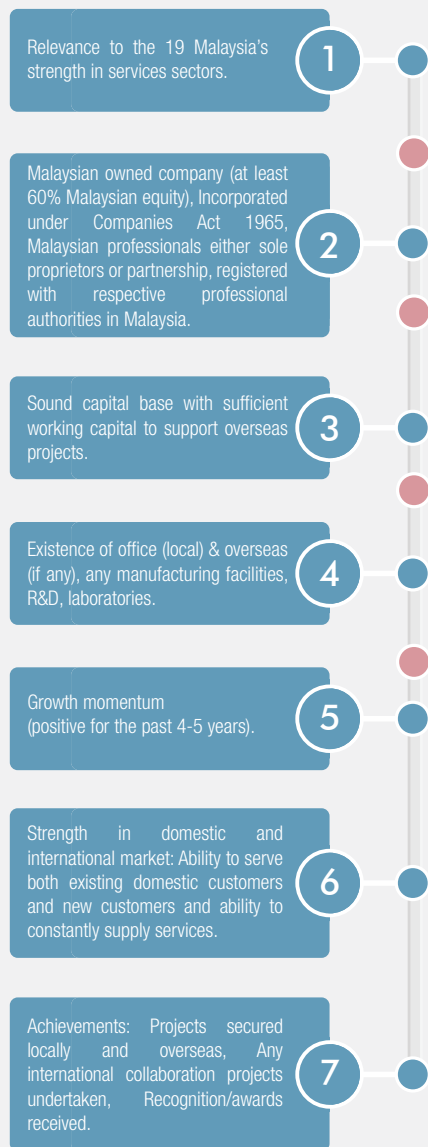


Sectors:

- | | | |
|---|---|--|
| <ol style="list-style-type: none"> 1. Aerospace & MRO 2. Agriculture and R&D 3. Automotive and Transportation 4. Construction and related services 5. Education and Training 6. Green Technology and Environmental 7. Halal-related services | <ol style="list-style-type: none"> 8. Healthcare and Pharmaceutical 9. Information and Communication Technology (ICT) 10. Investment for Industrial Development 11. Islamic Finance and Advisory 12. Media and Entertainment 13. Oil and Gas-related services | <ol style="list-style-type: none"> 14. Port, Logistics and Courier 15. SME Development 16. Standard, Certification and Accreditation 17. Technology and Innovation 18. Tourism 19. Trade |
|---|---|--|

RESOURCE CENTRE SELECTION CRITERIA

Draft List:



Shortlist:



111
DRAFT LISTED
RESOURCE CENTRES

64
SHORTLISTED
RESOURCE CENTRES

19
SECTORS

46
AGENCIES PARTICIPATED
IN MMRC WORKSHOP

The RC must have experience in international cooperation.
For the Shortlist, the detailed criteria are as follows:

- Establishment
 - Expertise
 - Number of staff
 - Technical staff
 - Total Budget
 - Budget for programme
 - Fund Sources
 - Independent Funding
 - Funding from Private Sector
 - National Achievements
- National Awards
 - International Awards
 - Staff for International Cooperation
 - Budget for International Cooperation
 - International Achievements
 - Countries in Cooperation
 - International Agreements
 - Contribution in International Cooperation Project
 - Focus on shared prosperity



OVERVIEW OF MALAYSIA

Since the days of the Malacca Sultanate, Malaysia has played a pivotal role to global trade and foreign culture. This was largely propelled by its strategic location which instrumented a vital sea-lane between traders from the east and west. A well-structured administration, conciliatory foreign relations and accommodating facilities further played the impetus of growth and recognition as a conducive and favourable trade centre.

Malaysia has continued this open stance for trade and investment by mapping strategic and proactive plans and maintaining active engagement with foreign stakeholders while working in the many ways it can improve trade relations and continuous collaborations.

Besides being among the top exporters of commodity products, Malaysia has matured into an industrialised country exporting Electrical & Electronic products, Chemicals, Furniture and more. The government of Malaysia has been dedicated in steering its economy through various initiatives towards embracing innovation, technology as well as environment conscious development. This move punctuated its transition from an agricultural and mining to a more multi-sector economy.



To that point, it has also risen in significance making Malaysia the world's largest Islamic banking and financial centre.

As clearly reflected in the national budget, the government of Malaysia is intent in driving growth in digital content, e-commerce, fintech platforms and 5G Technology through various allocations and upskilling programmes.

With a developed and sturdy infrastructure, Malaysia is equipped with international airports, over 500 industrial parks, a railway system and comprehensive road network. Commuter rail and rapid transport facilities offer affordable and convenient transportation within cities with feeder buses which provide comprehensive connectivity between residential, financial and trade districts. Its two seaports, located at Klang and Tanjung Pelepas are recognised as one of the top 20 busiest ports in the world.

As the melting pot of various Asian cultures and heritage, Malaysia boasts of being truly Asian in essence. With a population that's generally conversant in the national language, Bahasa Malaysia, and English, it offers a welcoming common ground to foreign visitors by way of getting around and dealing with the locals. With a vast array of accommodation choices from tranquil homestays to opulent 6-star hotels, visitors to Malaysia are drawn from budget, lavish and thrill-seeking travellers as well as a thriving business community.

In recent years, Malaysia has also made noteworthy presence in the World Halal sector. Having placed various programmes and policies with aim to grow the industry, Malaysia External Trade Development Corporation (MATRADE) together with Halal Industry Development Corporation (HDC) and Department of Islamic Development Malaysia (JAKIM) have made headway in leading the call

for a comprehensive, sustainable and recognised Halal industry.

Among many such parallel drives is the overarching objective of MATRADE's involvement with Islamic Development Bank (IsDB) through its Reverse Linkage Programme. In promoting the experience, knowledge and technical advances of local stakeholders to various member nations of IsDB, Malaysia aspires to promote international trade relations through mutually rewarding collaboration, both long and short term.

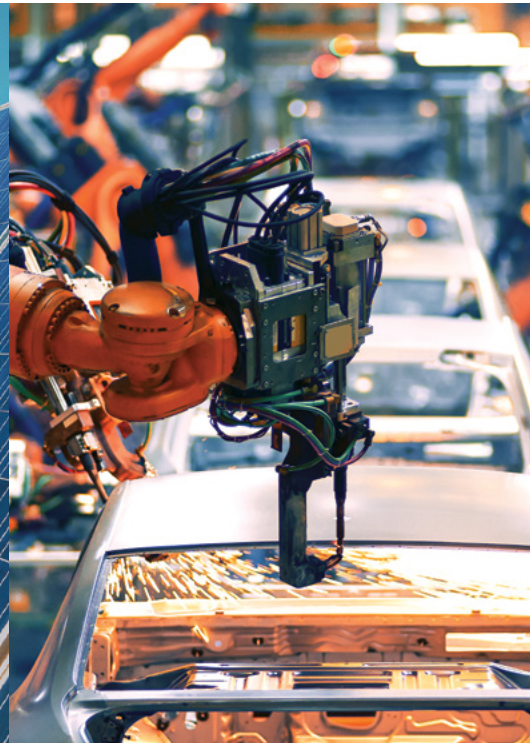
The country's commitment to elevate cross-border prosperity and engage overall development of world nations through better living conditions and infrastructure development is clearly evident with the numerous projects it has undertaken in recent years. In account of that, Malaysia will continue to maintain an open and welcoming stance in carrying out its foreign and trade activities.

MALAYSIA'S STRENGTH IN SERVICES SECTOR

According to the Malaysia Services Sector Blueprint, service sectors are broadly defined as consisting of broad sectors which are further broken down into several subsectors. These diverse subsectors are then led by various ministries and agencies.

By assessing other developed nations, it is evident that the services sector assumes an increasing share of the country's GDP as a country's economy matures. It is capable of sustaining the economy, serving as an engine of growth. In order to ensure a similar outcome as Malaysia

progresses into a developed nation, it is imperative that greater emphasis be placed upon the development of the services sector.



As such, Malaysia will see the implementation of strategies to enhance the resilience of the services sector and to give it a competitive edge. It will also promote the migration into high-value and knowledge-intensive services activities.

To guide the development of Malaysia's services sector, the Services Sector Blueprint was launched in 2015. The Blueprint was created with the purpose of unlocking a sector's potential and transforming it into one that is more knowledge-intensive and innovation-led. Being the primary driver of economic growth, the services sector is expected to grow and contribute to just over half of Malaysia's GDP, in addition to providing over 9 million jobs.

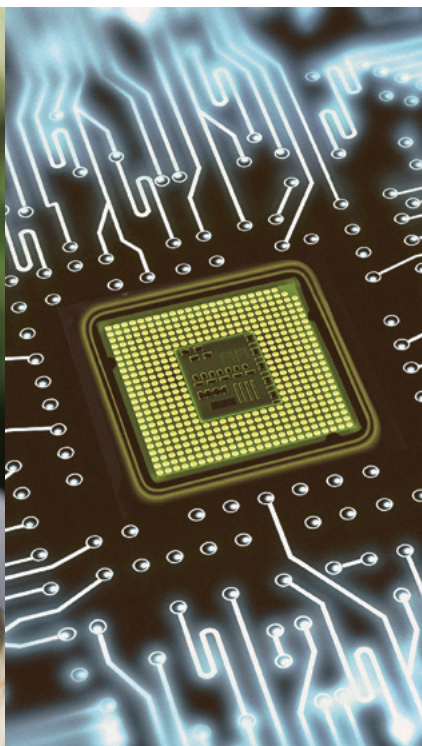
In its role as the national Trade Promotions Organisation (TPO), MATRADE has established a unit that focuses on promoting the following key subsectors in Professional Services:

1. **Accounting and taxation**
2. **Architectural services**
3. **Engineering services**
4. **Legal services**
5. **Quantity surveying services**
6. **Franchise**

Malaysia's services sector has been performing steadily with an increase year-on-year. Generally, Malaysia's exports of services experienced growth, with nine service components registering increases: travel; other business services; transport; telecommunication, computers & information; personal, cultural & recreational; manufacturing services; financial; and insurance & pension services.

A larger surplus in travel and improved deficit in construction, transport, personal, cultural & recreational services, insurance & pension and government goods services collectively contributed to a narrowing of the trade deficit. Trade surplus was also registered for both travel and manufacturing services.

Despite its determination to propel forward, Malaysia's global market reach is still hindered by non-tariff barriers (NTBs). On the domestic front, the professional services sector suffers from a lack of financing and a limited talent pool, which prevents Malaysian expertise from venturing abroad. To address these issues, Malaysia has looked towards other developed nations and pinpointed sustainability as a critical success factor for the internationalisation of Malaysia's professional services.





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▶SEARCH▶TR/01▶03

24 Malaysia Aerospace Industry Association (MAIA)

26 D'viation Solutions Sdn. Bhd. (D'viation)

▶RS./011

Aerospace & MRO

Malaysia continues to pursue its goal of becoming the leading Southeast Asian aerospace nation, with significant industry growth providing more than 24,000 job opportunities in the sectors of Aerospace Manufacturing; and Maintenance, Repair & Overhaul (MRO).

This growth has also seen the active participation of local small and medium-sized enterprises (SMEs) in the industry. Thus, in an effort to expand the local aerospace supply chain, SME Corporation Malaysia (SME Corp.) initiated the Aerospace Manufacturing Initiative Programme (AMI). Through this, 30 SMEs in the Parts & Components manufacturing (metallic & composites); Tooling manufacturing; and Special Processes for Aerospace manufacturing have been identified. As a result, participating SMEs experienced positive growth and are expected to generate over RM30 million in revenue.

The substantial growth of Malaysia's aerospace industry is also in part due to a recent surge of investments and multinationals such as GE Engine Services, Airbus, Spirit AeroSystems, Safran, Aerospace Composite and Honeywell Aerospace Services electing to establish and expand their operations across the country.

With its sights set on being Southeast Asia's regional aerospace hub, Malaysia has set an annual revenue target of more than RM50 billion by the year 2030, which is also expected to create more than 32,000 high-income jobs in the process.

In line with the Malaysia Industry 4.0 initiative, agencies such as MATRADE, National Aerospace Industry Coordinating Office (NAICO) and Malaysian Investment Development Authority (MIDA), overseen by the Ministry of International Trade and Industry (MITI), have focused their efforts to provide a facilitative environment and ecosystem thereby encouraging growth and Malaysia's competitiveness in the global arena.

Currently, the Malaysian aerospace industry is supported by 230 companies in operation and is at the forefront of several markets such as aero-composites manufacturing as well as aircraft components design and manufacturing. In recent years, total exports from the aerospace sector was over RM8 billion.

MALAYSIA AEROSPACE INDUSTRY ASSOCIATION (MAIA)



Introduction

The aerospace industry has been identified as one of the key elements required for Malaysia to become recognised as a developed country. Given this, the Malaysia Aerospace Industry Association (MAIA), was established in March 2016, in a launch that was officiated by the Minister of International Trade and Industry (MITI). This association is a non-governmental organisation that represents the voice of all local companies within the aerospace sector and is primed to be the aerospace industry hub for discussions, networking and business development. Besides that, its other key function is to support efforts to develop the country's status as the aerospace hub of Asia, particularly within ASEAN.

The association has a strong backbone of strategic goals that drives it forward. Besides being the voice of the industry, the other key goals include developing business opportunities by offering a networking platform, facilitating industry-to-government links, developing and fostering active dialogues among industry players, striving to grow the aerospace industry and promoting the industry locally amongst key stakeholders.

These goals were carefully formulated by keeping in mind the objectives of the Aerospace Blueprint 2030, a vision



for Malaysia to be the No.1 aerospace nation in Southeast Asia. Stipulated within this Blueprint, the key objectives for the Malaysian industry include being the top supplier of competent industry workforce within Southeast Asia; capturing between 3.5%-5.0% of the global market share for Engineering, Design and Maintenance, Repair and Operations (MRO); being the key supplier of aerospace parts and components; as well as becoming self-reliant in integration and upgrading of its strategic assets.

Area of Expertise

MAIA plays a key role in representing its members in both the Government and global aerospace industries. Companies within its membership leverage on MAIA for their various growth-required assistance. This includes access to

new markets and networking within the industry. The association's forte also includes championing the industry's interest, focusing mainly on public policy development.

Given that its membership comprises the top management personnel of member companies, it has been entrusted to establish guidelines for the industry, focusing mainly on capacity development and international market penetration.

Within its structure, 7 Technical Sub-Committees (TSCs) have been established to be the main drivers of activities within the Association. These Sub-Committees include Manufacturing, MRO, Process Improvements, Human Capital, Systems Integration, Engineering Services and Space. One of the key functions of these



sub-committees is to address the issues and concerns highlighted by members.

Strengths and Achievements

The association has a strong membership force made up of over 80 companies of varied specialities and composition. This consists of a diverse range of capabilities including Manufacturing, MRO, Engineering Design, Systems Integration, Human Capital and Space. This extensive and diverse expertise provides the association with a wealth of knowledge, skillsets and capabilities.

With this extensive knowledge and expertise in hand, MAIA regularly schedules forums and dialogues for the industry players. Besides the exchanging of knowledge and ideas, these forums also provide for an excellent networking platform within the industry.

Projects Undertaken (Domestic)

MAIA is the main organiser of the Aerospace & MRO Business Convention scheduled to be held in Kuala Lumpur. With this outstanding initiative, the global aerospace supply chain will be hosted locally and will create a platform for networking, industry expert workshops and immense business development opportunities.

International Cooperation Programme / Success Stories

MAIA has signed MoUs with several regional aerospace industry associations in Indonesia, Philippines, Singapore and most recently with Turkish Aerospace. On top of that, it maintains close relationships with French Aerospace Industry Association (GIFAS), The Society of Japanese Aerospace Companies (SJAC), SAHA Istanbul and more.

MALAYSIA AEROSPACE INDUSTRY ASSOCIATION (MAIA)

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(Associate)

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YEAR OF ESTABLISHMENT

2016

NO. OF MEMBERS

85 companies

GEO-COORDINATES

3.167592, 101.612945

AREA OF EXPERTISE

A non-governmental organisation that represents local companies within the aerospace sector.

STRENGTHS AND ACHIEVEMENTS

Strong membership force made up of over 80 companies of varied specialities and composition.

INTERNATIONAL COOPERATION / SUCCESS STORIES

MoUs with regional aerospace industry associations in Indonesia, Philippines, Singapore and Turkish Aerospace.

D'VIATION SOLUTIONS SDN. BHD. (DVIATION)



Introduction

The Dviation Group is an aviation solutions provider specialising in five core services, namely: Consultancy, Training, Recruitment, Maintenance and Fleet Technical Management services.

Established in 2012, Dviation Group's core services cover the full spectrum of needs of an airline or operator, commencing as soon as the decision is made to purchase an aircraft; throughout its life-cycle needs for maintenance and support; and up until its end-of-life for tearing down and scrapping of the aircraft carcass.

Dviation Group offers a comprehensive approach to aircraft maintenance, aviation management and aviation through a dynamic team of experts providing a wide range of innovative and customised consultancy services. Whereas as a one-stop training provider, Dviation International Training Organisation matches specific needs to the right disciplines; playing the role of being more than just a recruitment agency, with ever-expanding initiatives in personnel skillsets that meet customers' exact requirements. Its wide range of top-quality maintenance services are tailor-made and supported by cost-effective Fleet Technical Management solutions that cover a full range of services.



Area of Expertise

As aviation is a highly regulated industry due to the need to be critically safe, Dviation Group has invested considerably in training highly skilled and competent experts, as well as specialised tools and equipment to offer such services to the highest levels of quality.

The company's competitive advantage stems from its ability to provide highly customised, integrated and smart solutions to airlines, operators, owners and Maintenance, Repair, and Operating Supply (MRO) service providers.

Strengths and Achievements

The company is among one of a select group of independent organisations in Malaysia to hold multiple approvals from European Union Aviation Safety Agency (EASA) and the Civil Aviation Authority



of Malaysia to perform MRO related services.

Some notable achievements of Dviation Group include bringing technical training courses that were not readily available into Malaysia and the neighbouring regions through collaborations with European training providers. This has helped liberalise the sector, availing more candidates the chance to fulfil their dreams of being aircraft maintenance engineers and realising their dreams with the opportunity to work on the



latest generation of commercial aircrafts, including the likes of Airbus A350 and Boeing 787.

The company has conducted a total of 1,350 courses in 14 countries and handled over 4,000 transit checks in its 8-line stations across 4 countries.

Projects Undertaken (Domestic)

Dviation Group has carried out numerous projects in Malaysia and overseas, among them being the aircraft part-out and salvage programme for Malaysia Airlines.

Projects Undertaken (International)

1. Air Operator Certificate (AOC) manuals and documentation turnkey consultancy for Lan Mei Airlines in Cambodia;
2. Obtaining European Aviation Safety Agency (EASA) 145 Approval for Indopelita Aircraft Services in Indonesia; and
3. Engine inspections for Return to Lease & Pre-sale for Aerospace & Defence Industries Association (ASD) of Europe.



Recognition and Awards

Dviation Group was accorded Best Youth Exporter during the MATRADE Export Day in 2018.

International Cooperation Programme / Success Stories

The company has a multitude of collaborations, partnerships and joint ventures with organisations both locally and internationally, such as:

1. Partnership with Thailand Aerospace Industries (TAI);
2. Partnership with Cambodia Civil Aviation Training Center (CATC);
3. Partnership with Swiss Aviation Consulting (SAC);
4. Partnership with Hindustan Aviation Academy;
5. Partnership with Merpati Training Center and Pelita Air Training Center (Indonesia);
6. Joint Venture with TransFingo (Singapore);
7. Joint Venture with Darta Aero Teknik (Indonesia);
8. Joint Venture with Omniwise International Sdn Bhd, and others.

D'VIATION SOLUTIONS SDN. BHD. (DVIATION)

ADDRESS

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WEBSITE

www.dviation.com

NO. OF STAFF

95 (permanent) 100+ (contractors)

GEO-COORDINATES

3.108161, 101.582588

AREA OF EXPERTISE

Aviation solutions provider specialising in Consultancy, Training & Recruitment, Maintenance and Fleet Technical Management services.

STRENGTHS AND ACHIEVEMENTS

Multiple approvals from European Union Aviation Safety Agency (EASA) and the Civil Aviation Authority of Malaysia.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Collaborations, partnerships and joint ventures with organisations from Cambodia, Indonesia, Singapore, Thailand and others.



- 30** Federal Agricultural Marketing Authority (FAMA)
- 32** Malaysian Agricultural Research and Development Institute (MARDI)
- 34** Hai Kee Hung Sdn. Bhd. (Hai Kee Hung)
- 36** MARDI Corporation (MARDI Corp)
- 38** MAX Agri Commerce Sdn. Bhd.



Agriculture and R&D

Malaysia is one of the fastest growing economies in the Southeast Asian region, with a GDP growth year-on-year of over 4%. The Malaysian agricultural sector is supported by the country's tropical climate and the availability of fertile soil that allows for the production of various agriculture commodities. Increasing per capita incomes and rising consumer spending is driving the growth of this sector. The country benefits from Free Trade Agreements (FTAs) with the ASEAN Economic Community (AEC) which enables the free flow of exports and investments.

Agriculture has been key to Malaysia's economic development, and the agriculture sector contributes approximately 7.5% to Malaysia's GDP. The country is also undergoing various economic partnerships and is working to reduce or eliminate tariffs on agricultural and industrial products, especially with Chile, India, Japan and Pakistan.

Palm oil (38.55%) is the major contributor to the agricultural sector's GDP, followed by livestock (14.64%), fishing (12.71%), rubber (7.14%), forest and logging (2.66%), and others. Other prominent agriculture activities include the cultivation of paddy, fruits and vegetables. Commercial crops such as palm oil, rubber and cocoa are primarily grown by large companies while food crops are largely grown by smallholders.

The Malaysian government provides a range of measures to support domestic agricultural producers including price support to crops, fertiliser subsidies, Research and Development (R&D) and marketing support, amongst others.

Malaysia promotes the export of some products through tax or export duty exemptions; notably for processed palm oil. To encourage productivity increases, tax deductions and other incentives for companies applying bio-technology or investing in R&D have been made available.

Institutions that are established to spearhead research and development in agricultural-related sector in Malaysia are Malaysian Agricultural Research Development Institute (MARDI), Rubber Research Institute of Malaysia (RRI), Malaysian Palm Oil Board (MPOB), Fisheries Research Institute of Malaysia (FRI) and local universities.

FEDERAL AGRICULTURAL MARKETING AUTHORITY (FAMA)



Introduction

The Federal Agricultural Marketing Authority (FAMA) was established by way of Act 141 (1965) under the purview of the Malaysian Ministry of Agricultural and Agro-based Industry. FAMA is responsible for the marketing of agro food products such as vegetables, fruits and floriculture as well as agro-based industry products.

Area of Expertise

FAMA is tasked to take the lead in food and agricultural marketing and in developing an efficient and effective food and agricultural marketing chain for local entrepreneurs. It also markets agro-food products.

FAMA streamlines its efforts in five major sectors: farming, collection, processing & distribution, retailing and wholesale - with retail and wholesale accounting for a fair amount of its allocated budget.

Strengths and Achievements

FAMA has developed a long-term Strategic Plan consistent with the National Agro Food Policy to increase and expand the market for agro-food products as well as spur the transformation of agro food marketing.



FAMA's Strategic Plan focuses to increase:

1. Supply of agricultural products;
2. Market access;
3. Pool of entrepreneurs in the agro-food sector;
4. Income of stakeholders; and
5. Efficiency of marketing services.

To achieve these objectives, FAMA's activities are based on the following:

a) Product Development

FAMA offers consultation in market reach as well as providing support in packaging, labelling and product readiness. SMEs are able to develop their brands through the Agromas brand name, a national brand created to promote SME products with potential.

b) Market Development

FAMA's direct intervention into modern retail markets - such as supermarkets - is through facilitation and direct purchase. It also collaborates with market intermediaries such as retailers through initiatives like the Agriculture Retail Store (Agrobazaar Kedai Rakyat) and Fresh Fruit Stall (GBBS) to increase direct market access.

c) Market Infrastructure Development

One way FAMA achieves its objectives is through strengthening collection and distribution centres. Currently, there are 187 collection and 40 distribution centres across the country. Besides that, FAMA develops infrastructure to increase availability of products through projects such as; Pasar Tani Kekal, Pasar Tani, Pasar Komuniti & Karavan (PAKAR) and MyFarm Outlet. In total there are 798 outlets.



d) Entrepreneurship Development

Its entrepreneurship development programme aims to promote sustainability and competency among SMEs. Courses offered are aimed at upskilling and gaining better market presence.

Projects Undertaken (Domestic)

Recent projects under the National Plan are:

1. Transaction Marketing Services;
2. Retail Outlet Transformation;
3. Pasar Tani and Karavan Tani (Farmer's Market and Caravan Market);
4. Accreditation and Halal Agrofood Processing Centre;
5. Agrofood Quality Enhancement;
6. Marketing Standards of Agricultural Product;

7. Market Promotion;
8. Distributor Programme;
9. Agrobazaar.com.my portal;
10. Pasar Tani Kekal (Permanent Farmer's Market);
11. Agrobazaar Sales Centre; and
12. Tamu Markets (Native Sabah Markets).

Contract farming represents among one of its high-impact projects to educate smallholders in addressing market needs. In this context, FAMA plays the role of buyer through forward agreements. There are currently 18,448 farmers under this programme.

Recognition and Awards

FAMA has been bestowed several accolades, such as:

1. Best In Food Manufacturing, The Brandlaureate Bumiputera Bestbrands Award, 2017-2018.
2. Bestbrands In Consumer - Food & Beverages, The Brandlaureate World Halal Brand Award, 2018.
3. Growth Strategy Excellent Award, Malaysia Power Brand.
4. The Brandlaureate Halal Brand Leadership Award, 2018.



FEDERAL AGRICULTURAL MARKETING AUTHORITY (FAMA)

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YEAR OF ESTABLISHMENT

1965

NO. OF STAFF

2,363

GEO-COORDINATES

3.252020, 101.655884

AREA OF EXPERTISE

Marketing of agro-food and agro-based industry products.

STRENGTHS AND ACHIEVEMENTS

Contract farming is among one of its high-impact projects.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Manages 187 collection and 40 distribution centres across the country with 18,448 farmers under its contract farming programme.

MALYSIAN AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE (MARDI)



Introduction

Malaysian Agricultural Research and Development Institute (MARDI), a statutory body was established on October 28, 1969, with the primary objective of developing and promoting new and appropriate technologies in agriculture. Its core business is to carry out research and development to generate, disseminate and transfer innovative technologies to stakeholders. MARDI also provides technical services and consultancy, as well as offers collaboration and licensing arrangements for the commercialisation of research results.

MARDI also addresses constraints and challenges faced by the industry to ensure that agriculture remains a robust industry, contributing significantly to the country's economy and nation's wellbeing.



Area of Expertise

Plant Biotechnology, Plant Pathology, Plant Biochemistry, Agronomy, Breeding, Soil, Food & Environmental Science, Botany, Taxonomy, Engineering, Nanotechnology, Economy, Socio-Economy, Microbiology, Chemistry, Animal & Veterinary Science, Bioinformation and Computer Science.

Strengths and Achievements

MARDI has come up with 50 paddy varieties. Currently in Peninsular Malaysia, approximately 98% of paddy growers use MARDI's paddy variety. Adding to that are superior crop varieties such as Exotica papaya, Josapine pineapple, starfruit varieties (Mstar), rambutan varieties (Mutiara Wangi and Mutiara merah), chili varieties (L5 & L6), lowland tomato varieties (MAHA18), 6 coconut varieties (Careca, Careni, Marena, Myleca, Mylag, Marleca) and more.



It has also developed several technologies to manage and control pests and diseases, diagnostic tools for detection of pathogens/ genes, technologies to reduce agricultural input and more.

Projects Undertaken (Domestic)

1. Fruits: 1 project.
2. Floriculture: 1 project.
3. Technology transfer: 2 projects.
4. Biodiversity and sustainable agriculture: 2 projects.
5. High value products: 1 project.
6. Vegetables: 2 projects.
7. Industrial crops: 1 project.
8. Livestock: 6 projects.
9. Resource and infrastructure: 2 projects.
10. Precision farming: 1 project.

Projects Undertaken (International)

1. Capacity building; The Standing Committee for Economic and Commercial Cooperation of the Organisation of the Islamic Cooperation (COMCEC); Ankara, Turkey; 1 project;
2. Conservation and use of Taro; International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA); Rome, Italy; 1 project;
3. Biogas from mixed agricultural waste; Japan-ASEAN Integration Fund (JAIF); Jakarta, Indonesia; 1 project;



MALAYSIAN AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE (MARDI)

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WEBSITE

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YEAR OF ESTABLISHMENT

1969

NO. OF STAFF

2, 869

GEO-COORDINATES

2.990525, 101.701532

AREA OF EXPERTISE

Developing and promoting new and appropriate technologies in agriculture.

STRENGTHS AND ACHIEVEMENTS

50 years' experience in Research and Development of Agriculture.

SUCCESS STORIES/INTERNATIONAL COOPERATION

Collaboration and projects with related bodies in Brunei, China, Hungary, Indonesia, Philippines, Sri Lanka and more.

4. Workshop – investment in smallholder farming; Centre for Sustainable Agricultural Mechanisation (CSAM); Beijing, China; German Corporation for International Cooperation (GIZ); Bonn, Germany; 1 project;
5. Food Waste composting and recycling; The Japan International Cooperation Agency (JICA); Tokyo, Japan; 1 project.
5. Cooperation in Training, Research & Development of the Tropical Biodiversity with Southeast Asian Regional Centre for Tropical Biology (SEAMEO BIOTROP), Indonesia.
6. Scientific and Technical Cooperation with International Rice Research Institute (IRRI).
7. Collaboration Network with Hebei Academy of Agriculture and Forestry Sciences (HAAFS), China.
8. Scientific and technical cooperation with the Sri Lanka Council for Agricultural Research Policy (SLCARP), Sri Lanka.
9. Agricultural cooperation with Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD).
10. Agricultural Cooperation with National Agricultural Research and Innovation Centre (NARIC), Hungary.
11. Establishing an institutionalised long-term system of collection, synthesis, and analysis of agricultural R&D investment, capacity, and output data in Malaysia with APAARI's Agricultural Science and Technology Indicators (ASTI) team.
12. Collaborative Studies on Animal Reproductive Biotechnology with the World Vegetable Center (AVRDC).
13. Collaboration on germplasm data and technology exchange with Philippine Rice Research Institute (PhilRice).

Recognition and Awards

Research & Development (Agrifood) category, The BrandLaureate Industry Champion Brand ICON Leadership Award, 2015 and 2017.

International Cooperation Programme / Success Stories

1. Research collaboration with Department of Agriculture and Agrifood (DOAA), Brunei.
2. Collaboration in R&D, Capacity Building and Transfer Activities with Food and Fertiliser Technology Center for the Asian and Pacific Region (FFTC/ASPAC).
3. Agriculture Technical Collaboration with African-Asian Rural Development Organisation (AARDO).
4. Agricultural Cooperation with Centre for Agriculture and Bioscience International (CABI).

HAI KEE HUNG SDN. BHD. (HAI KEE HUNG)



Introduction

Hai Kee Hung Sdn. Bhd. (HKH Group) was incorporated in Kuala Lumpur and commenced its business activities in 1994. Its key objective is to become a leading integrated marine product supplier catering to the needs of every aspect within the seafood industry, both locally and internationally.

It has a total workforce of 500 people dedicated to offer safe and top quality products at affordable prices.

HKH Group is involved in the supply chain of upstream aquaculture activities to downstream related items, such as seafood value-added products. It engages in both wholesale and distribution involving local and foreign markets such as China, Japan, Hong Kong and Korea. HKH Group products include Vannamei shrimps, soft shell mud crabs and wild catch seafood where products are monitored under stringent quality control to ensure food safety and freshness.

Area of Expertise

HKH Group's aim is to be the most trusted frozen, fresh and processed seafood supplier for both local and global markets. It specialises in providing a wide variety of live, chilled and frozen seafood and processed seafood products. It also specialises in sea catch and sea water



aquaculture, manufacture, import & export, wholesale, supply and retail.

Strengths and Achievements

With the aim to offer excellence in service and product quality, HKH Group has streamlined its business activities into 3 divisions to better serve its clientele. They are:

1. Frozen Division - Hai Kee Hung Sdn. Bhd.

Providing the initial supply of freshly frozen seafood to restaurants nationwide, Hai Kee Hung only delivers top quality products. Its products are processed to be widely acceptable, achieving greater shelf life through strict conditions for freshness.

2. Wholesale Division – Hai Kee Hung Fisheries Sdn. Bhd.

Hai Kee Hung Fisheries Sdn. Bhd. is a major operator for the premium seafood segment in the country's biggest wholesale market, the Selayang Wholesale Market located in Kuala Lumpur. These products are purchased selectively using sensory evaluation.

3. Processing Division – Haikey Borneo Sdn. Bhd.

Haikey Borneo Sdn. Bhd. sources the Group's purchases and processes seafood at its factories in Sandakan and Tawau in the state of Sabah. Haikey Borneo Sdn. Bhd. is fully committed to good manufacturing practices and has applied to the Ministry of Health for HACCP certification for a variety of products.



Recognition and Awards

Having attained recognition through Halal Certification, Hazard Analysis and Critical Control Points (HACCP), Good Manufacturing Practices (GMP), Malaysian Good Agricultural Practice (myGAP), Skim Pensijilan Makanan Selamat Tanggungjawab Industri (MeSTI) and others is simply a testament to HKH Group's high level of demand.

International Cooperation Programme / Success Stories

The company processes over three million kilograms of chilled and frozen seafood annually. In addition, it also imports seafood items from South Asian countries. These activities are supported by cold room facilities that can accommodate up to 700 metric tonnes of seafood.

With an inventory of over 1,000 seafood items, the Group distributes its seafood via air, refrigerated trucks and ships nationally and worldwide where products are sold through wholesale markets, to premium establishments and institutional clients. HKH Group products are also exported to the Far East and USA markets.

The Group also possesses extensive experience in soft shell crab, lobster and marine fish, as well as the culture of fish fry.



HAI KEE HUNG SDN. BHD.
(HAI KEE HUNG)

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YEAR OF ESTABLISHMENT

1994

NO. OF STAFF

500

GEO-COORDINATES

3.218760, 101.615733

AREA OF EXPERTISE

Frozen, fresh and processed seafood supplier for both local and global markets.

STRENGTHS AND ACHIEVEMENTS

Ability to process over three million kilograms of chilled and frozen seafood annually.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Market presence in China, the Far East, Hong Kong, Japan, Korea and USA.

MARDI CORPORATION SDN. BHD. (MARDI CORP)



Introduction

MARDI Corporation Sdn. Bhd. is a wholly owned subsidiary of the Malaysian Agriculture Research and Development Institute (MARDI), an agency under Malaysia's Ministry of Agriculture and Agro Based Industry. It creates feasible scientific, technical, economic and sociological undertakings towards production, utilisation and processing of crops, livestock, mixed farming and food.

MARDI Corporation has 3 wholly-owned subsidiaries with specific areas of competencies, namely MARDI MAEPS Sdn. Bhd., MARDI Consultancy & Services Sdn. Bhd. and Mscape Management Sdn. Bhd.

Area of Expertise

MARDI Corporation consolidates its operations into 4 strategic business focuses:

1. MARDI Corporation

- i. Facilitation Programmes.
- ii. Trading Services.
- iii. Investment by Partners/Investors.

2. MARDI MAEPS Sdn. Bhd

- i. Event Management Services.
- ii. Agro Tourism Programme and Promotions.



3. MARDI Consultancy & Services Sdn. Bhd.

- i. End-to-End Project Management and Consultancy Services.
- ii. Technology Commercialisation.
- iii. Customised Training Programme.
- iv. Bespoke Agrisolutions Provider.

4. Mscape Management Sdn. Bhd.

- i. Landscape and Horticulture Services.
- ii. Asset and Facility Management

Strengths and Achievements

Whilst MARDI generates inventions and technological innovations to cater for the needs of the Agriculture industry, it also creates knowledge bases. This comes through research and development (R&D) activities conducted by more than 500 scientists spread over various disciplines. MARDI packages these technologies and tacit knowledge into viable endeavours.



Projects Undertaken (Domestic)

1. Management of Malaysia Agro Exposition Park Serdang (MAEPS), the largest event venue and AgroTourism Park in Malaysia.
2. Commercialisation of designer eggs - LTK Omega 3.

3. Rapid production of true-to-type MD2 Pineapple Planting Materials.
 4. Project management for establishment of nucleus and multiplier beef cattle and goat in Advanced Reproductive Biotechnology.
 5. Master planning for Kuala Berang Goat Breeding Centre in Terengganu.
 6. Development of the Herbal Industry for East Coast Economic Region Development Council (ECERDC).
 7. Master planning for Labuan Halal Distribution Hub.
 8. Designing layout plan, providing machinery specifications, creating training modules and training of trainers on Food Processing System for Institut Kemahiran Belia Negara (IKBN).
 9. Master planning for Keningau Integrated Livestock Centre.
 10. Consulting for HACCP (Hazard Analysis and Critical Control Points) certification.
 11. Review of Paddy and Rice Industry in Malaysia.
 12. Audit of Resources for the Malaysian Herbal Industry.
 13. Feasibility Study of Sabah Agro-Industrial Precinct (SAIP).
 14. Livestock Industry Cluster Development Project for MARDI.
 15. Feasibility Study for National Herbal Trading House.
 16. Organising the biennial international Malaysia Agriculture, Horticulture and Agrotourism (MAHA) Showcase.
3. Rapid Appraisal Study in Reviving Afghanistan's Fruits Processing Sector.
 4. Development of Post-Harvest Handling System for Fruits in Syria.
 5. Cambodia Agriculture Community Development Programme.
 6. Establishment of Grain Corn Mill and Farm in Cambodia.
 7. Masterplan for Batang Mitus Livestock Development Area and Orchard Development in Brunei.
 8. Development of the Suining-Asean Halal Trade and Technology Centre (SAHTTC) in China.

Recognition and Awards

1. Winner, Islamic Development Bank Science Award, 2011.
2. Winner, Malaysian Commercialisation Year, 2016.

International Cooperation Programme / Success Stories

1. Appraisal Study for Kazakhstan and Guyana through Islamic Development Bank's Reverse Linkage Programme.
2. Designing and Execution of various Agriculture and Food Training Programmes with Japan International Cooperation Agency (JICA) and Malaysian Technical Cooperation Programme (MTCP) for participants from Palestine and the Philippines.
3. Consulting Services for Islamic Development Bank, United Nations Development Program (UNDP), Kano State Government (Nigeria), Ondo State Government (Nigeria), Ogun State Government (Nigeria) and Republic of Suriname.

Projects Undertaken (International)

1. Development of Local Traditional Food for Brunei.
2. Rapid Appraisal of Nigerian Agro-Industrial Development.

MARDI CORPORATION SDN. BHD. (MARDI CORP)

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YEAR OF ESTABLISHMENT

1992

NO. OF STAFF

70

GEO-COORDINATES

2.979444, 101.697707

AREA OF EXPERTISE

Scientific, technical, economic and sociological initiatives in processing of crops, livestock, mixed farming and food.

STRENGTHS AND ACHIEVEMENTS

Engages more than 500 scientists spread over various agriculture and food disciplines.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Collaboration and projects in Brunei, Cambodia, China, Nigeria, Suriname and Syria

MAX AGRI COMMERCE SDN. BHD.



Introduction

MAX Agri Commerce is a consulting, certification and commercialisation firm specialising in the Agriculture Industry. It facilitates farm owners and investors in developing and implementing agro-industrial projects worldwide.

MAX is a company with hands-on knowledge of the relevant manufacturers of agricultural implements, machineries and inputs and operates in partnership with companies in the Agricultural Industry ecosystem to provide its clients with the best solution to meet their business challenges.

Area of Expertise

The MAX team is made up of professional agronomists, economists and engineers with extensive international experience. MAX consultants have practical experience in horticulture, field crops, fruit trees, dairy, poultry, aquaculture and other agricultural related industries.

Strengths and Achievements

MAX has a core team with over 120 years of collective experience in business development, agriculture solutions, technology implementation and project management. Being a young company, MAX positions itself differently by focusing on project development and implementation of Reverse Linkage



projects developed with Islamic Development Bank (IsDB).

Projects Undertaken (Domestic)

Working in tandem with Malaysian Agriculture stakeholders, MAX has undertaken several local projects in advancing the agriculture sector.

Projects Undertaken (International)

Among various ongoing projects, MAX has also made headway in the international front. Among its many undertakings and initiatives include:

1. Reverse Linkage Project between the Government of The Republic of Suriname and Malaysia in Rice Value Chain Enhancement;
2. Reverse Linkage Project between the Government of The Cooperative Republic of Guyana and Malaysia in Rice Value Chain Enhancement;





3. Validation Mission for the Reverse Linkage Activity between the Government of Cameroon and Malaysia in Rice Value Chain Enhancement;
4. Diagnostic Mission for the Reverse Linkage Activity between the Government of the Republic of Indonesia and Malaysia in Downstream Value Chain Enhancement;
5. Diagnostic Mission for the Reverse Linkage Activity between the Government of The Republic of Suriname and Malaysia in Halal Ecosystem Development;
6. Familiarisation Visit for the Reverse Linkage Activity between the Government of The Republic of Suriname and Malaysia in Halal Ecosystem Development;
7. Diagnostic Mission for the Reverse Linkage Activity between the Government of The Cooperative Republic of Guyana and Malaysia in Halal Ecosystem Development; and
8. Familiarisation Visit for the Reverse Linkage Activity between the Government of The Cooperative Republic of Guyana and Malaysia in Halal Ecosystem Development.

International Cooperation Programme / Success Stories

MAX Agri Commerce is the service provider for the Reverse Linkage project between The Cooperative Republic of Guyana and Malaysia in Rice Production.

The project, jointly financed by IsDB, MAX and the Government of Guyana, was approved by the Bank in September 2018, and has two pillars which will see Malaysian rice experts bringing eight varieties of rice in three categories (high yielding, aromatic and salt tolerant) for adaptation trials at the Burma Rice Research Station. Additionally, research on downstream/value-added products of rice will also be done.

A Joint Coordination Committee and a Project Management Unit were identified to ensure effective implementation of the project.

MAX Agri Commerce has also signed an agreement to provide technical expertise in Rice Value Chain Enhancement to the Republic of Suriname under IsDB's Reverse Linkage Project.

MAX AGRI COMMERCE SDN. BHD.

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YEAR OF ESTABLISHMENT

2018

NO. OF STAFF

27

GEO-COORDINATES

3.164629, 101.657737

AREA OF EXPERTISE

Consulting, certification and commercialisation specialist for the Agriculture Industry.

STRENGTHS AND ACHIEVEMENTS

Over 120 years of collective experience in business development, agriculture solutions, technology implementation and project management.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Ongoing collaborations with Cameroon, Indonesia, the Republic of Suriname and Republic of Guyana.



42 Malaysia Automotive, Robotics & IoT Institute (MARii)

44 Prasarana Malaysia Berhad (Prasarana)

46 Proton Holdings Berhad (PROTON)

48 Tan Chong Group Berhad (Tan Chong)



Automotive and Transportation

The automotive industry in Malaysia consists of over 20 vehicle producers and over 600 component manufacturers. Malaysia's automotive industry was the third largest in Southeast Asia, and ranked 25th worldwide, with an annual production output of over half a million vehicles. The automotive industry contributes an estimated 4% (RM40 billion) to Malaysia's GDP, and employs a workforce of over 700,000 nationwide.

Malaysia marked its commitment towards being an automotive-producing nation through the establishment of Proton in 1983. It soon bloomed into a full-fledged car manufacturer, introducing its very first in-house design in the year 2000, the Proton Waja. Meanwhile, Perodua established itself as Malaysia's second national brand in 1993.

Today, the Malaysian automotive industry has grown with over 600 parts and components manufacturers and more than 50,000 after-sales businesses.

Taking into consideration the latest trend in the automotive industry within ASEAN, the sustainability in economic growth, infrastructure developments and automotive Original Equipment Manufacturers' (OEMs') continuous introduction of models; have collectively provided a huge boost to the automotive industry. The ASEAN automotive industry benefits significantly from their respective governments' continued promotion

of infrastructure development through investments. The automotive industry in Malaysia is expected to continue its growth; in fact, it is expected that its biggest moments are still to come as this industry provides and brings opportunities in both the manufacturing and service sectors.

The development of Malaysia's automotive industry has made the country a production centre for major automotive component manufacturers. Today, there are about 800 automotive component manufacturers, producing a wide range of components, such as body panels, brake parts, engine parts, transmission and steering parts, rubber parts and electrical & electronic parts.

Engineering supporting industries have developed in tandem with the development of the manufacturing sector. The key strengths of the automotive industry in Malaysia are buoyed by the rapid development of the following industries:

1. Mould and die;
2. Metal casting;
3. Machining;
4. Metal stamping;
5. Surface treatment/finishing; and,
6. Heat treatment.

In addition to this, OEMs are key players in the structure contributing towards producing end-products to the market place.

MALAYSIA AUTOMOTIVE, ROBOTICS & IoT INSTITUTE (MARii)



Introduction

An agency under the Ministry of International Trade and Industry (MITI), Malaysia Automotive, Robotics and IoT Institute (MARii) was established to lead the development of the Malaysian automotive sector and the overall mobility ecosystem through the adoption of Robotics and IoT. Being an independent and corporatised organisation established in 2010, its main objective is to enhance the competitiveness of the automotive industry and overall mobility including Intelligent Transportation Systems (ITS) and Related Services.

Serving as the focal point, coordination centre and think tank for the nation's automotive industry, it functions to enhance technology, human capital, supply chain, market outreach and

after sales capabilities of all automotive stakeholders and ecosystems. To date, MARii's achievements in this arena has been commendable.

Area of Expertise

Since its establishment, MARii has strengthened its institutional capacity by positioning itself as an Automotive Manufacturing Innovation Centre, with 4 Centres of Excellence established to date:

1. MARii Academy of Technology,
2. MARii Design Centre,
3. National Emission Test Centre (NETC), and
4. MARii Satellite Sabah.

In its ethos, 4 pillars were identified as a central philosophy in implementing MARii's capacity building programmes. These pillars consist of job

opportunities, career advancement, business opportunities and business enhancement. With this as its framework, all improvement activities developed for the industry serves at least one of these pillars, if not more.

Strengths and Achievements

Having been in the automotive sector for close to a decade, its expertise is vast and wide.

MARii has a strong commitment to continuously developing the national automotive sector towards global competitiveness. This includes enhancing the application and development of Robotics and IoT within the Big Data Analytics (BDA) architecture platform which includes the Intelligent Transportation System (ITS).





MALAYSIA AUTOMOTIVE, ROBOTICS & IoT INSTITUTE (MARii)

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YEAR OF ESTABLISHMENT

2010

NO. OF STAFF

83

GEO-COORDINATES

2.928742, 101.660816

AREA OF EXPERTISE

Development of the Malaysian automotive sector and overall mobility ecosystem through the adoption of Robotics and IoT.

STRENGTHS AND ACHIEVEMENTS

Conducts strategic research in the field of Automotive, Robotics and IoT. From this, MARii provides input and policy recommendations to the government and the industry.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Collaboration with stakeholders in Australia, India and Indonesia.

Besides that, it often engages and mobilises collective efforts among stakeholders in the Automotive, Robotics and IoT sectors. Some of the key tasks here are to plan and implement relevant industrial strategies with regard to common data mining, analysis and the analytic platform.

MARii also conducts strategic research in the field of Automotive, Robotics and IoT. From this, it provides input and policy recommendations to the government and the industry.

Additionally, MARii strives to create new jobs and business opportunities in Robotics and IoT within the related fields to automotive manufacturing and services, ITS and mobility.

Projects Undertaken (Domestic)

MARii has undertaken numerous local projects, such as:

1. Malaysia Autoshow;
2. National Emission Test Centre (NETC);
3. Digital & Engineering Centre;
4. 4R2S Industry Standards; and
5. Development of Malaysian Standards (MS).

Projects Undertaken (International)

In recent years, MARii has also expanded its wings to undertake international projects under the Malaysia-Australia Free Trade Agreement (MAFTA), such as:

1. Modular Electric Bus Driveline Systems Project; and
2. Lithium Ion battery development.

International Cooperation Programme / Success Stories

MARii's success also includes collaboration programmes such as:

1. MoU signing with Engineering Export Promotion Council (EEPC) – Exhibition and business matching with Indian automotive vendors;
2. MoU signing with Institut Otomotif Indonesia (IOI) – business matching activity between Malaysian and Indonesian automotive vendors; and
3. Collaboration with Swinburne University of Technology - establishing Industry 4.0 training at MARii Academy of Technology.

PRASARANA MALAYSIA BERHAD (PRASARANA)



Introduction

Prasarana Malaysia Berhad (Prasarana) drives the transformation of Malaysia's public transport systems and services. It owns and operates the country's urban rail services which includes three Light Rail Transit (LRT) networks and the KL Monorail, in addition to operating the Mass Rapid Transit (MRT) line.

Prasarana also owns and operates the stage bus services in Kuala Lumpur, Selangor, Penang, Perak and Pahang.

Area of Expertise

Public Transport – operations, maintenance, consultancy, commercial, project management, training and transit-oriented development

Strengths and Achievements

Prasarana took over the management and operations of the Putra LRT and STAR LRT in 2002 and KL Monorail in 2007 respectively which then led to the development of an integrated urban rail network in Klang Valley and Selangor. It is now the driver of urban rail services.

Similarly, for the stage bus operations, it took over Intrakota, Park May and Cityliner in 2003 to start Rapid KL stage bus services. These bus services were further expanded to Penang to create Rapid Penang; followed by Rapid Kuantan



(2012), Rapid Kamunting and Rapid Manjung in Perak (March 2018). It has the biggest network of stage bus services in the country.

Prasarana also manages and operates the environmentally friendly Bus Rapid Transit – Sunway Line, which is Malaysia's first BRT system and the only full-fledged stage bus services using electric buses; and running on dedicated elevated tracks. Having commenced in 2015, Prasarana has set the benchmark for future stage bus services in Malaysia.

Prasarana officially took over operations of Penang Ferry after agreement with Penang Port Authority to officially handover its services to Rapid Ferry on April 30, 2018. It is now leading a transformation in water-based public transport in Malaysia.

Projects Undertaken (Domestic)

Prasarana is the driver of public transport operations in Malaysia, owning and operating the urban rail networks and stage bus services.

Projects Undertaken (International)

Prasarana managed and operated the Al Masha'ar Al Mugaddassah Metro Southern Line in Saudi Arabia from 2015 to 2017.

Recognition and Awards

Over the years Prasarana has gained substantial awards and recognition in account of its excellence in performance. Among such recent accolades include:

1. Anugerah Pencapaian Mesra Pengguna/User Friendly Achievement award, Lembaga Pelindung dan Kebajikan Pengguna Malaysia/Bureau of Consumer Affairs (LPKPM), 2017;



2. Institution Engineers Malaysia Award, 2017;
3. Global Leadership Award, 2017;
4. Contribution to Organisation award, The Asia HRD Awards, 2017;
5. Best Innovation Award in Rail Industry, Land Public Transport (LPT) Gala Dinner & Industry Awards, 2017;
6. Employer of Choice Award, The Malaysia HR Awards, 2017;
7. International Diamond Prize for Excellence in Quality, European Society for Quality Research (ESQR) Awards, Vienna, 2017;
8. Integrated Management System (IMS) Certification (2019) for 5 ISOs in a single audit exercise, which was then penned as the first in Malaysia under the Malaysia Book of Records;
9. Asia Best Employer Brands Award, World HRD Congress, 2019;
10. Industry Champions, ACES Award, Bangkok, 2019;
11. Silver Award, International Convention on Quality Control Circles (ICQCC), Tokyo, 2019;
12. Gold Medal Award, ICC, Asia Pacific Quality Organisation, 2019;
13. Innovation Class Awards, Asia Pacific Quality Organisation (APQO), Bali, 2019; and,
14. 17 gold medal awards, Annual Productivity Innovation Conference and Exposition, 2019

International Cooperation Programme / Success Stories

Collaboration with Saudi Arabia for Al Mashaer Al Mugaddassah Metro Southern Line for the period 2015-2017.

PRASARANA MALAYSIA BERHAD (PRASARANA)

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YEAR OF ESTABLISHMENT

1998

NO. OF STAFF

9,500

GEO-COORDINATES

3.1273534, 101.6782267

AREA OF EXPERTISE

Operations, maintenance, consultancy, commercialisation, project management, training and transit-oriented development in Public Transportation.

STRENGTHS AND ACHIEVEMENTS

Drives the transformation of Malaysia's public transport systems and services.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Managed and operated the Al Mashaer Al Mugaddassah Metro Southern Line in Saudi Arabia.

PROTON HOLDINGS BERHAD (PROTON)



PROTON
INSPIRING CONNECTIONS

Introduction

PROTON was established in 1983 as a National Car Project, via a joint venture between HICOM (70%) and Mitsubishi (30%), with the objective of accelerating and rationalising Malaysia's automotive sector, and advancing ancillary industries.

Following the signing of a Definitive Agreement on 23 June 2017, China's Zhejiang Geely Holding Group Limited acquired a 49.9% equity in PROTON.

Area of Expertise

Independent automotive Original Equipment Manufacturer (OEM) based in Malaysia, with a comprehensive set of research and development/engineering; production; sales and distribution; and vendor capabilities.

Strengths and Achievements

PROTON is all about pushing the boundaries of technology. The company believes that by doing so, it can build stronger relationships, bridge distances between people, innovate and create stronger bonds towards a better future for mobility.

Projects Undertaken (Domestic)

PROTON's main objective is to propel Malaysia into the 21st century as an industrialised nation. Its desire to constantly improve continues to this day, undoubtedly



leading to PROTON being at the forefront of the automotive industry.

Recognition and Awards

PROTON's many accolades include:

1. 2019

- i. Proton X70, Local Car of The Year 2019 and Best Large-size SUV/Crossover (2-Row Seating), Star CarSifu Editors' Choice Awards, 2019.
- ii. Proton Iriz, Best Compact Hatch (below RM70k), Star CarSifu Editors' Choice Awards, 2019.
- iii. Proton Saga Premium, Best Compact Sedan (below RM70k), Star CarSifu Editors' Choice Awards, 2019.
- iv. Proton Exora Premium, Best Family Ride of the Year (RM50k-RM100k, 3-Row Seating), Star CarSifu Editors' Choice Awards, 2019.

2. 2018

- i. Proton Saga, Bronze Award in the Budget Car category, Carlist.my People's Choice Awards, 2018.
- ii. Proton Persona, Bronze Award in the Compact Sedan category, Carlist.my People's Choice Awards, 2018.
- iii. Proton X70, Best Connectivity & Infotainment award, Carlist.my Editors' Choice Awards, 2018.
- iv. Proton Ertiga Plus Xtra, Best Compact MPV, CarSifu Editors' Choice Awards, 2018.
- v. Proton, Silver People's Choice Award, Putra Brand Awards, 2018.
- vi. Proton Saga, One of the three best cars in the City Cars of Malaysia category, Cars of Malaysia Awards, 2018.
- vii. Proton Iriz, One of the three best Compact Hatchback category, Cars of Malaysia Awards, 2018.



PROTON HOLDINGS BERHAD (PROTON)

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YEAR OF ESTABLISHMENT

1983

NO. OF STAFF

9,028

GEO-COORDINATES

3.0439759, 101.560658

AREA OF EXPERTISE

Independent automotive OEM based in Malaysia.

STRENGTHS AND ACHIEVEMENTS

Comprehensive set of R&D engineering, production, sales & distribution and vendor capabilities.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Accorded more than 20 Awards between 2015 and 2019.

viii. Proton Ertiga, One of the three best Compact MPV category, Cars of Malaysia Awards, 2018.

3. 2017

- i. Proton Saga, Compact Sedan Of The Year, Allianz General Insurance Company (Malaysia Berhad), 2017.
- ii. Proton Perdana, Malaysia Good Design Mark (MGDM), Malaysia Design Council (MDC) Accreditation, 2017.

4. 2016

- i. New Proton Saga, Value-For-Money Car, Malaysia Car Of The Year, 2016.
- ii. New Proton Persona, Most Improved Model In Fuel Efficiency, Malaysia Car Of The Year, 2016.
- iii. Proton Iriz, Budget Car Of The Year, ASEAN Car of The Year, 2016.

iv. Proton Iriz, Most Affordable 5-Star ASEAN New Car Assessment Programme (NCAP) Car in Malaysia, ASEAN NCAP Grand Prix Award, 2016.

v. New Proton Saga, Rising Star Award, ASEAN NCAP Grand Prix Award, 2016.

vi. Proton Prevé, Most Affordable 5-Star ASEAN NCAP Car in Thailand, ASEAN NCAP Grand Prix Award, 2016.

vii. New Proton Perdana 2.4, Best Local Design Of The Year, CarSifu Editors' Choice Awards, 2016.

viii. New Proton Persona, Best Compact Car, CarSifu Editors' Choice Awards, 2016.

ix. Proton Holdings Berhad, Malaysia Best Employer Award, 2016.

5. 2015

- i. Proton Iriz, Best Industrial Design, Intellectual Property Corporation, 2015.

TAN CHONG MOTOR HOLDINGS BERHAD (TAN CHONG)



**TAN CHONG MOTOR
HOLDINGS BERHAD**

Introduction

Tan Chong Motor Holdings Berhad (TCMH) was incorporated in Malaysia in 1972 and has been a public-listed company on the Main Market of Bursa Malaysia since 1974. From its humble beginning as the distributor of small motor vehicles by its founders back in the 1950s, TCMH has grown into one of the largest Malaysian conglomerates involved in a myriad of business activities in the automotive industry. The Group's main business activities are assembly and distribution of passenger and commercial vehicles, provision of after-sales services and motor-related financial services such as hire purchase, insurance and leasing as well as property holdings.

Area of Expertise

1. Assembly and Manufacturing

- i. Tan Chong Motor Assemblies Sdn. Bhd. (TCMA), a subsidiary of TCMH, began operations in 1976 with its first assembly plant in Segambut, Kuala Lumpur.
- ii. With 40 over years in operation, TCMA has produced over a million vehicles of various makes; Nissan, Renault, Subaru, Mitsubishi, UD Trucks, Foton and Bison trucks.

2. Sales and Distribution

- i. NISSAN
In 1957, Edaran Tan Chong



Motors was appointed the franchise holder of Nissan/Datsun vehicles in Malaysia. In 1970, Nissan/Datsun became the best-selling brand in the country.

- ii. INFINITI
Inspired Motor, a joint-venture company between Edaran Tan Chong Motor and Auto Dunia Sdn Bhd, is the sales and marketing arm of INFINITI range of vehicles in Malaysia.
- iii. RENAULT
Tan Chong Euro Cars (TCEC) is the official distributor of Renault vehicles in Malaysia since 2003. This includes assembly, distribution and after-sales support for Renault vehicles in Malaysia.



- iv. UD TRUCKS
Commercial Vehicles Division of TCMH Group has the sole and exclusive distribution rights to UD Trucks & Buses and Silverbus in Malaysia.

3. After-Sales Services Division

In FY2017, the After-Sales Service Division grew its revenue by 12%.



TAN CHONG MOTOR HOLDINGS BERHAD (TAN CHONG)

Strengths and Achievements

Models Launched

1. 2016

- v. Nissan Serena S-Hybrid Tuned by Impul.
- vi. Renault Koleos.

2. 2017

- i. New Nissan Navara - Black Series
- ii. New X-Trail Aero Edition.
- iii. Nissan Teana NISMO Performance Package in Malaysia.

3. 2018

- i. New Nissan Urvan (Siem Reap)
- ii. Nissan Navara Premium Plus (Cambodia).
- iii. Nissan Navara Premium Plus (Laos).
- iv. Nissan Navara Plus (Myanmar)
- v. Nissan Terra 7-Seater SUV (Cambodia).
- vi. Nissan Terra 7-Seater SUV (Laos)
- vii. New Nissan Almera – Black Series.

4. 2019

- i. New Nissan Terra 7-Seater SUV (Myanmar).
- ii. Nissan Terra.

Projects Undertaken (Domestic)

1. 2016

- iii. Mertzzy Auto Nissan 3S Centre in Kota Kinabalu.
- iv. Multiway Auto Sdn Bhd Largest Nissan Showroom in Eastern Region.

2. 2019

- i. Tan Chong Automotive Technology (TCAT-UMP MOOC) Programme at TCTECH, Kota Bharu.

Projects Undertaken (International)

1. 2017

- ii. 3S Centre Officially Opens - First in Sagaing, Myanmar.
- iii. Nissan 3S Centre - First in Savannakhet, Laos.

2. 2018

- i. Showroom in Phnom Penh & Introduction of New Urvan.

3. 2019

- i. 3S Centre in Nay Pyi Taw & Introduction of Nissan Terra.

Recognition and Awards

1. Nissan X-Trail, Asean Car of The Year Award, 2015.
2. Malaysia Car of the Year (COTY) Awards, 2017.
3. Renault Koleos, Best Large Size SUV Crossover, CarSifu Editors' Choice Awards, 2018.

International Cooperation Programme / Success Stories

1. 2017

- ii. Siem Reap Nissan 3S Showroom.
- iii. Pakse KM2 Stadium Test Drive.
- iv. Test Drive Event Day, Phnom Penh.

2. 2018

- i. The 1st Nissan Caravan – “Unique Experience or Nissan Laos Customers”.

3. 2019

- i. TC Services Vietnam Co., Ltd. signs MoU With SAIC Motor International Co. Ltd.

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YEAR OF ESTABLISHMENT

1972

NO. OF STAFF

5,000

GEO-COORDINATES

3.168529, 101.695816

AREA OF EXPERTISE

Assembly and distribution of passenger and commercial vehicles, provision of after-sales services and motor-related financial services.

STRENGTHS AND ACHIEVEMENTS

Produced over a million vehicles of various makes.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Market presence in Cambodia, Laos and Myanmar.



52 Construction Industry Development Board (CIDB)

54 Khairi Consult Sdn. Bhd.

56 Minconsult Sdn. Bhd.

58 Probase Manufacturing Sdn. Bhd. (Probase)



Construction and Related Services

As Malaysia steadily progresses into becoming an advanced nation, a higher demand for modern and efficient infrastructure to support this development has raised the importance of the construction sector. In order to meet this demand, Malaysian construction industry players have risen to international standards in terms of capabilities, experience and expertise. Forecasts for the construction sector predict a growth of over 10% per annum with a contribution of more than RM300 billion - equivalent to over 5% of Malaysia's GDP.

In an effort to propel the industry forward, the Construction Industry Transformation Programme (CITP) was created. The CITP transformation programme encompasses 4 key strategic thrusts: Quality, Safety and Professionalism; Environmental Sustainability; Productivity; and Internationalisation and Competitiveness. This transformation is overseen by the Construction Industry Development Board (CIDB), which also serves as the industry regulator.

Malaysian construction industry players are well-known for their constant innovation and effort to improve efficiency by reducing project time and costs. In addition to an emphasis on superior quality, the companies continuously strive for excellence in key areas of architecture, engineering design, consultancy and landscaping services. Their strength also lies in the capabilities of Malaysian construction

industry players, who are able to implement a variety of projects such as infrastructure and buildings; ports and airports; water treatment and power plants; mixed development projects; as well as innovative design concepts including the adoption of Industrialised Building System (IBS) and Building Information Modelling (BIM). Equipped with advanced skills and technology that are offered at affordable rates, it is unsurprising that Malaysian construction companies have made inroads in the global market, successfully completing projects worldwide.

Recently, 23 projects worth nearly RM2 billion were won by Malaysian construction companies. These projects were from 13 countries, including Brunei, Cambodia, Qatar, Sri Lanka and United Arab Emirates. A majority of the construction projects were in the mixed development of residential and commercial areas, power plants, roads and infrastructure. Similarly that year, construction exports were recorded at over RM3 billion and construction imports were valued at just over RM11 billion.

CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB)



Introduction

The Malaysian Construction Industry Development Board (CIDB Malaysia) is a Federal Statutory Body under the Ministry of Works, established under the Construction Industry Development Board Act (Act 520) to develop, regulate, enforce and execute tasks and functions related to the Malaysian construction industry.

Area of Expertise

To develop the capacity and capability of the construction industry through the enhancement of quality and productivity by placing great emphasis on professionalism, innovation and knowledge in the endeavour to improve the quality of life.

Strengths and Achievements

Enforcing safe and quality construction as well as enhancing the adoption of best practices in construction, thus raising the quality of construction work as a whole.

In doing this, CIDB Malaysia discharges its functions in varying capacities:

1. To promote and stimulate the development, improvement and expansion of the construction industry.
2. To advise and make recommendations to the Federal Government and the State Government on matters affecting or connected with the construction industry.
3. To promote, stimulate and undertake research into any matter relating to the construction industry.
4. To promote, stimulate and assist in the export of service relating to the construction industry.
5. To provide consultancy and advisory services with respect to the construction industry.
6. To promote and encourage quality assurance in the construction industry.
7. To regulate conformance of standards for construction workmanship and materials.
8. To obtain, publish, initiate and maintain information relating to the construction industry including the establishment of a construction industry information system.
9. To provide, promote, review and coordinate training in the construction industry.
10. To register and accredit contractors, to impose any conditions of registration and accreditation of the contractors and to revoke, suspend or reinstate the registration and accreditation.
11. To register, accredit and certify construction personnel and to revoke, suspend or reinstate the registration, accreditation and certification of such construction personnel.
12. To regulate the implementation for quality and safe construction works.
13. To regulate the implementation of Industrialised Building System in the construction industry.
14. To attend to any complaint or report made in relation to any failure of construction works or completed construction works which affects public safety and take appropriate actions to address it.



CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB)

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YEAR OF ESTABLISHMENT

1995

NO. OF STAFF

1,032

GEO-COORDINATES

3.16922, 101.69113

AREA OF EXPERTISE

Federal Statutory Body to develop, regulate, enforce and execute tasks and functions related to the Malaysian construction industry.

STRENGTHS AND ACHIEVEMENTS

Launched a national transformation programme for Malaysia's construction sector towards world-class industry standards.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Hosted International Construction Week (ICW 2018) which attracted 15,000 local and foreign visitors.



Projects Undertaken (Domestic)

1. Launched in 2015, the Construction Industry Transformation Programme (CITP) is a national transformation programme that was created to boost Malaysia's construction sector towards a world-class industry able to compete locally as well as internationally.
2. Organisational Excellence (OE) Programme was established since 2017 to drive CIDB Malaysia in effectively implementing its functions under Act 520 and subsequently deliver its services excellently for the benefit of the construction industry in particular and the nation in general.

International Cooperation Programme / Success Stories

Hosted International Construction Week (ICW 2018) held in collaboration with 34 strategic partners comprising government departments and agencies, as well as construction industry associations. ICW 2018 attracted 15,000 local and foreign visitors.

KHAIRI CONSULT SDN. BHD.



Introduction

Incorporated in 1994, Khairi Consult Sdn. Bhd. (KCSB) prides itself as being the fastest growing engineering consulting firm in the country. With a dedicated team of personnel at management and executive levels who possess vast experience in their respective fields of engineering, their policy is to be proactive in their approach towards continuous improvement in engineering capabilities.

To date, KCSB's portfolio includes consulting and management services in the areas of civil, structural and geotechnical; mechanical and electrical; environmental; as well as railway.

Area of Expertise

KCSB's primary areas of expertise revolve around preliminary planning and feasibility studies; engineering design; contract documentation and tender evaluation; value engineering; project management, Quality Assurance (QA) / Quality Control (QC) and construction supervision; and environmental management planning.

Given their wide range of capabilities, KCSB provides specialist engineering consulting services in the fields of highway transportation; geotechnical engineering; bridges; building and structure; water resources and infrastructure;



environmental; electrical and mechanical engineering; and land development.

Strengths and Achievements

Being ISO certified, KCSB has a clear vision towards achieving their goal of becoming one of the leading engineering consulting firms in Malaysia. In line with this, their strength lies in their personnel

who possess wide experience in various engineering disciplines.

With a strong commitment to ensure that their products and services delivered conform to the highest engineering standards, KCSB continuously keeps abreast with the ever-advancing technology in computer-aided design and drafting systems.

KHAIRI CONSULT SDN. BHD.

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YEAR OF ESTABLISHMENT

1994

NO. OF STAFF

240

GEO-COORDINATES

3.242753, 101.709099

AREA OF EXPERTISE

Engineering consulting firm.

STRENGTHS AND ACHIEVEMENTS

Engineering design; contract documentation and tender evaluation, value engineering; project management, QA / QC and construction supervision, and environmental management planning.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Projects undertaken in Australia, Bosnia and Herzegovina, Dhaka, Papua New Guinea, Republic of Iran and Uganda.



Projects Undertaken (Domestic)

Over the past years, KCSB has successfully undertaken numerous projects of sizeable proportions. In view of this, KCSB has been appointed by various clients to undertake key projects in Malaysia, amongst which are:

1. Mass Rapid Transit Line 2: Sungai Buloh–Serdang–Putrajaya (SSP) Elevated South 3;
2. Proposed mix development Kota Elmina;
3. Proposed Damansara-Shah Alam Elevated Expressway (DASH);
4. Malaysia Vision Valley (MVV): Construction of a new road from Nilai-Labu to Bandar Enstek;
5. Proposed mixed development Kota South Key; and
6. Proposed construction of Institut Penilaian Negara (INSPEN).

Projects Undertaken (International)

KCSB has also made inroads in the international front. Some of their feats on foreign soil include:

1. Feasibility study on the eco-satellite city development, Uganda;
2. Rivernina Resort and mixed development, Illidza, Bosnia and Herzegovina;
3. Privatisation of the Zenica–Sarajevo Highway (Package 3), Bosnia and Herzegovina;
4. Design of the Ulaveo Industrial Centre, Kokopa, Papua New Guinea;
5. Development of the Chonhadak–Kangan Expressway, Islamic Republic of Iran;
6. Construction of the 2nd Dhaka–Chittagong Highway; and
7. Upgrading of Malaysian student halls in Melbourne, Australia.

MINCONSULT SDN. BHD.



Introduction

Minconsult is a wholly Malaysian, majority Bumiputera owned company, established in 1962. Led by a dynamic management team, the Company has grown over the years to be one of the leading firms of independent consulting engineers in Southeast Asia.

Minconsult is a multi-disciplinary engineering consultancy offering a comprehensive range of consulting services.

The firm's Quality Management System has been certified by SIRIM QAS International which reaffirms its commitment to international standards for Environment and Occupational Safety & Health. Minconsult has completed assignments in 24 countries across 5 continents.

Area of Expertise

Its area of expertise covers more than 20 different engineering fields as a one-stop multidisciplinary engineering excellence consultancy firm with a large well-balanced and professional permanent workforce, delivering fast track national & international projects on time.



Strengths and Achievements

1. Power Plant

The firm's strength in the power plant sector stems from its ability to undertake projects of a large range of power capacities, ranging from 800MW to 1440MW. Examples of such capability are:

- i. Payra Thermal Power Plant (2 x 660MW), Dhankhali, Bangladesh;
- ii. Combined Cycle Power Plant Project (Track 4A 1440MW), Pasir Gudang, Johor; and more.

2. Railway

In the railway sector, Minconsult's multi-disciplinary expertise is what gives it a competitive edge over the rest. This was clearly illustrated in:

- i. Phase 1 of Jakarta LRT from Kepala Gading to Velodrome (Package 102); and
- ii. Light Rail Transit 3 (LRT3) project, from Bandar Utama to Johan Setia.

3. Highway

Minconsult's prowess in the highway sector is evident from the various assignments it has carried out. This includes:

- i. Phnom Penh – Sihanoukville Expressway Project;
- ii. Australia Gold Coast Springbrook Road, Somerset Drive; and
- iii. Package A – Shah Alam – Sungai Buloh (Km 457), Package B – Bukit Lanjan – Jalan Duta Toll Plaza, Package C – Sungai Buloh (Km 457) – Rawang Interchange, Malaysia.

Projects Undertaken (Domestic)

The firm's notable recent projects are:

1. Bukit Chupak Water Treatment Plant (WTP) and Upgrading Water Supply System in Gua Musang, Kelantan, Malaysia; and
2. LRT3 Project from Bandar Utama to Johan Setia.

Projects Undertaken (International)

Minsconsult is also actively undertaking projects in the international front such as:

1. The Phnom Penh - Sihanoukville Expressway Project, Cambodia;
2. Khyber Pakhtunkhwa Cities Improvement Project (KPCIP), Pakistan; and
3. Owner's Engineer Services for Payra 1320MW Thermal Power Plant Project (Phase II), Bangladesh China Power Company Pvt. Ltd. (BCPCL).

Recognition and Awards

The firm's international and locally received awards are as follows:

1. ASEAN Outstanding Engineering Achievement Award, 2013.
2. The Independent Checker of The Second Penang Bridge, UK Brunel Medal, 2015.
3. IPMA International Excellence Award, 2015.
4. Asian Power Awards, 2015.
5. International Road Federation Global Road Achievement Award for Construction Road Methodology and Urban Planning & Mobility, 2016.
6. Malaysian Construction Industry Excellence Awards (MCIEA), 2017.
7. Gold Award of Special Merit, Association of Consulting Engineers Malaysia (ACEM) Engineering Awards Competition, 2017.
8. Malaysian Construction Industry Excellence Awards, 2015.
9. Special Merit Award for the National Mail and Parcel Hub (NMPH), Institute of Engineers Malaysia (IEM), 2013.
10. Bronze Award, ACEM Engineering Awards, 2013.
11. Award for Excellence in Export (Services), Ministry of International Trade and Industry, Malaysia, 2009.



12. Silver Award of Merit for A-380 MAS Hangar at MAS Complex, Kuala Lumpur International Airport .
13. Award for Industry Excellence in Export (Services), Ministry of International Trade and Industry, Malaysia, 2003.
14. Award of Special Merit for Lumut Combined Cycle Power Plant.

International Cooperation Programme / Success Stories

Among its many recent international collaborations and recognitions include:

1. Appointment as lead consultant for the Pakistan National Highway Sector Development Project.
2. Receiving ASEAN Outstanding Engineering Achievement Award for the successful completion of the Malaysian's First State of The Art Automated Mail Processing Hub.

MINCONSULT SDN. BHD.

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YEAR OF ESTABLISHMENT

1980

NO. OF STAFF

562

GEO-COORDINATES

3.103238, 101.637600

AREA OF EXPERTISE

Multi-disciplinary engineering consultancy in Southeast Asia.

STRENGTHS AND ACHIEVEMENTS

Expertise in more than 20 different engineering fields.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Completed assignments in 24 countries across 5 continents with offices in Bangladesh, Cambodia, Indonesia and Pakistan.

PROBASE MANUFACTURING SDN. BHD. (PROBASE)



Introduction

Probase Manufacturing Sdn. Bhd. (PMSB) is a key manufacturer of soil sealing products and the primary design-build contractor for low volume roads in Malaysia. Established in 1999, PMSB had been building low volume roads for some of the largest local plantations. Having started with just a few plantations locally, their presence is now felt in more than 15 countries worldwide. In this journey, they have dramatically transformed the living experience in plantations and rural areas, impacting the lives of the many people therein.



With a mission to make soil roads throughout the world no longer muddy or dusty, PMSB has a proven track record in upgrading unpaved roads into dust-free and mud-free sealed roads. This is especially appropriate for rural and feeder roads, thus transforming such laterite and gravel roads to paved roads, which in turn provides communities throughout the world their rights to accessibility.

PMSB is now an authority in Soil Sealing Technology, being constantly invited to participate and address road building seminars and conferences worldwide.

Area of Expertise

Since the launch of their proprietary “Probase Road Technology” in 1999 with their maiden road-works installation at Nam Heng Plantation, Johor, they have been actively making soil roads better throughout the world.

Having been in the industry for over 2 decades, PMSB’s expertise include ensuring the highest degree of consistency and efficiency by covering every aspect of the soil sealing industry. Understanding that precise design and construction can improve road performance and increase road traffic safety, PMSB has invested in the finest and best production technology to produce TX-85 Soil Stabilizer, SH-85 Soil Hardener and PB-65 Soil Sealant.

Furthermore, given that its core values include a continuous dedication to better roads and better life, PMSB has successfully obtained ISO certification (ISO 9001:2015). With this, their products are subjected to rigorous and stringent quality controls and checks before being released to customers.

In addition to this, PMSB also has its own Research and Development facilities in various manufacturing plants. This ensures that the company consistently produces the best quality solutions at the lowest possible cost. These laboratories are equipped with the requisite measuring and testing tools and machines to ensure stringent quality control.



Strengths and Achievements

PMSB's key strength surrounds their expertise in making soil roads better throughout the world.

Besides this, PMSB has a strong undertaking in social responsibility. With this, they ensure that up to 99% of personnel involved in their numerous projects are made up of members of local communities. Above that, priority is often given to the disadvantaged, such as unemployed graduates and women. Aside from creating job opportunities, the company also assists in developing the construction subcontracting industries, such as pipe culverts, stone pitching drains, road markings and signage, maintenance works and equipment hire.

Projects Undertaken (Domestic)

PMSB has an extensive list of successful local projects. This includes:

1. Plantation roads throughout Malaysia, and
2. Collaboration with Universiti Tun Hussein Onn on road technology.

Projects Undertaken (International)

Some of PMSB's international projects include:

1. 200km project, Swaziland;
2. 25km project, Uganda;



3. 52km unpaved road upgrade, Senegal;
4. 10km pilot project, Uganda;
5. Plantation roads, Meru & Samburu, Kenya; and
6. Timor Leste Memorial Park.

Recognition and Awards

Awards received for achievements include:

1. Best Innovative Product Award, 2012.
2. CIDB International Achievement Awards, 2019 .

International Cooperation Programme / Success Stories

Among the many success stories are the company's work with:

1. Country Governments of Meru and Samburu in Kenya.
2. Kingdom of Swaziland.

PROBASE MANUFACTURING SDN. BHD. (PROBASE)

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YEAR OF ESTABLISHMENT

1999

NO. OF STAFF

20

GEO-COORDINATES

1.551858, 103.760413

AREA OF EXPERTISE

Key manufacturer of soil sealing products and design-build contractor for low volume roads.

STRENGTHS AND ACHIEVEMENTS

Two decades of expertise in the soil sealing industry and ISO 9001:2015 certified.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Undertaken projects in Kenya, Kingdom of Swaziland and plantation roads throughout Malaysia.



62 Education Malaysia (EM)

64 Asia Pacific University of Technology & Innovation (APU)

66 Sribima Maritime Training Centre Sdn. Bhd. (SMTTC)

Education and Training

The very first Malaysian school, Penang Free School, was established in 1816 to provide formal education. Not long after, government-owned schools were set up to provide standardised education to the citizens of Malaysia. The establishment of the first university, Universiti Malaya in 1962 was the catalyst for decades of education excellence.

The 80s saw the rise of private higher education. These colleges offered Diploma and Certificate programmes from established universities from Australia, the United Kingdom and the United States whereby students spent a portion of their studies both locally and abroad. During the economic downturn towards the end of the 80s, private colleges, facilitated by the government, allowed the programmes to be completed in Malaysia.

Ever since then, Malaysian higher education has only continued to grow in quality and quantity, providing education to Malaysians as well as international students. Today, the Malaysian education sector exports higher education by franchising Malaysian education programmes abroad via twinning programmes and joint awards with international universities. In addition to that, the influx of foreign students entering Malaysia's public and private higher learning institutions marks a total transformation from its early days.

The Malaysian education sector has quickly fulfilled the definition of an industry. Local and international investors have increased, investing in academic facilities as well as research and talent development. According to the Department of Statistics Malaysia, private education has steadily increased its contribution to Malaysia's Gross Domestic Products (GDP) with a growth value of roughly 7.7% per annum.

Malaysia is now an education hub known for its quality academic programmes accredited by the Malaysian Qualifications Agency (MQA). The accreditation is widely accepted throughout Asia and Europe.

More than 170,00 international students have been recorded to be studying in Malaysia. On average, these students spend an average of RM30,000 per year on tuition fees and accommodation. It is also estimated that the higher education sector will be contributing at least RM17 billion per year to the Malaysian economy.

EDUCATION MALAYSIA (EM)



Introduction

The role of both public and private Higher Educational Institutions (HEIs) has been crucial in contributing towards Malaysia's goal of becoming a world-class education hub and centre of excellence.

To ensure that the nation's aspirations continue to be fulfilled, the government has identified several strategies that ensure world-class quality and consistency. Among them is the establishment of the Education Malaysia Division, one of the twelve divisions under the Department of Higher Education, Ministry of Education. The Division has a significant role in establishing Malaysia as a regional and international higher education hub.

The Malaysia Education Blueprint 2015-2025 (Higher Education) focuses on

transforming Malaysian Higher Education Institutes (HEIs) into world-class institutions. Given this, Education Malaysia Division is tasked with the implementation of initiatives that enable the visibility of Malaysian higher education.

In its pursuit of recognition, Education Malaysia Division aspires to build a global academic reputation with its offering of academic expertise in Malaysia. This is expected to enhance the collaboration and linkages between Malaysian higher education institutions and educational institutions abroad.

Area of Expertise

Education Malaysia Division has a dynamic mission to ensure the high quality of Malaysian education achieves global excellence. Positioning itself as an

academic expert, the main responsibilities and expertise of the Education Malaysia Division include drafting, implementing and coordinating the entry policy for international students; overseeing student welfare and implementing programmes towards the holistic development of Malaysian students overseas; as well as planning, promoting and coordinating the internationalisation of the national higher education system via various strategic approaches.

Furthermore, Education Malaysia Division is also responsible for increasing the country's visibility, branding and promoting Malaysia as a preferred global destination for higher studies in cooperation with Education Malaysia Global Services (EMGS); as well as managing and coordinating the cooperation in the





What is i-Kad ?

The i-kad was first introduced on 26 June 2014 as an identification document (ID) for foreign nationals residing in Malaysia. It was gazetted by the Ministry of Home Affairs on 23 February 2018 as the only recognised ID for international students in Peninsular Malaysia.

Function of i-Kad

1. As an ID for international students at Malaysian Higher Education Institutions.
2. As a security measure against counterfeit students ID.
3. To facilitate verification by authorities, including for security checks.
4. To mitigate the risk of loss and theft of international students' passports.

Importance of i-Kad

1. The i-kad is to be presented upon request. It is **COMPULSORY** for international students to carry their i-kad at all times.
2. The i-kad allows for faster visa verification in terms of identity and the validity of student pass (SP) of an international student.
3. The i-kad also allows enforcement agencies access to other information including academic institutions and emergency contact details, which will be in handy in an emergency.

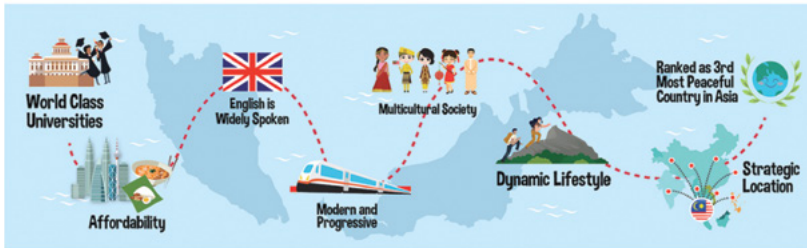
3 easy steps for i-Kad application

- 01 Submit Application Form
- 02 Students Pass Endorsement
- 03 Receive i-kad

5 Steps to Study in Malaysia



8 Reasons to Study in Malaysia



academic field between Malaysian HEIs and international institutes or bodies.

Strengths and Achievements

Since its incorporation, Education Malaysia Division has worked tirelessly to achieve its vision of excellence in higher education for human well-being. With this in mind, it aims to expand the diversity and experience of international students in Malaysia by realising the enrolment target of 200,000 international students by 2020.

In order to achieve this, it is working to identify specific academic areas that will differentiate Malaysia from its competitors. This is carried out by participating in academic and research fields. As such, Education Malaysia Division published Framing Malaysian Higher Education 4.0 Future-Proof Talent - a comprehensive assessment of the impacts, challenges and guide to future alternatives in redesigning Malaysian higher education. In addition to this, it is also developing geopolitical strategies such as transnational education.



Besides this, it also boasts of readily available access to research intelligence platforms such as Web of Science, Scopus, Proquest and Ebsco.

Projects Undertaken (Domestic)

Being a key player in the education frontier, Education Malaysia Division has undertaken the following local projects:

1. Framing Malaysian Higher Education 4.0 Future-Proof Talents;
2. Garis Panduan Mata Pelajaran Umum (MPU) / General Subjects Guideline; and
3. Buku Garis Panduan / Guideline Book.

EDUCATION MALAYSIA (EM)

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GEO-COORDINATES

2.896757, 101.667902

AREA OF EXPERTISE

Implementation of initiatives that enable the visibility of Malaysian higher education.

STRENGTHS AND ACHIEVEMENTS

Published Framing Malaysian Higher Education 4.0: Future-Proof Talents - a comprehensive assessment of the impacts, challenges and guide to future alternatives in redesigning Malaysian higher education.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Ongoing collaboration with international educational institutes or bodies.

ASIA PACIFIC UNIVERSITY OF TECHNOLOGY & INNOVATION (APU)



Introduction

The Asia Pacific University of Technology & Innovation (APU) is where a unique fusion of technology, innovation and creativity work effectively towards preparing graduates for significant roles in business and society globally.

Originally established as the Asia Pacific Institute of Information Technology (APIIT) in 1993, and later known as the Asia Pacific University College of Technology & Innovation (UCTI) in 2004, APU offers a truly cosmopolitan learning environment which prepares students for the global challenges that lie ahead. As such, it now has an international student community of over 11,000 from 120 countries at its Malaysian campus.

Having been announced as being among the Highest Rated Emerging Universities in the country, APU offers a wide range of degrees with Technology as a common core. Additionally, it has earned an enviable reputation as an award-winning University through its achievements in winning a host of prestigious awards at national and international levels.

Area of Expertise

Being amongst Malaysia's Premier Private Universities, APU is committed to offering top-notch digital technology courses and ensuring highly-skilled graduates



continue to flourish and fill future digital job demands locally and globally.

To support this vision, APU has established key Centres of Excellence that cover Cybersecurity, Internet of Things (IoT) and Network Security. Within this scope, it has developed a wide array of programmes in the areas of business, media, engineering, computing and technology at Foundation, Bachelors, Masters and PhD research levels.

Besides the mainstream academic initiatives, APU also offers a variety of English Language courses. This is in line with its aim to ensure the suitability of its students for the international job market.

Additionally, APU also conducts Corporate Training programmes. As these mainly



cater to working adults, these programmes are either short-term or for professional certifications.

Strengths and Achievements

APU's achievements bear testimony to its commitment to excellence in higher education and training. Needless to say, all of APU's academic programmes



Recognition and Awards

Given its dedication to innovative research and digitisation, it is not surprising that APU has been recipient to a range of awards. Amongst these are:

1. Premier Digital Tech Institute of Higher Learning (IHL), MDEC.
2. Setara Ratings, Ministry of Education.
3. Teradata Universe Data Analytics Challenge.
4. Asia Pacific ICT Awards (APICTA), Malaysia.
5. KPMG Cyber Security Challenge.
6. Fusionex Data Challenge.
7. Worldskills Malaysia (Cloud Computing) League.
8. International Energy Innovation Challenge (EIC), Singapore.
9. Institution of Engineers Malaysia (IEM) Award.
10. Cyber Heroes Competition.
11. Ernst & Young (EY) Asia-Pacific Cyber Hackathon Challenge.
12. Open Gov Asia Recognition for Excellence.
13. Cybersecurity Excellence Awards.
14. Proton DRB-HICOM Creative Car Challenge.
15. World Asian Business Case Competition.
16. F-Secure Intervarsity Cybersecurity Challenge.
17. SAS National FinTech Challenge.

are approved by the Ministry of Higher Education of Malaysia and its qualifications are accredited or provisionally accredited by the Malaysian Qualifications Agency (MQA).

Aside from this, APU (via APIIT) is Malaysia's first institution to achieve Multimedia Super Corridor (MSC) company status.

Projects Undertaken (Domestic)

On the local front, APU has worked tirelessly with the Ministry of Higher Education (MOHE) and Malaysian Qualifications Agency (MQA) to obtain approval and accreditation for its programmes.

Projects Undertaken (International)

Similarly, in the international arena, it has worked to achieve star ratings with Quacquarelli Symonds (QS), a world university ranking publication, thus strengthening its international presence.

ASIA PACIFIC UNIVERSITY OF TECHNOLOGY & INNOVATION (APU)

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YEAR OF ESTABLISHMENT

1993

NO. OF STAFF

550

GEO-COORDINATES

3.055178, 101.700748

AREA OF EXPERTISE

Educational institution committed to offering top-notch digital technology courses.

STRENGTHS AND ACHIEVEMENTS

International student community of over 11,000 from 120 countries.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Achieved star ratings with Quacquarelli Symonds (QS), a world university ranking publication.

SRIBIMA MARITIME TRAINING CENTRE SDN. BHD. (SMTC)



Introduction

Sribima Maritime Training Centre Sdn. Bhd. (SMTC) was established in Malaysia since 1988 with the primary objective of providing competence-based safety training to the oil & gas industry in Asia.

Area of Expertise

Its training facilities are fully equipped with comprehensive training equipment to simulate circumstances and situations of the actual working environment, as closely as possible under controlled conditions. This simulated realistic environment is ideal for competence-based training and assessment.

SMTC's learning and assessment team is composed of industry practitioners who have years of experience in their respective fields and are competent course leaders and assessors.

Besides its local facilities, SMTC Malaysia also conducts on-site safety training at client locations globally. On top of being highly cost effective, this also allows site/line management participation in the training and assessment process, thereby promoting their ownership of the safety courses.

The SMTC safety training approach is essentially two-pronged: the first is to impart a culture of safety, knowledge



and skills to prevent an incident from happening. Secondly, in the event that an incident occurs, the training approach empowers personnel to confidently and competently respond to and control the incident without loss of life and damage to property and environment.

All SMTC courses are delivered using the very effective kinesthetic learning style in a modular format. This contributes to a high absorption and retention of the knowledge and skills imparted.

SMTC is also recognised for its service excellence, in that most of its safety courses can be delivered anywhere in the world on very short notice, year-round and on terms that create lasting partnerships.

Strengths and Achievements

The main aim and objective of SMTC is to be the global market leader in providing high quality, fit-for-purpose and cost-effective safety training programmes by:

1. Maintaining a level of earnings which supports growth and expansion, while sustaining confidence of those who invest in the company by providing superior returns on investment.
2. Anticipating and fulfilling customers' needs in delivering high levels of product and service quality through the dedicated performance of staff.
3. Providing a rewarding and challenging environment for employees, allowing them to share in the company's growth and success.



Projects Undertaken (Domestic)

SMTC conducts safety courses for the oil and gas industry in Malaysia, as it is approved by the PETRONAS/Production Sharing Contractors' Joint HSE Working Committee.

Similarly, it is also approved by the Malaysian Marine Department to conduct the Standards of Training, Certification and Watchkeeping for Seafarers (STCW) modular safety courses for the merchant shipping industry.

Projects Undertaken (International)

On average, STMC trains over 40,000 delegates and delivers over 1,000 trainer days at global locations annually. This includes both offshore and onshore locations in Angola, Australia, Bahrain, Belgium, Brunei, Cameroon, Canada, China, Congo, Czech Republic, Denmark, Egypt, England, Gabon, Ghana, Holland, Hong Kong, India, Indonesia, Japan, Malaysia, Mongolia, Nigeria, Norway, Philippines, Poland, Romania, Russia, Saudi Arabia, Scotland, Singapore, South Africa, South Korea, Spain, Sudan, Taiwan, Thailand, Tobago, Trinidad, UAE, Ukraine, USA, Venezuela and Vietnam.

Malaysia, Mongolia, Nigeria, Norway, Philippines, Poland, Romania, Russia, Saudi Arabia, Scotland, Singapore, South Africa, South Korea, Spain, Sudan, Taiwan, Thailand, Tobago, Trinidad, UAE, Ukraine, USA, Venezuela and Vietnam.

Recognition and Awards

Apart from being a member of the International Association for Safety and Survival Training (IASSA), the company is also an ISO 9001:2008 and OHSAS 18001:2007 accredited safety training provider.

SMTC is also an OPITO (global industry standard in oil and gas safety, skills, and competence) approved training and assessment centre for providing emergency response programmes.

International Cooperation Programmes / Success Stories

Projects undertaken in Angola, Australia, Bahrain, Belgium, Brunei, Cameroon, Canada, China, Congo, Czech Republic, Denmark, Egypt, England, Gabon, Ghana, Holland, Hong Kong, India, Indonesia, Japan, Malaysia, Mongolia, Nigeria, Norway, Philippines, Poland, Romania, Russia, Saudi Arabia, Scotland, Singapore, South Africa, South Korea, Spain, Sudan, Taiwan, Thailand, Tobago, Trinidad, UAE, Ukraine, USA, Venezuela and Vietnam.

SRIBIMA MARITIME TRAINING CENTRE SDN. BHD. (SMTC)

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YEAR OF ESTABLISHMENT

1988

NO. OF STAFF

41

GEO-COORDINATES

4.485175, 113.998734

AREA OF EXPERTISE

Offers competence-based safety training to the oil & gas industry in Asia.

STRENGTHS AND ACHIEVEMENTS

Trains over 40,000 delegates and delivers over 1,000 trainer days at global locations annually.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Recognised by International Association for Safety and Survival Training (IASSA), OPITO (global industry standard in oil and gas safety, skills and competence), Petronas, Malaysian Marine Department Malaysian, and ISO 9001:2008 and OHSAS 18001:2007 accredited.



70 Malaysian Green Technology Corporation (GreenTech Malaysia)

72 Solid Waste and Public Cleansing Management Corporation (SWCorp)

74 Perintis Akal Sdn. Bhd.

76 Sigma Water Engineering (M) Sdn. Bhd. (SIGMA)

78 SPM Resources Sdn. Bhd.

Green Technology and Environmental

Malaysia has earmarked green growth as one of six game changers that would alter the trajectory of the nation's growth, resulting in the inception of The Green Technology Master Plan (GTMP). Malaysia's GTMP creates a framework which facilitates the mainstreaming of green technology into the planned developments of four pillars set in the National Green Technology Policy (NGTP): energy, environment, economy and social.

Green Technology applications are the most logical step forward and the Malaysian Government has a pivotal role in accelerating this by introducing and implementing breakthrough policies.

Sarawak's considerable hydroelectric potential is being developed as part of the government's Sarawak Corridor of Renewable Energy (SCORE) programme. A number of plants have come on stream in recent years, including the 2,400-MW Bakun hydroelectricity plant, which entered operation over 2011-2012, while the 944-MW Murum Dam plant began generating electricity in 2015.

Total energy from photovoltaic installations is insignificant in terms of its current contribution to Malaysia's energy mix. However, the pace of development is starting to pick up, with a number of foreign firms showing interest in the Malaysian solar market.

The first phase of what will become Malaysia's largest solar farm has been commissioned. Located in Selangor and run by Tenaga Nasional Berhad, the solar farm will produce 50 MW once at full capacity.

Despite the low domestic utilisation of solar power, Malaysia is a leading manufacturer of solar panels and equipment. It is ranked third globally, behind China and Taiwan, for the manufacture of PV cells and modules. According to the Malaysian Investment Development Authority, solar manufacturing companies generated around RM11 billion in export earnings.

The bulk of biomass in Malaysia comes from palm oil plantations. It is used as an alternative source of fuel in cement factories and as the main fuel source for a small number of biomass power plants. Nearly all of the electricity produced from biomass is used by palm oil millers themselves, but the government is hopeful that the construction of additional biomass-fuelled power plants will boost the supply of electricity to the national grid.

MALAYSIAN GREEN TECHNOLOGY CORPORATION (GREENTECH MALAYSIA)



Introduction

Malaysian Green Technology is an organisation established under the purview of the Ministry of Energy, Science, Technology, Environment & Climate Change (MESTECC). Also known as GreenTech Malaysia, it was established in 2010 after Malaysia unveiled its intentions to embrace Green Technology through the National Green Technology Policy (NGTP). NGTP had identified green technology as a key driver to accelerate the national economy and promote sustainable development.

Mandated by MESTECC, GreenTech Malaysia's role is to introduce various programmes and incentives to advocate the use of green technology in key economic sectors across the country. In addition to that, its role is to spearhead the development and promotion of green technology as a strategic engine for socio-economic growth.

Area of Expertise

GreenTech has both the knowledge and skillsets to undertake various green technology initiatives. Some of these include:

1. Green Technology Financing Scheme (GTFS)

GTFS is a financing scheme set up to offer financial assistance to both producers and users of green technology.



2. Green Investment Tax Allowance (GITA) and Green Income Tax Exemption (GITE)

This initiative offers incentives to encourage the buying and selling of green technologies.

3. MyHijau Mark & Directory

MyHIJAU Mark & Directory is an initiative that promotes the sourcing and purchasing of green products and services in Malaysia. MyHIJAU Mark is Malaysia's official green recognition which brings together certified green products and services that meet local and international environmental standards under one single mark.

4. Government Green Procurement

Government Green Procurement (GGP) initiative was launched to support the marketing of green products and services.

5. Low Carbon Cities Framework

Established in 2011, this framework provides guidance to local authorities on how to transform cities into low carbon cities.

6. Low Carbon Mobility

This initiative involves the installation of Electric Vehicle charging stations throughout the country.

Besides these, some of the other initiatives undertaken by GreenTech include Energy Management Training Programmes, MyHIJAU SME and Entrepreneur Development Programme, Energy Management Gold Standard (EMGS) and Green Advisory. In addition to this, GreenTech has also successfully organised the International Greentech and Eco Products Exhibition and Conference Malaysia (IGEM) and the National Energy Awards (NEA).



Strengths and Achievements

Besides 10 years of establishment experience, GreenTech has also achieved ISO 9001:2015 certification. Additionally, GreenTech is the country's custodian for the ASEAN Energy Management Accreditation Scheme (AEMAS) as well as the industry's lead body for Green Technology.

Projects Undertaken (Domestic)

GreenTech has undertaken many projects domestically, including:

1. Government Green Procurement with government ministries;
2. Low Carbon Cities 2030 Challenge;
3. ChargeEV charging stations infrastructure;
4. PLUS Green Roadmap 2018 – 2022; and
5. Energy Management Gold Standard (EMGS) certification programme.

Recognition and Awards

1. First Malaysian Certified Green Building under the Green Building Index (GBI), 2009.
2. Winner in Renewable Energy Category, ASEAN Energy Awards, 2009.

3. Second Runner-Up in the New & Existing Category, ASEAN Energy Awards, 2010.
4. First Runner-Up in Energy Management in Buildings & Industries Category, ASEAN Energy Awards, 2011.

International Cooperation Programme / Success Stories

GreenTech boasts an extensive list of successful programmes, including:

1. Collaboration with the United Nations Industrial Development Organization (UNIDO) and Global Environment Facility (GEF) to develop energy efficient low-carbon transport;
2. Partnership with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) to execute training in Measuring, Reporting and Verification (MRV) for sustainable transport; and
3. Joint venture with ASEAN Centre for Energy (ACE) to expand the scope of Energy Manager Training Course and Energy Management Gold Standard in Malaysia.

MALAYSIAN GREEN TECHNOLOGY CORPORATION (GREENTECH MALAYSIA)

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YEAR OF ESTABLISHMENT

2010

NO. OF STAFF

91

GEO-COORDINATES

2.957331, 101.751431

AREA OF EXPERTISE

Advocate the use of green technology in key economic sectors across Malaysia.

STRENGTHS AND ACHIEVEMENTS

10 years of establishment experience in Green Technology and ISO 9001:2015 certified.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Collaborations and partnerships with United Nations Industrial Development Organization (UNIDO), Global Environment Facility (GEF), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and ASEAN Centre for Energy (ACE).

SOLID WASTE AND PUBLIC CLEANSING MANAGEMENT CORPORATION (SWCORP)



Introduction

Perbadanan Pengurusan Sisa Pepejal dan Pembersihan Awam, also known as Solid Waste and Public Cleansing Management Corporation (SWCorp) was established with the aim of realising the objectives of the National Solid Waste Management Policy. In general, the Policy aims to create a comprehensive, integrated, cost-effective and sustainable solid waste management system that is required by communities which generally adhere to the concerns relating to environmental protection and well-being of the public.

SWCorp is established under the Solid Waste Management and Public Cleansing Corporation Act 673. It was formally established on June 1, 2008 under the Ministry of Housing and Local Government (KPKT).

SWCorp has the power to administer and enforce the laws related to solid waste management, public hygiene and other matters within this sphere. The role of the Corporation is to ensure more efficient, integrated public waste management and cleaning services which provide the desired levels of service expected of modern living conditions.

Area of Expertise

1. Ensuring that legal processes required of Solid Waste Management and Public Cleansing Corporations are adhered to and implemented fairly, properly and effectively.
2. Increasing public awareness of changing attitudes within the public and industry sectors to achieve commendable recycling rates.
3. Driving and promoting the use of latest technology in the management of environmentally friendly solid waste and cleaning.
4. Establishing the ownership of valid licenses by operators in accordance with legal criteria for the purpose of solid waste management and public clean-up.
5. Managing an orderly and effective system of solid waste management and public clean-up to improve the quality of the clean and healthy environment.

Generally, the role of SWCorp is to ensure more efficient, integrated public waste management and cleaning services while providing greater satisfaction to consumers in terms of solid waste





management and public cleaning. It has the power to administer and enforce the laws relating to such matters.

Strengths and Achievements

SWCorp has been operating for 11 years. This includes managing the activities of solid waste and public cleansing within the 7 states that have adopted Act 672.

In order to improve the quality of solid waste management, various technologies have been used to treat, recover and dispose waste; such as Material Recovery Facility (MRF), Mechanical Compost Machine, Incinerator and Anaerobic Digester (AD).

Projects Undertaken (Domestic)

1. SWCorp monitors solid waste and public cleansing activities in 54 cities across the following states: Johor, Kedah, Kuala Lumpur, Melaka, Negeri Sembilan, Pahang, Perlis and Putrajaya.

2. Monitoring 30 solid waste treatment facilities including: landfill, incinerator, leachate treatment plant and transfer station.
3. Running awareness and education programmes related to 3R (Reduce, Reuse, Recycle) for 1,700 schools, 1,000 government offices, 300 kindergartens, 1,200 supermarkets and 5,000 communities.
4. Enforcement in 170 locations across 7 states for illegal dumping.
5. Improvement of Solid Waste Management in Fraser Hill with Japan International Cooperation Agency (JICA), 2014-2016.
6. Project on Food Waste Composting in Cameron Highlands with JICA, 2017-2021.
7. Annual Waste Composition Study in Landfill.

Recognition and Awards

1. 'Separation at Source Initiative Towards Global Waste Management in Malaysia', Second place in Best Public Sector Project Category, Kingdom of Saudi Arabia for Environmental Management in the Islamic World, 2019.
2. Employee accreditation in the field of solid waste and public cleansing through concessionaire workers.

International Cooperation Programme / Success Stories

1. Project collaboration with JICA for Improvement of Solid Waste Management in Fraser Hill, 2014-2016.
2. Project collaboration with JICA for Food Waste Composting in Cameron Highlands, 2017-2021.

SOLID WASTE AND PUBLIC CLEANSING MANAGEMENT CORPORATION (SWCORP)

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YEAR OF ESTABLISHMENT

2008

NO. OF STAFF

1,126

GEO-COORDINATES

2.936562, 101.655303

AREA OF EXPERTISE

Management of integrated and sustainable solid waste management system.

STRENGTHS AND ACHIEVEMENTS

Monitors solid waste and public cleansing activities in 7 states.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Award by Kingdom of Saudi Arabia for Environmental Management in the Islamic World.

PERINTIS AKAL SDN. BHD.



Introduction

Perintis Akal was established in 2018 and serves the objective of constantly seeking best ways to create and extract value from our everyday lives. The company is intent on developing technology that is innovative and sustainable in nature where offering a positive impact to individuals, organisations and nations has become its core intent.

Perintis Akal's key areas of business include: waste management, chemical, trading and technology solutions.

As part of its ethos, Perintis Akal believes in delivering quick and impactful results. It does this by placing its clients' aspirations as the impetus of what it does.

Area of Expertise

1. Bespoke solution for waste management.
2. Tech solutions.
3. Chemical solutions and water filtration.
4. Trading.

Strengths and Achievements



1. Environmentally innovative products and equipment towards sustainable outcomes for residential and commercial waste management. Perintis Akal assists its commercial and institutional clients in developing end-to-end change management solutions to transform their waste management processes.
2. Nano-technology inspired water treatment products in the field of agro-based products, poultry and water treatment amongst others. The company assists in developing tailored holistic solutions to improve productivity, efficiency and achieve a lower cost of production through the application of Nano-technology.
3. International and regional trading house covering approximately 90 bases in 50 countries with operations that cover a broad spectrum of industries. This includes areas such as machinery, chemicals & plastics, food and general merchandise.
4. Develops software applications focused on improving productivity, responsiveness and efficiency by facilitating the integration of software and hardware towards the growth and expansion of commercial operations.

Projects Undertaken (International)

Transformation of Solid Waste Management for Saint Lucia Solid Waste Management Authority, 2019.



PERINTIS AKAL SDN. BHD.

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YEAR OF ESTABLISHMENT

2018

NO. OF STAFF

5

GEO-COORDINATES

3.166269, 101.692965

AREA OF EXPERTISE

Waste management, chemical, trading and technology solutions.

STRENGTHS AND ACHIEVEMENTS

Developed environmentally innovative products and equipment, Nano-technology inspired water treatment, software applications and operates an international and regional trading house covering approximately 90 bases in 50 countries.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Transformation of Solid Waste Management for Saint Lucia Solid Waste Management Authority, 2019.

SIGMA WATER ENGINEERING (M) SDN. BHD. (SIGMA)



Introduction

Incorporated in 2004, Sigma Water Engineering (SWE) is a specialised water treatment process engineering company. The Sigma Group of Companies is owned and managed by a team of professionals with extensive local and international experience in water and wastewater treatment. Sigma Water Engineering (M) Sdn. Bhd., based in Selangor, Malaysia, serves as the regional headquarters for its parent company, Sigma Water Canada Inc. of Canada.

Area of Expertise

Sigma is a one-stop solutions provider with capabilities to handle design, build, supply, service and operations for treatment systems. Sigma specialises in custom designed water and waste-water treatment/recovery plants on a turnkey basis; offering complete project services from design to commissioning, sales support and training.

Sigma provides products, systems and services for Wastewater Treatment, Effluent Recycling & Reuse, Water Treatment, Brackish & Sea Water Desalination, Chemicals for Water & Wastewater Treatment and Operations & Maintenance Support.

Strengths and Achievements

Sigma has a team of over sixty professionals who possess cost efficient expertise in manufacturing and assembly in Malaysia. Its main facility is spread over 3,700 m² (40,000 ft²). Sigma's high-calibre team of professionals pride themselves in the company's niche, technological advantage, quality workmanship, products and client services.

All Sigma systems utilise the current innovative technologies to correspond with precision to design standards set forth at the preliminary stages of procurement.

The company's systems are custom designed and often coupled with membrane systems to provide absolute filtration treatment to enable use in

industrial water applications or for recycle and reuse in wastewater applications.

Such systems are supplied in modular and compact designs, guaranteed to meet the Department of Environment (DOE) treated water standards for wastewater applications, or to meet ultrapure or ingredient water quality, for industrial water users. Sigma also has the capability to undertake plant operations on a long-term basis, as well as offer technical operations support.





Sigma undertakes refurbishment work for water as well as wastewater treatment systems, if the client's needs are to expand the capacity, or refurbish the existing system to meet the regulatory norms. All systems are built to occupy minimum footprint, power and operating costs.

The company takes on the stance of technology partner in addressing its clients' needs as a single source engineering, procurement and construction water and/or wastewater recycle treatment specialist. Its experience extends across diverse disciplines, covering a wide range of sectors which include: Food & Beverage, Oil & Gas, Poultry Processing, Automobile, Abattoirs & Fish Processing, Chemicals & Petrochemicals, Palm Oil Processing and Dairy.

Projects Undertaken (Domestic)

Since 2015, Sigma has undertaken more than twenty projects in locations such as Bandar Enstek, Bangi, Banting, Batu Pahat, Gebeng, Kemaman, Masai, Meru, Port Dickson, Semenyih, Teluk Intan and many more.

Projects Undertaken (International)

Sigma has also undertaken a substantial number of projects in Australia, Chile, Masai, Namibia, Nigeria, Oman, Peru, Tanzania, UAE, Uganda and Zambezi.

Recognition and Awards

1. SME100 Malaysia Awards (Annual Recognition programme organised by SME Magazine), 2019.
2. ISO 9000:2001 certified.

International Cooperation Programme / Success Stories

Collaborative business ventures with Osmoflo, Australia for emergency water systems; H2O Innovations (PWT), Canada for membrane antiscalants and cleaning solutions; and Piedmont, USA for engineered couplings.

SIGMA WATER ENGINEERING (M) SDN. BHD. (SIGMA)

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YEAR OF ESTABLISHMENT

2004

NO. OF STAFF

60

GEO-COORDINATES

2.986214, 101.622687

AREA OF EXPERTISE

One-stop, customised solutions provider for design, build, supply, service and operations for Water/Wastewater Treatment Systems.

STRENGTHS AND ACHIEVEMENTS

Its experience extends across diverse disciplines, covering a wide range of sectors which include: Food & Beverages, Oil & Gas, Poultry Processing, Automobile, Abattoirs & Fish Processing, Chemicals & Petrochemicals, Palm Oil Processing and Dairy.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Undertaken projects in Australia, Chile, Masai, Namibia, Nigeria, Oman, Peru, Tanzania, UAE, Uganda and Zambezi.

SPM RESOURCES SDN. BHD.



Introduction

SPM Synergy Resources Sdn. Bhd. has been operating since 2008. The company focuses on marine and scheduled waste, specialising in desludging and waste management in various industries.

SPM provides total solutions including maintaining, cleaning and disposal of Hydrocarbon Waste whereby its facility is licensed by Department of Environment Malaysia to conduct collection, logistics, storage of scheduled waste, recovery and disposal.

In its bid to drive environmental sustainability, SPM has invested in technology with the capability to extract or recover hydrocarbon from waste, to be used for regenerating energy.

Area of Expertise

1. Services

- iv. Scheduled Waste Recovery and Transportation.
- v. Palm Oil Products.
- vi. Building Bund Wall for Diesel and Liquid Storage Tanks (Below 20,000 Litres).
- vii. Cleaning of Grease Trap, Bund Wall and Storage Tank Areas.
- viii. Setting up of Waste Storage Area as per local regulations.
- ix. Managing Waste Inventory.
- x. Maintenance of scheduled waste storage area.

2. Supplying Petroleum Products:

- i. Light Fuel Oil.
- ii. Heavy Fuel Oil.
- iii. Diesel.
- iv. Marine Gas Oil.

- v. Marine Diesel Oil.
- vi. Recycled Fuel Oil.
- vii. Lubricant & Grease.

SPM has the capacity to deliver by road tankers, Flexibag 25,000 Litre (200 litre drums) and 1,000 Litre IBC Tank.

1. Transport

- viii. Collection and Disposal of Liquid Waste to Licensed Facility.
- ix. Petroleum Products.
- x. Palm Oil Liquid Waste Products.

2. Equipment and Logistics

- i. Storage Tank.
- ii. Weigh Bridge Capacity 80MT.
- iii. Processing Equipment.
- iv. Road Tanker 30MT and 40MT Capacity.





SPM RESOURCES SDN. BHD.

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YEAR OF ESTABLISHMENT

2008

NO. OF STAFF

10

GEO-COORDINATES

3.091769, 101.632680

AREA OF EXPERTISE

Total waste management solutions.

STRENGTHS AND ACHIEVEMENTS

Licensed by Department of Environment Malaysia to conduct collection, logistics, storage of scheduled waste, recovery and disposal.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

In a bid to drive environmental sustainability, SPM has invested in technology with the capability to recover hydrocarbon from waste, to be used for regenerating energy.

Strengths and Achievements

SPM practices a Business in Mind and Green in Attitude policy where HSE is its highest priority during operation attendance for collection, handling and disposal. The company has trained its staff to prioritise safe operational guidelines as follows:

1. Wearing PPE (Personal Protection Equipment) at all times.
2. Monitoring of pressure and temperature of waste being discharged at all times.
3. Placing safety equipment such as Fire Extinguishers, Oil Boom, Spill kit, Safety Cone and others in the vicinity of operations.
4. Strategic communication with Port Authority or Waste Generator personnel before and after operations to prevent mishaps, accidents and spillage.

Projects Undertaken (Domestic)

SPM has also obtained the following licenses and authority approvals for waste management:

1. Ministry Of Finance (MOF);
2. Department of Environment (DOE);

3. Recovery Facility For Scheduled Waste;
4. Transportation For Scheduled Waste;
5. Lembaga Pelabuhan Johor (LPJ);
6. Lembaga Pelabuhan Kuantan (LPK);
7. Lembaga Pelabuhan Klang (LPK);
8. Malaysia Airports Holdings Berhad;
9. Westports Malaysia Sdn. Bhd.;
10. Department of Occupational Safety And Health (DOSH);
11. Malaysian Investment Development Authority (MIDA);
12. Malaysian Palm Oil Board (MPOB);
13. Penang Port Sdn. Bhd.;
14. Tenaga Nasional Berhad (TNB);
15. Lumut Maritime Terminal Sdn. Bhd.;
16. Prasarana Malaysia Berhad;
17. Malaysia Marine and Heavy Engineering Holdings Berhad (MHB);
18. Department of Environment Licenses for recovery and transport;
19. BOMBA (Fire and Rescue Department of Malaysia); and
20. Majlis Bandaraya Petaling Jaya (Petaling Jaya City Council).



حلال

82 Department of Islamic Development Malaysia (JAKIM)

84 Halal Development Corporation Berhad (HDC)

86 F&B Equipment Sdn. Bhd.

88 Serunai Commerce Sdn. Bhd. (Serunai Commerce)



Halal-related Services

The Halal industry is one of the fastest growing sectors in line with global economic growth. According to the State of the Global Islamic Economic Report, nearly 1.8 billion Muslim consumers spent a total of over US\$2.2 trillion across the food, pharmaceutical and lifestyle sectors that are impacted by Islamic faith-inspired ethical consumption needs. This spending reflects an estimated 5% year-on-year growth and is forecasted to reach over US\$3 trillion by 2024. In addition, Islamic finance assets were reported to have reached over US\$2 trillion. As ethical considerations become increasingly important, the Islamic economy also addresses the broader ethical needs of non-Muslim consumers. Consumers are willing to pay more for higher priced, ethical products.

The Islamic economy has established an increasingly important footing in the global economy, driven by increasing Muslim consumer demand for dedicated products and services based on Islamic law that has developed the global sub-sectors of halal food and beverages, cosmetics, personal care, pharmaceuticals, Islamic financial services, modest fashion, Muslim-friendly travel, logistics and Islamic-themed media.

Global growth is underpinned by 10 key drivers that include high growth and affluence among Muslim population, increasing adherence to ethical values, continued engagement by

global multinational investors, and a growing number of national strategies dedicated to halal products and related opportunities.

Several countries have taken the lead in establishing robust ecosystems, with Malaysia leading for the 6th consecutive year. Malaysia has developed world-class regulation, driving new initiatives to accredit halal certifiers worldwide, granting the first Islamic fintech crowdfunding license and launching a new certification scheme for Muslim-friendly hospitality. On top of a reinforced investment ecosystem through increased focus on the Digital Islamic Economy, Malaysia has also signed trade agreements with major economies such as China, Japan, South Korea and Turkey.

Owing to its Muslim-majority population, Malaysia has the first mover advantage in the sectoral development of Halal food, pharmaceuticals and cosmetics; Shariah-compliant fashion, arts and entertainment; Halal logistics; Muslim-friendly tourism and financial services, among others. As such, the 12th Malaysia Plan (2021-2025) will see the halal industry moved to the centre stage given its great potential to accelerate economic impact and expand Malaysian companies' capabilities.

DEPARTMENT OF ISLAMIC DEVELOPMENT MALAYSIA (JAKIM)



Introduction

Under the purview of the Majlis Kebangsaan Islam, the Department of Islamic Development Malaysia (JAKIM) was established in 1970.

With the intention of ensuring that Islamic teachings are widely dispersed to society, JAKIM is the main agency for Islamic Affairs management at the federal level. It is also the secretariat to the National Council for Islamic Religious Affairs of Malaysia (MKI).

With a strong vision to be the leader of excellence in the management of Islamic affairs in Malaysia by 2020, JAKIM seeks to produce management systems based on Islamic values and ethics. This in turn is expected to create competent leadership and produce trained, versatile and dedicated professionals.

Area of Expertise

In driving the transformation of Islamic affairs management to enhance national awareness, JAKIM strives to undertake its functions through innovative and strategic empowerment of Islamic agencies.

Given its extensive portfolio, JAKIM's key areas of expertise include: Islamic law formulation and standardisation; the coordination of Islamic administration; and the development and enhancement of Islamic education.



To support this, JAKIM's staff subscribe to five collective values in the implementation of their established vision. These comprise dedication, honesty, teamwork, integrity and sincerity. Jointly, they strongly uphold the belief and strive to serve for religion, race and country.

Strengths and Achievements

JAKIM is the sole agency responsible for Islamic affairs including halal certification in Malaysia. It plays an important role in protecting Muslim consumers in Malaysia and it is always been JAKIM's responsibility to assure them in seeking halal products as urged by Shariah.

For the purposes of halal certification, JAKIM has to ascertain the halal status of the product at every stage and at every process by carrying out official site inspections of the plant to examine how the halal status of the raw material is maintained and monitored at all times.

As such, JAKIM requires reputable and credible foreign halal certification bodies to serve as JAKIM representatives abroad. These select bodies are able to monitor and verify the halal status of raw materials and products with responsibility and integrity.

The recognition is based on the capability of the foreign halal certification bodies that comply with the Malaysian procedures & guidelines.

All meat and meat-based products (including poultry) intended for import to Malaysia must be halal certified by the recognised Foreign Halal Certification Bodies. The plants must also be inspected and approved by JAKIM and the Department of Veterinary Services (DVS); and must comply with The Malaysian Protocol for Halal Meat and Poultry Productions and MS 1500 : 2009.

The description of halal for imported food and goods, as stated in Para 5 (1) and (2) of Certification, are as follows:

1. All imported food and goods marketed in Malaysia shall not be described as halal unless the imported food and goods comply with the requirements or certified as halal by the foreign halal certification body recognized by JAKIM.
2. The importer or manufacturer of the food and goods which have been certified as halal by the foreign halal certification body recognized by JAKIM shall mark on the said food and goods, the name of the said certification body.

At an international level, JAKIM has been involved in the following:

1. ASEAN working group on Halal Food (ASEAN);
2. Standards & Metrology Institute for the Islamic Countries (SMICC);
3. Technical Halal Committee MABIMS;
4. Halal Taskforce Working Group on Halal Products and Services (WG HAPAS – IMT – GT);
5. Halal Taskforce Malaysia – Australia (MAACWG);
6. Ad-Hoc Halal Working Group Malaysia – New Zealand (MNZFTA –SPS);
7. CODEX Alimentarius Committee; and
8. World Trade Organization TBT & SPS.

Projects Undertaken (Domestic)

Given that one of its key work ethics revolves around promoting piety and faith, JAKIM has undertaken numerous local projects in support of that. These include:

1. Verify Halal.
2. Smart Halal.
3. Halal Square.

4. Halal Verified Engine.
5. Halal Talent Portal.

Projects Undertaken (International)

Centre of Excellence, Bosnia and Herzegovina.

Recognition and Awards

6. Halal Verified Engine, Winner in ICT Innovation Category, Prime Minister's Office, Malaysia, 2015.
7. Winner, Konvensyen Kumpulan Inovatif & Kreatif (KIK), JAKIM, 2017.
8. Verify Halal, Gold Medal in Innovation Award category, Prime Minister's Office, Malaysia, 2018.
9. World Halal Bestbrands Award, The BrandLaureate, 2019.
10. Asia Halal Brand Awards, 2019.

International Cooperation Programme / Success Stories

11. Halal Professional Board (HPB);
12. Malaysia International Halal Academy (MIHA);
13. International Halal Authority Board (IHAB);
14. Halal International Research Academy (HIRA);
15. Halal Innovation & Technology Centre (HiTEC);
16. Global Halal Summit 2019 (GHaS 2019);
17. Halal Festival JAKIM 2019 (HALFEST JAKIM 2019);
18. Recognised 81 Foreign Halal Certification Bodies & Authorities from 45 Countries;
19. Halal Atase, Australia, 2008 - present;
20. Global Halal Industry Congress, 2019; and
21. Inisiatif Segera Pensijilan Halal Malaysia (ISPHM).

DEPARTMENT OF ISLAMIC DEVELOPMENT MALAYSIA (JAKIM)

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YEAR OF ESTABLISHMENT

1970

NO. OF STAFF

1,409

GEO-COORDINATES

2.916624, 101.682822

AREA OF EXPERTISE

Halal Certification (Domestic and International), Halal Capacity Development Programme, Halal Bilateral/Multilateral Negotiation and International Technical Expert Committee.

STRENGTHS AND ACHIEVEMENTS

Transformation of Islamic affairs management to enhance national awareness.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Development of Smart Quran, SIMPENI and MyHadith.

HALAL DEVELOPMENT CORPORATION BERHAD (HDC)



Halal Industry
Development Corporation

Introduction

The growing Muslim population worldwide and the rising demand by non-Muslims for halal products facilitates the rapid progress of the halal industry. Consumers are now actively seeking and familiarising themselves with halal products and services, which include food and beverages, ingredients, personal care, tourism, healthcare products and services, as well as financial services.



The fourth industrial revolution, known as Industry 4.0, is transforming economies, jobs, and even civilisation itself. These interconnected systems are capable to positively shape the halal industry, efficiently harnessed by halal industry stakeholders.

The development of the halal industry in Malaysia has been given special attention by the Government through various efforts to promote industry growth. Malaysia is seen to have the advantage in developing a holistic industry as it has a complete ecosystem, including physical and institutional infrastructure that seek to support its developmental initiatives.

Area of Expertise

Halal Development Corporation Berhad (HDC) is a central agency under the Ministry of Economic Affairs (MEA).

HDC spearheads Malaysia's vision in developing the halal industry as a powerful market force and bringing to the world the benefits of halal products and services that positively impacts socioeconomic landscapes. The establishment of HDC (previously known as Halal Industry Development Corporation) was initiated on 18th September 2016 to reflect the national agenda for building Malaysia as a hub and most competitive country in the global halal arena.

Strengths and Achievements

1. Main secretariat for The National Halal Industry Development Council/ Majlis Pembangunan Industri Halal (MPIH), chaired by the Deputy Prime Minister.
2. Industry Lead Body (ILB) in terms of producing more Halal Talent and Professionals.



3. Developed Halal Business Transformation (HBT).
4. Establishment of Global Halal Support Centre.
5. Initiated Halal Industry Masterplan 2008-2020.

Projects Undertaken (Domestic)

1. Secretariat for Majlis Pembangunan Industri Halal.
2. Halal Industry Masterplan 2030 (HIMP 2030).
3. Halal Industry Training and Services.
4. Halal Business Transformation Programme (HBT).
5. Halal Malaysia Circuit - a platform promoting Halal Malaysia throughout the country.

Projects Undertaken (International)

1. Halal Sourcing Partnership Programme (HSPP) explores opportunities to become suppliers for multinational corporations (MNCs) and empowering the SMEs in the internationalisation agenda.
2. World Halal Conference (WHC) is a world-renowned annual conference hosting halal stakeholders in unison, to share Malaysia's experiences and expertise as well as deliberate on common challenges facing the industry. It also helps chart the future direction of the global halal industry.

Recognition and Awards

1. Halal Industry Development Achievement Award, Global Islamic Finance Awards, 2016.
2. Global Halal Industry Leadership Award, The 8th World Chinese Economic Summit (WCES), 2016,

3. Leadership in Global Halal Industry Development, Malaysia International Business Awards, 2017.
4. Most Eminent Brand Icon Leadership Award in Halal Industry category, The BrandLaureate, 2017.
5. World Halal Lifetime Achievement Brand Leadership of the Year Award, The BrandLaureate, 2018.
6. The Best Halal Promoter Award, Asia Halal Brand Awards, 2019.

International Cooperation Programme / Success Stories

1. Japan International Cooperation Agency (JICA) collaboration in the area of the development of halal supply chain and eco-system in Japan.
2. Korea Trade-Investment Promotion Agency (KOTRA) to increase investment and expand market access for halal products and services.
3. Indonesia-Malaysia-Thailand Growth Triangle (IMT-GT), Working Group on Halal Products and Services; a focus group with vision to become an integrated, innovative and sustainable sub-region by 2036 through halal products and services.
4. Food Industry Research and Development Institute (FIRDI), a collaboration with Taiwan in assisting the development of halal talent.
5. Member of ASEAN Working Group on Halal Food (AWGHF).
6. Member of Indonesia-Malaysia-Thailand Growth Triangle (IMT-GT).

HALAL DEVELOPMENT CORPORATION BERHAD (HDC)

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YEAR OF ESTABLISHMENT

2006

NO. OF STAFF

110

GEO-COORDINATES

3.146870, 101.617167

AREA OF EXPERTISE

Central agency spearheading Malaysia's vision in developing the halal industry.

STRENGTHS AND ACHIEVEMENTS

Developed Halal Business Transformation (HBT), establishment of Global Halal Support Centre and initiated Halal Industry Masterplan 2008-2020.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Strategic collaboration with Indonesia, Japan, Korea, Taiwan, Thailand and more.

F&B EQUIPMENT SDN. BHD.



Introduction

Founded in 1978, F&B Equipment Sdn. Bhd. is a leading click-and-mortar retailer of excellent commercial kitchen solutions in Southeast Asia. Being Malaysia's leading one-stop solutions provider for the food & beverage industry, F&B Equipment offers a comprehensive range of commercial kitchen equipment and appliances for restaurants, food outlet franchises, cafés, hotels, hospitals and schools.

With over 40 years of industry experience, F&B Equipment assists their clients with equipment, software, robotics and automation for all types of food & beverage businesses. A practitioner of IR4.0 since 2017 and with their extensive experience, clients often turn to the company for advice on automation projects to improve efficiency.

In addition to this, the company also provides one-stop solutions for kitchens with Food Tech-RMS technology, digitalised machines and food processes, operational efficiency methods, professional consultancy for commercial kitchen set-up, and project management for efficient installations and implementations.

With a strong vision to indirectly feed the world a step at a time, F&B Equipment strives in its quest to continue being an industry leader.



Area of Expertise

F&B Equipment's vast and extensive skillsets span across all facets of the industry, including food & beverage equipment, automation, robotics and industry-related software management systems.

Having made in-roads in the industry years ago while it was still fertile ground, F&B Equipment possesses the know-how to continue offering higher standards in commercial kitchen equipment; stringent hygiene and orderly practices; and to better guide food establishments in providing excellent dining experiences. F&B Equipment's objective is to bring the future to the food industry with automation and digitalisation.

In addition to this, with a commitment to keep customers' investments in commercial kitchen equipment at peak productivity and quality levels, F&B

Equipment leverages on its extensive experience in making after-sales service a priority.

Strengths and Achievements

Having been a pioneer in the industry, F&B Equipment has uncountable achievements to boast of. One of its latest is the innovation of smart robots to combine with the Industrial Revolution 4.0 for the improvement of economic growth and sustainable lifestyles.

Interestingly, F&B Equipment is also in the midst of building the nation's first robotic kiosk that brews coffee & serves ice cream. This innovation will not only see sustainable growth but bring delight to many.

Furthermore, in line with its desire to share the company's extensive knowledge and expertise, F&B Equipment conducts regular gastronomic demos, workshops



and training events showcasing advanced equipment and know-how in the areas of Startup Kitchen, Dessert and Beverage and Cook Chill Solutions.

Projects Undertaken (Domestic)

Some of the local projects undertaken include:

1. Bangi Golf Resort: central kitchen solution.
2. Genting Resort: supplied kitchen solutions via third parties.
3. Kyochoon: provided kitchen solutions for primary and subsequent outlets throughout Malaysia.
4. The Chicken Rice Shop: provided kitchen solutions for primary and subsequent outlets throughout Malaysia.

Projects Undertaken (International)

Via its network of more than 100 dealers, F&B Equipment have serviced the likes of Shangri-La Hotel, Marriot Hotel Group, Hilton Hotel Group, Genting Group and 7-Eleven.

Recognition and Awards

Having been in the industry for over 4 decades, F&B Equipment has been the recipient of numerous awards, including:

1. Best Performance Award, Lainox, 2017.
2. Most Innovative Services, MIHAS Awards, 2019.
3. Most Loyalty Support, FHM, 2019.

International Cooperation Programme / Success Stories

F&B Equipment has been involved in an extensive number of programmes with many success stories to boast of. Among these are:

4. Bangi Golf Resort: central kitchen solution.
5. Mas Awana: central kitchen solution and automation on ready-to-eat line.
6. Selangor NGOs & State Government: Affordable Meal Programme.

F&B EQUIPMENT SDN. BHD.

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YEAR OF ESTABLISHMENT

1978

NO. OF STAFF

70

GEO-COORDINATES

3.030367, 101.615729

AREA OF EXPERTISE

Malaysia's leading one-stop solutions provider for commercial kitchen solutions and appliances for restaurants, food outlet franchises, cafés, hotels, hospitals and schools.

STRENGTHS AND ACHIEVEMENTS

40 years of industry experience in F&B Equipment software, robotics and automation in any type of food & beverage business.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Undertaken projects for Bangi Golf Resort and Kyochoon, as well as serviced Shangri-la Hotel, Marriot Hotel Group, Hilton Hotel Group, Genting Group and 7-Eleven via its network of more than 100 dealers.

SERUNAI COMMERCE SDN. BHD. (SERUNAI COMMERCE)



Introduction

Formed in 2009, Serunai offers a range of products and services designed to enhance the global Halal marketplace's connectivity and transparency. In the wake of increasing demand in Halal products in both local and international markets, Serunai has taken the opportunity to apply its expertise and talents towards creating digital platforms to interconnect Halal producers and consumers globally.

Area of Expertise

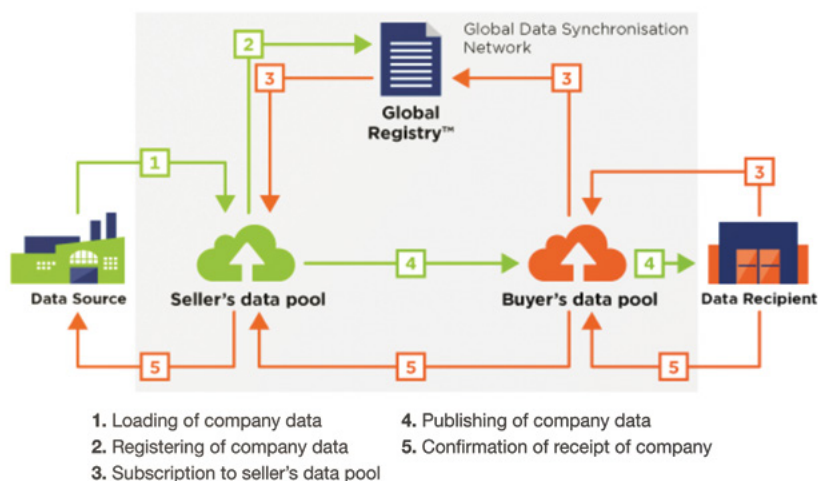
Serunai has successfully been involved in the development and management of various technology-based platforms for the Halal market.

Strengths and Achievements

The 'Verify Halal™' application developed by Serunai has extended its network to numerous other global halal certification bodies that the Department of Islamic Development Malaysia (JAKIM) recognises such as those in Austria, Bosnia, India, Indonesia, Japan, New Zealand, Philippines, South Africa, Sri Lanka, Taiwan and many more. It enables connectivity to more than 79 Halal Certification Bodies across the globe.

Projects Undertaken (Domestic)

- 1. Interconnecting the Halal Community Globally through Global Halal Data Pool™**



Global Halal Data Pool (GHDP) is a certified data pool which allows users (suppliers, manufacturers and distributors etc.) to upload their product information and synchronize it with their trading partners on a global level.

In December 2015, Serunai launched the world's first Global Halal Data Pool (GHDP), an online platform that consolidates the data of companies, products and supply chain details and interconnects them to 40,000 Halal suppliers and buyers globally, while simultaneously providing real-time verification, transparency and traceability.

2. Verify Halal™

Verify Halal™ is a smartphone application endorsed by JAKIM, developed to empower consumers and retailers with the ability to instantly verify the Halal accreditation of a product by simply scanning a barcode or QR Code via their smartphones. The application is

synchronised directly with JAKIM's database. Verify Halal™ also allows consumers to make informed decisions when shopping for their Halal products. Consumers can either scan or search for a product by brand, company or country of their choice.

3. Halal Digital Chain – HADIC™

HADIC™, aims to create an integrated and secure digital halal ecosystem with the use of Blockchain technology. It helps make Halal compliance more traceable with technology that quickly confirms halal compliance at each stage of production, eliminating fraud.

4. Halal Centre of Excellence, Halal COE™

Halal COE™ assists new applicants of Malaysia Halal Certification by providing Halal training programmes and Halal consultancy. It connects local and international markets and aims to also bridge the gap that exists between Halal suppliers and consumers.

5. Certification Bodies Management System (CBMS)

Certification Bodies Management System (CBMS) is a user-friendly system for all certification bodies recognised by JAKIM under the International Halal Authority Board (IHAB).

6. Verify Halal Food Safety System (VHFSS)

VHFSS assists brand owners in maintaining their internal audits, Halal assurance records, procurement information, ingredients, and most importantly, Halal validity.

7. Halal Trading House

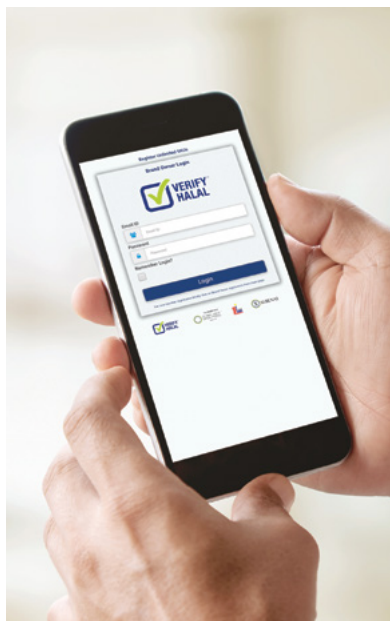
Halal Trading House enables brand owners and SMEs in exporting their products effortlessly.

Projects Undertaken (International)

The Verify Halal™ network extends to other halal certification bodies around the world that are recognised by JAKIM. In addition to that, the application is used across 3,000 cities in over 140 countries. To date, Verify Halal™ has the information of close to 30,000 companies in its database with more than 1.5 million in total number of SKUs (Stock Keeping Unit).

Recognition and Awards

1. 'Verify Halal™', Gold Medal, Anugerah Inovasi Jabatan Perdana Menteri.
2. Award, High Impact Programme 2



(HIP2) SUCCESS SHOWCASE.

International Cooperation Programme / Success Stories

Serunai's Halal Technology initiative has garnered the endorsement of the Malaysian Government, and it has been in close collaboration with key Malaysian Ministries and Agencies such as the Prime Minister's Department (Religious Affairs), Ministry of International Trade and Industry (MITI), Ministry of Science, Technology and Innovation, SME Corporation Malaysia, Halal Industry Development Corporation, Department of Standards Malaysia and GS1, a not-for-profit organisation that develops and maintains global standards for business communication.

SERUNAI COMMERCE SDN. BHD.
(SERUNAI COMMERCE)

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YEAR OF ESTABLISHMENT

2009

NO. OF STAFF

22

GEO-COORDINATES

3.047325, 101.686882

AREA OF EXPERTISE

Development and management of various technology-based platforms for the Halal market.

STRENGTHS AND ACHIEVEMENTS

The world's first Global Halal Data Pool (GHDP), an online platform that consolidates the data of companies, products and supply chain details and interconnects them to 40,000 Halal suppliers and buyers globally, while simultaneously providing real-time verification, transparency, and traceability.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Serunai's Verify Halal™ application is used in over 3,000 cities across 140 countries, allowing consumers and retailers to verify a product's Halal accreditation by scanning a barcode or QR Code.



MEDICAL

MEDICAL

Health Care
Doctor
Hospital
Pharmacist
Nurse
Dental
First Aid
Surgeon
Emergency

Health Care
Doctor
Hospital
Nurse
Dental
First Aid
Emergency

- 92** Institute for Medical Research Malaysia (IMR)
- 94** Malaysia Healthcare Travel Council (MHTC)
- 96** AIME Healthcare Sdn. Bhd. (AIME)
- 98** Ai4 Good Sdn. Bhd.
- 100** Centre for Biomedical and Technology Integration (CBMTI) Sdn. Bhd.
- 102** DuoPharma Biotech Berhad (DuoPharma)
- 104** Health4u Solutions Sdn. Bhd. (BookDoc)
- 106** Radicare (M) Sdn. Bhd. (Radicare)

Healthcare and Pharmaceutical

The healthcare industry is an important sector that has been identified by the Government of Malaysia as a key economic growth contributor. There are four main focuses: healthcare tourism, medical devices, medical gloves and pharmaceuticals.

Healthcare tourism is spearheaded by Malaysia Healthcare Tourism Council (MHTC) to drive growth strategy and promotional activities. There are over 70 hospitals taking part in supporting the healthcare tourism initiative which generates an estimated RM1.5 billion in travel revenues.

Malaysia was ranked in the top 10 tourist destinations by the United Nations World Tourism Organisation (UNWTO) and 3rd best place to retire in the world. In addition to being awarded 3rd place in the healthcare category as among the world's best and most affordable by International Living, an expatriate lifestyle guide and magazine; Malaysia has emerged as one of the top performing countries within the Asia Pacific (APAC) region. The Global Market Report ranks Malaysia as the world's top healthcare travel destination by value, ahead of USA and South Korea.

Emerging as one of the new areas for development and promotion is the medical devices industry, which has registered significant growth together with the Government's efforts to provide quality health and medical services. Malaysia's total export of

medical devices have amounted to over RM23 billion. Major export markets for this area were Belgium, Germany, Japan, Singapore and USA.

Malaysia is currently the world's leading producer and exporter of catheters and surgical and examination gloves, supplying 80% of the world's market for catheters and 60% for rubber gloves. Other exports of medical devices, which registered strong growth, included cannula, needles, medical & surgical instruments as well as orthopaedic appliances.

Owing to a conducive manufacturing ecosystem, Malaysia has become the preferred destination to invest in medical devices manufacturing.

Malaysia also produces various generic drugs for local consumption and exporting purposes. Exports are regulated and controlled by the National Pharmaceutical Regulatory Agency (NPRA). Apart from that, Malaysia has become a leading country to practice and accept halal pharmaceuticals through the establishment of the Halal Pharmaceutical General Guidelines MS 2424 2012 by Standard Malaysia, a national standards and accreditation body.

Malaysian pharmaceutical exports have amounted to over RM1.7 billion of which key markets included Belgium, Brunei, China, Indonesia, Singapore and USA.

MEDICAL

MEDICAL

Health Care
Doctor
Hospital
Pharmacist
Nurse
Dentist
First Aid
Surgeon
Emergency

INSTITUTE FOR MEDICAL RESEARCH (IMR)



Introduction

The Institute for Medical Research (IMR) was established in 1900 based on recommendation by Sir Frank Athelstane Swettenham, the Resident-General of the Federated Malay States. The vision for IMR was to carry out research into the causes, treatment and prevention of scourges such as beri-beri, malaria, dysentery, small pox, cholera, plague, rabies and other endemic, sporadic, infectious and contagious diseases. Over the years, this research expanded to include non-communicable diseases, cancers, herbal medicine and pre-clinical drug discoveries.

Area of Expertise

IMR has 8 key areas of specialties, namely the Specialist Diagnostic Centre (SDC), Infectious Disease Research Centre (IDRC), Allergy and Immunology Research Centre (AIRC), Nutrition,

Metabolic and Cardiovascular Research Centre (NMCRC), Cancer Research Centre (CaRC), Environmental Health Research Centre (EHRC), Herbal Medicine Research Centre (HMRC) and Special Resource Centre.

Strengths and Achievements

Over the years, IMR has conducted research projects of national and international standing through collaborators in Malaysia and overseas. IMR's researchers publish in national and international journals and provide consultancies globally.

There were 59, 76 and 82 research projects as well as 113, 96 and 124 publications in the years 2016, 2017 and 2018 respectively. In 2018, IMR staff provided 410 consultancies at the national level and 63 at regional and international levels.

IMR also provides 450 different specialised diagnostic tests through 30 different laboratories accredited by the Department of Standards Malaysia (DSM).

Additionally, IMR conducts postgraduate courses such as the Diploma in Applied Parasitology and Entomology (DAP&E) and Diploma in Medical Microbiology (DMM). In 2018, IMR provided attachments for 702 scientists, medical doctors and allied personnel from other departments, local and foreign institutes.

Projects Undertaken (Domestic)

Projects in IMR are clustered into 4 groups carried out under the Ministry of Health Research Grant. In 2018, there were 39 projects under Burden of Disease (BOD), 3 projects under Non-Communicable Disease (NCD), 13 under Sustainable Environment and Climate Change (SECC) and 27 under Biomedical.

Projects Undertaken (International)

In the international arena, 2 international projects were undertaken in recent years via extramural collaboration:

1. Wolbachia based control of virus transmission by the mosquito *Aedes albopictus*.
2. Genetic, lipid and other risk factors in early-onset acute myocardial infarction in Malaysia.





INSTITUTE FOR MEDICAL RESEARCH (IMR)

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YEAR OF ESTABLISHMENT

1900

NO. OF STAFF

664

GEO-COORDINATES

3.169118, 101.698780

AREA OF EXPERTISE

Research into the causes, treatment and prevention of scourges, endemic, sporadic, infectious and contagious, non-communicable diseases, herbal medicine and pre-clinical drug discoveries.

STRENGTHS AND ACHIEVEMENTS

Substantial research projects of national and international standing.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

10 Centres of Excellence including 3 WHO Collaborating Centres.

Recognition and Awards

Having been in the industry for over a century, IMR's achievements speak for itself. Amongst some of the awards and recognitions received in 2017 and 2018 include:

1. Dr. Lee Jong-Wook Memorial Prize for Public Health, 2018.
2. 'A Duplex Real Time Polymerase Chain Reaction Assay for Rapid Diagnose of Leptospirosis', Silver Medal, 2018.
3. 'Organ Transplant and Encephalitis Quick and Accurate Diagnosis Using Herpes Viruses Fourplace', Bronze Medal, 2018.
4. 'IMR Forensic Entomology Kit to Improve the Quality of Crime Scene Investigation (CSI)', Bronze Medal, 2018.
5. 'Salt Iodate Micro-Method (SIMM) Kit', Bronze Medal, 2018.
6. 'Genetic, Lipid and other risk factors in early-onset Acute Myocardial Infarction', Newton-Ungku Omar Fund Award, 2017.
7. National Intellectual Property Award, 2017.
8. Silver Medal, 28th International Invention, Innovation and Technology Exhibition, 2017.

International Cooperation Programme / Success Stories

IMR boasts of 10 Centres of Excellence including 3 World Health Organisation (WHO) Collaborating Centres:

1. SEAMEO-TROPMED Regional Centre for Microbiology, Parasitology and Entomology.
2. WHO Collaborating Centre for Taxonomy Immunology and Chemotherapy of Brugian Filariasis.
3. WHO Collaborating Centre for Ecology, Taxonomy and Control of Vectors of Malaria, Filariasis and Dengue.
4. WHO Regional Centre for Research and Training in Tropical Diseases and Nutrition.
5. Prototype of Herbal InfoHub.
6. Secretariat for the National Committee for Research and Development of Herbal Medicine.
7. WHO Western Pacific Region Index Medicus (WPRIM) Project.
8. Global Information Hub on Integrative Medicine.
9. National Focal Point for the WHO Collaborative Surveillance Programme on Antibiotic Resistance in the Western Pacific Region.
10. Secretariat for the Inter-Islamic Network for Tropical Medicine.
11. WHO National Polio virus Laboratory.
12. WHO National Influenza Centre.

MALAYSIA HEALTHCARE TRAVEL COUNCIL (MHTC)



Introduction

Malaysia Healthcare Travel Council (MHTC) is an agency under the Ministry of Finance tasked to facilitate and promote the healthcare travel industry in Malaysia. It undertakes this by coordinating industry collaborations and building valuable public-private partnerships, locally and abroad.

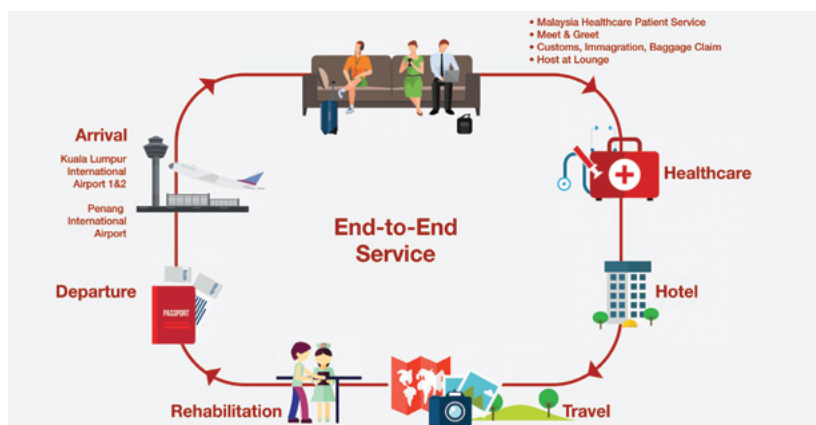
Initially established in 2005 to promote the nation's fledgling healthcare travel industry, it was later launched as a formal entity within the Ministry of Health (MOH) in 2009. It was eventually incorporated as a standalone entity in 2011, allowing it greater operational flexibility to expand its credentials. In the same year, MHTC also introduced the brand "Malaysia Healthcare" for the nation's healthcare travel industry with the tagline "Quality Care for Your Peace of Mind".

Area of Expertise

Having been in the healthcare frontline for over a decade, MHTC's expertise is far and wide. This encompasses promoting Malaysia as a healthcare travel destination globally; and facilitating the development and growth of the local healthcare travel industry.

Strengths and Achievements

In its objective to facilitate the industry's sustainability, MHTC diligently promotes Malaysian healthcare as world-class



quality, affordable, and easily accessible, combined with Malaysia's position as a global halal hub and tourist haven. These efforts have seen a substantial inflow of foreigners seeking healthcare treatment over the years.

Projects Undertaken (Domestic)

In its capacity to facilitate growth of the nation's healthcare travel industry, MHTC has engaged in a number of initiatives locally, including:

1. Social Media and Branding Workshops for Member Hospitals;
2. Speaking Engagements in various International Industry Events;
3. Medical Travel Market Intelligence Conference "insigHT", 2018 and 2019;
4. Establishment of third Malaysia Healthcare Lounge at KLIA2;
5. Launch of Malaysia Year of Healthcare Travel 2020 (MyHT2020 Campaign);

6. Medical Travel Media Awards (MTMA), 2019;
7. MoU with Malaysia Airlines Berhad (MAB);
8. Participation in international tourism travel mart with Tourism Malaysia and MATRADE;
9. ShareMyExperience (SMX) Campaign;
10. Dialogue Sessions with Minister of Finance and CEO of Elite Hospitals;
11. Publication of Industry Report 2009-2019; and
12. Development of Industry Blueprint 2020-2025.

Projects Undertaken (International)

On the global front, MHTC has taken extensive effort in promoting Malaysia's healthcare travel industry. Among these initiatives include:

1. Establishment of Malaysia International Referral Centres in Chengdu and Huangzhou;



MALAYSIA HEALTHCARE TRAVEL COUNCIL (MHTC)

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WEBSITE

www.malaysiahealthcare.org

YEAR OF ESTABLISHMENT

2009

NO. OF STAFF

80

GEO-COORDINATES

3.130414, 101.682753

AREA OF EXPERTISE

Promoting Malaysia as a healthcare travel destination globally and facilitating the development and growth of the local healthcare travel industry.

STRENGTHS AND ACHIEVEMENTS

In 2018, 1.2 million travellers visited Malaysia for medical tourism.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Experienced positive growth from 2011 to 2018, with nearly 50% growth in healthcare traveller volume. Extensive collaboration and partnerships with China, Bangladesh, Brunei, Indonesia, Vietnam and Myanmar.

- | | |
|--|--|
| <ol style="list-style-type: none"> 2. IDI National Seminar “Dokter Indonesia 4.0”; 3. Establishment of MHTC Representative Office in Vietnam; 4. B2B Strategic Partnerships with banks in Indonesia; 5. Strategic partnership with health facilitators and travel agents in Bangladesh, Brunei, China, Myanmar and Vietnam; 6. Health Talks with member hospitals in China, India, Indonesia, Myanmar and Vietnam; 7. International Media & Partner Familiarisation Visits; 8. Malaysia Healthcare Exhibitions (MHX, MHP) in Bangladesh, Brunei and Indonesia; 9. Premium Health Talks in China, India, Indonesia, Myanmar and Vietnam; and 10. Collaboration with Key Influencers in Brunei and Indonesia. | <ol style="list-style-type: none"> 3. Cluster of the Year in Health and Medical Tourism category, International Medical Travel Journal Awards, 2017 and 2019. 4. MasterCard – CrescentRating Global Muslim Travel Index, 2017-2019. 5. Asia Pacific Healthcare & Medical Tourism Awards, 2018 and 2019. |
|--|--|

International Cooperation Programme / Success Stories

MHTC possesses an extensive list of collaborative efforts. These include:

1. MoU with Ikatan Dokter Indonesia (IDI);
2. MoU with AirAsia Indonesia;
3. MoU with Malaysia Airlines Berhad (MAB);
4. MoU with Traveloka Indonesia;
5. MoU with international strategic partners – Flywire International and EMA Global;
6. Collaboration in healthcare treatment programs between 3 Malaysian hospitals and 3 Vietnamese hospitals;
7. B2B Strategic Partnerships with banks in Indonesia; and
8. Strategic partnership with health facilitators and travel agents in Bangladesh, Brunei, China, Myanmar and Vietnam.

Recognition and Awards

For its tireless efforts and significant achievements, MHTC has been recognised and awarded with the following:

1. Best Country in the World for Healthcare, International Living (Global Retirement Index), 2017-2019.
2. Destination of the Year in Health and Medical Tourism category,

AIME HEALTHCARE SDN. BHD. (AIME)



Introduction

Recognising the need to move fast and engage epidemic outbreaks with more precision and agility, AIME is a name that is quickly making headway in the healthcare industry. With the ingenious use of technology, AIME's proficiency employs Artificial Intelligence to predict a possible outbreak and pinpoint its probable location.

AIME is the vision of three passionate young professionals who were looking to solve major global health challenges by leveraging on Data Science and Artificial Intelligence (AI). Since 2017, AIME has provided public health decision-makers around the world with insights and intelligence through state-of-the-art innovation such as Big Data Analytics and AI technology.

After years of intensive research in epidemiology and data science, AIME's flagship platform – Ai.RBO, an AI specifically for Arboviral Diseases, was created. It is capable of predicting disease outbreaks 30 days in advance with an accuracy of 80% and above, making it the first breakthrough technology platform in epidemiology and data science.

What first began as a pilot project to predict the Zika outbreak during the Rio Olympics in Brazil in 2016 has now evolved into a full-featured AI platform that assists public health professionals worldwide in tackling multiple mosquito-borne diseases such as Dengue and Chikungunya. In early 2019, AIME finalised its product conception that utilises AI to tackle even more important public health issues such as Antibiotic Resistance and Health System Surveillance.

Moving forward, AIME's mission is to become the sole global reference centre for diseases & epidemic predictions.

Area of Expertise

AIME is dedicated towards augmenting public health initiatives through Big Data Analytics, Machine Learning & Artificial Intelligence, System Integration and Consultancy.

Strengths and Achievements

Spearheaded by internationally renowned experts in the disciplines of AI, public health, telematics and policymaking, Rainier Mallol and Dr. Helmi Zakariah – who possess several decades worth of combined knowledge and skillsets in this specific field – have together spurred AIME's integrity and dynamism towards the ranks of international recognition.



AIME's professional viewpoints have been sought by global organisations such as the United Nations, World Health Organisation, Royal Institute of International Affairs, London (Chatham House) as well as the World Economic Forum.

Projects Undertaken (Domestic)

AIME has been instrumental in aiding local health professionals in the following areas:

1. AI Disease Surveillance for Dengue Outbreak (Ai.RBO), Penang, Malaysia 2018;
2. AI Disease Surveillance for Dengue Outbreak (Ai.RBO), Malaysia, 2018; and
3. AI Surveillance for AMR (Antibion), Malaysia, 2019.

Projects Undertaken (International)

AIME has assisted international health professionals during the following epidemics:

1. AI Disease Surveillance for Zika Outbreak (Ai.RBO), Brazil, 2017; and
2. AI Disease Surveillance for Dengue Outbreak (Ai.RBO), Manila, 2017.

Recognition and Awards

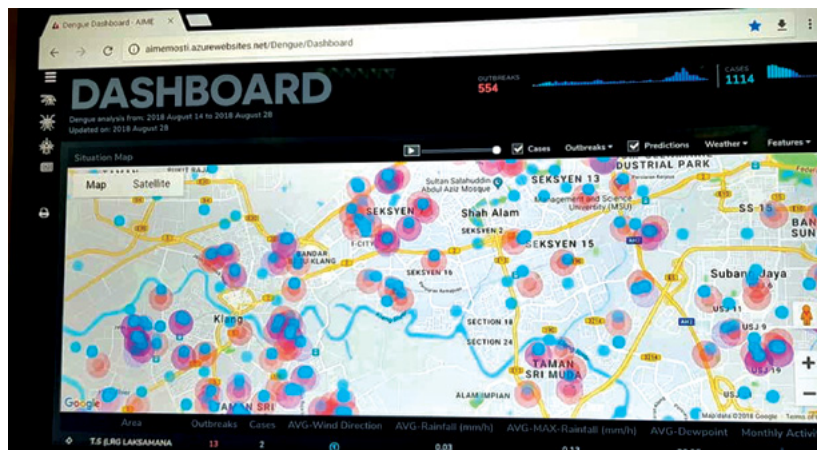
Shortly after its conception, AIME has been quick to address incidences of sporadic

outbreaks through its expertise and technology, gaining numerous accolades and recognition. These include:

1. UN Young Leader for the Sustainable Development Programme, 2016.
2. MIT Innovator under 35, 2017.
3. Forbes Top 40 World Changers.
4. Young Health Innovator, Harvard School of Public Health.
5. Royal Institute of International Affairs, London (Chatham House), 2018.
6. Tic Latin America, 2018.
7. UN Young Leader Award, 2017.
8. UN SDG Award, 2017.
9. Forbes Top 40 World Changers, 2017.
10. Clinton Foundation, 2016.
11. Pistoia Mini Startup Challenge, awarded by King's College London, 2016.

International Cooperation Programme / Success Stories

AIME's Ai.RBO has been deployed for use in Brazil and Manila, with inroads gaining ground in Laos, the Philippines and Vietnam. It has also recently established a collaboration with Mitsubishi Science & Consulting Group towards developing solutions to address Antimicrobial Resistance.



AIME HEALTHCARE SDN. BHD. (AIME)

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WEBSITE

www.aime.life

YEAR OF ESTABLISHMENT

2017

NO. OF STAFF

7

GEO-COORDINATES

3.119453, 101.674137

AREA OF EXPERTISE

Offering Artificial Intelligence systems capable of predicting possible disease outbreaks and pinpointing its probable location in timely manner.

STRENGTHS AND ACHIEVEMENTS

Proficiency in predicting disease outbreaks 30 days in advance at the accuracy of 80% and above.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Expert panel for United Nations agencies, Royal Institute of International Affairs (Chatham House), and World Economic Forum. Co-chair of World Health Organisation/ ITU Working Group for AI in Health. Working Group of European Commission for AI Surveillance of Emerging Disease. Co-operation taskforce with Mitsubishi-UFJ Global Health Centre, Japan.

AI4GOOD SDN. BHD.



Introduction

Artificial Intelligence (AI) is an area of computer science, which emphasises the creation of intelligent machines that work like humans. Some of its abilities consist of machine learning, speech recognition and functioning as virtual personal assistants. The use of AI enables companies to cut down on human resource costs, increasing efficiency and accuracy in carrying out laborious activities. Akin to the industrial revolution, computer age and smartphone revolution, AI is considered to be the next big technological shift.

Envisioned as a Data Science and Artificial Intelligence (AI) solution expert, AI4 Good was established in 2018 to tackle the global sustainability agenda as outlined in the United Nations Sustainability Development Goals (SDGs). By leveraging on data science and AI, AI4Good seeks to uplift the livelihood of Malaysia's low-income society, empower sustainable agriculture practices in Southeast Asia, and mitigate gender-based violence in South America. Besides this, it also takes stock of the growth opportunities emerging from the 4th Industrial Revolution, while remaining committed to the use of AI power for the greater good.



Working under the umbrella of its sister-company, AIME, its mission includes becoming the global reference centre for diseases and epidemic predictions.

Area of Expertise

Comprising a talented team of experts curated from various disciplines including public health, international diplomacy, telematics, data science, public relations and pharmaceuticals, AI4Good is a goldmine of extensive knowledge and innovative ideas. Making in-roads in the area of AI, its prime expertise includes big data analytics, machine learning & artificial intelligence, system integration and AI consultancy.

Strengths and Achievements

Being at the forefront of technological advancement, AI4 Good has positioned itself on the track for success.

In 2018, it partnered with leading data analytics company JALA on creating sustainable farming solutions for shrimp farmers in Indonesia. Leveraging on the usage of smart sensors combined with a powerful cloud-based AI engine, it successfully delivered real-time monitoring data, rectification recommendations, and productivity projections for the shrimp farming industry. JALA's data-driven farming solution is now deployed for use both in Indonesia & Malaysia.



Besides this, AI4Good is also concentrating on custom-made data science and machine learning development. Whilst industries and governments across the globe have an inherent need to collect and analyse data to facilitate decision-making, the information is usually convoluted and difficult to decipher. As such, AI4Good seeks to offer consultation and development services to help beginner entities venture into this promising arena of AI data analytics.

In moving forward, AI4Good also seeks to work on developing AI.griculture technology which is AI-driven precision

agriculture. A machine-learning solution that not only provides sophisticated analysis on where to grow, it also analyses the best crop to grow on the designated land parcel for the best yields.

Projects Undertaken (Domestic)

While being an organisation still in its infancy, AI4Good has successfully embarked on 3 major projects:

1. Created a data-driven sustainable shrimp farming solution with JALA, Indonesia, 2018;
2. PERKESO (Social Security Organisation), 2019; and
3. EAGLE EYE, 2019.

International Cooperation Programme / Success Stories

AI4Good's partnership with JALA in the development of a water-probe sensor device that measures dissolved oxygen, temperature, pH, salinity and total dissolved solids has successfully transformed the shrimp farming industry in Indonesia. This device provides accurate and timely data which allows for better management of water conditions in shrimp farms, thus optimising the sector's performance.

AI4GOOD SDN. BHD.

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WEBSITE

www.ai4good.com

YEAR OF ESTABLISHMENT

2018

NO. OF STAFF

4

GEO-COORDINATES

3.118956, 101.673981

AREA OF EXPERTISE

Data Science and Artificial Intelligence (AI) solutions expert.

STRENGTHS AND ACHIEVEMENTS

Leveraging on the usage of smart sensors combined with a powerful cloud-based AI engine, it successfully delivered real-time monitoring data, rectification recommendations, and productivity projections for the shrimp farming industry.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Projects with JALA (created sustainable farming solutions for shrimp farmers in Indonesia), PERKESO and EAGLE EYE.

CENTRE FOR BIOMEDICAL TECHNOLOGY INTEGRATION (CBMTI) SDN. BHD.



Introduction

Centre for Biomedical Technology Integration or CBMTI Sdn. Bhd. is a research and development based company specialising in 3-dimensional biomodelling and product design.

Established in May 2011 as a start-up by University Malaya, CBMTI is located in the Institute of Postgraduate Studies, University Malaya, Kuala Lumpur. The centre's first project was the creation of customised implants for the replacement of skulls removed during surgery (for cases of trauma and tumours) and reconstruction of facial defects.

Today, CBMTI projects include customised titanium implants, maxillofacial reconstruction, spine bio model, frame bio model, bio model slotter, maxillofacial model and MEDCOM OR (a medical communication system in Operating Rooms).

With a multi-disciplinary team, CBMTI has exploited 3D printing, Artificial Intelligence (Ai) and Big Data Analytics technology to its utmost potential. But where CBMTI truly stands out is in creating clinically impactful, sophisticated training simulators for Industry 4.0 technology.



Area of Expertise

The company currently focuses on research. Its current projects include customised titanium implants for cranial and maxillofacial reconstruction, spine biomodel, frame biomodel, biomodel slotter, maxillofacial model, and MEDCOM OR, a medical communication system for Operating Rooms. The current team comprises of computer science and engineering professionals.

The company participates in conferences and conducts workshops and seminars on the implementation of Virtual Reality in healthcare.

It also offers:

1. Consultancy services in development of devices and tools
2. Development of prototypes (from computer models to steel/titanium)

3. Production of devices/tools requiring small volume production
 - i. Titanium plates
 - ii. Surgical Head
4. 3D printing services
 - iii. Powder Based
 - iv. Multi material
 - v. Bio-compatible material
 - vi. ABS material
5. Development of Customised Titanium Implants for Cranial and Maxillofacial Reconstruction
6. 3D Scanner services (Coming soon)

Strengths and Achievements

1. Team of skilled 3D medical prototype designers for the purpose of designing and improvising surgical tools and models.
2. Patient specific 3D printed models ready for surgical procedures.



CENTRE FOR BIOMEDICAL TECHNOLOGY INTEGRATION (CBMTI) SDN. BHD.

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YEAR OF ESTABLISHMENT

2011

NO. OF STAFF

15

GEO-COORDINATES

3.124320, 101.659447

AREA OF EXPERTISE

Research and development specialising in 3-dimensional biomodelling and product design and software development for medical communication systems.

STRENGTHS AND ACHIEVEMENTS

Customised titanium implants for cranial and maxillofacial reconstruction, spine biomodel, frame biomodel, biomodel slotter, maxillofacial model, and medical communication system for the Operating Room.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Collaboration with University of Cambridge, UK on projects involving long-distance management of severe head injuries.

3. Generic models for each discipline for the purpose of patient understanding (digital marketing/subliminal for private hospitals).
4. Customised complex fabricated implants with a turnaround time of 4 days.
5. Creation of Models, which includes: Neurosurgery (pathmodz), Dental (dentalmodz), Infant (babymodz), Training Models (biomodz) and Implants for Cranioplasty (Implantz).
6. Teaching and training programmes certified by UM (University Malaya) for school children.
7. Medical communication device (MEDCOM) constructed on a module base to cater for specific Operating Room functions to enhance patient recovery and outcome.
5. Gold Medal, Bio-Innovation Award for Surgical Volumetric Biomodels Of The Human Anatomy (SVBMHA) 2013/2014.
6. International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA), Malaysia, 2013.
7. Gold Medal; Special Award, Cyber International Genius Inventor Fair (CIGIF), Korea, 2014.
8. Malaysia Technology Expo, 2010.
9. Malaysia Innovative Products Award, International Invention, Innovation & Technology Exhibition (ITEX), 2009.
10. BIOINNO Award, 2009.

International Cooperation Programme & Success Stories

1. International collaboration with University of Cambridge, UK on a project involving long-distance management of severe head injuries.
2. Collaboration with Stratasys to create biomodels. CBMTI uses Stratasys' PolyJet 3D Printing technology to deliver a range of services including custom medical implants, prototypes for new devices and patient-specific models for surgical planning.
3. Featured in NewsScientist, a weekly London-based English-language magazine that covers all aspects of science and technology.

Projects Undertaken (Domestic)

Hospital Kuala Lumpur (Women and Child)
- Digital Operating Room System.

Recognition and Awards

1. GLOBAL INITIATIVE ON NEUROTRAUMA, Neurosurgery, Cambridge University, 2018.
2. Gold; Bronze, PENCIPTA Malaysia, 2013-2014.
3. Excellence Award, University Malaya, 2014.
4. R&D Completion Certificate, Malaysia Ministry of Science, Technology and Innovation.

DUOPHARMA BIOTECH BERHAD (DUOPHARMA)



Introduction

Duopharma Biotech was incorporated in the year 2000 and is today one of Malaysia's leading pharmaceutical companies listed on the Main Market of Bursa Malaysia Berhad. Duopharma Biotech has core competencies in the pharmaceutical industry which includes Manufacturing, Research & Development and Commercialisation & Marketing of over 300 generic drugs and consumer healthcare products such as Omesec, Prelica, CHAMPS®, FLAVETTES®, PROVITON® and Uphamol, which are well-recognised and accepted by consumers in Malaysia, regionally and globally.

The Company has also diversified into the biosimilars space with technology and commercialisation collaborations with credible and strong international partners.

Duopharma Biotech owns and operates three manufacturing plants that are based in Klang, Bangi and Glenmarie, Selangor with subsidiary and representative offices in Indonesia, the Philippines and Singapore.



Area of Expertise

1. Generic pharmaceuticals Manufacturing.
2. Generic pharmaceuticals Research & Development.
3. Pioneer in Halal Pharmaceuticals.

Strengths and Achievements

Manufacturing facilities licensed by the National Pharmaceuticals Regulatory Authority (NPRA) Malaysia and fully compliant with Good Manufacturing Practice (GMP) guidelines of the Pharmaceutical Inspection Co-operation Scheme (PIC/S) and requirements of World Health Organisation (WHO) and Therapeutic Goods Administration Australia (TGA).

Halal Certified by Department of Islamic Development Malaysia (JAKIM) and Lembaga Pengkajian Pangan Obat-obatan dan Kosmetika Majelis Ulama Indonesia (LPPOM MUI).

Projects Undertaken (Domestic)

1. **2015**
 - vii. Small Volume Injectable (SVI) plant.
 - viii. Joint Phase-3 clinical study for biosimilar in Malaysia and Korea.
2. **2017**

Set up of effervescent manufacturing facility and Haemo plant for hemodialysis solution.

3. 2018

Installed Malaysia's 1st biological pre-filled syringe line to manufacture biosimilar.

4. 2019

Completed and commissioned Malaysia's first Highly Potent Active Pharmaceutical Ingredients facility for the production of oncology and psychotropic drugs.

Projects Undertaken (International)

Established partnerships with Natco (India), Biocon (India), Becton Dickinson, SCM Lifescience (Korea) and PanGen Biotech (Korea).

Recognition and Awards

1. Halal Brand Excellence Award, Halal Industry Development Corporation, 2019.
2. Best Companies to Work for in Asia, HR Asia, 2018.
3. Flavettes; Champs; Naturalle, Watsons Health, Wellness & Beauty Awards, 2018.
4. Halal Pharmaceutical Company of the Year, Frost & Sullivan, 2018.
5. Malaysia Pharmaceutical Company of the Year in Generics category, Frost & Sullivan, 2018.
6. Champs, Malaysia Health & Wellness Brand Awards, 2017.
7. Halal Pharmaceutical Company of the Year in Prescription Pharmaceuticals



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(Group Managing Director)

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WEBSITE

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YEAR OF ESTABLISHMENT

1979

NO. OF STAFF

1,741

GEO-COORDINATES

3.152473, 101.710312

AREA OF EXPERTISE

Manufacturing, Research & Development and Commercialisation & Marketing of over 300 generic drugs and consumer healthcare products.

STRENGTHS AND ACHIEVEMENTS

Licensed by the National Pharmaceuticals Regulatory Authority (NPRA) Malaysia with facilities compliant with Pharmaceutical Convention and Cooperation Scheme (PIC/S), World Health Organisation (WHO) and Therapeutic Goods Administration Australia (TGA) requirements.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Subsidiary and representative offices in Indonesia, the Philippines and Singapore.

- category, Frost & Sullivan, 2017.
8. World's First Halal Certification for Prescriptive Medicine based on MS2424:2012, Jabatan Kemajuan Islam Malaysia Award of Achievement, Permodalan Nasional Berhad (PNB), 2017.
 9. Corporate Governance Recognition, MSWG (Minority Shareholder Watchdog Group) ASEAN, 2017.
 10. Naturalle, Watsons Health, Wellness & Beauty Awards, 2017.
 11. Flavettes Vitamin C, Watsons Health, Wellness & Beauty Awards, 2017.
 12. Outstanding Brands Award in Kid's Supplement category, Guardian, 2017.
 13. Best Companies To Work For In Asia Award, 2017.
 14. CCM Duopharma Biotech Berhad, HR Asia, 2017.
 15. Best Companies To Work For In Asia, HR Asia, 2016.
 16. Selangor Excellence Business Award in Pharmaceuticals category, Dewan Perniagaan Melayu Malaysia Negeri Selangor, 2016.
 17. Industry Excellence Award in the Healthcare Sector, Utusan Malaysia, 2016.
 18. Global Islamic Economy Award, Global Islamic Economic Summit, 2016.
 19. Halal Excellence Award, Halal Industry Development Corporation (HDC), 2015.
 20. PNB Islamic Initiative Award, Permodalan Nasional Berhad (PNB), 2015.

International Cooperation Programme / Success Stories

1. Halal Pharmapreneur programmes in collaboration with Malaysia Productivity Corporation (MPC) and The Centre for Entrepreneur Development and Research Sdn. Bhd. (CEDAR SME BANK).
2. Participates in Jalinan Antara Universiti dan Industri (JATI) initiative to train and groom pharmacy undergraduates on entrepreneurship in community retail pharmacies. Students hail from local universities such as Universiti Kebangsaan Malaysia (UKM), Universiti Sains Malaysia (USM), University Teknologi MARA (UiTM), Universiti Teknologi Malaysia (UTM) and Universiti Malaysia Sabah (UMS).

HEALTH4U SOLUTIONS SDN. BHD. (BOOKDOC)



Introduction

BookDoc, with presence in Hong Kong, Indonesia, Malaysia, Singapore and Thailand, is an online and mobile platform that operates across the healthcare continuum connecting patients to healthcare professionals anytime and anywhere, while incentivising all to stay active.

Having been awarded MSC (Multimedia Super Corridor) status, BookDoc has established an integrated online ecosystem for local and overseas users. The ecosystem allows users to search and book healthcare professionals anytime and anywhere, and integrates seamlessly with navigation (Google Map, Waze), transport (Grab, Uber, AirAsia), accommodation (Agoda) and recommended restaurants & attractions (TripAdvisor) for a hassle-free and enjoyable experience to healthcare appointments.

Area of Expertise

BookDoc is a mobile app and online platform that provides Healthcare Professionals with heightened popularity and prestige, opens up a larger local and international market reach across 5 countries; as well as optimising appointment booking and scheduling. For Merchants, BookDoc allows an expansion of customer bases through access to more than 20 corporate clients. Merchants can also save on expenditure and time to manage stocks and human



BookDoc is an online platform that operates across the healthcare continuum connecting patients to healthcare professionals anytime and anywhere, while incentivising all to stay active.

5 Features of BookDoc



1. Search & Book

Search & Book your preferred healthcare professionals anytime, anywhere



2. BookDoc Activ

Get rewarded for staying active based on your steps



3. Marketplace

Shop online for your healthcare needs



4. Tele-consult

Chat with healthcare professionals privately and securely



5. Events & News

Get to know the latest health events and news



resources, as BookDoc offers convenience on its platform.

Strengths and Achievements

BookDoc possesses a dynamic product line, rather than a single product or platform commercialised to stay ahead of competitors. The marketable platforms allow access to the Business-to-Consumer (B2C), Business-to-Business (B2B) and Business-to-Government (B2G) segments, which are high growth areas. These platforms are also scalable and repeatable in other countries.

BookDoc collaborates with Reward Partners to reward Subscribers for this and as of 2019, has close to 90 Reward Partners in 12 countries. Among well-known brands on the Reward Partners list are Aquaria KLCC, Brooks Running, Chow Tai Fook, Focus Point, Ogawa, KLIA Express, Ilao Ilao, New Balance, Oldtown White Coffee,

ServisHero, Sunway Velocity Mall, The Coffee Bean & Tea Leaf Malaysia and YTL Hotels Spa Village.

Projects Undertaken (Domestic)

Collaborations with government and government agencies:

1. The first and only official healthcare platform for MOH.
2. Official healthcare platform for Ministry of Education, Malaysia.
3. Collaboration with SOCSO via Activ@ Work to encourage employers to help their employees to stay active.
4. Partnership People's Volunteer Corps (RELA), the largest NGO in Malaysia with over 3 million members.
5. Partnership with Royal Police Force of Malaysia.
6. Official online healthcare platform of the Ministry of Tourism and Culture, Malaysia.

Universities:

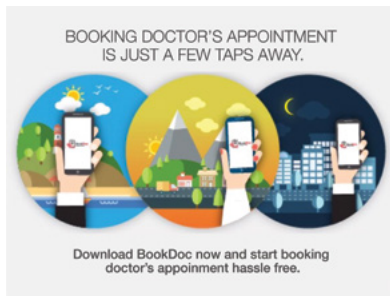
1. MoU with University Malaysia Sabah in the move towards digital healthcare.
2. Partnership with Perdana University, Malaysia.
3. Partnership with University Teknologi Mara (UiTM).
4. Partnership with Universiti Tun Hussein Onn Malaysia (UTHM).

Insurance companies

1. Partnership with AXA Insurance to launch the first Online Medical Card in Malaysia.
2. Partnered with Sun Life Insurance Malaysia to launch Sun Activ.
3. Partnered with RHB Insurance Malaysia to offer the Wellness Incentive Programme to customers via RHB Insurance-BookDoc Activ Programme.

Projects Undertaken (International)

1. Partnership with Bumrungrad Hospital, Thailand.
2. Partnership with Siloam Hospitals Group, Indonesia.
3. Partnership with Unity Denticare, Singapore.
4. MoU with Q&M Dental Group.
5. MoU with the Singapore Medical Group, Singapore.
6. MoU with Pacific Healthcare, Singapore.
7. Partnership with Quality Healthcare Medical Services Limited, Hong Kong.
8. MoU with Town Health International Medical Group.
9. MoU with Subang Jaya Medical Centre.
10. MoU with JCI-accredited National Heart Institute, Malaysia.



Recognition and Awards

1. China New Economy Awards (Excellence in Innovation), Frost & Sullivan, 2019.
2. Malaysia Health & Wellness Brand Awards for Digital Healthcare, Sin Chew Daily, 2019.
3. Le Fonti Company of the Year, Health Technology South Asia Awards, 2019.
4. One of the most innovative digital companies in ASEAN, ASEAN Secretariat, 2019.
5. World's Top 100 Startup Companies, CNBC, 2019.
6. New Economy Award, Frost & Sullivan, 2018.
7. Visionary Innovation Leadership Award, Frost & Sullivan, 2017.
8. Company of the Year for Innovation Mobile Healthcare Technology, South Asia, 2017.
9. SME Best Brands Brand Leaderships Award; Man of the Year (Dato' Chevy Beh, CEO & Founder), The BrandLaureate, 2017.
10. Innovation Excellence Award in the Mobile Healthcare Technology Market, Southeast Asia, Frost & Sullivan, 2016.

International Cooperation Programme / Success Stories

As of the beginning of 2019, BookDoc's healthcare partners operate in 5 countries: Hong Kong, Indonesia, Malaysia, Singapore and Thailand.

HEALTH4U SOLUTIONS SDN. BHD. (BOOKDOC)

ADDRESS

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4, Jalan PJU 8/8A, Damansara Perdana
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YEAR OF ESTABLISHMENT

2015

NO. OF STAFF

50

GEO-COORDINATES

3.165440, 101.612447

AREA OF EXPERTISE

Online platform that operates across the healthcare continuum.

STRENGTHS AND ACHIEVEMENTS

Trusted Medical Companion for Tourists.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Healthcare partners that operate in 5 countries: Malaysia, Singapore, Indonesia, Hong Kong and Thailand.

RADICARE (M) SDN. BHD. (RADICARE)



Introduction

Radicare Group of Companies offers a full range of integrated solutions – from facilities management and green technology; to biomedical engineering maintenance and cleansing, healthcare waste and linen management.

Radicare Group's unrivalled experience and expertise render them with market leading practices which yield significant value to clients' operations and facilities. Clients' specific needs and requirements are addressed specifically through the provision of comprehensive, integrated or single facilities management solutions.

The Radicare Group consists of:

1. Radibems Sdn. Bhd.

Specialises in Biomedical Engineering Technology Management Services providing vital cost-effective solutions and reliable operations and maintenance of all medical equipment.

2. Radifems Sdn. Bhd.

Offers cost-effective facilities management solutions and reliability in the operations and maintenance of public and private buildings and facilities.

3. Medilaund (M) Sdn. Bhd.

Specialises in linen processing and rentals. It is regarded as a pioneer in the linen and laundry industry since its inception.

4. Clinwaste (M) Sdn. Bhd.

Possesses extensive experience and expertise in the management of clinical waste in the country.

5. Radifleet Sdn. Bhd.

Evolved from the need for absolute maintenance of the group's vast number of motor vehicles of various makes and models.

Today, Radicare has proudly contributed to improving the standards of facilities management of various hospitals and medical institutions in Kelantan, Kuala Lumpur, Pahang, Putrajaya, Selangor and Terengganu.

Area of Expertise

Radicare specialises in:

1. Biomedical Engineering Maintenance Services

Management of medical equipment technologies through risk-based concept maintenance whereby devices in hospitals are uniquely categorised according to the risks associated with its applications with regards to the discipline and nature of the hospital's healthcare offers.

2. Facility Engineering Maintenance Services

Providing comprehensive facility engineering maintenance for medical facilities, commercial office buildings, industrial sites or retail premises.



3. Environmental and Green Technology Solutions

Achieving environmental sustainability through Green Technology Services by providing operational and maintenance solutions to reduce carbon footprint.

4. Healthcare Waste Management Services (HWMS)

Utilising the latest waste management technology to efficiently manage healthcare waste in an environmentally-friendly manner.

5. Cleansing Services

Ensures hygienic environments for clients, staff and general public through the use of environmentally-friendly chemicals and cleaning substances supported by state-of-art cleaning technology.

6. Linen and Laundry Services

Management of linen from hospitals to laundry plant, backed by stringent hygiene procedures and guidelines complete with state-of-the-art laundry automation systems.



7. Fleet Management and Vehicle Maintenance Service

Provision of transportation services for specialised goods utilising a fleet of vehicles ranging from 1 tonne to 18-tonne trucks, as well as a fully-equipped service centre to provide maintenance to vehicles.

Strengths and Achievements

Radicare has the capability and experience in managing:

8. More than 14,000 beds in hospitals, clinics and medical institutions nationwide
9. More than 300,000 equipment & facilities
10. Daily cleanable area of 2,200,000 m²
11. Cleaning of 30 million kg of hospital linen annually
12. Disposal of 9.5 million kg of healthcare waste annually

In addition to its management solutions, Radicare uses technological systems to improve the efficiency and quality of its numerous services, namely the use of Radio-Frequency Identification (RFID) Technology to track and monitor linen loss in Linen and Laundry System operations. It also utilises state-of-the-art Toilet Feedback System (TFS) to enhance hygiene management in public toilets; uses an eco-

friendly HWMS Plant comprising a pollution-free Microwave Disinfection System and Malaysia's first Waste-to-Energy incinerator plant; and tracks all Radicare lorries using a Fleet Tracking System (FTS) via Global System Network (GSN) and Global Positioning System (GPS) for the monitoring of clinical waste and linen management.

Radicare is fully certified with ISO90001:2015 (Quality Management Systems), ISO140001:2015 (Environmental Management Systems), OHSAS 18001:2007 (Occupational Health and Safety Management Systems) and ISO 13485:2016 (Medical Devices: Quality Management Systems). The group has also received the MyHIJAU Mark, Malaysia's official green recognition scheme; and is a certified Energy Service Company (ESCO) by Energy Commission Malaysia as well as Environmental Professional in Sewerage Treatment Plant Operation (CePSTPO) by Department of Environment Malaysia. Radicare is also a Registered Electrical and Energy Manager (REEM), Certified Energy Manager (CEM) and Certified Indoor Air Quality (IAQ) Assessor.

Recognition and Awards

1. Bumiputera Best Brands Award Signature Brand Healthcare Facilities Management, The BrandLaureate, 2018.
2. Solar Energy Leadership Awards & Healthcare Leadership Award, The Golden Globe Tigers Award, 2019.
3. Gold Class Award, Malaysian Society for Occupational Safety and Health (MSOSH) OSH AWARD, 2018.
4. Excellence in Healthcare Facilities Management, Malaysia Excellence Business Award (MEBA), 2019.

RADICARE (M) SDN. BHD. (RADICARE)

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YEAR OF ESTABLISHMENT

1994

NO. OF STAFF

3,075

GEO-COORDINATES

3.151941, 101.666549

AREA OF EXPERTISE

Integrated solutions to facilities management, green technology, biomedical engineering maintenance, cleansing, healthcare waste, laundry & linen and fleet management.

STRENGTHS AND ACHIEVEMENTS

Manages more than 14,000 beds in medical institutions, cleans 30 million kg of linen, possesses more than 300,000 equipment & facilities, and disposes 6 million kg of healthcare waste nationwide, annually.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Fully certified with ISO 90001:2015, ISO 140001:2015, OHSAS 18001:2007, ISO 13485:2016 along with MyHIJAU Mark certification, and accorded Energy Service Company (ESCO) status by Energy Commission Malaysia.



- 110** Malaysia Digital Economy Corporation (MDEC) Sdn. Bhd.
- 112** AETINS Sdn. Bhd. (AETINS)
- 114** Fusionex International Sdn. Bhd. (Fusionex)
- 116** TESS Innovation Sdn. Bhd. (A Member of TESS International Group)
- 118** Vera Real Sdn. Bhd.



Information and Communication Technologies (ICT)

In the 90s, Malaysia began its transformation from a resource-driven economy to knowledge-led with the establishment of the Multimedia Super Corridor (MSC). Created to accelerate the growth of the Digital Economy, MSC is a designated ICT-focused zone for Malaysian ICT companies, startups and foreign companies. These organisations are provided with access to high-speed internet facilities, diverse human capital and proximity to Malaysia's administrative and commercial centres on top of attractive tax breaks, thereby increasing trade activities and investment in Malaysia.

Today, ICT remains a key driver in Malaysian economic growth and is recognised as the main enabler for the Digital Economy to achieve high-value economy. Forecasts predict positive growth from Malaysia's ICT industry in the medium to longer term owing to the emergence of Big Data Analytics, Artificial Intelligence, Virtual Reality, and Robotics - drivers of the 4th Industrial Revolution. Potential areas of wealth creation such as digital content development as well as software solutions and services will be the focus for development and to encourage the participation of local companies.

In the journey towards a digitalised Malaysia, the Ministry of Communication and Multimedia has also pledged industry support in the form of increased internet access speeds at lower

rates. The increased accessibility of broadband is expected to create more job opportunities while enhancing business and trade activities.

Among Malaysia's strengths in the ICT sector are services such as Banking, Finance & Insurance Services (BFSI) and e-government solutions (security). Within ASEAN, Malaysia is currently the leading banking software and payment gateway solutions provider. In addition to that, Malaysia is also leading in Intellectual Property (IP) creation in Southeast Asia and has established itself as the regional outsourcing destination for animation and video games.

Animations, games and movies fall under the Digital Content sub-sector of the ICT industry and has experienced exponential growth in the last few years. The Malaysian Digital Content industry is a high-potential sector with an export sale value of over RM1 billion. To date, Malaysia is home to over 350 studios that are directly involved in various stages of development and production, which translates to more than 11,000 jobs covering key creative content sectors.

MALAYSIA DIGITAL ECONOMY CORPORATION (MDEC) SDN. BHD.



Introduction

MDEC is the government agency under the Ministry of Communications and Multimedia Malaysia entrusted with leading the nation's digital economy forward. To future-proof Malaysia for the digital age, MDEC leverages on its proven track record, industry credibility, and experienced leadership to connect, catalyse, and commercialise digital initiatives with the goal of creating a thriving and sustainable digital economy that is diverse and inclusive at its core.

MDEC has driven significant digital transformation and adoption processes across public and private sectors in Malaysia since its establishment in 1996. As the world moves rapidly into the Fourth Industrial Revolution (IR4.0), MDEC is ready and fully focused on leading Malaysia's Digital Economy forward by accelerating:

1. Formulation of policies and coordination of agencies to enable success;
2. Development of future-proof workforce to grow the Digital Economy ecosystem; and
3. Creation of global champions to increase contribution from the Digital Economy to GDP.

MDEC oversees numerous programmes, including Multimedia Super Corridor



(MSC Malaysia), a platform that nurtures the growth of local tech companies while attracting both foreign and domestic direct investments.

Area of Expertise

MDEC has provided various assistance with the aim of growing industries, empowering ecosystems, and accelerating digital adoption for all. This also includes up-skilling talents with new capabilities, industry matchmaking, and creating/developing progressive self-sustaining ecosystems.

The programmes MDEC now offers/facilitate include:

1. Digital Transformation Agenda: Talent Development, Digital Adoption, Entrepreneurship Innovation, and Socio-Economic Inclusivity;
2. Digital Worker: #eRezeki and #eUsahawan, GLOW;

3. GoEcommerce;
4. Cyber-Security Training;
5. ADAX – AI and Big Data ecosystem;
6. Tech Talent @ Schools/Institute of Higher Learning;
7. Malaysia Digital Hub – an empowering startup ecosystem ;
8. Malaysia Tech Entrepreneur Programme (MTEP);
9. Global Acceleration Innovation Network (GAIN);
10. Creating economy growth drivers: Fintech, Digital Creative Content, Islamic Digital Economy, Global Tech Fund and Malaysia Innovation Policy Council;
11. Digital Transformation Acceleration Programme – kickstarting digital rollouts; and
12. Digital Transformation Labs, Manufacturing Hub, and Innovation Ecosystem.



Strengths and Achievements

To date, MSC Malaysia, overseen by MDEC has achieved the following:

1. Total Investment: More than RM300 bil.
2. Revenue: Nearly RM500 bil.
3. Export Sales: More than RM100 bil.

The MSC Malaysia footprint has expanded to 63 locations all over Malaysia. It now hosts 4,664 companies from more than 40 countries and has established programmes for businesses to augment operations in Malaysia and within the region. Some of such success stories include Aerodyne, Forest Interactive and Fusionex among others.

Recognition and Awards

1. Rice Bowl Awards, Malaysia Tech Entrepreneur Programme (MTEP), 2019.
2. Special Recognition, PIKOM Unicorn Award (for GAIN Programme), 2019.

International Cooperation Programme / Success Stories

GAIN CONNEX Market Access Program
MDEC facilitates the expansion of technology companies headquartered in Malaysia into overseas markets through Business Support Ecosystems and

business matching sessions established in selected countries.

Initiating strategic collaborations with key stakeholders under the Business Support Ecosystems allows such companies to be better positioned.

To-date achievements:

3. More than 100 Partners & Market Linkers around the world.
4. More than 100 regional technology companies headquartered in Malaysia spanning across various industries.
5. More than 2000 1-on-1 meetings conducted.
6. More than 50 Proof of Concepts (POC) secured.

Key stakeholders under the MDEC's Business Support Ecosystems include:

1. Trade Associations;
2. Channel Partners;
3. Co-working spaces;
4. Government Agencies;
5. Research Firms; and
6. Business Chambers.

MALAYSIA DIGITAL ECONOMY CORPORATION (MDEC) SDN. BHD.

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E: clic@mdec.com.my

WEBSITE

www.mdec.my

YEAR OF ESTABLISHMENT

1996

NO. OF STAFF

500

GEO-COORDINATES

2.922421, 101.659005

AREA OF EXPERTISE

MDEC has provided various assistance with the aim of growing industries, empowering ecosystems, and accelerating digital adoption for all.

STRENGTHS AND ACHIEVEMENTS

Proven track record, industry credibility, and experienced leadership to connect, catalyse, and commercialise digital initiatives.

INTERNATIONAL COOPERATION / SUCCESS STORIES

More than 100 Partners & Market Linkers around the world as well as more than 100 regional technology companies headquartered in Malaysia spanning across various industries.

AETINS SDN. BHD. (AETINS)



Introduction

AETINS provides technology-enabled solutions for insurance companies and Takaful operators to embrace the digital era and address current IT challenges. AETINS is an acronym for Assured ETernal INsurance Solutions. Headquartered in Petaling Jaya, Malaysia since 1998, AETINS carries the insignia of a Multimedia Super Corridor (MSC) Status Company – recognition accorded by the Government of Malaysia for ICT and ICT-facilitated businesses that develop or employ multimedia technologies.

It assists companies in the insurance industry that are looking to transform digitally and modernise existing IT systems as well as streamline operations towards optimum efficiency and real-time convenience.

AETINS operates in Malaysia (HQ), India (Hyderabad), Sri Lanka (Colombo) and Cambodia (Phnom Penh) with an ensemble of more than 150 talented professionals.

Area of Expertise

With more than 20 years' experience in implementing insurance solutions and supporting insurance companies in their Digital initiatives, AETINS provides technology-based solutions for the insurance and takaful industries.



With their garnered experience and industry know-how, AETINS is proficient in delivering key insights and expertise that is communicated effectively to industry stakeholders, irrespective of whether in dealing with domain consultants or technical experts.

AETINS leverages its knowledge of the insurance and takaful industries towards harnessing new technologies to grow insurance businesses. Through timely executed adaptation and roll out initiatives, businesses are able to properly address operational needs in order to stay ahead of the competition.

Strengths and Achievements

AETINS specialises in implementing its flagship product, the Insurance Solution Framework (ISF) – a homegrown end-

to-end integrated Insurance Solution Framework which was developed as a strong foundation to cover all scopes of the insurance business including Life, Group, Investment Linked, Non-Life, Health, Pension, Takaful and Portals. Currently AETINS is embarking into Insuretech offerings for its clients.

It streamlines its dedication towards continuously enhancing software solutions. This is clearly reflected in the numerous prestigious awards and certifications it has received since its very inception.

Projects Undertaken (Domestic)

AETINS projects in Malaysia include multinational corporations, established insurance entities as well as growing businesses.



Projects Undertaken (International)

AETINS has made a pronounced international presence through projects undertaken in Bahrain, Brunei, Burundi, Cambodia, Egypt, Indonesia, Kenya, Pakistan, Saudi Arabia, Sri Lanka, Tanzania, UAE and Uganda.

Recognition and Awards

AETINS' many accolades and achievements include:

- 2000 MSC Status
- 2001 Oracle ISV Partner
- 2003 Asia Pacific ICT Award (APICTA)
Deloitte Touche Tohmatsu Asia Pacific Technology Fast 500
- 2004 Deloitte Technology Asia Pacific Fast 500
- 2005 CEO awarded Key Industry Leader Award by PIKOM
- 2006 CMMI Level 5
- 2009 IT Service Management System ISO /IEC 20000
- 2010 IBM Business Partner
- 2011 Oracle Excellence Awards Industry Excellence Award by MATRADE
- 2015 Outstanding Export Achievement Award by MATRADE/MITI



- 2018 PIKOM PLC Annual Leadership Award
- 2019 Qualified for Mid-Tier Programme by MATRADE
IBM Hybrid Cloud Partner Award

International Cooperation Programme / Success Stories

Apart from having been accorded recognition from the Technical Inspection Association in Germany (TUV Rheinland), AETINS has also developed close technology relationships with companies such as ORACLE and IBM. This has enabled AETINS to mutually absorb and acquire skills in some of the most cutting-edge technologies that are underpinning the digital transformation revolution.

AETINS SDN. BHD. (AETINS)

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WEBSITE

www.aetins.com

YEAR OF ESTABLISHMENT

1998

NO. OF STAFF

51

GEO-COORDINATES

3.104751, 101.646703

AREA OF EXPERTISE

Provides technology-based solutions for the insurance industry through the implementation of the Single Integrated System – Insurance Solution Framework (ISF) and support.

STRENGTHS AND ACHIEVEMENTS

More than 20 years' experience in implementation of insurance and takaful solutions in Africa, Asia Pacific and the Middle East across all lines of business.

INTERNATIONAL COOPERATION / SUCCESS STORIES

AETINS has made a pronounced international presence through projects undertaken in Bahrain, Brunei, Burundi, Cambodia, Egypt, Indonesia, Kenya, Pakistan, Saudi Arabia, Sri Lanka, Tanzania, UAE and Uganda.

FUSIONEX INTERNATIONAL SDN. BHD. (FUSIONEX)



Introduction

Fusionex is an established multi-award winning data technology provider specialising in Analytics, Big Data, IR 4.0, Machine Learning, Artificial Intelligence and Trade Facilitation.

It specialises in helping its clients unlock value and derive insights from data. Featured on Forbes, Bloomberg, Gartner, IDC, Forrester, Edison, and Huffington Post, Fusionex is the largest Big Data Analytics company and market leader in ASEAN, bringing state-of-the-art, innovative, and breakthrough data-driven platforms to its clientele. Fusionex is also a MDEC Global Acceleration and Innovation Network (GAIN) company as well as a Multimedia Super Corridor (MSC) Malaysia R&D Grant Scheme (MGS) award recipient.

Gartner's 2018 report on Modern Analytics and Business Intelligence shortlisted and commended Fusionex's data technology platform. In addition to that, Fusionex has been identified as a Major Player in IDC's MarketScape Report for Big Data & Analytics. The company is the only ASEAN-based company to be featured in both reports, cementing its credentials in the data technology market for this region.

Area of Expertise

Fusionex's expertise can be segregated into 4 main components being Fusionex GIANT, Fusionex Artificial Intelligence (AI), Fusionex Trade Facilitation and Fusionex Industrial Revolution (IR) 4.0.

Its cutting-edge solutions incorporate advanced technologies such as Big Data Analytics, intelligent robots, Internet of Things, Machine Learning and cloud computing, creating an automated and digitised ecosystem that will revolutionise the way business is done.

Strengths and Achievements

Fusionex's consistent thirst for improvement has seen it grow from strength-to-strength since its inception. Focusing on delivering creative and innovative IT-based solutions for organisations across numerous verticals,

its efforts have been recognised and have garnered accreditations from various international bodies.

It is unsurprising then that Fusionex's list of awards and rankings from partners and international organisations is a testimony to its success in assisting clients augment IT capabilities.

Projects Undertaken (Domestic)

Over the years, Fusionex has provided various solutions to suit different industries, specifically in the fields of Retail, Trade Facilitation, Smart Cities, Automotive, Payment, Travel & Hospitality as well as Public Sectors, locally.

Projects Undertaken (International)

Given its expertise, Fusionex's global footprint spans across Asia Pacific, Europe and the United States.





Recognition and Awards

Given its distinctive reputation, Fusionex boasts of an extensive list of awards and recognition. Among these include:

1. Data Analytics & Innovation Award, Big Data World Asia, 2013.
2. Best Application Tools / Platform Award, APICTA Award, 2015 and 2016.
3. Best Emerging Technology & Best General Application, SiTF Awards, 2013.
4. Most Innovative Award, World Tourism Economic Conference, 2017.
5. Outstanding Excellence Award, Malaysia Retail Chain Association, 2016.
6. Special Recognition Award, PIKOM ICT Leadership Award, 2014 and 2016.
7. Outstanding ICT Company Award, ASOCIO, 2015 and 2016.
8. Microsoft Global Business Intelligence Partner of the Year Award, 2012.
9. Microsoft APAC Business Intelligence Partner of the Year Award, 2013.
10. Microsoft Solutions Partner of the Year Award, 2011 – 2013.
11. Microsoft Country Partner of the Year Award, 2012 – 2015.
12. Alibaba Cloud Top Technology Partner Award, 2018.

FUSIONEX INTERNATIONAL SDN. BHD. (FUSIONEX)

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YEAR OF ESTABLISHMENT

2012

NO. OF STAFF

600

GEO-COORDINATES

3.109995, 101.638142

AREA OF EXPERTISE

Multi-award winning data technology provider in Analytics, Big Data, IR 4.0, Machine Learning, Artificial Intelligence and Trade Facilitation.

STRENGTHS AND ACHIEVEMENTS

Accreditations and awards from various international bodies and organisations.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Fusionex's global footprint spans across Asia Pacific, Europe and the United States.

TESS INNOVATION SDN. BHD. (A MEMBER OF TESS INTERNATIONAL GROUP)



Introduction

TESS International is a premier lead in the Financial Crime Solutions Industry transforming banking, financial and trade businesses by enabling them with a wide range of advanced digital-based solutions and new age technologies such as Artificial Intelligence, Big Data Analytics and many more. TESS embeds unmatched expertise into its award-winning solutions and simplifies business processes and efficiency-driven compliance based technologies to address compliance and regulatory challenges at all levels mainly, on Anti-Money Laundering (AML), Financial Fraud Detection, Anti-Corruption & Bribery Solution and FATCA.

With its global presence and partner network, TESS now serves 100 global enterprises across 10 countries and has operations spread across Asia (more participating countries in the pipeline) given its award-winning achievements within the industry.

TESS International is certified ISO 9001 and moving towards ISO 27001 Certification.

Area of Expertise

As the founder and core developer of CORAL™ Suite of Financial Solutions, its main line of work is to provide clients with prime financial crime solutions



based on the latest market research and requirements with state-of-art design, development and technology advancements.

Additionally, TESS provides professional advisory and consultancy services that advocates on technical, operational and project management relating to back-end integration, security issues, network engineering, online strategy and more.

Strengths and Achievements

TESS International lives by the motto “By Bankers, For Bankers” which is enriched through their personalised range of products. TESS constantly strives to meet their clients’ requirements and uphold the principles of financial regulation and compliance in all endeavors, at all levels and in the various industries they have

embarked on given the multiple nations they have worked with thus far.

TESS International has state-of-the-art technologies, experienced professionals and top-notch facilities to deliver quality services and financial solutions with excellence. Given the number of outstanding achievements in the ICT sector, TESS professionals are highly competent individuals with extensive experience in the banking, finance and technology-based industries with emphasis in technical, operational, system-based solutions and market research analysis, business intelligence as well as the project management, back-end integration, security management, network engineering, online strategy and many more.



TESS INNOVATION SDN. BHD.
(A MEMBER OF TESS INTERNATIONAL GROUP)

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YEAR OF ESTABLISHMENT

2000

NO. OF STAFF

53

GEO-COORDINATES

3.100831, 101.640094

AREA OF EXPERTISE

Financial Crime Solutions provider.

STRENGTHS AND ACHIEVEMENTS

Serves 100 global enterprises across 10 countries and has operations spread across Asia.

**INTERNATIONAL COOPERATION/
 SUCCESS STORIES**

Projects and presence in Cambodia, China, Hong Kong, Indonesia, Singapore, Taiwan, Thailand, Vietnam, the Middle East and many more in the pipeline.

Recognition and Awards

1. CORAL iSEM™, Malaysian Brand Award, FEMACGA (The Federation of Malaysia Chinese Guilds Association), 2016.
2. Gold Award, ASEAN ICT Awards (AICTA), 2014.
3. Enterprise 50 Award, 2014.
4. Best of Financial Applications Award, MSC-APICTA (Multimedia Super Corridor Malaysia-Asia Pacific ICT Alliance), 2014.
5. "AA" Rating, SME Corp Malaysia, 2013 and 2014.
6. Technology Award Recipient, MIMOS Berhad, 2013.
7. MSC Malaysia Certified Solutions, MDEC & TUV Rheinland International Standards of Programming Assessment, 2013.

International Cooperation Programme / Success Stories

By adopting a philosophy of organic growth, TESS seeks to satisfy its partners and maximise their clients' return on investment by forming strategic partnerships with world-class hardware vendors and solution providers. TESS' success stories are not just limited to the domestic sphere but has a market presence and proven trails in Cambodia, China, Hong Kong, Indonesia, Singapore, Taiwan, Thailand, Vietnam, the Middle East and many more in the pipeline.

VERA REAL SDN. BHD.



Introduction

Established in 2014 and based in Cyberjaya, the Multimedia Super Corridor of Malaysia, Vera Real Sdn. Bhd. helms the pathway in offering safety, monitoring capabilities and security to individuals and businesses operations through Wireless Networking and Real-Time Location Tracking Solutions.

With 25 years in accumulated experience and expertise in Radio, Wireless and Information & Communication Technology with a focus on Internet of Things (IoT), Wireless Networking and Real-Time Tracking and Monitoring, Vera Real has spearheaded the call for Industry 4.0, offering innovative and outstanding products and services to consumers and businesses where safety, monitoring and security are of key concerns.

Specialising in Software-Defined Wireless Networking solutions for network operators, Vera Real's innovative tools allow for a comprehensive yet delightful user experience.

Area of Expertise

The company's core services include IoT Solution Customisation, Integration and Management.

Vera Real's IoT solutions are highly customisable to fit clients' business



requirements. It assesses opportunities to utilise the individual business' infrastructure for integrating IoT solutions, thereby reducing implementation costs.

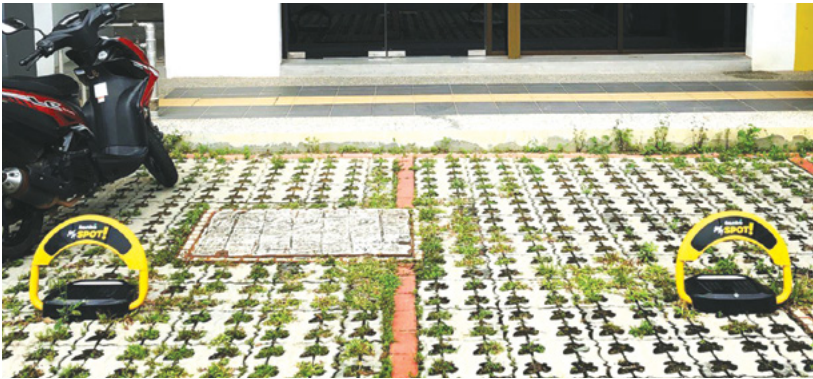
It also provides IoT solutions as a service. Vera Real is capable of running solutions for businesses by way of hosting solutions in the cloud, allowing for improved monitoring of service quality and identifying improvement opportunities.

Vera Real carries multiple products under its belt. This includes the Rombo Group which consists of Rombo GPS, Rombo Nexx, Rombo MySpot, Rombo Hajj Traxx and Rombo RISE.

Strengths and Achievements

Vera Real solutions, whether for real-time location tracking or wireless networking, are highly customisable to fit varying business needs. The company does this by gathering requirements from its clients and developing solutions to provide greater efficacy and superior user experience for businesses.

Vera Real has registered its trademark 'Rombo®' under the Intellectual Property Corporation of Malaysia. The Rombo Nexx portable GPS tracking device conforms to Malaysian Communications and Multimedia Commission (MCMC) MTSFB TC T007:2014, MCMC WTS GSM-MT and MCMC WTS IMT-MT standards.



Projects Undertaken (Domestic)

In essence, Vera Real looks at opportunities to utilise an organisation's existing infrastructure for integrating a compatible solution, thereby reducing implementation costs. This dynamic addition to various entities have been tested and proven with impressive results. Such projects include:

1. Fishermen and Boat Tracking and Monitoring for EBI Resources Sdn. Bhd.;
2. Tracking and monitoring of Beehives for Malaysia Genome Institute;
3. Enforcement and Crime Tracking and Monitoring for Wildlife and National Parks Peninsular Malaysia;
4. Wildlife Operations, Tracking and Monitoring System for Wildlife Conservation And Science, Malaysia;

5. Assets Monitoring Using Rombo IoT System for Universiti Kebangsaan Malaysia; and
6. Security Assets Monitoring for Felda Plantation, Malaysia.

Projects Undertaken (International)

Vera Real's mettle has also gained recognition on the international front as follows:

1. Customised Rombo GPS Tracking Devices for Sudoers Solutions (Italy),
2. Customised Rombo GPS Tracking Devices for Dayang Seri Sdn. Bhd. (Brunei), and
3. Customised Rombo Travel GPS Tracking Devices for Crucetak Sdn. Bhd. (Thailand).

International Cooperation Programme / Success Stories

Vera Real has collaborated with University of Sydney, Australia in the Precision Flood Prediction Ecosystem project to provide solutions for predicting flood in the Australian city of Lismore. Its other achievements include collaborating with Tech Target Pty. Ltd. (Smart Community Alerting System, Australia).

The company has also established partnerships and branches in Australia, Brunei and Italy.

VERA REAL SDN. BHD.

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YEAR OF ESTABLISHMENT

2014

NO. OF STAFF

10

GEO-COORDINATES

2.918580, 101.652296

AREA OF EXPERTISE

Safety, monitoring capabilities and security through Wireless Networking and Real-Time Location Tracking Solutions.

STRENGTHS AND ACHIEVEMENTS

IoT Solution Customisation, Integration and Management based on existing business infrastructure to reduce implementation costs.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Collaborations with University of Sydney and Tech Target Pty. Ltd., Australia, as well as partnerships and branches in Australia, Brunei and Italy.





Investment for Industrial Development

Located in the heart of Southeast Asia, Malaysia is at the centre of one of the fastest-growing economic regions in the world. Over the last 20 years, Southeast Asia has recorded an average GDP growth of over 5% per annum. Strong ties with ASEAN, in addition to a strategic location and infrastructure, offer a valuable platform for businesses looking to further enhance regional relations and reduce costs.

By establishing operations in Malaysia, both foreign and local investors have the ability to capture growth opportunities and gain immediate market access. A population size of nearly 4 billion stands as a potential market for investors by way of the extensive network of 14 bilateral and regional Free Trade Agreements (FTA) Malaysia has with countries such as Australia, Chile, India, New Zealand and Turkey. Moreover, Malaysia's established local supply chains are well-integrated into the global value chain and are an undeniable competitive advantage. Supported by a strong and matured local engineering support industry, investors seeking to expand their production capacity into the country can do so efficiently and with ease. Furthermore, international investors will find communication and creating an ideal business environment to be effortless, as Malaysia's young talent pool are adaptable and highly proficient in the English language.

Malaysia is a diversified economy, leveraging on an ecosystem approach to promote and facilitate investments into the country.

Currently, Malaysia is focusing on expanding its economy towards more complex, knowledge-intensive and high-end products and services. The recently launched Shared Prosperity Vision 2030 (SPV2030) defines Malaysia's aspirations to achieve sustainable growth and to transform into a high-value nation that is competitive, dignified and of high integrity. Under the Vision, 15 proposed Key Economic Growth Activities (KEGAS) with the potential to drive future economic growth were identified.

This Vision complements Malaysia's move towards the implementation of Industry 4.0, also known as Industry4WRD. Malaysia is actively developing catalytic industries, namely Electrical and Electronics (E&E), Machinery and Equipment (M&E), Chemical as well as high-potential industries such as Medical Devices and Aerospace. These industries have strong inter-linkages with other subsectors and as such, play a vital role to support the development of the overall manufacturing sector.

Of equal importance are investments in the services sectors. Subsectors such as Global Operations Hub, Regional Establishments, Research and Development (R&D), Logistics, Green Technology, Education, Health, Hotels and Tourism continue to be prioritised as these subsectors assume an essential role by supporting companies in all sectors of the economy.

MALAYSIAN INVESTMENT DEVELOPMENT AUTHORITY (MIDA)



Introduction

The Malaysian Investment Development Authority (MIDA) is the government's principal agency for the promotion of the manufacturing and services sectors in Malaysia. Incorporated as a statutory body under the Malaysian Industrial Development Authority (MIDA) Act, the establishment of MIDA in 1967 was hailed by the World Bank as "the necessary impetus for purposeful, positive and coordinated promotional action" for Malaysia's industrial development.

MIDA assists companies that intend to invest in the manufacturing and services sectors, as well as facilitates the implementation of their projects.

MIDA also evaluates the following applications for projects in the manufacturing and its related services sectors:

1. Manufacturing licenses.
2. Tax incentives.
3. Expatriate posts.
4. Duty exemptions on raw materials and components.
5. Duty exemptions on machinery and equipment for the agricultural sector and selected services sectors.



Area of Expertise

1. Promotion

- i. Promote investments in the manufacturing and services sectors.

2. Planning

- i. Undertake planning for industrial development in Malaysia.
- ii. Recommend policies and strategies on industrial promotion and development to the Minister of International Trade and Industry.
- iii. Formulate strategies, programmes and initiatives for international economic cooperation.

3. Evaluation

- i. Evaluate applications for manufacturing licences and expatriate posts; tax incentives for manufacturing activities, tourism, R&D, training institutions

and principal hub; and duty exemption on raw materials, components and machinery.

- ii. Issuance of confirmation letters to the application of import duty and/or sales tax exemption on machinery, equipment, spare parts and consumables.

4. Monitoring

- i. Assist companies in the implementation and operation of their projects, and offer assistance through direct consultation and co-operation with relevant authorities at both the federal and state levels.
- ii. Facilitate the exchange of information and co-ordination among institutions engaged in – or connected with – industrial development.



MALYSIAN INVESTMENT DEVELOPMENT AUTHORITY (MIDA)

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YEAR OF ESTABLISHMENT

1967

NO. OF STAFF

776

GEO-COORDINATES

3.132965, 101.683897

AREA OF EXPERTISE

Principal investment promotion agency for the manufacturing and selected services sectors in Malaysia.

STRENGTHS AND ACHIEVEMENTS

Global network of 20 overseas offices across Asia, Australia, Europe and USA.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Ongoing collaborations with Korea, Qatar and Taiwan.

Strengths and Achievements

With its headquarters in Malaysia's capital city of Kuala Lumpur, MIDA has established a global network of 20 overseas offices covering Asia, Australia, Europe and USA to assist investors interested in establishing manufacturing projects and services. MIDA has also established 12 state offices in Malaysia to assist investors in implementing their manufacturing projects and services.

Projects Undertaken (Domestic)

1. MIDA i-Services Portal

MIDA i-Services Portal is a business linkage platform to connect local service providers and their potential clients with both domestic and foreign companies.

2. MIDA i-Incentives Portal

I-Incentives is a portal that provides information on investment incentives offered by the Federal Government of Malaysia.

Recognition and Awards

In 2015, 2016 and 2019, MIDA was awarded the Top Investment Promotion Agency award in the Asia-Pacific National category by the Site Selection, an internationally-circulated business

publication covering corporate real estate and economic development.

International Cooperation Programme / Success Stories

1. MIDA signed a Memorandum of Understanding (MoU) with the Investment Promotion Agency Qatar (IPAQ) to enhance mutual cooperation in generating investment crossflows between the two countries (2019).
2. MIDA signed an MoU with the Korea Trade-Investment Promotion Agency (KOTRA). The partnership includes information exchange on investment environment, opportunities, and promotion activities, as well as best practices of investment promotion (2019).
3. MIDA partnered with the Industrial Technology Research Institute (ITRI), Taiwan through an MoU to encourage, facilitate and promote economic cooperation in the areas of trade, investments and Small and Medium Enterprise (SME) development, particularly in Smart Manufacturing and Industry 4.0, Internet-of-Things and Circular Economy (2018).



126 Malaysia International Islamic Financial Centre (MIFC)

128 INCEIF, The Global University of Islamic Finance

130 Amanie Advisors Sdn. Bhd. (Amanie)

132 Souqa Fintech Sdn. Bhd. (PayHalal)

134 ZICO Shariah Advisory Services (ZICO)

99



Islamic Finance and Advisory

The Islamic Finance marketplace in Malaysia comprises a diverse range of entities and bodies. At the national level, there are government ministries and agencies, as well as regulators; while Islamic banks, takaful operators, re-takaful operators, Islamic asset and fund managers, and Islamic capital market intermediaries represent industry players. This ecosystem also comprises talent development institutions and professional ancillary services companies.

What underlies this system are robust regulatory, supervisory, Shariah and legal frameworks; a deep primary market, active secondary sukuk (Islamic financial certificates) market; and diverse players with global capabilities and connectivity for business anywhere in the world.

Financial institutions and professional ancillary services providers in Malaysia are instrumental in facilitating the growth of the industry beyond national borders. Human capital development is also a focal point in the industry. Various providers offer academic courses (public and private education institutions), training programmes and certification programmes in Islamic finance.

The Islamic financial system has become an integral component of the overall financial system in Malaysia. The Islamic banking industry commands 36.6% of total banking assets, while takaful industry stands at 16.3% of total net contribution. In addition to that, the volume of annual Islamic interbank transactions reached over RM4 trillion. The Islamic capital market represents 61% of Malaysia's overall capital market. Globally, the country continues to be at the forefront with 48.8% market share of total global sukuk outstanding and 33.8% of global Islamic assets under management.

In recent years, Malaysia has spearheaded a number of innovative developments, aimed to spur the vibrancy of this thriving industry. Islamic financial institutions are creating greater differentiation in its financial services solutions by focusing on generating positive and sustainable outcomes, as well as integrating social finance and risk sharing instruments through the use of technology.

Malaysia is globally recognised for its comprehensive ecosystem. This reflects its leading position in the Islamic Finance Development Indicator (IFDI) for six consecutive years. Its Islamic financial stakeholders have significantly supported the advancement of the Islamic finance industry either in advanced or new Islamic finance markets.

MALAYSIA INTERNATIONAL ISLAMIC FINANCIAL CENTRE (MIFC)

MALAYSIA

WORLD'S ISLAMIC FINANCE MARKETPLACE

Introduction

Malaysia International Islamic Financial Centre (MIFC) is an aspiration founded in 2006 during the development of Malaysia's Islamic finance market.

Area of Expertise

A unique proposition of the Malaysian Islamic finance landscape is the availability of a diverse set of industry players, which comprises:

1. Banking

- i. 16 Islamic Banks
- ii. 12 Islamic Windows
- iii. 6 Development Financial Institutions

2. Takaful (Islamic Insurance)

- i. 15 Takaful Operators
- ii. 4 Re-takaful Operators

3. Fund Managers

- i. 53 fund managers offering Shariah compliant funds

4. Professional Ancillary Services & Talent Entities

- i. More than 100 firms offering Islamic Finance Services in Shariah Advisory, Technology, Rating Services, Account & Audit, Legal, Human Capital Development and Commodity Trading Platforms.

The financial institutions and professional ancillary services providers in Malaysia are instrumental in facilitating the

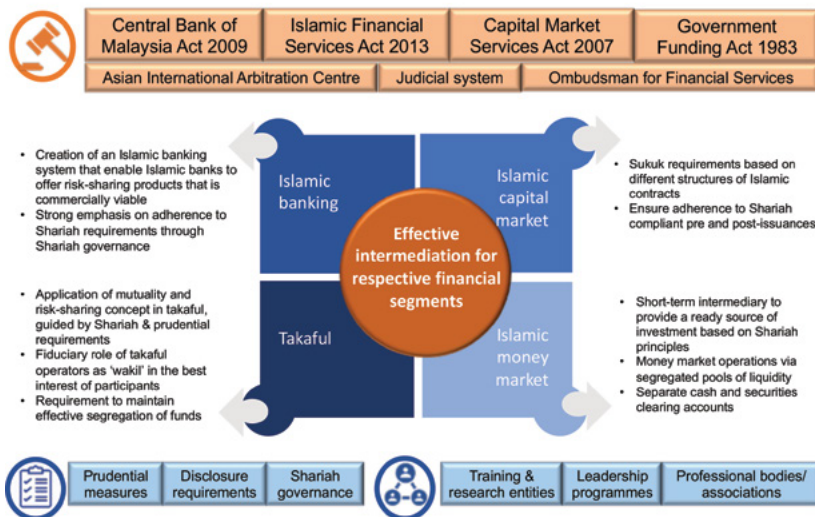


Diagram 1: Effective Functioning of a Dual Financial System in Malaysia

growth of the industry beyond national borders. Human capital development is also a focal point in the industry. Various providers offer academic courses (public and private education institutions) and training certification programmes in Islamic finance.

Strengths and Achievements

Over the past 40 years, Malaysia has progressively developed a competitive and fully functioning dual financial system (Diagram 1). As such, the Islamic financial system has become an integral component of the overall financial system in Malaysia.

As at end-2018, the Islamic banking industry commands 36.6% of total banking assets, while takaful industry stands at 16.3% of total net contribution (Diagram 2).

In 2018, the volume of annual Islamic interbank transactions reached RM4.3 trillion. Islamic capital market represents 61% of Malaysia's overall capital market. Globally, as at end-September 2019, the country continues to be at the forefront with 48.8% market share of total global sukuk outstanding and 33.8% of global Islamic assets under management.

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STRENGTHS AND ACHIEVEMENTS

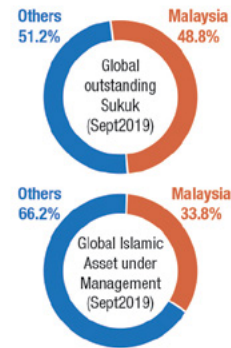
Malaysia is globally recognised for its comprehensive Islamic Finance ecosystem and has lead the Islamic Finance Development Indicator (IFDI) for six consecutive years.

INTERNATIONAL COOPERATION / SUCCESS STORIES

MIFC community members have supported the advancement of the Islamic Finance industry in both advanced and new Islamic finance markets.

21% Market share of total global Islamic financial asset as at 2018

Key driver in global sukuk and Islamic funds



Steady growth in banking and takaful

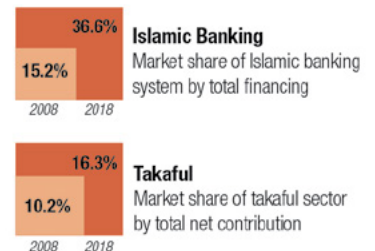


Diagram 2: Malaysian Islamic financial assets

In recent years, Malaysia has spearheaded a number of innovative developments, aimed to spur the vibrancy of this thriving industry. Several of these initiatives are:

1. Value-based Intermediation (VBI)

Deliver the intended outcomes of Shariah through practices, conduct and offerings that generate positive and sustainable impact to the economy, community and environment. Examples include:

- i. First working capital financing for women entrepreneurs, equipped with financial literacy.
- ii. Islamic index-based investment scheme (Environmental, Social, and Governance (ESG) compliant).
- iii. ESG consideration in financing and investment decisions.

2. Fintech/Social Finance

Nurturing a collaborative ecosystem for social finance and enhance roles of Islamic banks to support funds intermediation and investments activities.

- i. myWakaf: A waqf platform established by six Islamic banks & AIBIM with projects that include a hemodialysis services, boat waqf project and school.
- ii. Investment Account Platform.

A platform to facilitate channeling of funds from investors to finance viable ventures and projects.

3. Sustainable & Responsible Investment (SRI)

Strengthening Malaysia's capital market value proposition to support sustainable finance and investment activities, whilst deepening the

range of financial products available in the market.

- i. Creation of roadmap: SC released the SRI Roadmap to create a facilitative environment for the SRI ecosystem and chart the role of the capital market in driving Malaysia's sustainable development.
- ii. Landmark issuances and products
 - World's first SRI sukuk, green sukuk and SDG sukuk
 - World's first ESG multi-currency sukuk fund
 - Malaysia's first Shariah-compliant SRI equity fund

Recognition and Awards

Malaysia is globally recognised for its comprehensive ecosystem. This is reflected in its leading position in the Islamic Finance Development Indicator (IFDI) for six consecutive years in areas of quantitative development, governance, knowledge and awareness.

International Cooperation Programme / Success Stories

Malaysian Islamic financial stakeholders have supported the advancement of the Islamic finance industry either in advanced or new Islamic finance markets. Examples of roles by Malaysian entities in facilitating the growth of the global Islamic finance include:

- 1. Advisory on regulatory and legal framework to enable Islamic finance.
- 2. Advisory on world's first green sovereign sukuk.
- 3. Technical expertise of various global standard setting bodies.
- 4. Shariah expertise for multilaterals and Islamic financial institutions on Islamic finance matters.

INCEIF, THE GLOBAL UNIVERSITY OF ISLAMIC FINANCE



Introduction

The International Centre for Education in Islamic Finance (INCEIF) was established in 2005 by Bank Negara Malaysia to nurture Islamic finance professionals and experts with the intent to address human capital needs of a rapidly expanding global Islamic financial service industry.

The establishment of INCEIF, with the strong support of Bank Negara Malaysia, Malaysia's central bank, reflects Malaysia's continuous effort and commitment towards the development of a progressive Islamic financial industry.

Having been granted Private Higher Education Institution status in March 2006 and accorded University status in December 2006, INCEIF is now known as The Global University of Islamic Finance. As a university dedicated to postgraduate studies in INCEIF Islamic academic programmes, the institution offers an industry-driven Islamic finance curriculum covering the full spectrum of the financial services industry. Being the world's only university of its kind, INCEIF syllabus is structured with inputs from industry players to bridge the gap between academic knowledge and industry experience.

The INCEIF alumni are currently spread over 72 countries with international



students making up at least 40 percent of the INCEIF student population.

Area of Expertise

With a vision of being the knowledge leader in Islamic Finance, INCEIF's expertise includes Applied Shariah in Islamic Financial Services industry; Macroeconomics & Islamic Monetary Policy; Islamic Social Finance; Risk Management for Islamic Financial institutions; Value-Based Intermediation; Microfinance, Wakaf (dedication of a property), Financial inclusion & Social Economic Development; Applied Quantitative Research; and Blockchain and Islamic Wealth Management/Islamic Capital Market.

Besides this, INCEIF is also committed to:

1. Elevating and advancing Islamic financial knowledge to develop the global Islamic finance industry;
2. Developing leaders that will shape the future of finance by providing prestigious learning programmes;

3. Serving as a nucleus for collaboration with other like-minded institutions to jointly develop the Islamic financial knowledge-base;
4. Attracting and retaining best talents for its faculty members and key staff;
5. Providing relevant Islamic finance advice and input to support the government and public sectors; and
6. Creating awareness on Islamic finance and encouraging the uptake of corporate responsibility towards the community.

Strengths and Achievements

To date, INCEIF has successfully launched various Executive Programmes in the areas of Islamic Banking, Takaful, Shariah, Islamic Capital Market, Risk Management and Islamic Wealth Management. Aside from this, INCEIF also boasts of its global footprint with operations spanning across cities such as Dakar, Dubai, Istanbul, London, Luxembourg, Muscat, Nairobi, Pakistan, Tokyo and Washington DC.

INCEIF, THE GLOBAL UNIVERSITY OF ISLAMIC FINANCE

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Social Media Management)

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YEAR OF ESTABLISHMENT

2005

NO. OF STAFF

97

GEO-COORDINATES

3.119588, 101.648203

AREA OF EXPERTISE

Nurtures Islamic finance professionals
and experts.

STRENGTHS AND ACHIEVEMENTS

Global footprint spanning across cities
such as Dakar, Dubai, Istanbul, London,
Luxembourg, Muscat, Nairobi, Pakistan,
Tokyo and Washington DC.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Collaboration with universities in Belgium,
Japan, Maldives, Mombasa, Pakistan,
Turkey, USA and Yemen.



Additionally, INCEIF is world-renowned as the best knowledge management centre in Islamic Finance. Its Knowledge Management Portal provides users with access to wide-scale information and enables the sharing of Islamic finance research output and industry insights.

And to further add to its credibility, INCEIF has been accorded the status 'Project of National Interest'. With this, all monetary contributions to INCEIF are eligible for tax deductions.

Projects Undertaken (Domestic)

1. Reviews on Islamic consumer financing contracts for local banks;
2. VBI Financing and Investment Impact Assessment Framework (VBIAF);
3. Collaboration with Malaysian Technology Development Corporation (MTDC) in the creation of sustainable technopreneurs;
4. Sustainable policy development and operation framework for CIMB Bank;
5. Partnership with MIMOS, Malaysia's national applied research and development centre, on Islamic fintech; and

6. Exploring the feasibility of an innovative financing and investment platform to realise the potential of renewable energy and energy efficiency with the Ministry of Energy, Science, Technology, Environment and Climate Change.

Projects Undertaken (International)

On the international front, INCEIF has partnered with the International Federation of Red Cross and Red Crescent Societies (IFRC) to pave the way for stronger humanitarian action.

Recognition and Awards

Some of the recognition and awards received include:

1. Global Recognition of Quality Award.
2. Most Outstanding Islamic Finance Education and Research Award.
3. 5-Setara Malaysian Government Recognition and Ranking Award.
4. Islamic Economy Award.

International Cooperation Programme / Success Stories

Among its global initiatives include collaboration with universities in Belgium, Japan, Maldives, Mombasa, Pakistan, Turkey, USA and Yemen.

AMANIE ADVISORS SDN. BHD. (AMANIE)



Introduction

Amanie Advisors Sdn. Bhd. (Amanie) is an independent Shariah global advisory firm founded on the core values of integrity, transparency, commitment and accountability. Established in 2005, it was founded by Datuk Dr. Mohd Daud Bakar, a globally renowned Shariah scholar.

Amanie was established with the aim of addressing the global needs for experts' and Shariah scholars' pro-active input. It was envisioned that this would ultimately allow the players in the industry to manage and achieve their business and financial goals in accordance with Shariah Principles. Besides this, Amanie also focuses on the organisational aspect of the development of human capital in Islamic finance worldwide. This is undertaken by providing updated quality learning that embraces both local and global issues of Islamic financial products and services.

Currently, Amanie comprises a team of professionals from diverse backgrounds such as Shariah, investment banking, legal, accounting and auditing, economics, capital market and fund management. To date, its presence spans across offices in Astana, Dubai and Kuala Lumpur.

Amanie's uniqueness is its independence and relationship-driven business focus.



Amanie currently serves government agencies, large corporations as well as financial and non-financial institutions.

Area of Expertise

Being a full-service Shariah advisory firm, Amanie's key areas of expertise and practice include:

1. Islamic Banking & Finance;
2. Islamic Capital Market;
3. Islamic Asset Management;
4. Islamic Real Estate Investment Trusts (i-REITs);
5. Islamic Structured Products;
6. Takaful (Islamic Insurance);
7. Shariah Audit and Review;
8. IT & Web Solution Advisory;
9. Shariah-Compliant Cryptocurrency, Blockchain, Big Data and AI;

10. Research & Feasibility Study; and
11. Training and Human Capital Development.

Strengths and Achievements

Guided by its international Shariah Supervisory Board, Amanie provides end-to-end Shariah solutions to its clients. Their solutions are measured against high-level fiduciary standards.

Islamic capital markets, retail/wholesale banking, project finance and asset management are the key areas of Amanie's strength. As an advisory firm, it continually breaks new ground in advising clients on strategic transactions, and in pioneering the global expansion of Islamic finance.



Projects Undertaken (Domestic)

Over the last decade, Amanie has successfully undertaken countless projects in the areas of:

1. Transaction Structuring & Product Development,
2. Sukuk Issuance,
3. Islamic Set Up & Shariah Framework,
4. Fintech,
5. Islamic Funds,
6. Shariah Supervisory Board /Shariah Secretariat, and
7. Shariah Gold Standard & Products.

Projects Undertaken (International)

Amanie's international achievements boast an equally extensive list. It has worked with:

1. World Gold Council (United Kingdom),
2. Central Bank of Afghanistan,
3. Tabung Amanah Islam Brunei,
4. Towers Watson Singapore,
5. Al Khaliji Islamic Bank Qatar,
6. Nomura Research and Advisory Japan, and
7. Astana International Financial Centre Kazakhstan.

Recognition and Awards

Since the establishment of Amanie in 2005, it has strived to be one of the most reputable and best Shariah advisory firms in the world. Its credibility has been proven through the numerous awards received. Amongst these are:

1. Islamic Business & Finance, Southeast Asia Award, 2017 and 2018.
2. Global Islamic Finance Awards, 2016 and 2017.
3. London Sukuk Summit Awards, 2015 and 2016.
4. Global Islamic Economy Summit, 2015.
5. Islamic Finance News, 2014.

AMANIE ADVISORS SDN. BHD. (AMANIE)

ADDRESS

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YEAR OF ESTABLISHMENT

2005

NO. OF STAFF

18

GEO-COORDINATES

3.162924, 101.717239

AREA OF EXPERTISE

Independent Shariah global advisory firm.

STRENGTHS AND ACHIEVEMENTS

Serving as Shariah Advisor to clients ranging from government agencies, banks, asset management companies, corporation, Sukuk, Islamic funds and other Islamic financial instruments worldwide.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Projects with Permodalan Nasional Berhad, Tabung Haji, Bursa Malaysia, World Gold Council (United Kingdom), Central Bank of Afghanistan, Tabung Amanah Islam Brunei, Towers Watson Singapore, Al Khaliji Islamic Bank Qatar, Nomura Research and Advisory Japan and Astana International Financial Centre Kazakhstan.

SOUQA FINTECH SDN. BHD. (PAYHALAL)

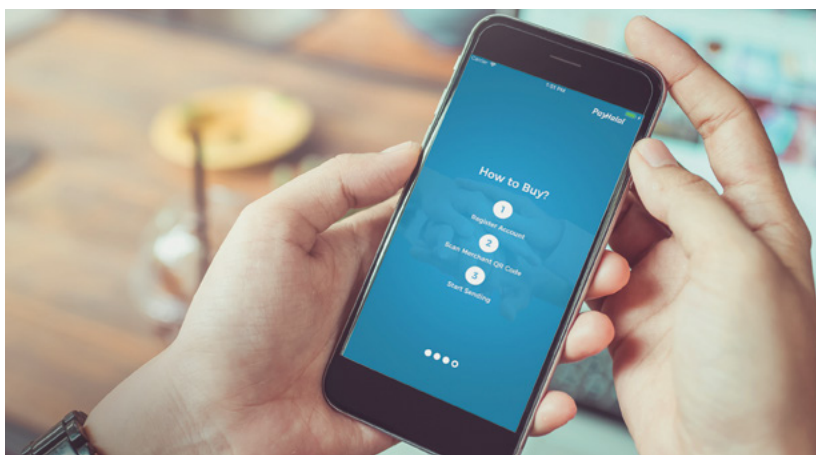


Introduction

Souqa Fintech Sdn. Bhd. is a company registered in Malaysia since 2015. It provides financial technology solutions designed to make Malaysia the No.1 destination for Islamic Digital Financial Services through PayHalal, a finance-based Shariah compliant application.

PayHalal's Islamic fintech solutions are attested by Amanie Advisors, a leading Shariah advisory firm specialising in Islamic finance solutions. PayHalal's primary role is to act as a wakeel (trustee) between Halal Market Merchants - who are generally non-Muslim - in enabling a payment gatekeeper to monitor and protect the interests of Muslim consumers carrying out transactions online. It operates according to the highest standards of Shariah governance whereby all of PayHalal's merchants, vendors and digital assets are Shariah compliant.

From online Islamic fintech to other Application Programming Interface (API) solutions driven by big data, PayHalal aims to enable financial transactions without was-was (doubt). PayHalal hosts and consolidates all bank accounts into one application allowing for a single source tracking and monitoring platform. This is highly convenient for all consumers, regardless of their bank of choice.



Area of Expertise

Souqa Fintech's aim is to educate, engage and empower Muslim merchants and consumers through fintech development, Shariah Robo Advisory, Shariah compliant payment technology, Artificial Intelligence, machine learning and robotics.

PayHalal will bridge the gap in the Halal marketplace by increasing the understanding of how Halal e-commerce and Islamic payment gateways and instruments can integrate to meet global Halal standards.

Strengths and Achievements

Research indicates online merchants that added PayHalal as a payment option to engage Muslim buyers see an average sales increase of 14%. The reason being Muslim buyers are inclined to use PayHalal simply because the brand



resonates with their beliefs. Furthermore, with over 1.6 billion Muslims worldwide, there is a substantial bracket of loyal Muslim consumers to be acquired online via PayHalal.

Due to the conventional methodology of digital payments which lacks Halal processes in clearance and settlement, PayHalal aims to protect Muslims' transactions through an online payment gateway that is untainted. This guarantee is made possible due to PayHalal's inherent payment process feature that eliminates the 'Riba-element' where



interest payments are forbidden under Islam. It generally facilitates the full benefits of Islamic fintech to Muslims in performing their Fardu Ain (religious obligation) and Fardu Kifayah (communal obligation) in their everyday lives through partnerships with various Islamic Banks and Halal Merchants.

Since its launch in 2018, PayHalal has grown steadily in comparison to its contemporaries. It is estimated that over 3 million Muslim users will sign-up for PayHalal's services with more than RM480 million payment transactions conducted through the PayHalal Islamic financial engine by 2020.

Driven by the calibre of its founding members who are eminent Islamic Financial Specialists, PayHalal prides itself in the successful development of the

world's first Islamic Payment switch, 'Al Sirat' and payment gateway featuring an Islamic merchant acquiring system.

Projects Undertaken (Domestic)

Collaboration with government Authorities such as Pusat Pungutan Zakat (alms collection centre), International Shari'ah Research Academy for Islamic Finance (ISRA), International Centre for Education in Islamic Finance (INCEIF).

Projects Undertaken (International)

Collaboration with Zurich Takaful.

Recognition and Awards

Its string of awards include:

1. Best Islamic Fintech Program, GIFA (Global Islamic Finance) AWARDS, 2019.
2. Brandlaureate World Halal BestBrands Award, 2019.
3. The European Award – Global Banking & Finance Award, 2019.

International Cooperation Programme / Success Stories

PayHalal's many accolades and achievements include successful collaborations with Zurich Takaful and government authorities such as Pusat Pungutan Zakat (alms collection centre), International Shari'ah Research Academy for Islamic Finance (ISRA), International Centre for Education in Islamic Finance (INCEIF). PayHalal has also partnered with organisations such as Visa; Gerakan Desa Mas Indonesia, which serves over 80 million muslims; and Ethis Global Sadaqah in championing an Islamic Digital Ecosystem.

SOUQA FINTECH SDN. BHD. (PAYHALAL)

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YEAR OF ESTABLISHMENT

2015

NO. OF STAFF

13

GEO-COORDINATES

3.151749, 101.666007

AREA OF EXPERTISE

Fintech Development, Shariah Robo Advisory, Shariah Compliant Payment Technology, Artificial Intelligence, Machine Learning and Robotics.

STRENGTHS AND ACHIEVEMENTS

Developed the world's first Islamic Payment switch, 'Al Sirat' and payment gateway featuring an Islamic merchant acquiring system.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Collaborations with Zurich, Pusat Pungutan Zakat (alms collection center), International Shari'ah Research Academy for Islamic Finance (ISRA), International Centre for Education in Islamic Finance (INCEIF), Gerakan Desa Mas Indonesia, Ethis Global Sadaqah and Visa.

ZICO SHARIAH ADVISORY SERVICES (ZICO)



Introduction

ZICO Shariah is a leading Shariah advisory service provider that offers a full suite of services ranging from Islamic finance to family matters. Licensed by the Securities Commission of Malaysia and approved by the Central Bank of Malaysia, ZICO provides Shariah advice that is enhanced by their extensive experience and legal insights in local and cross-border Islamic finance transactions.

Given their portfolio, the ZICO team possesses Shariah, finance, business and legal qualifications, and have over a decade of experience in structuring, drafting, advisory and consultation work in relation to Islamic finance.

With an extensive domestic client database comprising of regulatory authorities, financial institutions, corporations and individuals, ZICO has also extended its services into Indonesia via its affiliate firm, PT Zahir Syariah Indonesia.

Area of Expertise

ZICO's areas of expertise are wide and extensive. This includes advisory on Shariah compliance; regulatory compliance; Shariah advisory for corporations; Shariah governance structure; structuring of Islamic instruments and drafting of legal



documentation; drafting of policies, manuals and procedures; law reforms to facilitate Islamic finance; establishment of Islamic operations; monitoring of Shariah compliant funds; Islamic wealth management; Islamic family law; and advisory on halal certification matters.

Strengths and Achievements

Since its establishment in 2007, ZICO boasts of many achievements. With a deep understanding and knowledge of Islamic financial services in Malaysia and globally, they have been involved in numerous strategic and master planning studies for government and regulatory authorities and multi-lateral institutions.

In addition to that, considering that they possess a multi-disciplinary team with strong regional experience and global knowledge, their expertise has been sought to advise international financial

centers on enhancing their competitive edge. Furthermore, they work closely with other economics, Shariah and finance experts from around the world and hence have successfully carried out multiple Islamic finance projects internationally.

Projects Undertaken (Domestic)

Over the last decade ZICO has worked tirelessly on numerous local assignments. These include:

1. Labuan International Business & Financial Centre,
2. Employees Provident Fund Malaysia,
3. Securities Commission of Malaysia,
4. Central Bank of Malaysia,
5. Pengurusan Danaharta Nasional Berhad,
6. Malaysian Industrial Development Authority (MIDA),
7. Islamic Financial Services Board,
8. Lembaga Tabung Haji,
9. Public Mutual Berhad,



10. Kuala Lumpur Stock Exchange,
11. Hong Leong Islamic Bank Berhad,
12. Etiqa Takaful Berhad,
13. Great Eastern Takaful Sdn. Bhd.,
14. Malaysian Takaful Association & Malaysian General Insurance Association of Malaysia,
15. Takaful Ikhlas Sdn. Bhd. and Retakaful Berhad,
16. Amundi Asset Management,
17. CIMB Investment Bank Berhad, and
18. The Government of Malaysia.
5. Islamic Development Bank-IRTI Sukuk Legislative Guide Project;
6. Accounting & Auditing Organization for Islamic Financial Institutions;
7. International Islamic Financial Market;
8. Gulf Cooperation Countries;
9. Dubai International Financial Centre;
10. State Capital Investment Corporation of Vietnam;
11. Asian Development Bank;
12. People's Bank of China;
13. Islamic Bank of Thailand; and
14. Islamic Development Bank and Asian Development Bank.

Projects Undertaken (International)

Similarly, their foreign projects list is just as extensive including:

1. Regional Financial Centre of Almaty, Kazakhstan;
2. Financial Services Authority of Japan;
3. National Bank of Tajikistan;
4. Central Bank of Mauritania;

International Cooperation Programme / Success Stories

Collaborations with stakeholders in China, Indonesia, Japan, Kazakhstan, Mauritania, Tajikistan, Thailand, Vietnam and more.

ZICO SHARIAH ADVISORY SERVICES (ZICO)

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(Director)

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WEBSITE

www.zico.group

YEAR OF ESTABLISHMENT

2007

NO. OF STAFF

15

GEO-COORDINATES

3.146774, 101.662312

AREA OF EXPERTISE

Shariah advisory service provider.

STRENGTHS AND ACHIEVEMENTS

Undertaken numerous strategic and master planning studies for governments, regulatory authorities and multi-lateral institutions.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Global recognition and presence particularly in China, Indonesia, Japan, Kazakhstan, Mauritania, Tajikistan, Thailand, Vietnam and more.



138 Media Prima Berhad (Media Prima)

140 Penumbra Communications (M) Sdn. Bhd.



12

Media and Entertainment

In the past, broadcasters generated revenue mainly from advertising or subscription business models. Today, major broadcasters are distributing their content via dedicated access networks as well as offering Over-The-Top (OTT) services. These developments widen audience reach and offer greater operating efficiencies.

Radio remains as one of the primary information media, with a reach of 20 million listeners. Most listen to the radio in the morning and afternoon as listeners commute from home to office and vice versa, with an estimated 14 million listeners in the morning.

Malaysia recorded a total advertising expenditure (ADEX) of an estimated RM4.9 billion. The internet garnered the most ADEX at RM1.5 billion followed by television at just over RM1 billion.

Digital ADEX is gaining popularity among advertisers due to factors such as cost effectiveness, global reach, increased targeted audience and multi-platform accessibility, aside from opportunities for content monetisation and branding.

The move towards digital services is impacting everyone. It is a powerful tool for increasing productivity and accelerating economic development. Digitalisation continues to change the way we shop with e-commerce solutions; how we watch television, videos

and listen to the radio as well as connect our smart appliances. This is just the beginning of an endless list of products and services that will form the new landscape of our connected well-being.

The social media platform has become the most important medium that consumers turn to for information about products and services. The advent of Information Technology as well as the rapid growth in availability of internet and mobile connectivity to the world wide web are key enablers to this phenomenon. Additionally, the pace at which new innovations have escalated, especially in computer and mobile devices, has contributed to the dominance of social media in touching every facet of our lives. Today, people from all ages are well-connected to the rest of the world, and marketers have deployed this connectivity to use social media platforms as the primary media of choice to reach consumers.

It comes as no surprise then that many businesses have channeled their marketing and promotional efforts from traditional mainstream media such as newspaper, radio and TV advertising to the social media platforms instead.

MEDIA PRIMA BERHAD (MEDIA PRIMA)



Introduction

Listed on the Main Board of Bursa Malaysia (Stock Exchange of Malaysia), Media Prima Berhad is Malaysia's leading and largest fully integrated media company with businesses in television, newsprint, radio, Out-of-Home advertising, content creation and digital media.

Established in 2003, the group is home to some of Malaysia's oldest and most beloved media brands.

Area of Expertise

In television, the group maintains its number one domestic broadcast position through its four channels — TV3, 8TV, ntv7, and TV9. Media Prima is also home to popular home shopping network, CJ WOW SHOP, and is the pioneer behind 'tonton', Malaysia's first and popular video streaming portal.

It owns The New Straits Times Press (Malaysia) Berhad, Malaysia's largest publisher with three national news brands — New Straits Times, Berita Harian and Harian Metro, consumer brands — education portal FullAMark, and women's lifestyle portal Hijab & Heels.

The group is home to RIPPLE, an audience-focused digital media, broadcast and commerce company that engages audiences through content,



talents, experiences and platforms. This includes eight digital brands — Dhia, Donna, Lunaria, Thelaki, Likely, Chapters, Wakeke and Ais Kacang; four broadcast brands — Fly FM, Hot FM, One FM and Kool FM, and an e-commerce brand — SuperDeals.

Strengths and Achievements

Media Prima is the market leader in Out-of-Home Advertising represented by Big Tree, The Right Channel, Kurnia Outdoor, Gotcha, UPD, and Big Tree Seni Jaya. The Group also owns Primeworks Studios, Malaysia's largest content production company.

Its digital media subsidiary, Media Prima Digital, was founded to innovate digital solutions and creative strategies for the group. Its online publishing arm, REV Asia, is home to popular online brands targeted at youth culture in Malaysia and Southeast



Asia. Media Prima Labs, a unit under Media Prima Digital, aims to extend the group's unique intellectual properties into the expanse of technological innovation and games.

Projects Undertaken (Domestic)

In 2015, Media Prima embarked on a new mission and strategic business transformation plan to become



Malaysia's leading digital-first content and commerce company. In 2016, it partnered with a South Korean company to launch CJ WOW SHOP in Malaysia, a home shopping network that integrates television, online and mobile platforms.

Media Prima has distributed several of its popular and award-winning television shows and films to popular video streaming services to reach international audiences.

Projects Undertaken (International)

In 2017, Media Prima Digital acquired REV Asia Holdings (REV Asia), a subsidiary of REV Asia Berhad — one of Southeast Asia's largest digital media groups. Since then, REV Asia's portfolio has expanded to include online brands that cater to audiences in Indonesia, Malaysia, Singapore and the Philippines.

Recognition and Awards

1. Digital Publisher of the Year, Malaysian Digital Association (MDA) Awards, 2019.
2. Most Outstanding Company (Consumer Discretionary Sector), Asiamoney Asia's Outstanding Companies Poll, 2019.
3. Media Company of the Year; Best Event by Media Owner (Silver), The Spark Awards, 2018.

4. Best Corporate Governance in Media in Asia category, Ethical Boardroom Corporate Governance Award, 2018.
5. Gold Award for Media Prima 2016 Annual Report, Australasian Reporting Awards.
6. Certificate of Merit, National Annual Corporate Report Awards (NACRA), 2017 and 2018.
7. International Grand Award for Non-Traditional Annual Report in Asia/Pacific category; Gold Award for Non-Traditional Annual Reports in Media Company: Other Country category, ARC Awards International, 2017.
8. Best Corporate Governance in Media Company in Asia category, Ethical Boardroom UK Award, 2017.
9. Best Companies to Work For in Asia, HR Asia, 2017.
10. Media Owner of The Year, The Spark Awards, 2017.

Success Stories

Media Prima's strong television viewership allowed the group to successfully venture into home shopping via CJ WOW SHOP, a segment that has registered strong growth. In 2018, Media Prima became the number one choice for mobile content in Malaysia ahead of Google and Facebook, according to US-based media measurement and analytics company Comscore.

**MEDIA PRIMA BERHAD
(MEDIA PRIMA)**

ADDRESS

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(Group General Manager,
Group Corporate Communications)

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WEBSITE

www.mediaprima.com.my

YEAR OF ESTABLISHMENT

2003

NO. OF STAFF

3,897

GEO-COORDINATES

Sri Pentas: 3.146449, 101.617927
Balai Berita Bangsar: 3.123588, 101.674677

AREA OF EXPERTISE

Malaysia's leading and largest fully integrated media company.

STRENGTHS AND ACHIEVEMENTS

Number one domestic broadcast position, leader in Out-of-Home Advertising and Malaysia's largest publisher.

**INTERNATIONAL COOPERATION/
SUCCESS STORIES**

In 2018, Media Prima became the number one choice for mobile content in Malaysia ahead of Google and Facebook according to US-based media measurement and analytics company Comscore.

PENUMBRA COMMUNICATIONS (M) SDN. BHD.



Introduction

Penumbra Communications (M) Sdn. Bhd. is an agency specialising in strategic advertising, multidisciplinary design, events and television and film production based in Kuala Lumpur. Supported by a wide pool of in-house creative staff and a diverse team of talent, the Agency has over 25 years' experience in creating unique client-oriented solutions while maintaining extremely competitive advertising, promotions, design and execution packages.

Penumbra proudly services a wide stable of renowned clients and has worked on numerous international and local projects from government agencies, corporations and charity organisations.

Area Of Expertise

1. Advertising

- i. Advertising & Promotions Campaigns
- ii. Script Writing
- iii. TV Commercials
- iv. Radio Commercials
- v. Media Planning
- vi. Social Media Promotions

2. Graphic & Commercial Design

- i. Commercial Design, Print and Publication
- ii. Corporate Branding
- iii. Logo Design

- iv. Corporate Gifts & Packaging Design

- v. Web Design

3. Television & Video Production

- i. TV Programmes
- ii. Corporate Presentation Videos
- iii. Events
- iv. Archive Coverage

4. Events & PR Exercise

- i. Event Planning
- ii. Media Buying & Planning

5. Spatial Design

- i. Set & Stage Design
- ii. Art Direction Design-and-Build
- iii. Exhibition & Display Spaces

Strengths And Achievements

Penumbra Communications believes in the closest possible collaboration insofar as creative work is concerned. From conceptualisation to completion clients are involved in every stage of the process, resulting in an end product that truly reflects their strategic needs and outlook and as espoused by their vision and corporate philosophy.

Some of Penumbra's achievements include the creation of a branding profile and logo as well as Firefly's (the airlines) present livery. Penumbra has also worked with government agencies such as MATRADE, Bank Simpanan Nasional (BSN), Tourism Malaysia and Tenaga Nasional Berhad (TNB), providing branding, advertising and

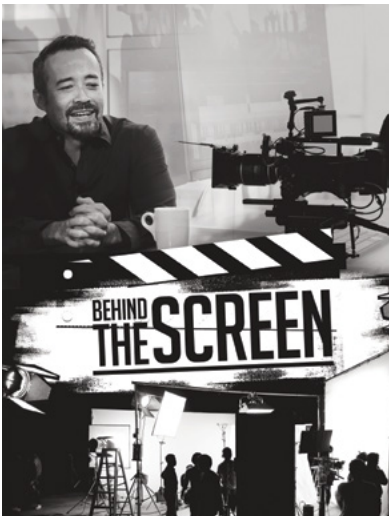


promotions, PR, corporate videos, TVCs, social media content and management as well as annual reports.

The Agency has also been behind ground breaking events and campaigns that continue to be a part of their clients' repertoire such as the RHB Bank 'Art With Heart' Corporate Social Responsibility event and Tourism Malaysia's 'Miss SHOPhia, Malaysia's Shopping Buddy' campaign.

Projects Undertaken (Domestic)

1. Advertising & Promotions, Branding, PR, TVC, Corporate video
 - iv. MATRADE
 - v. MRCB (Malaysian Resources Corporation Berhad)
2. Festive Video & Print Ads
 - i. Tenaga Nasional Berhad
 - ii. RHB Bank



3. Social media management & content, Website

- i. Tourism Malaysia (Miss SHOPhia, Malaysia's Shopping Buddy)
- ii. RHB Foundation

4. Events, Exhibition & Display spaces

- i. MATRADE mission to Dubai, Abu Dhabi
- ii. Tourism Malaysia Exhibition, Muscat, Oman
- iii. RHB Art With Heart
- iv. BSN SSP Carnival

5. Annual Report

- i. MATRADE
- ii. Tourism Malaysia
- iii. Malaysian Communications and Multimedia Commission (MCMC)

- iv. Yayasan Tenun Pahang Diraja (foundation to preserve the art of making Royal Pahang woven cloth)

6. TV Programmes, Public Service Announcements (PSAs):

- i. Radio Televisyen Malaysia (RTM)

Projects Undertaken (International)

Penumbra has carried out advertising and promotions work for Tourism Malaysia specifically targeting the West Asia market. This includes crafting advertising and promotions strategies, creating television commercials, designing for print media and social media content as well as undertaking strategic media acquisitions and implementation.

Recognition And Awards

1. "Miss SHOPhia", The Most Favourite Promotional Strategy, U Travel Magazine Awards, Hong Kong, 2016.
2. 'Malaysia: Land of Memories', Second Star in the Spot Category, International Tourismus Börse (ITB) Berlin, 2016.
3. Grand Winner, Chinese New Year Greeting Award, Sin Chew Daily, 2011.
4. Winner, Visit Malaysia 2007 Logo Competition, Tourism Malaysia, 2006.

PENUMBRA COMMUNICATIONS (M) SDN. BHD.

ADDRESS

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Noor Laila Hj. Othman
(Managing Director)

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E: ella.penumbra@gmail.com

WEBSITE

www.penumbracommunications.com

YEAR OF ESTABLISHMENT

1998

NO. OF STAFF

15

GEO-COORDINATES

3.122494, 101.674693

AREA OF EXPERTISE

Multidisciplinary agency specialising in strategic advertising, multidisciplinary design, television and film production, and events.

STRENGTHS AND ACHIEVEMENTS

Supported by in-house creatives and has worked on numerous projects locally and abroad for Malaysian government agencies, private and charity organisations.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Carried out advertising and promotions work for Tourism Malaysia in the West Asia market, with the video 'Malaysia: Land of Memories' winning Second Star in the Spot Category at ITB Berlin, 2016.



144 Bumi Armada Navigation Sdn. Bhd.

146 ROMSTAR Sdn. Bhd.

148 Serba Dinamik Holdings Berhad (Serba Dinamik)

150 White Quest Synergy (WQS) Sdn. Bhd.



Oil and Gas-Related Services

Oil and gas production have been one of the key drivers of Malaysia's growth since oil was first drilled in Sarawak back in 1910. The founding of PETRONAS in 1974 provided a vital impetus to the development of oil and gas resources in Malaysia.

PETRONAS, the national oil corporation, continues to play a major role in driving the industry's growth through its development of oil and gas resources as well as the creation of opportunities for local companies to build their capacity and capability across the value chain.

Commercial activities are undertaken by PETRONAS' subsidiaries, such as PETRONAS Carigali, which participates in Production Sharing Contracts (PSC) with other International Oil Companies (IOCs) such as Shell, ExxonMobil and Murphy Oil. PETRONAS has more than 100 subsidiaries and around 40 Joint Venture companies.

Malaysia's push to move up the value chain and increase value-added exports will continue to support investment in the crude refining and petrochemical sectors. The start-up of the Refinery and Petrochemical

Integrated Development (RAPID) project will increase refining capacity from 664,000b/d to 964,000b/d.

Malaysia will continue to be a net gas exporter, supported by growth in gas production, and an important supplier of LNG (Liquefied Natural Gas) to Asia Pacific.

Malaysia's O&G Related Products and Services include Mining for Crude Oil and Natural Gas; Petroleum products such as Gasoline, Diesel, Fuel Oil, Wax and Bitumen; Oil field (upstream) and downstream products such as Gaskets, Anti-corrosion chemicals for pipe application, Christmas Trees & Well heads, Generators, Pipelines and Floating Production Storage & Offloading Vessel (FPSO); as well as Oil field (upstream) and downstream services such as Platform Fabrication, Drilling services, Chartering and/or operation of Rig & FPSO, Non-Destructive Test for pre-installation of pipeline and Pigging services for post-installation of pipeline.

BUMI ARMADA NAVIGATION SDN. BHD.



Introduction

A mature company with 42 years under its belt in Malaysia's Marine business, Bumi Armada Navigation has evolved into a globally recognised Offshore Support Vessel (OSV) company offering support for shallow and deep-water activities for the Oil & Gas industry.

Bumi Armada Navigation is distinguished as one of the larger OSV owners in Malaysia and the first to have built a diesel-electric vessel, Armada Tuah 300, for operation within Malaysian waters. The vessel has since been chartered to an International Oil Company on a long-term contract which is still active to date.

Inherent to the nature of the business it is in, Bumi Armada Navigation is committed to Safety, Compliance, Operational Excellence, Governance and Integrity. This is further supported by a matured Integrated Management System complying to ISO 9001, ISO 14001 & OHSAS 18001, certified by international accredited registrar DNV GL and International Safety Management (ISM) which is accredited by the Malaysia Marine Department.

Area of Expertise

Bumi Armada Navigation provides marine transportation and support services to offshore oil and gas companies. In



addition to providing chartering and ship-management of OSVs for campaign management purposes, the company owns OSVs such as Platform Support Vessels, Anchor Handling Tug Vessels, Accommodation Work boat/Work barges and Derrick Lay barges.

Strengths and Achievements

Offering a wealth of international experience, Bumi Armada Navigation has operated in countries such as Angola, Brazil, Ghana, Guyana, Namibia, Nigeria, Russia and Venezuela, to name a few. Its client portfolio includes organisations such as Cardon IV, ENI, EXXONMOBIL, Lukoil, MURPHY, Pemex, Petrobras, PETRONAS, REPSOL, SHELL and MURPHY.

The company has gained industry leadership recognition from the International Marine Contractors Association (IMCA) for its active

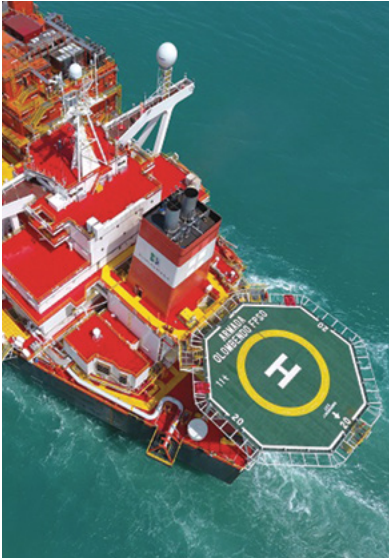
participation in the Dynamic Positioning Station Keeping Reporting Scheme and knowledge in the seamless management of vessels for optimal operational efficiency.

With its in-house Technical Compliance team and Dynamic Positioning specialists offering cost-efficient technical advisory, Bumi Armada Navigation thrives in achieving synergy by collaborating with third parties and maintaining excellence in service quality as well as ensuring the highest standards in Health, Safety, Security & Environment (HSSE) requirements.

Projects Undertaken (Domestic)

Provision of chartering and ship management of OSVs:

1. Southeast Asia (Malaysia, Vietnam).
2. Delivered purpose-built vessels in Malaysia.



Projects Undertaken (International)

Provision of chartering and ship management of OSVs:

1. Caspian Sea (Russia, Turkmenistan).
2. South America (Suriname, Venezuela).
3. West Africa (Ghana, Nigeria).

Delivery of 3 purpose-built ice class vessels to the Caspian Sea in September 2015.

Recognition and Awards

HSSEQ (Health, Safety, Security, Environment and Quality) Recognition Awards

1. 2018

- ii. Finalist for 6th Safety Award in Upstream Category, SHELL Malaysia, 2018.
- iii. 2nd Runner Up, E&P Logistic Marine Services (SMEP) League Table, SHELL Malaysia, 2018.
- iv. GOLD AWARD, Chairman's Safety Award, ExxonMobil, 2018.

2. 2017

- i. 2nd Runner Up, SMEP Marine League Table, SHELL, 2018.
- ii. Achievement Of 1000 Goal Zero Days, Goal Zero Award, SHELL.
- iii. Armada Tuah 26, Marine Safety and Operational Excellence award, REPSOL, 2017.
- iv. Recognition Award, ExxonMobil Exploration and Production Malaysia Inc. (EMEPMI)'s Chairman's Safety Award, ExxonMobil, 2017.

3. 2016

- i. Champion Marine Contractor Performance Award, League Table position, SHELL, 2016.
- ii. 2 years Zero Days, Goal Zero Award, SHELL, 2015-2016.

4. 2015

- i. 365 Goal Zero Days, Goal Zero Award, SHELL, 2015.

International Cooperation Programme / Success Stories

Bumi Armada Navigation has a history on establishing strong partnerships wherever it has worked, including Angola, Brazil, Congo, Ghana, Guyana, Myanmar, Nigeria and Russia. The company has also initiated and contributed to Corporate Social Responsibility Programmes supporting local communities in Angola, Nigeria, Russia and Turkmenistan.

BUMI ARMADA NAVIGATION SDN. BHD.

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WEBSITE

www.bumiarmada.com

YEAR OF ESTABLISHMENT

1977

NO. OF STAFF

55 (not including offshore personnel)

GEO-COORDINATES

3.152996, 101.711233

AREA OF EXPERTISE

Chartering and Ship Management for Offshore Support Vessel (OSV) to support shallow and deep-water activities for the Oil & Gas industry.

STRENGTHS AND ACHIEVEMENTS

In-house capability to support vessel newbuild project supervision to chartering and ship management. 42 years in OSV business with operations in Angola, Brazil, Ghana, Guyana, Namibia, Nigeria, Russia, Venezuela, within the Caspian Sea and more.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Initiated and contributed to Corporate Social Responsibility Programmes supporting local communities in Angola, Malaysia, Nigeria, Russia and Turkmenistan.

ROMSTAR SDN. BHD.



Introduction

In 1997, ROMSTAR transformed itself from a small Oil & Gas services company into a highly specialised, technology driven Intelligent Pigging (IP) company. Prior to this, there were only 2 foreign companies in Malaysia with the capacity to provide such services in the last 30 years.

In 2006 ROMSTAR became the first and only Malaysian Original Equipment Manufacturer (OEM) Company established, involved and devoted mainly towards In-Line Inspection (ILI) Services using High Resolution Magnetic Flux Leakage (MFL), Caliper tools, Pipeline Mapping Services, and manufacture of Pipeline Cleaning Pigs for offshore and onshore pipelines covering the Malaysian market, and around the Globe.

ROMSTAR is the leading IP (Intelligent Pigging) Company in the region & Asia pacific involved in innovating and developing in-house high resolution MFL technology for pipeline inspection services that conforms to international standards for the Oil & Gas sector. As such, putting Malaysia in the world map for its services while contributing towards the nation's economic growth.

Romstar Group is comprised of three affiliates – Romstar Sdn. Bhd., Romstar

Polymer, and Romstar Research & Development. Between them, the company tackles some of the industry's most sophisticated engineering, technical and operational challenges.

Area of Expertise

Provision of In-Line Inspection by using Magnetic Flux Leakage (MFL), Geometry Inspection (Caliper), Pipeline Mapping and Manufacture of Pipeline Cleaning Product.

ROMSTAR is specialised in providing Pipeline Inspection Solutions (Intelligent Pigging) such as:

1. MFL Inpection (4" - 40" Magnetic Flux Leakage Equipment Fleet).
2. Multi-channel Caliper (4" - 40" Multichannel Caliper fleet).
3. Manufacturing & refurbishment of pipeline cleaning pigs.

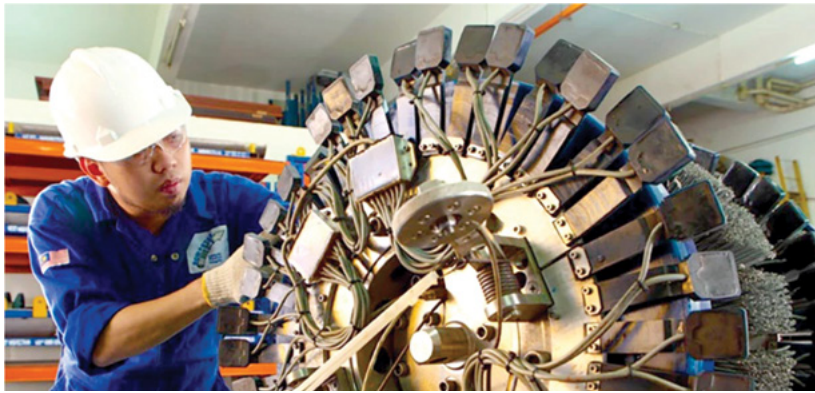
4. Data logging.
5. Providing training for all types of pigging works.

Strengths and Achievements

ROMSTAR is the only local Malaysian certified In-Line Inspection (ILI) vendor with its own in-house Research & Development Division. It is the first in Asia Pacific to innovate and develop high-resolution MFL and Geometry tools for pipeline inspection services.

ROMSTAR also designs, builds and operates its own fleet of high-resolution MFL inspection and multichannel caliper tools. With 13 years' experience in pipeline cleaning and inspection with our own tool fleets, ROMSTAR technology is recognised by various pipeline operating companies worldwide. ROMSTAR is the Biggest ILI company in Asia Pacific.





Projects Undertaken (Domestic)

Offshore and onshore pipelines covering a significant portion of the Malaysian market.

Projects Undertaken (International)

Experience of working in 11 countries such as Argentina, Bolivia, China, Iran, Malaysia, Vietnam and more for Pipeline Inspection Services (MFL and Caliper Tool).

Recognition and Awards

Recognised by pipeline operator companies worldwide such as Petronas, LG Chemical, YPF Argentina, ExxonMobil and more.

ROMSTAR has been audited by various pipeline operators on the basis of administration and services offered.

1. Top Most Innovative SME, SME Innovation Award, 2013.
2. Malaysian Brand Certification, 2011.
3. MITI Industry Excellence Award, 2011.
4. Most Promising Vendor, Petronas, 2011.
5. Top Nominee For Technology, Entrepreneur of The Year, Ernst And Young, 2011.
6. Best Innovation In Services Sector, Prime Minister SME Innovation Award, 2010.

International Cooperation Programme / Success Stories

ROMSTAR is a 100% Bumiputera company. ROMSTAR's success in Pipeline Inspection has placed Malaysia on the world map as an OEM ILI company. It has trained a significant number of skilled pipeline engineers, especially on pigging and created job opportunities for fresh graduates to start their careers in the Oil & Gas Industry.

To date, ROMSTAR has successfully inspected 500 MFL Runs worldwide with a total distance of 6000 km.

ROMSTAR SDN. BHD.

ADDRESS

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(President & Group CEO)

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WEBSITE

www.romstargroup.com

YEAR OF ESTABLISHMENT

1997

NO. OF STAFF

54

GEO-COORDINATES

3.121141, 101.739360

AREA OF EXPERTISE

In-Line Inspection (ILI) Services using High Resolution Magnetic Flux Leakage (MFL), Caliper tools, Pipeline Mapping Services, and manufacture of Pipeline Cleaning Pigs.

STRENGTHS AND ACHIEVEMENTS

First in Asia Pacific to innovate and develop high-resolution MFL and Geometry tools for pipeline inspection services.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Experience of working in 11 countries such as Argentina, Bolivia, China, Iran, Vietnam and more.

SERBA DINAMIK HOLDINGS BERHAD (SERBA DINAMIK)



Introduction

Serba Dinamik Holdings Berhad and its group of companies are international energy services providers offering a wide spectrum of engineering services and solutions, ranging from Operation & Maintenance; Engineering; Procurement; Construction and Commissioning as well as the supply of related products and services.

Area of Expertise

Serba Dinamik provides its engineering services and solutions for Oil & Gas (O&G) production platforms, crude O&G refineries, petrochemical manufacturing, Liquefied Natural Gas, Power Production, and Water & Utilities Plants.

Strength and Achievements

Serba Dinamik possesses 26 years of experience in Maintenance, Repair and Operations (MRO) of rotating equipment with 12 years in managing engineering, procurement, construction and commissioning (EPCC) projects.

The company also commands recognition in health, safety and environment projects, having implemented various safety and quality standards for its operations. These include: ISO 9001:2008 (Quality Management System), OHSAS 18001:2007 (Occupational Health, Safety Assessment System)



and ISO 14001:2004 (Environmental Management System, Network Overseas).

In 2018, Serba Dinamik signed a Memorandum of Understanding (MoU) with Microsoft (Malaysia) in conjunction with Smart Maintenance software for operation and maintenance aimed at enhancing productivity, elevating efficiency and driving innovation through digital transformation.

Serba Dinamik has also acquired a 30% stake in eNoah iSolutions Pvt. Ltd. (eNoah) to enhance the growth of its IT segment and strengthen the company's presence within the Asian region.

Projects Undertaken (Domestic)

Among the many projects undertaken locally by Serba Dinamik include:

1. LNG Facilities, Lumut, Perak;

2. Water Treatment Plant, Kuala Terengganu Utara, Terengganu;
3. Hydropower Plant, Kota Marudu, Sabah;
4. Pengerang Eco-Industrial Park (PeIP) and Pengerang International Commercial Centre (PICC), Johor;
5. Bintulu Integrated Energy Service Hub (BIEH);
6. Petronas Onshore Maintenance Construction & Modification Services (ONMCM); and more.

Projects Undertaken (International)

Serba Dinamik's international projects include:

1. CNG Plant Muaro Jambi Sumatra, Indonesia;
2. Chlor-alkali Plants Kibaha, Tanzania;
3. Hydropower Plant Houphan, Laos; and more.



Recognition and Awards

Serba Dinamik's many accolades and awards include:

1. Eminent Eagle Category; 2nd Position Winner of the Top 3 Eminent Eagle, The Golden Eagle Award, Nan Yang Siang Pau, 2015.
2. Best Investor Relations Company Malaysia, International Finance Magazine Awards, International Finance Publications Ltd., 2015.
3. Best Corporate Governance Malaysia, International Finance Magazine Awards, International Finance Publications Ltd., 2015.
4. President's Award – EPCC, The BrandLaureate SMEs BestBrands Award, The BrandLaureate, 2016.
5. Sustainability award, The Green Era Award, Otherways International DMCC, Italy, 2016.
6. Gas Processing & Utilities, Maintenance Services, PGB Contractors Forum, Petronas Gas Berhad, 2016.
7. International Award in Economics & Business Category, The Socrates Committee Oxford Award, Europe Business Assembly, United Kingdom, 2016.

8. Special Achiever, The Excellence Entrepreneur Award, 2016.
9. Anugerah Personaliti Industri Usahawan Malaysia, NiagaTimes, 2017.
10. Outstanding Investee Companies, MVCA Annual Dinner & Awards Night, Malaysian Venture Capital Association, 2017.
11. World Business Leader - Innovative & Inspirational Company, The Bizz Award, World Confederation of Businesses, Virgin Island (US), 2017.
12. Global top Brand Excellence Award, Asia Entrepreneur Alliance Award, Asia Entrepreneur Alliance, 2018.

International Cooperation Programmes / Success Stories

Serba Dinamik collaborated with London-based company Ecubes Arcola for the promotion of clean energy through the use of hydrogen-powered vehicles during the 2018 Asian Games in Jakarta and Palembang. It also participated in a Reverse Linkage Project with the Government of cooperative Republic of Guyana.

SERBA DINAMIK HOLDINGS BERHAD (SERBA DINAMIK)

ADDRESS

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WEBSITE

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YEAR OF ESTABLISHMENT

1993

NO. OF STAFF

1,561

GEO-COORDINATES

3.073074, 101.524079

AREA OF EXPERTISE

Energy services provider offering a wide spectrum of engineering services & solutions; ranging from Operation & Maintenance, Engineering, Procurement, Construction and Commissioning.

STRENGTHS AND ACHIEVEMENTS

26 years of experience in MRO of rotating equipment with 12 years in managing EPCC projects.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Collaborated with London-based company Ecubes Arcola for the promotion of clean energy through the use of hydrogen-powered vehicles during the 2018 Asian Games in Jakarta and Palembang.

WHITE QUEST SYNERGY (WQS) SDN. BHD.



Introduction

White Quest Synergy (WQS) Sdn. Bhd. is a Malaysian company offering technical consultancy, engineering and training services. Incepted in 2012, it began its journey as a lifting equipment services provider for downstream activities before venturing into technical safety, asset integrity management, engineering services and audit & verifications for both upstream and downstream of oil and gas operations.

Area of Expertise

1. Risk Management, Loss Prevention & Technical Safety Consultancies
2. Asset Integrity Management
3. Maintenance Strategy Management
4. Audits & Verifications
5. Customised Technical Training

Strengths and Achievements

WQS has enjoyed a steady growth since inception in 2012. With staff comprising an experienced management team, skillful technical experts and reliable support personnel, its resources have enabled it to offer a unique combination of expertise in safety, design, engineering, operations and maintenance. WQS provides its clients with practical and cost-effective solutions of utmost quality to meet clients' needs and expectations in today's competitive market.

In providing the best analysis and output to their clients, WQS leverages on several technical software such as Process Hazard Analysis Software Tool, a comprehensive consequence analysis tool. It examines the process of a potential incident from the initial release to far field

dispersion, including modelling of pool vaporisation and evaporation, as well as flammable and toxic effects. On top of that, 3-Dimensional Computational Fluid Dynamics (CFD) software is used to simulate and model scenarios involving fires, explosions, flammable and toxic gas dispersion.

WQS is an ISO 9001:2008 accredited company with involvement in Oil and Gas Associations domestically and globally. To name a few, WQS is a Corporate Member of Malaysia External Trade Development Corporation (MATRADE) and Malaysia Oil & Gas Services Council (MOGSC), an Associate Member of Malaysia-Korea Business Council (KOTRA) as well as International Association of Drilling Contractors (IADC).



Projects Undertaken (Domestic)

1. Safety Studies Packages for Bertam Field & FPSO, International Petroleum Company B.V., Peninsular Malaysia, 2019.
2. Safety Studies for D28 Platform EPCC, MMC Oil & Gas Engineering, Sarawak, 2018.
3. HSE Case for Sepat FPSO, PETRONAS Carigali Terengganu, Terengganu, 2017.
4. HSE Case Development for Baram Facilities, PETRONAS Carigali Sarawak, Sarawak, 2016.
5. HSE Studies for Provision of Engineering, Procurement, Construction, Installation & Commissioning (EPCIC) for Bergading FSO at North Malay Basin; Hess, USA; 2015.

Projects Undertaken (International)

1. HAZOP, HAZID & SIL for FEED Medco; TECHNIP FMC; Arung Nowera, Indonesia; 2019.
2. Safety Studies for Sao Vang & Dai Nguyet Gas & Condensate Field Development; Aker Solutions, Norway; Vietnam, 2018.
3. Consequence Modelling Analysis Review; Cargill, USA; Pandaan, Indonesia; 2017.
4. SCE Management for Turkmenistan Oil&GasTerminal (TOGT), PETRONAS Carigali Turkmenistan, Turkmenistan, 2016.
5. Onshore Drilling HSE Case, Iraq Drilling Company (IDC), 2015.



Recognition and Awards

1. Graded as Excellent Supplier with 4 Stars rating in the PETROLIAM Nasional Berhad (PETRONAS)' Supplier Tracking Assessment Rating (STAR), 2017 and 2018.
2. Selected participant of Bumiputera Exporter Development Program (BEDP), MATRADE, 2018-2021.
3. Recipient of Domestic Investment Strategic Fund (DISF), Malaysia Investment Development Authority (MIDA), 2013-2015.
4. Appointed as Technical Service Provider to PETRONAS Technical Solutions Sdn. Bhd.; a sole PETRONAS' technical arm via Technical Service Agreement (TSA), 2013-2023.

International Cooperation Programme / Success Stories

1. First Technical Safety Consultancy & Onshore HSE Case Development in Garraf, Iraq; 2015.

WHITE QUEST SYNERGY (WQS) SDN. BHD.

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YEAR OF ESTABLISHMENT

2012

NO. OF STAFF

30

GEO-COORDINATES

3.161752, 101.716858

AREA OF EXPERTISE

Technical consultancy, engineering and training services in Oil & Gas operations.

STRENGTHS AND ACHIEVEMENTS

Combination of expertise in safety, design, engineering, operations and maintenance.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Collaboration and projects in Abu Dhabi, Ghana, Indonesia, Iraq, Nigeria, Turkmenistan, Vietnam and more.



154 Port Klang Authority (PKA)

156 Kontena Nasional Berhad (Kontena Nasional)

158 MASKargo Logistics Sdn. Bhd. (MASKargo)

160 Pos Malaysia Berhad (Pos Malaysia)



Port, Logistics and Courier

The Malaysian logistics industry possesses the complete chain of service providers, comprising maritime, land, air and integrated logistics. Furthermore, Malaysia is equipped with world-class ports, airports, road and rail networks, industrial parks and technology parks.

Due to its strategic location along one of the busiest shipping routes (the Straits of Malacca), Malaysia has successfully developed its seaports and has become an important transshipment hub for Asia through Port Klang and the Port of Tanjung Pelepas. On the other hand, KLIA and Senai Airport are considered Malaysia's key air cargo airports with the support of economic corridors: Iskandar Malaysia in Southern Johor (IRDA); Northern Corridor Economic Region (NCER) and East Coast Economic Region (ECER).

Given its strategic location, steady economic growth, regional linkages, and strong transport infrastructure, Malaysia has the essentials to position itself as a regional logistics gateway.

The logistics industry in Malaysia encompasses multimodal modes which includes commercial vehicles and rail, water and air transport in addition to postal and courier services.

Malaysia's key strengths that favour the country as a key logistics link to Asia are its strategic geographical location, regional supply chain linkages and strength of transportation services.

Malaysia is situated amidst countries that account for 30 percent of total global GDP. This includes ASEAN countries, China, India, Japan and Korea, all of which are accessible within a six-hour flight time.

Major multinational companies have also recognised Malaysia's key strengths, electing to establish regional offices and manufacturing plants in the country. Among them are BMW, Dell, IBM, Keppel Corporation, Microsoft, Samsung, Schlumberger, Seagate, Siemens, Temasek Holdings, Toyota and Western Digital. These companies, which are part of the global supply chain, are able to drive higher demand for efficient logistics services. Regional supply chain linkages are expected to grow stronger with the Government's proactive efforts to attract investments through continuous bilateral and multilateral initiatives.

PORT KLANG AUTHORITY (PKA)



Introduction

Port Klang is Malaysia's principal gateway and busiest port. Situated on the West coast of the Malaysian peninsula and along one of the world's busiest trade lanes, the Straits of Malacca, Port Klang is well sheltered by surrounding islands which forms a natural enclosure. The port is just 40 minutes away from Malaysia's capital city Kuala Lumpur and its proximity to the greater Klang Valley – the commercial and industrial hub of the country as well as the country's most populous region ensures that the port plays a pivotal role in the economic development of the country.



Port Klang is comprised of two privately owned terminals: Northport and Westport, as well as the Port Klang Free Zone. Port Klang Authority (PKA) is a statutory corporation established on 1st July 1963 that administers Port Klang, concentrating on Trade Facilitation, Port Planning and Development, Regulatory Oversight of the privatised facilities and services, Free Zone Authority and Asset Management.

Based on a Government directive in 1993, Port Klang is currently being developed as the National Load Centre and with a vision of making it into Asia's Preferred Logistics Hub.

Area of Expertise

The core functions of PKA are as follows:

1. Trade Facilitation.
2. Port Planning and Development.
3. Regulatory Oversight of Privatised Facilities and Services.
4. Free Zone Authority.
5. Asset Management.

Strengths and Achievements

Serving as Malaysia's principal port due to its strategic location, Port Klang is well linked to other parts of the country by a network of road and rail connections and is located about 70 km from the

Kuala Lumpur International Airport (KLIA). With a number of load centering and hubbing strategies pursued since 1993, the facilities and services in Port Klang are now synonymous to those of world class ports. To date, the port has trade connections with over 130 countries and dealings with more than 600 ports around the world.

Port Klang's facilities and services enable:

1. Annual container handling capacity - 19.6 million TEUs (Twenty-Foot Equivalent Unit).
2. Throughput performance 2018 - 12.3 million TEUs.



3. Productivity - 35 container movement per hour (average).
4. Connectivity - 600 ports over 130 countries, 40 main liners.
5. 50% of Malaysia's cargo.
6. Green Port Awards Systems (GPAS) 2016.
7. Certification: MS ISO 9001 : 2015 and ISO/ IEC 27001.

Projects Undertaken (Domestic)

1. West port phase II expansion plan.
2. Third terminal feasibility study at Pulau Carey.

Recognition and Awards

Green Port Awards Systems (GPAS) 2016.

International Cooperation Programme / Success Stories

1. Ranked 12th, Container World Port Ranking, 2018.
2. China-Malaysia Port Alliance.
3. Sister port with Port Autonome De Marseille, France; Kenya Ports Authority, Africa; The Incheon Port Authority, South Korea; The Port Authority Of Manta, Ecuador; Port Of Koper - Luka Koper D.D., Slovenia; The National Ports Administration Of Uruguay (Anp); Yeosu Gwangyang Port Authority, Republic of Korea; and The Port and Urban Projects Bureau, Kobe City Government, Japan.

PORT KLANG AUTHORITY (PKA)

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YEAR OF ESTABLISHMENT

1963

NO. OF STAFF

179

GEO-COORDINATES

3.0087889, 101.3929917

AREA OF EXPERTISE

Port and cargo handling facilities and services.

STRENGTHS AND ACHIEVEMENTS

World Class port having trade connections with over 130 countries and dealings with more than 600 ports around the world.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Ranked 12th in Container World Port Ranking, 2018.

KONTENA NASIONAL BERHAD (KONTENA NASIONAL)



Introduction

Kontena Nasional Berhad (KNB) is Malaysia's first and premier haulier and logistics company with over 40 years of experience in logistics operations. KNB began operations in 1971 when containerisation was introduced to the country to cater for the country's need to deliver containers for import and export.

Over time, KNB services have expanded from container haulage to include other logistics services such as warehousing, freight forwarding, distribution, project cargo, custom brokerage, marine agency services, halal logistics and more to become a total logistics solutions provider.

Area of Expertise

KNB has a nationwide presence across Malaysia, especially near all main ports with the strength of 640 strong workforce combined with an extensive fleet of prime movers, trailers, storage facilities and IT infrastructure.



KNB also upholds the highest standards in safety and security for all its clients in offering:

1. Total Logistics & Management Services;
2. Haulage;
3. Warehouse consolidation & distribution;
4. International Freight Forwarding;
5. Sea and air freight;
6. Customs Brokerage;
7. Marine Agency Services;
8. Project Cargo logistics and management;
9. Vessel & aircraft charters;
10. Cross border transportation;
11. Inventory management;
12. Halal Logistics; and
13. Other value-added Services e.g. Permit application, tax exemption, etc.

Strengths and Achievements

KNB's wholly owned subsidiary, Kontena Nasional Global Logistics Sdn. Bhd. (KNGL), is the first government-appointed freight forwarder and Multimodal Transport Operator (MTO). KNGL has vast experience in managing logistics services for cargo purchased by the Government and plays a major role in handling logistics delivery requirements for government megaprojects since 1973.

Its experienced and knowledgeable logistics team offers a range of services such as project cargo handling, permit application, tax exemption and marine agency services which are punctuated by:

1. Over 40 years of experience in Logistics Services and Logistics Management;



2. Being a Malaysian Transport Operator (MTO);
3. Proximity all major ports;
4. Certifications:
 - i. ISO 9001:2015 Quality Management System
 - ii. OHSAS 18001: 2007 Occupational Health & Safety
 - iii. MS 2400: 2010 Halal Assurance Management System
5. Fleet Management and GPS Tracking System with remote capabilities;
6. Warehouse Management System for movement activity;
7. Department of Environment approval for waste movement;
8. Land, bridge and rail facility services;
9. Halal Logistics capabilities; and
10. Partnerships with agents in Asia, Europe, Middle East and USA.

Projects Undertaken (Domestic)

Its more prominent involvement in the local landscape includes:

1. Logistics Management Services for Agro Tourism;
2. Logistics Management Services for Plantation;
3. Haulage and warehouse services for various car manufacturers;

4. Project cargo logistics for Rapid Pengerang Johor, LRT 2 Extension, as well as MRT and MRT2 projects;
5. Warehouse and distribution services for Tyre, Telecommunications, Chemical, Plastic Resin and O&G industries; and
6. Total Logistic Services for Malaysia-China Kuantan Industrial Park (MCKIP).

Recognition and Awards

1. The Malaysian Trade & Industry Halal Recognition Award, 2010.
2. Excellence Award for Domestic Logistics Service Provider of the year, Frost & Sullivan Award, 2010.
3. Brand Laureate Award – Logistics Container Haulage.
4. Best Logistics Management Contractor Award – Oil & Gas.
5. The Best Haulier for domestic transportation services in East Coast.

International Cooperation Programme / Success Stories

Appointed Freight Forwarder for government projects; Oil & Gas Industries; and the Langkawi International Maritime Aerospace Exhibition (LIMA), Langkawi.

KONTENA NASIONAL BERHAD (KONTENA NASIONAL)

ADDRESS

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YEAR OF ESTABLISHMENT

1971

NO. OF STAFF

640

GEO-COORDINATES

3.082143, 101.616411

AREA OF EXPERTISE

Malaysia's first and premier haulier and logistics company with over 40 years of experience in logistics operations.

STRENGTHS AND ACHIEVEMENTS

Government appointed freight forwarder and Multimodal Transport Operator (MTO) with a presence in all main ports.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Partnerships with agents in Asia, Europe, Middle East and USA.

MASKARGO LOGISTICS SDN. BHD. (MASKARGO)



Introduction

MASKargo Logistics Sdn. Bhd. (MLSB) is a wholly-owned subsidiary of MAB Kargo Sdn Bhd. Commencing its operations at KL International Airport in Subang, it was originally established as Pengangkutan Kargo Udara MAS Sdn Bhd in 1981.

A pioneer, MLSB was the first national logistics services provider in Malaysia. Since then, it has grown and widened its horizons into other avenues such as the facilitation of cargo transshipment for major airlines, freight forwarding, 3PL (Third-party logistics) warehousing and terminal handling.

It has also extended its services throughout major airports in Malaysia, thus achieving its mission of 'Bringing Customers Closer To You'.

Its vision moving forward is the aim of becoming a totally integrated logistics provider in Malaysia with a strong global reach.

Area of Expertise

Over the years, MLSB's expertise can be streamlined into 4 key areas. These include being a multimodal transport operator (MTO), trucking service provider of numerous dimensions, airfreight and seafreight expert, and an on-site warehouse.



As an MTO, MLSB was appointed by the Ministry of Finance in 2007 to facilitate all government agency shipments encompassing both imports and exports.

In its capacity as a trucking service provider, its trucks are specially designed to cater for airline pallets, containers and volumetric cargo. Each truck is capable of handling a load of 18 tonnes per trip. With advanced tracking devices installed, it is able to keep track of each truck's movement at any point in time. To further enhance its offerings, armed escort services are available upon request to escort vulnerable and sensitive shipment from origin to destination.

Additionally, in collaboration with relevant authorities, MLSB has been given special approval to streamline the documentation process to ease the movement of



cargo within Malaysia and between the country's airports and seaports. These seamless processes for the movement of trucks have also been extended to several Malaysian seaports in order to provide customers with multiple options of transportation solutions.



Taking it a step further, MLSB also provides for ad-hoc charter trucking services within Malaysia, as well as cross-border trucking into neighboring Asian countries, such as Thailand and Singapore. In its capacity as an airfreight and seafreight expert, it is a licensed total logistics provider dealing with air freight, sea freight and custom brokerage. Activities carried out on this front include exports, imports and transshipment cargo.

In tandem with its aim of being a totally integrated logistics provider, MLSB has over the years established affiliations with worldwide logistics partners in countries such as the Middle East, USA and Europe, with which it works closely to achieve systemised and smooth cargo movement. With these strategic partners worldwide, MLSB is equipped to provide secure door-to-door deliveries upon request at attractive rates.

In addition to this, MLSB owns warehouses within the KLIA Free Commercial Zone, at Penang International Airport and Senai Airport, Johor. Activities carried out here include repacking, product assembly, distribution, storage and consolidation.

Strengths and Achievements

Being a key player in the industry, MLSB has successfully achieved the following:

1. QHSE Policy.
2. ISO 9001:2015.
3. ISO 14001:2015.
4. ISO 18001:2007.

Projects Undertaken (Domestic)

Having contributed to the industry for over 30 years, MLSB's local project list includes:

1. Charter Flight Project with Dewan Bahasa & Pustaka on 2018,
2. TNB Import & Export Project,
3. Engineering Ground Transportation,
4. MAB Kargo Truck Flight,
5. Inflight Services, and
6. GPS Warehouse.

Projects Undertaken (International)

Its contribution in the international arena includes:

1. Charter Flight Malbat on 2019, and
2. Hajj Project.

MASKARGO LOGISTICS SDN. BHD. (MASKARGO)

ADDRESS

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WEBSITE

www.maskargologistics.com

YEAR OF ESTABLISHMENT

1981

NO. OF STAFF

167

GEO-COORDINATES

2.7341343, 101.7134348

AREA OF EXPERTISE

Multimodal transport operator (MTO), trucking service provider, airfreight and seafreight expert and on-site warehouse.

STRENGTHS AND ACHIEVEMENTS

30 years as a national logistics services provider and was appointed in 2007 by the Ministry of Finance to facilitate all government agency shipments.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Affiliations with logistics partners in Europe, the Middle East, Singapore, Thailand and USA.

POS MALAYSIA BERHAD (POS MALAYSIA)



Introduction

Pos Malaysia Berhad is a postal and courier service in Malaysia, with a history dating back to early 1800s. It remains as the nation's postal and courier service provider and has a network of more than 1,000 touch points with a distinctive presence across Malaysia. This encompasses Post Offices, Pos Laju Branches and Service Centres, Pos Laju Kiosks, Pos Laju EziBox, e-Commerce Hubs, as well as postal and stamp agents offering customers the most extensive and widest retail and delivery network.

With the most extensive delivery network coverage that reaches practically every geographic area in the country, Pos Malaysia provides better convenience and accessibility to connect all of Malaysia and beyond.

Throughout the years, Pos Malaysia has grown from strength to strength and is progressing from being a mail and postal services provider towards becoming a dynamic communications, financial services and supply chain solutions provider for both domestic and international shipments.

Area of Expertise

Pos Malaysia Berhad performs its operations under four segments, comprising Postal Services, Courier,

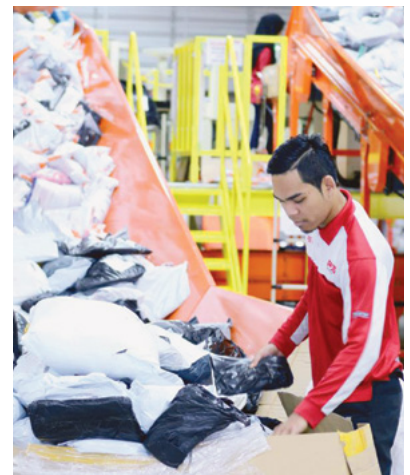


International as well as Logistics & Aviation. Its postal services include the provision of basic mail services for corporate and individual customers. For the courier segment, it includes parcel and logistics solutions by sea, air and land to both national and international destinations. International includes direct entry and transshipment operations. Pos Malaysia Berhad's Logistics & Aviation provides cargo and ground handling, in-flight catering, freight and forwarding as well as air cargo transportation.

Strengths and Achievements

Pos Malaysia has continued to evolve, embracing the changes and advancements of the industry to continuously deliver the same level of trust and service to Malaysia since the 1800s.

Its new identity signifies Pos Malaysia's desire to move forward where dynamic



and driven professionals are sought to deliver high levels of services in a high-performing culture.

Pos Malaysia focuses on the self-improvement and empowerment of its employees, ensuring personal development in an environment where they are also encouraged to share their expertise and learn from each other.



POS MALAYSIA

YOUR WINDOW TO A WHOLE NEW WORLD OF ONLINE SHOPPING!

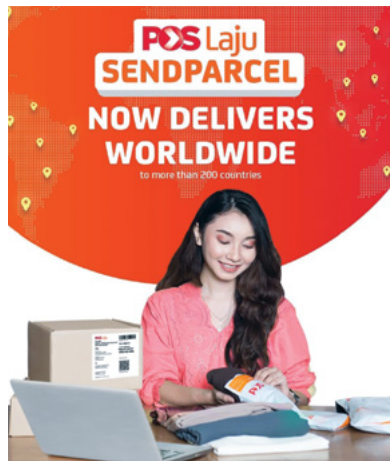
- With EZiPoz, we bring worldwide shopping to your door
- Affordable delivery, trusted service
- No hidden cost

As a member of Universal Postal Union (UPU), a specialised agency of the United Nations (UN) that coordinates postal policies among member nations, in addition to the worldwide postal system, Pos Malaysia's key operations are streamlined towards:

1. Postal Services.
2. Courier Services.
3. e-Fulfillment and Warehousing.
4. Logistics (Domestic & Cross Border).
5. Transshipment Services.

Pos Malaysia's subsidiaries include:

1. Datapos (M) Sdn. Bhd.,
2. Digidert Sdn. Bhd.,
3. PMB Properties Sdn. Bhd.,
4. Pos Ar-Rahnu Sdn. Bhd.,
5. Pos Laju (M) Sdn. Bhd.,
6. Pos Malaysia & Services Holdings Berhad,
7. Pos Takaful Agency Sdn. Bhd.,
8. Prestige Future Sdn. Bhd.,
9. PSH Allied Berhad,
10. PSH Capital Partners Sdn. Bhd.,
11. PSH Express Sdn. Bhd.,
12. PSH Investment Holdings (BVI) Ltd.,
13. PSH Properties Sdn. Bhd.,
14. PSH Venture Capital Sdn. Bhd.,
15. Real Riviera Sdn. Bhd., and
16. Effivation Sdn. Bhd.



POS Laju SENDPARCEL

NOW DELIVERS WORLDWIDE
to more than 200 countries

Recognition and Awards

Pos Malaysia's many accolades and awards include:

1. Brand of The Year World, Branding Awards, 2015.
2. Gold Award, Reader's Digest Trusted Brand, 2016.
3. Domestic Express Service Provider, Frost & Sullivan Best Practice Award, 2015.
4. e-Commerce Logistics Service Provider, Frost & Sullivan Best Practice Award, 2016.
5. Domestic Express Service Provider, Frost & Sullivan Best Practice Award, 2017.
6. e-Commerce Delivery Award, 2018.

POS MALAYSIA BERHAD (POS MALAYSIA)

ADDRESS

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YEAR OF ESTABLISHMENT

1991

NO. OF STAFF

23,000

GEO-COORDINATES

3.144918, 101.694091

AREA OF EXPERTISE

Postal Services & Courier Services, e-Fulfillment & Warehousing, Logistics (Domestic & Cross Border) and Transshipment Services.

STRENGTHS AND ACHIEVEMENTS

Malaysia's postal service provider with a network of more than 1,000 touch points.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Member of Universal Postal Union (UPU), a specialised agency of the United Nations (UN) that coordinates postal policies among member nations.





SME Development

The Malaysian Government has continued to support SMEs, recognising their value as the backbone of the nation's economy by implementing a number of measures and initiatives to ensure that local enterprises will continue to thrive amidst an uncertain economic landscape. Against the backdrop of a challenging global and domestic environment, SMEs are expected to remain resilient and its contribution to the total economy is projected to further increase with the introduction of various new initiatives and programmes as announced in the National Budget as well as the positive spill over effects following Visit Malaysia Year.

Malaysia's vibrant economy is attributed by the contribution of the SMEs that account for over 98% of the total business establishments in the country. Representing the vast majority of the total business population, SMEs contributed an estimated 38% to overall GDP, over 17% to total exports and just over 66% to overall employment. The SME GDP growth is projected to expand by nearly 6%, of which private consumption – which has a significant correlation with SME GDP – will continue to support the growth of SMEs going forward. Malaysian SMEs are indeed the catalysts to address economic disparities across income groups, ethnicities, regions and supply chains.

Coordination of SME development initiatives guided by the policy direction from the National Entrepreneur and SME Development Council (NESDC) chaired by the Honourable Prime Minister of Malaysia and supported by the High Level Task Force with Strategic Committees covering key areas such as connectivity, human capital, environment and tourism shall contribute towards a more conducive ecosystem for SMEs to thrive. This is further supported by over 170 SME development programmes across various focus areas that are crucial towards steering SME development.

In the journey towards establishing a fully-fledged entrepreneurial nation within the next decade, the Government is intensifying its efforts to institute various policies, strategies, and initiatives to create a vigorous and robust SME sector that would facilitate the transformation of SMEs into dynamic globally-competitive businesses. Moving forward, the focus will be on aligning entrepreneurs and SME development to the national plans of National Entrepreneurship Policy 2030 and Shared Prosperity Vision 2030 to further unleash the untapped potential of SMEs and enable the quantum leap in growth and thus increase the contribution of SMEs to the economy.

SME CORPORATION MALAYSIA (SME CORP)



Introduction

SME Corporation Malaysia (SME Corp. Malaysia) is the central coordinating agency (CCA) responsible for overseeing the overall development of Small and Medium Enterprises (SMEs) in Malaysia through policy formulation and strategic implementation. SME Corp. Malaysia was gazetted as an agency under the Ministry of Entrepreneur Development Malaysia (MED) in November 2018. As an apex institution, SME Corp. Malaysia acts as a central point of reference for research, data, programmes and advisory services related to and for the SMEs. Apart from monitoring and coordinating the implementation of various SME programmes involving 17 Ministries and more than 60 Agencies, SME Corp. Malaysia also assumes the role of Secretariat to the National Entrepreneur and SME Development Council (NESDC).

Areas of Expertise

1. SME Development Institutional Framework

- iv. Develop institutional framework on SME development, and
- v. Policy development for SMEs.

2. Coordination of Policies and Programmes

- i. Coordinate, monitor and evaluate effective implementation of policies and programmes across relevant Ministries and Agencies.

3. Centre for Advisory and Information

- i. Provide business advisory through the SME Hub;
- ii. Disseminate information on Government funds and incentives;
- iii. Garner feedback on SME issues; and
- iv. Liaise with domestic and international communities on SME matters.

4. Data Management and Dissemination of Information & Research on SMEs

- i. Develop and manage national SME database;
- ii. Undertake research on SMEs;
- iii. Publish SME-related reports and statistics; and
- iv. Undertake outreach programmes.

5. Business Support

- i. Nurture and develop competitive SMEs through specific capacity building programmes and financial assistance;
- ii. Enhance competitiveness of SMEs using the SME Competitiveness Rating for Enhancement (SCORE) diagnostic tool;
- iii. Provide infrastructure support for SMEs; and
- iv. Facilitate linkages with large companies, MNCs and GLCs.

6. Secretariat to the National Entrepreneur and SME Development Council (NESDC)

- i. Propose policies and ensure decisions of the NESDC are effectively implemented; and
- ii. Provide administrative support to the NESDC





Strengths and Achievements

Among the initiatives undertaken to enhance SME development include the following:

1. SME Masterplan (2012 – 2020),
2. SME Competitiveness Rating for Enhancement (SCORE),
3. Business Accelerator Programme (BAP),
4. SME Business Advisory and Mentoring,
5. Business Linkage (Bling) Programme,
6. National Mark of Malaysian Brand Certification Programme,
7. Technology Need Pitching (TNP),
8. Innovation Certification for Enterprise Rating and Transformation (1-InnoCERT) Programme,
9. E-Commerce Programme,
10. Women Entrepreneur Programme,
11. SME Hub, and
12. Recognition Awards Programme.

Projects Undertaken (Domestic)

1. The Future SME Conference 2019 which aims to provide Malaysian SMEs and emerging businesses with pertinent information, knowledge,

techniques and solutions to propel their growth and development, well into the future, in an increasingly competitive market environment.

2. SME Week is held nationwide to promote awareness and showcase products and services from the diverse industries.

Recognition and Awards

1. Sahabat Negara SME Award, SME Awards (SMERA), SME Association of Malaysia, 2014.
2. 3G Best Public Sector Initiative/ Programme Award, Global Good Governance Awards, Cambridge International Financial Advisory (IFA), 2018.
3. BrandLaureate Bumiputera Strategic Business Partner Award, The BrandLaureate, 2018.
4. Contribution to SMEs Award, SME100 SAMENTA (Small & Medium Enterprises Association Malaysia), SME Magazine, 2018.

International Cooperation Programmes

1. The ASEAN SME Policy Index (ASPI), 2018.
2. The ASEAN-Japan Women Entrepreneurs' Linkage Program (AJWELP).
3. Workshop on SME Access to Alternative Sources of Finance in ASEAN.
4. APEC Online-to-Offline Forum: Unleash the Potential of SMEs through Digital Transformation for a Shared Future & Digital Resilience Workshop.
5. Malaysia - Korea Brokerage Event.
6. Third Country Training Programme (TCTP): SME Development for African Countries.

SME CORPORATION MALAYSIA (SME CORP)

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YEAR OF ESTABLISHMENT

1996

NO. OF STAFF

300

GEO-COORDINATES

3.136118, 101.688129

AREA OF EXPERTISE

Central Coordinating Agency (CCA) responsible for overseeing the overall development of SMEs in Malaysia.

STRENGTHS AND ACHIEVEMENTS

Monitors and coordinates 17 Ministries and more than 60 Agencies.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Collaboration with Africa, Japan, Korea as well as other ASEAN countries.



QUALITY ASSURANCE

168 Jabatan Standard Malaysia (Standards Malaysia)

170 Standard and Industrial Research Institute of Malaysia Berhad (SIRIM)



Standard, Certification and Accreditation

The global Halal market is currently driven by the increasing demand from both Muslim and non-Muslim populations, growing at an exponential rate. According to the Global Islamic Economy report, the Islamic economy will be worth an estimated RM12 trillion, comprising halal food, halal travel, modest fashion, halal media and recreation, halal pharmaceuticals, cosmetics and Islamic finance.

At the turn of the new millennium, Malaysia anticipated the expansion of the halal industry and the Department of Standards Malaysia (Standards Malaysia) actively developed the world's first Halal standard, known as MS 1500 – General Guidelines on the Production, Preparations, and Handling of Halal Food. To date, it has evolved into 13 comprehensive halal standards which are not only confined to the food industry, but also includes other daily products and services such as pharmaceuticals, personal care, cosmetics, logistics, packaging, hospitality services and more.

The Department of Islamic Development Malaysia (JAKIM), in its role as the country's sole Halal certification body, issues Halal certificates for products and services based on the Halal standard. Given the immense credibility of the halal standards, Malaysia's halal certification is well-accepted worldwide and positioning Malaysia as a world leader in

Halal trade. This is proven by the exporting of Malaysia's Halal products, valued at an estimated RM45 billion.

In 2014, Malaysia via Standards Malaysia was granted membership to the Standards and Metrology Institute for Islamic Country (SMIIC), an affiliated organisation of the Organisation of Islamic Cooperation (OIC). A milestone of great significance, this demonstrates Malaysia's leadership and influence over the global Halal agenda. Malaysian Halal standards were also selected as references to develop the SMIIC standards on Halal food, supply chain and more. In addition to this, over 70 foreign Halal Certification Bodies from over 40 countries worldwide refer to Malaysian Halal standards and have sought recognition from JAKIM.

In order to build a comprehensive global Halal ecosystem, Standards Malaysia provides accreditation services to laboratories for Halal testing. To date, there are over 20 accredited laboratories across Malaysia, with more than half of the laboratories offering Porcine DNA Detection testing. This initiative provides the support and greater impetus to help protect the interest of Muslim consumers and provide the assurance to all consumers regardless of their faith that halal-certified products are assured in terms of quality, hygiene, and safety.

JABATAN STANDARD MALAYSIA (STANDARDS MALAYSIA)



Introduction

Governed by the Standards of Malaysia Act 1996 (Act 549), the Department of Standards Malaysia (Standards Malaysia) is an agency under the Ministry of International Trade and Industry (MITI). It is the National Standards and Accreditation Body responsible for developing and promoting Malaysian Standards (MS) by providing accreditation services to conformity assessment bodies such as testing laboratories, certification and inspection bodies.

Established in 1996, the focus of their services is to develop the local industry, facilitate trade and drive the country's economic growth through standardisation and accreditation activities.

Accreditation
is the formal recognition by an authoritative body of the competence to work to specified standards

Certification
represents a written assurance by a third party of the conformity of a product, process or service to specified requirements

Standards Malaysia
standards_my
STANDARDS_MY
StandardsMalaysiaMY

Besides this, with a vision to be recognised by the world, Standards Malaysia endeavours to provide world-class accreditation services internationally. With the recent amendment to the 1996 Act, Standards Malaysia is not only able to extend its services overseas, but also enforce authority. This enables it to introduce Malaysia to the world under the Malaysian-accreditation logo.

Area of Expertise

Being the national accreditation body, Standards Malaysia provides confidence to stakeholders through credible standardisation and accreditation services for global competitiveness.

As a purpose-driven institution, Standards Malaysia is strongly committed to deliver quality, safety, reliability, efficiency, compatibility, cost-effectiveness and sustainability in bringing product and service solutions across 25 sectors of the economy.

With a motive to help businesses improve efficiencies, reduce waste and enhance quality for greater marketability of products and services, Standards Malaysia aims to enhance the quality of Malaysian products and services both locally and internationally.

Strengths and Achievements

Having been in the industry for over 20 years, the strengths and achievements of Standards Malaysia have been considerable.

To date, they have developed more than 5,000 Malaysian Standards across 25 sectors. In addition to this, they have accredited more than 900 labs and certified 43 bodies with 14 inspection centers across the country.

Furthermore, in 2000, Standards Malaysia developed the first halal standard in the world, MS 1500:2009 - Halal Food - Production, Preparation, Handling and Storage – General Guidelines. This is currently being used by the Department of Islamic Development Malaysia (JAKIM) for Halal Certification.

Projects Undertaken (Domestic)

In striving to develop industry competitiveness towards enhanced economic growth, Standards Malaysia undertook a major initiative by introducing the National Standards Compliance Programme (NSCP). The programme aims to bridge all initiatives and information on standards compliance in Malaysia, thereby gaining a competitive edge through the creation of quality-conscious industries delivering quality products and services.



JABATAN STANDARD MALAYSIA (STANDARDS MALAYSIA)

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YEAR OF ESTABLISHMENT

1996

NO. OF STAFF

131

GEO-COORDINATES

2.918301, 101.660367

AREA OF EXPERTISE

Responsible for developing and promoting
Malaysian Standards.

STRENGTHS AND ACHIEVEMENTS

Developed more than 5,000 Malaysian
Standards across 25 sectors, accredited
more than 900 labs and certified 43
bodies with 14 inspection centres across
the country.

INTERNATIONAL COOPERATION/ SUCCESS STORIES

Developed the first halal standard in the
world.

Projects Undertaken (International)

With a mission to provide credible
standardisation and accreditation
services to facilitate foreign trade in the
international arena Standards Malaysia
has also been actively involved in the
Halal Ecosystem Reverse Linkage Project.

It was also involved in the Malaysia
Technical Cooperation Programme (MTCP)
on Halal Standards and Conformance
to share knowledge, experiences and
technical information with ASEAN and
OIC Countries.

Recognition and Awards

Being a key player in the accreditation
sector, Standards Malaysia has received
recognition from the following:

1. Asia Pacific Accreditation
Cooperation Incorporated (APAC).
2. International Accreditation Forum
(IAF).
3. International Laboratory Accreditation
Cooperation (ILAC).

International Cooperation Programme / Success Stories

When documenting Standards Malaysia's
achievements, there are also countless
programmes and success stories that are
worthy of mention. These include:

1. Forming the Malaysian Association of
Accredited Laboratories (PMAM) to
bring together accredited laboratories
for continual capacity building and
professional development activities.
2. Joint organiser of the Biennial
Regional Symposium on Total
Laboratory Management - Quality,
Safety, Environment and Laboratory
Informatics (QSEL) with Malaysian
Institute of Chemistry (IKM).
3. Collaborating with Makmal
Bioserasi on capacity building and
professional development activities
for OECD (Organisation for Economic
Co-operation and Development)
Good Laboratory Practice (GLP)
Compliance Programme.
4. Launching a new accreditation
programme for Malaysian
Sustainable Palm Oil (MSPO)
certification.

STANDARD AND INDUSTRIAL RESEARCH INSTITUTE OF MALAYSIA BERHAD (SIRIM)



Introduction

SIRIM is Malaysia's premier industrial research and technology organisation, wholly owned by the Ministry of Finance Incorporated, under the purview of Ministry of International Trade and Industry (MITI).

In 1964, the Government of Malaysia directed a study looking into the establishment of a national standards organisation. In light of Malaysia's accelerating industrial development, there was an urgent need to adopt the principles of standardisation.

The Standards Institution of Malaysia (SIM) was established in early 1966 as a department under the Ministry of Commerce and Industry. In October 1966, the Standards Act No: 76 1966 was passed in the Parliament, making SIM the national standards body.

In 1974, the National Action Council decided upon the merging of SIM with the National Institute for Scientific and Industrial Research (NISIR) to form the Standards and Industrial Research Institute of Malaysia (SIRIM).

On the 1st of September 1996, SIRIM was corporatised and to be known as SIRIM Berhad.



Area of Expertise

1. Industrial Research: Energy Management, Bio-Medical, Smart Manufacturing, Bio-Natural Gas, Sensor, Nanotechnology, Industrial Biotechnology, Machinery Technology and Environmental Technology;
2. Technology Development and Commercialisation;
3. Certification, Testing and Inspection;
4. Measurement and Calibration;
5. Standards Research and Development, Training;
6. Technology-based Entrepreneurship; and
7. Design Advisory.

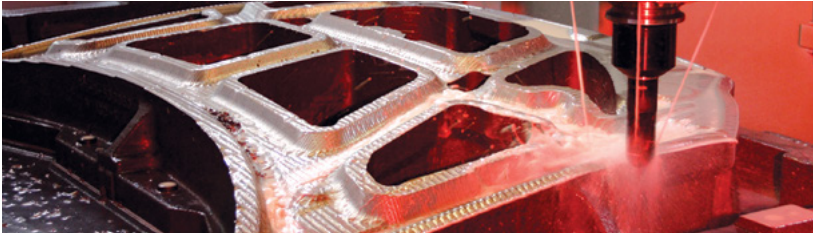
Strengths and Achievements

With over 40 years of experience and expertise, SIRIM is mandated as the machinery for research and technology development, and the national champion of quality. SIRIM has enabled Malaysian

products and services to achieve due recognition in quality and innovation worldwide, through specialised solutions that serve the needs of all industry sectors.

Through its subsidiary SIRIM QAS International, SIRIM is Malaysia's leading testing, inspection and certification services provider, accredited under numerous bodies including the Department of Standards Malaysia and the United Kingdom Accreditation Service, among others.

SIRIM also plays an active role in local industry standards development and supports national growth in human capital of local industries through technology and certification training programmes. SIRIM also assists organisations towards implementing excellent business culture by associating quality, technology and best practices.



Projects Undertaken (Domestic)

Several projects by SIRIM researchers are now commercial-ready, among them include:

1. Bio-natural Gas derived from Palm Oil Mill Effluent;
2. Solar powered streetlights, incorporating built-in lithium-ion battery and composite pole as well as IoT technology; and
3. Solar-thermal for industrial process heat.

Recognition and Awards

1. "Compressed Bio-Natural Gas for Green Mobility and Power Generation in Oil Palm Industry", Special Submission, ASEAN Energy Awards, 2019.
2. First Runner-up in Off-Grid Thermal Category, ASEAN Energy Awards, 2018.
3. Off-Grid Thermal Category, National Energy Awards, 2018.
4. Excellent Achievements in Legal Metrology, OIMLCEEMS Award, 2017.

International Cooperation Programme / Success Stories

The SIRIM-Fraunhofer programme has been recognised as one of the key government initiatives to embrace technology in catalysing the growth of SMEs since its inception in 2015. Leveraging on the Fraunhofer Model's experience in spearheading innovation and technology development in German industries, SIRIM placed the SIRIM Industrial Innovation Model based on two significant features – enhancement of innovation services and strengthening of networks with strategic partners.

The programme comprises four main activities: Implementation of Innovation Management/Technology Audit, Technology Uptake, Nurturing the Growth of Small and Micro Enterprises and Cross-cutting Programmes. The SIRIM-Fraunhofer programme has also embarked on a spectrum of new initiatives such as the Industry Revolution 4.0 readiness assessment and i-coach programme.

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YEAR OF ESTABLISHMENT

1976

NO. OF STAFF

2,115

GEO-COORDINATES

3.086857, 101.504985

AREA OF EXPERTISE

Industrial Research, Technology Development and Commercialisation; Certification, Testing and Inspection; Measurement and Calibration; Training; Standards Research and Development; Technology-based Entrepreneurship; and Design Advisory.

STRENGTHS AND ACHIEVEMENTS

SIRIM has enabled Malaysian products and services to achieve due recognition in quality and innovation worldwide, through specialised solutions that serve the needs of all industry sectors.

INTERNATIONAL COOPERATION / SUCCESS STORIES

The SIRIM-Fraunhofer programme has been recognised as one of the key government initiatives to embrace technology in catalysing the growth of SMEs since its inception in 2015.



174 Malaysian Technology Development Corporation Sdn. Bhd. (MTDC)

176 Malaysian Industry-Government Group for High Technology (MIGHT)



17 Technology and Innovation

Malaysia has successfully transformed from an agriculture-based economy to one that straddles manufacturing and services. The country is committed towards realising the goal of Shared Prosperity Vision 2030 (SPV 2030) which is aimed at further growing economic complexity and propelling the nation towards high value-added economic activities.

Underpinning all initiatives is the critical role of partnership in science, technology and innovation in the modern economy. It is an important contributor to economic growth and a crucial factor in determining the competitiveness of firms in the marketplace, nationally and internationally.

Research & Development (R&D) is widely recognised as the prerequisite for technological advancement, and levels and rates of growth of R&D expenditures are viewed as reliable indicators of innovative capacity. Achieving the targets will require a bold commitment and huge injection of funds from not only the public but more importantly, the private sectors.

Across the world, approximately two-thirds of all R&D activities are carried out by the private sector. The involvement of the private sector in research-driven activities is thus crucial for Malaysia's future economic growth and competitiveness.

Toward this end, the Malaysian Industry-Government Group for High Technology (MiGHT), with a mission to promote the high technology development agenda, is instrumental in nurturing and encouraging private sector R&D.

Through its prospecting initiatives and industrial consultations, MiGHT continues to provide a platform for key members of the Malaysian private sector to discuss and brainstorm with their counterparts from the Government, academia and research institutions. This collaboration in the planning and implementation of R&D and technology acquisition ensures optimisation of resources and enhanced deliverables.

In a similar vein, the Malaysian Technology Development Corporation (MTDC) was established to accelerate the commercialisation of new technologies and promote innovation-based economic growth. MTDC fund recipients can develop by way of access to a suite of innovation support services such as mentoring and coaching, networking and technical assistance. MTDC promotes and facilitates the commercial exploitation of R&D findings from research institutions and universities, eventually assisting in the application of these findings in the marketplace.

MALAYSIAN TECHNOLOGY DEVELOPMENT CORPORATION SDN. BHD. (MTDC)



Introduction

Malaysian Technology Development Corporation (MTDC) was established in 1992 to accelerate the commercialisation of new technologies and promote innovation-based economic growth. It is primarily focused on implementation, specifically the creation, evolution, and operation of funds and services designed to encourage and support high-tech entrepreneurship within Malaysia.

In the Malaysian commercialisation ecosystem, MTDC assumes a pivotal role through promoting and facilitating the commercial exploitation of R&D findings from research institutions and universities, and eventually help apply these findings in the marketplace. From the very beginning, MTDC has encouraged and supported high-tech entrepreneurship through a variety of specific funds and entrepreneurial programmes to accentuate the growth of start-ups and new ventures. Each fund was established in response to a specific need within the Malaysian commercialisation ecosystem. Rather than treating fund recipients and non-recipients as customers, MTDC treated them as partners.

As MTDC partners, fund recipients have access to a suite of innovation support services such as mentoring and coaching, networking, technical assistance, and



commercialisation support. MTDC funds include the Business Start-up Fund (BSF), Bumiputra Expansion Fund (BEF), and Halal Technology Development Fund (HTDF). These funds signaled a shift from focusing only on university-generated technologies to a wider range of technology sources for SMEs, including other SMEs, company, and university sources outside of Malaysia.

Area of Expertise

With a vision to be the leading integrated commercialisation solutions provider building world class Malaysian technology companies through strategic partnerships and as the strategic enabler for IR4.0, MTDC's areas of expertise includes Fund Management, Technology Incubators, Technopreneur Training Academy (TENTRA), Centre of 9Pillar (Co9P) and Advisory and Nurturing services.

Strengths and Achievements

MTDC is a venture capital agency and



technology commercialisation arm that supports technology, start-up and SMEs development. In 1996, MTDC established Technology Development Centers (TDCs) on university campuses. TDCs provide offices, wet and dry labs, training rooms and a vast array of amenities for companies to conduct research in close proximity to researchers and students in relevant technical fields.

In 2017, Technopreneur Training Academy (TENTRA) was established as the prime capacity building entity for technopreneurs and technology commercialisation. TENTRA serves

to equip the founding members of a technology company with the knowledge of creating and sustaining companies across all growth stages, from Seed and Start-Up, to Growth and Expansion.

In 2018, MTDC established the Centre of 9 Pillars (Co9P) as an Industry 4.0 hub. The Co9P is equipped with the necessary tools and equipment to allow the development of proof-of-concept and prototypes at the fraction of the cost of imported solutions. The nine pillars of I4.0 are autonomous robots, simulation, system integration, internet of things, cybersecurity, the cloud, additive manufacturing, big data, and analytics. As such, this centre houses industry 4.0 partners and relevant ecosystem companies, facilitating networks with other business professionals, researchers, academicians and industry experts to collaboratively develop local IR4.0 (and related) technologies, services and solutions.

Aside from this, their Advisory & Value-Added Services and Nurturing (AVAS) Division also plays a significant role in creating successful Malaysian technology companies and producing a steady stream of domestic and international talents. AVAS provides the platform for companies with commercially ready prototypes to attain world-class status by providing products and services of international standards.

Projects Undertaken (Domestic)

Having been a key player in the industry for over 2 decades, MTDC's domestic projects include:

1. GreenLane program for qualified MTDC companies to fast access of government procurement.
2. Malaysia Technical Cooperation

Program (MTCP) for South-South countries.

3. Training programs with Agencies and Ministries.
4. Transfer of Technology Commercialisation programs.
5. Corporate Social Responsibility programs.
6. Industry-university networking programs.
7. Capacity building programs

Projects Undertaken (International)

1. Malaysia Technical Cooperation Program (MTCP) for South-South countries.
2. Asia Science Park Association (ASPA).
3. Association of University Technology Managers (AUTM).
4. CRDF Global / Global Innovation through Science and Technology (GIST).
5. Collaboration programs with Allianze RS Islam Jakarta (RSIJ).
6. Central Purchasing Majlis Pembina Kesehatan Umum PP Muhammadiyah Sinergi Surya Medika under Muhammadiyah Group.

Recognition and Awards

MTCP under the Ministry of Foreign Affairs, MTDC has partnered with Egypt, Kazakhstan, Sri Lanka and several African countries. MTDC is also a member of the ASPA, AUTM, and GIST, a partnership led by the U.S. Department of State and CRDF Global, an independent non-profit that promotes international scientific and technical collaboration.

International Cooperation Programme / Success Stories

Malaysia Technical Cooperation Program (MTCP) for South-South countries.

MALAYSIAN TECHNOLOGY DEVELOPMENT CORPORATION SDN. BHD. (MTDC)

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YEAR OF ESTABLISHMENT

1993

NO. OF STAFF

141

GEO-COORDINATES

3.147804, 101.718857

AREA OF EXPERTISE

Building world class Malaysian technology companies through strategic partnerships.

STRENGTHS AND ACHIEVEMENTS

Technology incubators that support technology start-ups.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Establishment of TENTRA, Symbiosis and AVAS.

MALAYSIAN INDUSTRY-GOVERNMENT GROUP FOR HIGH TECHNOLOGY (MiGHT)



Introduction

The Malaysian Industry-Government Group for High Technology (MiGHT) is a not-for-profit company limited by guarantee under the purview of the Prime Minister's Department. MiGHT plays a key role in developing Malaysia's high technology industry through its role as a think-tank, public-private consensus building and business nurturing platform.

It is an organisation built on the strength of public-private partnerships with more than 80 members - both local and international, from industries, government and academia.

Established in 1993, MiGHT has carried out its mandates and roles for more than 25 years through the development of various national strategic initiatives.

MiGHT is governed by its Board of Directors, represented by both the public and private sectors. The chairman is appointed by the Prime Minister of Malaysia, whereas the Board's composition is decided upon consultation with the Chief Secretary to the Government and prominent captains of industry.

Presently, MiGHT is 80 people strong with 70% of its personnel drawn from various disciplines including technical, research intelligence and analytics, among others.



Areas of Expertise

MiGHT offers a platform for collaboration between the public and private sectors in driving the nation's high technology industry by providing a network of local and global linkages for members to capitalise on through synergistic partnerships.

It serves as an autonomous consultative stage for members to mobilise and manage joint partnerships which are beyond the resources of an individual organisation.

MiGHT members come from various fields, including key government ministries and agencies, public listed companies, small and medium enterprises (SMEs), universities, research institutions, non-governmental organisations (NGOs) and multinational corporations (MNCs).

MiGHT offers:

1. Strategic Advisory and Intelligence.
2. Foresight and Future Studies.

3. Smart Partnerships Practices and Concept.
4. MiGHT Networks (Members and Strategic Partners) – optimising Global Strategies & Outreach.
5. Enhancing Future Talents & Promoting Technopreneurship Excellence.

Strengths and Achievements

Since 1993, MiGHT has been a key provider of science, technology and innovation (STI) policy input and has been responsible for the nation's road-mapping and high technology industry development plans.

MiGHT has spearheaded partnerships at local, regional and international levels and holds alliances with Centres of Excellence around the world including Australia, Germany, the United States and South Korea. MiGHT's strengths are anchored by its expertise and knowledge support systems.



Projects Undertaken (Domestic)

The following are selected projects undertaken by MiGHT within the last 5 years.

1. **Policy and Strategy Development**
 - iii. 2016 – Future of Malaysian Public Service 2020 and Beyond.
 - iv. 2018 – Industry4WRD: National Policy on Industry 4.0.
 - v. 2018 – National Anti-Corruption Plan 2019-2023.
2. **National Blueprints and Roadmap**
 - i. 2017 – Malaysia Aerospace Industry Blueprint 2030.
 - ii. 2018 – Malaysian Shipbuilding / Ship Repair Industry: Positioning in Industry 4.0.

Recognition and Awards

Smart Cities Leadership Award, 2019.

International Cooperation Programme / Success Stories

1. Newton Ungku Omar Fund with the United Kingdom Government.
2. Malaysia-Spain Innovating Programme with Centre for the Development of Industrial Technology, Spain.
3. Global Environmental Facility Cycle 6 with UNIDO (United Nations Industrial Development Organisation).
4. Global Cleantech Innovation Programme with UNIDO.
5. Future of Public Service Beyond 2020 with UNDP (United Nations Development Programme) and JPA (Malaysian Public Service Department).
6. Study on Future of Start-Ups with KISTEP (Korea Institute of S&T Evaluation and Planning), Korea.

MALYSIAN INDUSTRY-GOVERNMENT GROUP FOR HIGH TECHNOLOGY (MiGHT)

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YEAR OF ESTABLISHMENT

1993

NO. OF STAFF

80

GEO-COORDINATES

2.919493, 101.661413

AREA OF EXPERTISE

Development of Malaysia's high technology industry through a think-tank, public-private consensus building and business nurturing platform.

STRENGTHS AND ACHIEVEMENTS

Key provider of science, technology and innovation (STI) policy input, Malaysia's road-mapping and high technology industry development plans.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Alliances with Centres of Excellence around the world including Australia, Germany, South Korea and the United States.





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Tourism

What makes Malaysia special is the diversity of the country and its culture, which is the basis for the tagline “Malaysia Truly Asia.” No other country is home to Asia’s three major races: Malay, Chinese, Indian, plus other ethnic groups, within one destination in the large numbers present in Malaysia. This diversity gives birth to the colourful history, culture, heritage, festivals, cuisine, arts, and celebrations that now make Malaysia a must-visit destination. Aside from this, the wealth of natural resources in Malaysia is another priceless asset: million-year-old rainforests, islands and beaches, rivers and lakes, hills and mountains.

Among the factors attributed to Malaysia’s appeal as a holiday destination are: its value-for-money, well-developed infrastructure and amenities, great diversity of culture and natural attractions, state-of-the-art facilities in transportation and communications, as well as political stability and safety.

On average, there are over 20 million international tourist arrivals to Malaysia annually. The top 10 countries with the highest contribution of tourist arrivals were Singapore (over 7 million tourist arrivals), Indonesia (over 2 million), China (over 2 million), Thailand (over

1 million), Brunei (over 900,000), India (over half a million), South Korea (over half a million), Vietnam (over 300,000), Japan (over 300,000) and the Philippines (over 300,000).

Tourist expenditure reached over RM65 billion yearly, with a growth of 7%. The main contributors to the tourist expenditure were from Singapore (over RM16 billion), China (over RM12 billion), Indonesia (over RM8 billion), Thailand (over RM2 billion) and India (over RM2 billion).

Without a doubt, tourism is one of the most important sectors in the driving of growth in Malaysia’s economy, capable of generating both income and domestic jobs.

This tourism industry has contributed over 15% to the national economy. Employment in the tourism industry has increased to over 3 million persons, contributing roughly 23% to total employment nationwide. Food & beverage serving services and retail trade recorded the highest employment in the tourism industry with a share of just over 34% and 33% respectively.

MALAYSIA TOURISM PROMOTION BOARD (TOURISM MALAYSIA)



Introduction

Malaysia Tourism Promotion Board (MTPB), also known as Tourism Malaysia was established through the Malaysia Tourism Promotion Board Act 1992. Its full focus is in promoting Malaysia domestically and internationally. Its key mission is to market Malaysia as a destination of excellence and to elevate the tourism industry into becoming a major contributor to the socio-economic development of the nation.

Area of Expertise

Promotion and Marketing of Malaysian Tourism.

Strengths and Achievements

Since its inception, Tourism Malaysia has run its course of promoting and successfully positioning Malaysia as one of the world's leading tourism destinations.

Tourism Malaysia successfully brought in more than 25 million tourist arrivals, generating RM84.1 billion in tourist receipts in 2018, making tourism a major economic driver for the nation.

Currently, Tourism Malaysia has five regional offices and twenty-one Tourist Information Centres throughout Malaysia, thirty overseas offices and six marketing representative offices worldwide.



Projects Undertaken (Domestic)

In light of the unprecedented global pandemic of Covid-19, the postponed Visit Malaysia 2020 was the latest in a series of the iconic Visit Malaysia campaign. It was launched in line with the Malaysia Tourism Transformation Plan tasked with the objective of welcoming a total of 30 million tourists to Malaysia, registering an estimated RM100 billion in tourist receipts by the year 2020.

The goal of Visit Malaysia 2020 was to unite all industry players to achieve this common goal, whilst simultaneously attracting tourists from all over the globe to experience first-hand the warm hospitality and numerous tourist attractions Malaysia is well-known for.



Projects Undertaken (International)

Official Partner Country to promote Malaysia's culture and colourful nature in Berlin International Tourism Exhibition (ITB Berlin) 2019.



Recognition and Awards

Tourism Malaysia has received numerous awards and accolades that have continued to propel Malaysia towards international recognition. They are:

1. BestBrands in Nation Branding 2017 category, The Brandlaureate Awards, 2018.
2. Marketing Media in E-Newsletter category, Pacific Asia Travel Association (PATA) GOLD AWARDS, 2018.
3. Best Performance Award, Taipei International Travel Fair (ITF), 2018.
4. The Best Organisation Award, 14th Strait Travel Fair, Xiamen, 2018.
5. Best Publicity for Tourism Award, 21st Busan International Travel Fair.
6. Best Family Travel Destination Award, National Tourism Award, China, 2018.
7. Sipadan, Sabah; Best Diving Destination, Nature Travel Award, 2018.
8. The Most Favourite Social Media in Tourism Board category, U Magazine Travel Award, Hong Kong, 2018.
9. Best Organisation Award, China ASEAN Tourism Exhibition, 2018.
10. #1 Preferred Destination for Muslims, Mastercard-CrescentRating, Global Muslim Travel Index, 2018.

International Cooperation Programme / Success Stories

1. Official Partner Country for ITB Berlin 2019 which aims to boost arrivals to Malaysia for Visit Malaysia Year 2020 with targets of 30 million international tourists and RM100 billion (approximately £21.63 billion) in tourist receipts.
2. Appointed host for the 9th PATA Adventure Travel Conference and Mart (ATCM) in Kota Kinabalu, Sabah, from 12 to 14 February 2020 which expects more than 200 delegates from over 25 countries.
3. Collaboration with Expedia Group, an American global travel technology company, that promises to support Malaysia's domestic and international efforts to promote tourism to Malaysia in the coming years. It will spotlight Malaysia's hidden and unique tourist attractions, as well as promote a variety of accommodation options through Expedia Group's over 750 million monthly global visitors.

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YEAR OF ESTABLISHMENT

1972

NO. OF STAFF

937

GEO-COORDINATES

2.897852, 101.668363

AREA OF EXPERTISE

Promotion and Marketing of Malaysian Tourism.

STRENGTHS AND ACHIEVEMENTS

Attracted more than 25 million tourist arrivals to Malaysia.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Official partner for Berlin International Tourism Exhibition, host for 9th Pacific Asia Travel Association (PATA) Adventure Travel Conference and Mart (ATCM) and ongoing collaboration with Expedia Group (USA).



Low	Close	Change	Change (%)	Volume	
1801.31	1801.31	+3.32	+0.11	1,758.00M	
583.8	12499.3	12540.7	+47.70	+0.38	82.98M
697.4	1686.88	1687.08	0.00	0.00	N/A
5043.2	24890.1	25019.4	+94.50	+0.38	255.52M
343.53	7803.34	7825.98	+2.06	+0.03	413.25M
712.24	7651.33	7661.87	+10.54	+0.14	592.17M
1555	1555	-54.06	-3.36	N/A	

184 Malaysia External Trade Development Corporation (MATRADE)

186 Export-Import Bank of Malaysia (EXIM Bank)



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Trade

As a trading nation, Malaysia's exports represent over 60% of its economy and generates an estimated RM900 billion of the nation's revenue. Among the key sectors that represent Malaysia's main exports include electrical & electronics, mineral fuels & oils, machinery and mechanical appliances, animal or vegetable fats & oils and medical & surgical instruments.

Being an established trading nation, Malaysia is expected to move into the bracket of generating higher revenue from trade activities. Hence, it is natural to see Malaysia progress into the next phase of its manufacturing segment whereby innovation in the industry is to be facilitated by research and development. The paradigm shift will see Malaysia produce a high percentage of complete or final products on the back of companies adopting Industry 4.0, pushing Malaysia's capability towards a high supply chain network. Application of technology will improve product quality and increase efficiency in production. Consistency in production will largely address some areas on the non-tariff barriers segment while producing world class quality products. This achievement would place Malaysia in a competitive position as compared to its neighbouring countries.

ASEAN countries such as Cambodia, Indonesia, Thailand and Vietnam are countries whereby manufacturing sectors are strongly supported by low-skilled and semi-skilled labour. Thus, the manufacturing segment, especially that involving labour intensive operations and low production cost would thrive well in these countries.

In the case of Malaysia, industries must gain a competitive advantage through application of good machineries and technology especially with the recent announcement of the monthly minimum wage of RM1,200. Hence, industries such as pharmaceuticals, aerospace, machinery and equipment, electrical and electronics are foreseen to be the next key contributor for the manufactured product, driving the Malaysian economy. Consequently, these products should be Malaysia's next best export.

Taking this plan into cognisance, Malaysia's advanced infrastructure that includes good port accessibility, financing for trade activities, strong logistic connectivity and concerted support from respective government agencies shall strengthen the country's position as a respectable trading nation.

MALAYSIA EXTERNAL TRADE DEVELOPMENT CORPORATION (MATRADE)



Introduction

Malaysia External Trade Development Corporation (MATRADE) was established in 1993 as a statutory agency under the Ministry of International Trade and Industry (MITI) to help position Malaysia as a globally competitive trading nation.

Area of Expertise

MATRADE formulates and implements export marketing strategies and trade promotion activities to increase the country's exports, undertakes market research and creates a comprehensive database of information for the development and improvement of Malaysia's trade.

At the same time, the agency organises training programmes to enhance the international marketing skills of Malaysian exporters, promotes and assists in services related to trade as well as protecting Malaysia's international trade interests abroad.

In addition to raising the profile of Malaysian exporters in foreign markets, MATRADE disseminates timely information and market intelligence to assist Malaysian companies. MATRADE also facilitates the matching of Malaysian companies to foreign importers seeking suppliers and undertakes activities to promote the export of Malaysian goods and services in overseas markets.

Strengths and Achievements

In realising its vision of positioning Malaysia as a globally competitive trading nation, MATRADE has placed more than 40 trade offices worldwide to assist international buyers looking to source for Malaysian products and services. In Malaysia, MATRADE has five domestic offices in Johor, Penang, Sabah, Sarawak and Terengganu.

MATRADE's facilities include a world class business library, containing vast amounts of business information for companies to refer to.

Projects Undertaken (International)

Together with the International Trade Centre (ITC), Geneva, MATRADE organised the 9th Trade Promotion Organisation (TPO) Network World Conference and Awards. The conference, a biennial event first launched in 1996, brought together more than 200 delegates from 65 countries to address the theme "Transforming TPOs Business through Innovation".

MATRADE also organised the annual Third Country Training Programme (TCTP), a capacity-building collaboration project between the Government of Malaysia and the Government of Japan. TCTP aims to share both countries' expertise and experiences in trade promotion strategies



and programmes with selected African countries.

Furthermore, in conjunction with Malaysia hosting the APEC 2020 summit, MATRADE organised the #MyAPEC2020 trade exhibition. It took the form of a virtual exhibition, allowing visitors online access from around the world.

Recognition and Awards

1. Islamic Solidarity prize, Islamic Development Bank (IsDB) for MATRADE's efforts in promoting trade among the Organisation of Islamic Cooperation (OIC) member nations.

MALAYSIA EXTERNAL TRADE DEVELOPMENT CORPORATION (MATRADE)

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YEAR OF ESTABLISHMENT

1993

NO. OF STAFF

615

GEO-COORDINATES

3.177174, 101.666751

AREA OF EXPERTISE

External Trade Promotion and Exporters' Development.

STRENGTHS AND ACHIEVEMENTS

MATRADE has placed more than 40 trade offices worldwide and its promotion of Malaysian exports has enabled many local companies to carve out new frontiers in global markets.

INTERNATIONAL COOPERATION / SUCCESS STORIES

MATRADE has signed 42 MoUs with foreign Government Ministries & Agencies, Trade Promotion Organisations (TPO), Associations, Chambers of Commerce (COC), Financial Institutions, Ports and Companies as part of the International Cooperation Programme.



International Cooperation Programme / Success Stories

Malaysian companies have been able to carve out new frontiers in global markets as a result of MATRADE's promotion efforts.

MATRADE has signed 42 MoUs with foreign Government Ministries & Agencies, Trade Promotion Organisations (TPO), Associations, Chambers of Commerce (COC), Financial Institutions, Ports and Companies as part of the International Cooperation Programme. Areas of collaboration contained in the MoUs are:

1. Sharing of experiences in capacity building;
2. Sharing of information and expertise in areas of mutual benefit;
3. Facilitation of trade promotion programmes;
4. Exchange and dissemination of trade related information on export opportunities; and
5. Exchange of visits/business delegations.

These MoUs extend across regions such as Africa, Europe, Oceania, Latin America, North America, Central Asia, East Asia, South Asia, Southeast Asia and West Asia.

2. ASEAN Master Class Award in ASEAN Development Contribution, ASEAN Outstanding Business Award (AOBA), 2017, for MATRADE's efforts in facilitating the expansion of Malaysian enterprises into global markets, particularly ASEAN.
3. Golden Merchant Award for Outstanding Foreign Commercial Office, The General Chamber of Commerce, Taiwan. These awards were also in recognition of MATRADE's staffs dedication to delivering its services.
4. 'Malaysia International Halal Showcase (MIHAS)', Largest Halal Trade Fair in Malaysia, Malaysia Book of Records (MBR).

EXPORT-IMPORT BANK OF MALAYSIA BERHAD (EXIM BANK)



Introduction

Export-Import Bank of Malaysia Berhad (EXIM Bank) was incorporated in 1995 as a government-owned Development Financial Institution (DFI). This is the only DFI in Malaysia dedicated to promoting the development of cross-border ventures through the provision of financing and insurance facilities to Malaysian entities conducting their businesses overseas.

As an agency owned by Ministry of Finance (MOF), and now under the purview of the Ministry of International Trade and Industry (MITI), the bank's mandated role is to stimulate and enhance the competitiveness of Malaysian industries for exports and investments overseas via the provisioning of internationally and domestically competitive banking and insurance products and advisory services.

This is undertaken by facilitating the entry of Malaysian companies into new markets abroad with an emphasis on non-traditional markets, where there is limited participation from commercial banks.

Area of Expertise

Having been in the industry for over 20 years, EXIM's key areas of expertise revolve around promoting reverse investments and supporting exports from strategic sectors.



The bank is able to finance and support exports and imports of capital goods, services, infrastructure projects, shipping and value-added manufacturing, in addition to providing export credit takaful services, overseas investments and guarantee facilities.

Furthermore, in line with the Malaysian government's aspirations of becoming an Islamic financial hub, EXIM Bank also offers a wide range of Islamic banking facilities such as cross-border term financing, trade finance and guarantee. Where trade credit takaful facilities are concerned, the Bank offers Islamic-based financing for short-term trade credit insurance and medium- to long-term trade credit.



Strengths and Achievements

EXIM's key strength lies in its ability to provide financing facilities to Malaysian contractors undertaking local or foreign contracts in the areas of infrastructure, manufacturing and other developmental projects.



EXPORT-IMPORT BANK OF MALAYSIA BERHAD (EXIM BANK)

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YEAR OF ESTABLISHMENT

1995

NO. OF STAFF

320

GEO-COORDINATES

3.158664, 101.700591

AREA OF EXPERTISE

Development Financial Institution (DFI) in Malaysia dedicated to promoting development of cross-border ventures through financing and insurance facilities.

STRENGTHS AND ACHIEVEMENTS

Global footprint that covers 87 countries with credit insurance exposure to over 54 countries.

INTERNATIONAL COOPERATION / SUCCESS STORIES

Asian EXIM Bank Forum (AEBF) held annually to develop and enhance regional cooperation among member institutions within the Asian community.

To date, EXIM has achieved a global footprint that covers 87 countries while its stand alone credit insurance exposure extends to over 54 countries. As such, it is able to provide local businesses with financing to develop projects abroad, acquire overseas assets or working capital for overseas contracts while also providing business protection via credit insurance or takaful services.

Projects Undertaken (Domestic)

Locally, EXIM has worked with the respective local authorities to put these financing schemes in place:

1. Bank Negara Malaysia Fund for SMEs.
2. Credit Guarantee Corporation (CGC) Schemes.
3. Syarikat Jaminan Pembiayaan Perniagaan (SJPP) Schemes - government guarantees on credit facilities provided to SME companies.

Recognition and Awards

1. Best Environment Friendly Project, CMO Asia's Best CSR Practices Awards, 2019.
2. Company of the Year Award Overall Sustainability Excellence, CSR Malaysia Awards, 2019.

3. Organisation with Innovative HR Practices, Malaysia Best Employer Brand Awards, 2019.
4. HR Best Practices, Malaysia International HR Awards, 2018.
5. Premier Corporate Brand, The Brandlaureate Special Edition World Awards, 2018.
6. SME supporter award, SME Platinum Business Awards, 2018.
7. Company of the Year Award, CSR Malaysia Awards, 2016 & 2017.
8. Africa Deal of the Year, Islamic Finance News, 2016.
9. Best Quasi-Sovereign Sukuk; Best Islamic Deal in Malaysia; Asset Asian Awards, 2015.

International Cooperation Programme / Success Stories

1. Asian EXIM Bank Forum (AEBF), an annual event to develop and enhance regional cooperation and forge stronger links among member institutions.
2. Malaysia South-South Association (MASSA): a business organisation focusing on business opportunities in new emerging markets, namely South-South Countries.
3. MASSCORP: a consortium promoting bilateral trade and investment.



BIBLIOGRAPHY

1. Islamic Development Bank. (2014). Diagnostic Mission to Initiate A Reverse Linkage Project On Self-Sufficiency Of Rice Production Between Brunei (Recipient) and Malaysia (Provider). Retrieved from <https://www.isdb.org/projects/data/uid-pj0031440>.
2. Islamic Development Bank. (2015). Inauguration of Reverse Linkage's Artificial Insemination Program Training. Retrieved from <https://www.isdb.org/news/inauguration-of-reverse-linkage-s-artificial-insemination-program-training>.
3. Islamic Development Bank. (2018). Reverse Linkage: Development through South-South Cooperation. Retrieved from <https://www.isdb.org/sites/default/files/media/documents/2019-01/Reverse%20Linkage%20-%20Development%20Through%20SSC.pdf>.
4. Islamic Development Bank. (2019). 2018 Annual Report. Retrieved from https://www.isdb.org/sites/default/files/media/vdocuments/2019-04/usb%20Annual%20report%20English%202018_softproof.pdf.
5. Islamic Development Bank. (2019). Reverse Linkage Policy: Making Connections To Drive Development In Today's Global Environment. Retrieved from <https://www.isdb.org/sites/default/files/media/documents/2019-03/RL%20Policy.pdf>.
6. Ismail, Izwan. (2019). "2020 Budget: A Boost For Malaysia's Tech Industry". New Straits Times, October 14, 2019.



7. Lee, Joy. (2017). "Boosting The Services Sector". The Star, February 13, 2017.
8. Malaysian Investment Development Authority. (2019). Developed Infrastructure. Retrieved from <https://www.mida.gov.my/home/developed-infrastructure/posts/>.
9. MATRADE. (2017). About MATRADE. Retrieved from <http://www.matrade.gov.my/en/about-matrade>.
10. MATRADE. (2018). MATRADE Annual Report 2017: Delivering 24 Years of Export Success, Primed For Future Growth. Retrieved from http://www.matrade.gov.my/documents/ebook/annual_report_2017/.
11. Ministry of Finance Malaysia. (2020). History. Retrieved from <https://www.treasury.gov.my/index.php/en/ministrys-profile/history.html>.
12. World Shipping Council. (2020). Top 50 World Container Ports. Retrieved from <http://www.worldshipping.org/about-the-industry/global-trade/top-50-world-container-ports>.





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