

ISOSYNERGY GROUP SDN BHD (1205214-P)
COMPANY PROFILE



**ISOSYNERGY
GROUP SDN BHD**

ABOUT COMPANY

Isosynergy Group Sdn. Bhd. (1205214-P) was founded in 2016 as an independent private company and Energy Service Company (ESCO) specialized in providing technical and consulting services for Engineering Sector, Construction Sector Facility Management Sector and Governmental Sector in Malaysia.

www.isosynergy.my

Our expertise with hands-on experience in related business domains enables us to better understand our customer's need and requirements to

- Be totally customer oriented and work together to define clear goals.
- Provide the ideal combination of theory and practical solutions.
- Collaborate with other required teams either internally or externally to achieve the client's objective, success and satisfaction
- Deliver results in a timely and cost-effective manner with the utmost attention on quality.
- Customize solutions to our customers, implement the solutions and ensure the solutions are properly integrated into the customers organization.
- Strive to deliver excellent value to our clients and work towards becoming our client's long-term business partners.

Vision

- Providing our customers excellence with the desire to gain total customer satisfaction and confidence.
- To build reliability, trust, and friendships through honesty and integrity to ensure healthy long-term business partnership.
- We value our professionalism in delivering integrated business solution that is efficient and react rapidly to the changes of our client's requirements.

Mission

To promote sustainable growth of the company, Isosynergy Group Sdn Bhd takes the partnership approach, where through our professional expertise in engineering, construction, and industrial sector, we guide and support our clients towards achieving their goals and ensure that our projects are mutually successful for all. The success then allows our clients to succeed their higher objectives



ENERGY MANAGEMENT CONSULTATION

We have experts in conducting Detailed Energy Audit, Proposed Energy Saving Measures (ESM), Establishment of Energy Management Comitee and proposing annual budgetary for ESM to clients.

GREEN BUILDING CERTIFICATION

We have vast experience in certifying building which comply to Green Building Certification bodies such as Leadership in Energy and Environmental Design (LEED), Energy Management Gold Standard (EMGS) and Green Building Index (GBI).

ENERGY MANAGEMENT PROJECT

Our team experience in varieties of Energy Management project planning and implementation ranges from Government & Private Hospitals, Government Buildings and Factories.

MECHANICAL, ELECTRICAL, CIVIL & STRUCTURE

Our engineering services ranges from Mechanical, Electrical, to Civil and Structural disciplines will further complement and smoothen the implementation of the client's sustainability strategy.

DEFECT INSPECTION

provide engineering solution and services for Defect Inspection, Asset Management and Maintenance as well as Predictive Maintenance.



Isosynergy Group Sdn Bhd is an Energy Service Company (ESCO), Grade G3 CIDB (0120200309-SL044314) contractor and a registered contractor with MOF, Experienced team that holds several extensive Engineering, Safety and Health and Energy Management Competencies as follows:

- Registered Electrical Energy Manager, Suruhanjaya Tenaga.
- Certified International Project Manager, AAPM.
- Classic Assessor, Stage 3 CIDB
- MyCrest Facilitator, CIDB.
- Professional Energy Manager, AEMAS.
- Certified Energy Manager, AEMAS.
- Certified Professional in Measurement and Verification, AEMAS.
- Trained Energy Auditor, Greentech Malaysia.
- Certified Vibration Analyst, Mobius Institute.
- Certified Level 1 Infrared Thermographer, Mobius Institute.
- Safety Health Officer, DOSH.
- Indoor Air Quality Trained Personnel, DOSH.

OUR STRATEGIC PARTNERS



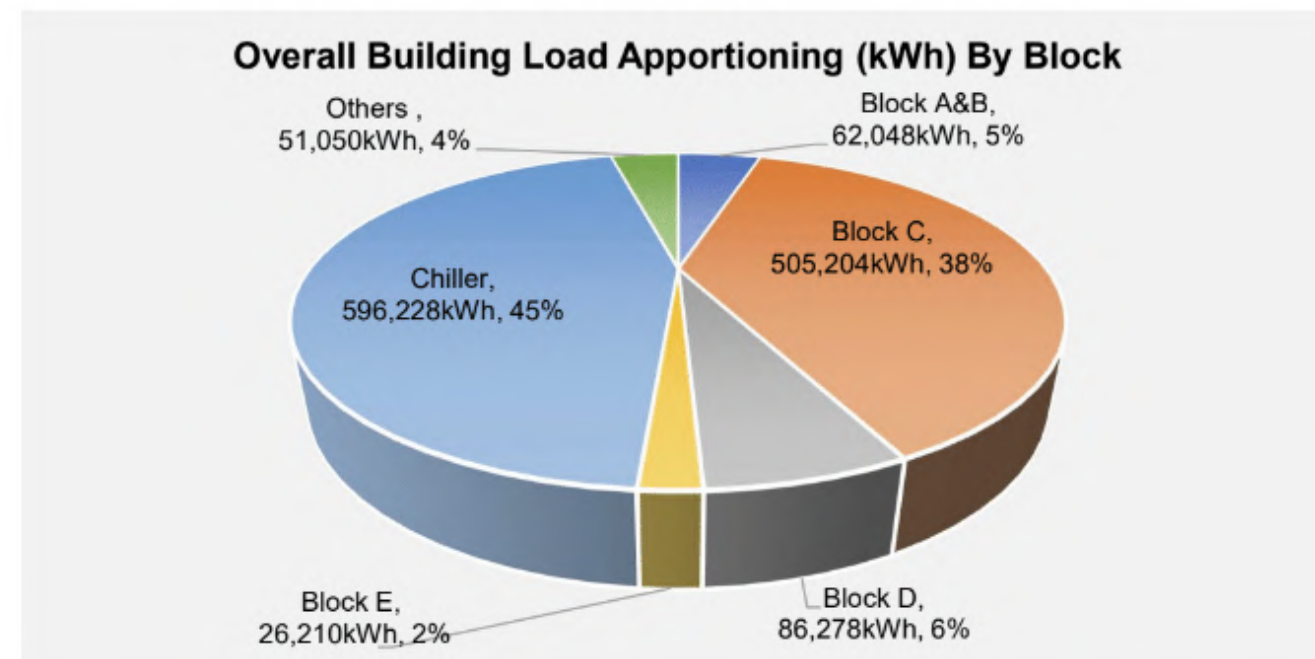
Strategic Partnership with TNB Research in promoting Energy Management solutions

Scope of Work:

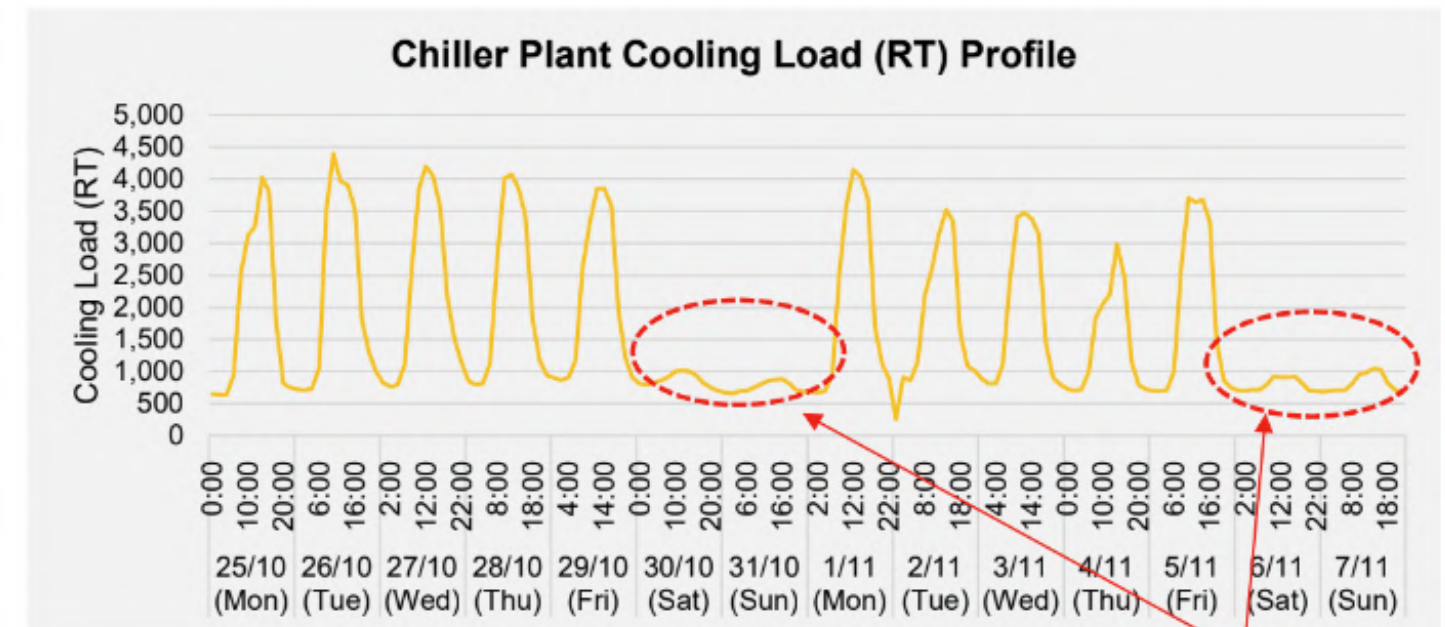
- Becoming Energy Manager for specific building
- Becoming Energy Management Consultant for the company
- Conduct Detailed Energy Audit to recommend Energy Saving Measures (No/Low Cost or Medium/High Cost)
- To establish energy management committee:
 - a. Analyse existing energy management policy and suggest for improvement
 - b. Energy Saving Measures
 - c. Yearly planning
 - d. Standard Operation Procedures (SOP)



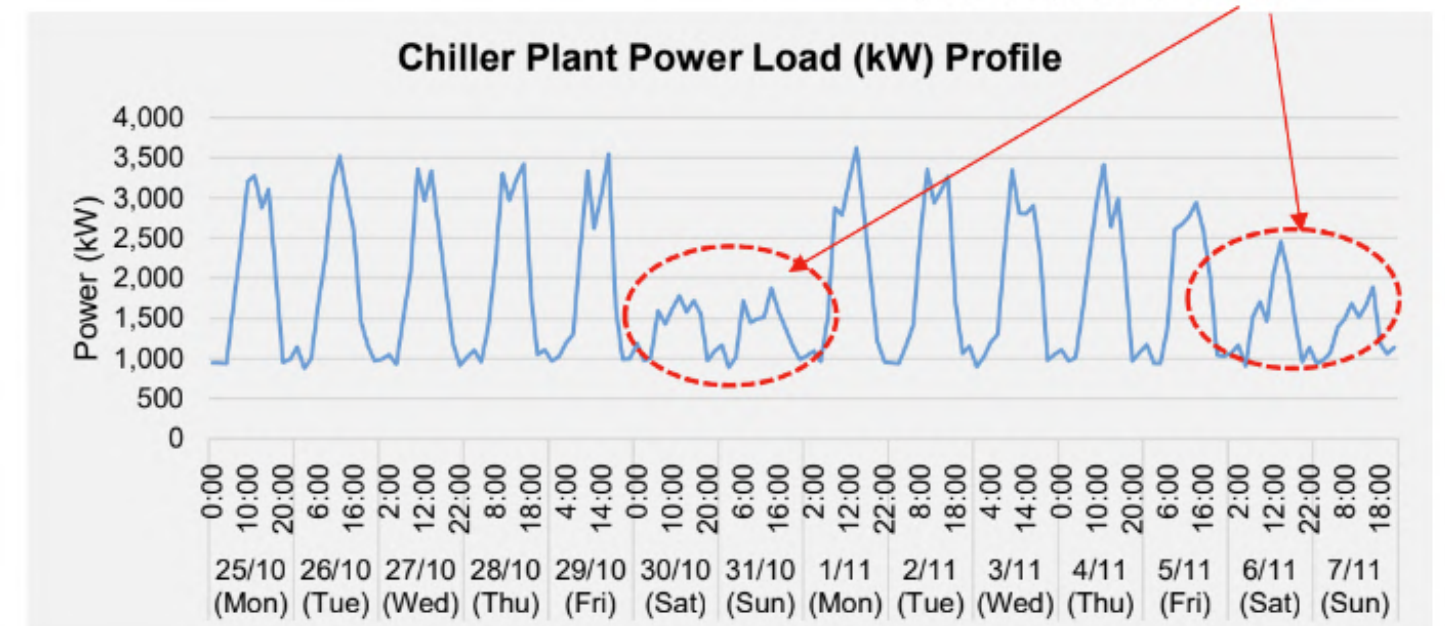
Detailed Energy Audit (DEA) is part of a planned activity for Energy Management Program. The Executive Summary of Energy Audit highlights the vital information, findings on energy pattern and priority lists for implementation of beneficial Energy Saving Measures (ESM).



Block	kWh	Percentage
Block A & B	62,048 kWh	4.68%
Block C	505,204 kWh	38.07%
Block D	86,278 kWh	6.50%
Block E	26,210 kWh	1.98%
Chiller	596,228 kWh	44.93%
Others	51,050 kWh	3.85%
HT Incoming	1,327,018 kWh	100%



Miss-matching of weekend's cooling load (RT) vs power load (kW) indicates potential operational wastage





LEED certification review report

This report contains the results of the technical review of an application for LEED® certification submitted for the specified project. LEED certification is an official recognition that a project complies with the requirements prescribed within the LEED rating systems as created and maintained by the U.S. Green Building Council® (USGBC®). The LEED certification program is administered by Green Business Certification Inc. (GBCI®).

Institut Kanser Negara, Malaysia

Project ID	1000160473
Rating system & version	LEED V4 O+M: EB
Project registration date	06/01/2022



Gold Certified

Certified: 40-49, Silver: 50-59, Gold: 60-79,
Platinum: 80+



ENERGY MANAGEMENT CONSULTATION

2022

Project USGBC LEED Certification Consultancy
For Ambang Wira Sdn. Bhd.
Client Institut Kanser Negara, Kementerian
Kesihatan Malaysia

Project Consultation for AEMAS Energy
Management Gold Standard
(EMGS) One Star Certification
For Jangka Prestasi Sdn. Bhd.
Client Jabatan Pendaftaran Negara

Project Detailed Energy Audit
For Sinar Teknik Urus Harta Sdn. Bhd.
Client Jabatan Audit Negara

2021

Project Detailed Energy Audit
For Sinar Jernih Sdn. Bhd.
Client Kementerian Kesihatan Malaysia &
National Institutes of Health

Project EMGS One Star Certification
Consultation Works
For KCJ Engineering Sdn. Bhd.
Client Jabatan Kerja Raya & Kementerian
Pendidikan Malaysia

2020

Project EMGS One Star Certification
Consultation Works
For Solar District Cooling Sdn. Bhd.
Client Jabatan Kerja Raya & Kementerian
Kewangan Malaysia

Scope of Work:

In the pursue as a wholesome service in Energy Management, we are also have broad experience in executing projects related to Energy Management.

This will increase the success rate exponentially in transforming recommendation from the report into an actual savings enjoyed by the client.

We have wide varieties of Energy Management Project that was successfully completed under our company such as:

- Indoor Air Quality (IAQ)
- Retrofitting of LED light
- Installation of digital water meter and digital power meter
- Rainwater harvesting



ENERGY MANAGEMENT PROJECT

2023

Project : Rainwater & RO RW Harvesting System
For : Medinvest Sdn Bhd
Client : Hospital Bahagia Ulu Kinta

Project : Rainwater & RO RW Harvesting System
For : Medinvest Sdn Bhd
Client : Hospital Jempol

2022

Project : Indoor Air Quality Monitoring Works
For : Ambang Wira Sdn. Bhd.
Client : Institut Kanser Negara, Kementerian
Kesihatan Malaysia

Project : Rainwater & RO RW Harvesting System
For : Medinvest Sdn. Bhd
Client : Hospital Tampin,
Kementerian Kesihatan Malaysia

Project : LED Street Light Retrofit
For : UEM Edgenta Sdn. Bhd.
Client : Hospital Sultanah Bahiyah,
Kementerian Kesihatan Malaysia

2021

Project : Installation of Digital Power Meter
For : Medinvest Sdn. Bhd.
Client : Hospital Sultanah Nora Ismail,
Kementerian Kesihatan Malaysia

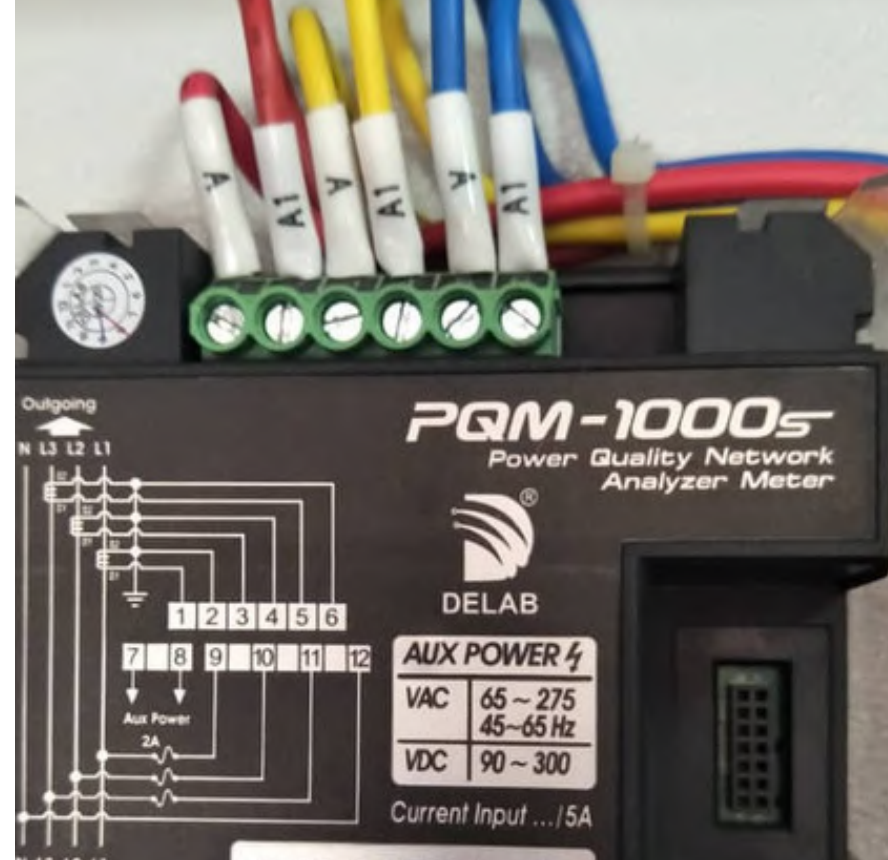
2020


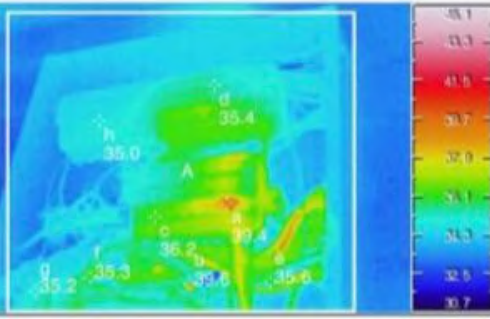
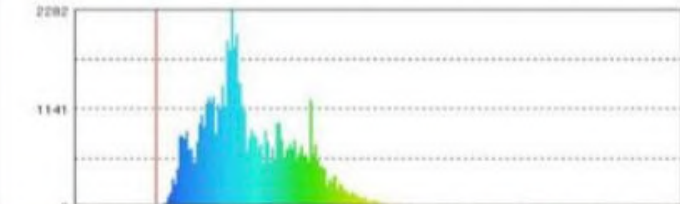
Project : Installation of Digital Power Meter
For : Medinvest Sdn. Bhd.
Client : Hospital Segamat, Kementerian
Kesihatan Malaysia

Project : LED Retrofitting (EPC Project)
Item: 13,000 Unit LED Lamp
For : Jangka Prestasi Sdn. Bhd.
Client : Hospital Sultanah Nora Ismail,
Kementerian Kesihatan Malaysia

Project : Installation of Digital Power Meter
For : Edgenta Mediserve Sdn. Bhd.
Client : Hospital Seberang Jaya,
Kementerian Kesihatan Malaysia

Project : Installation of Digital Power Meter
For : Edgenta Mediserve Sdn. Bhd.
Client : Hospital Jasin, Kementerian
Kesihatan Malaysia



Inspection Item	Result of Inspection
	
Visible Image	Thermal Imager
	<input type="checkbox"/> Repair required <input type="checkbox"/> Other
Point	a b c d e f g h
Temp	39.4°C 39.56°C 36.17°C 35.42°C 35.56°C 35.33°C 35.24°C 34.97°C
	



Virtual Energy Manager (VEM)

VEM's Customer-centric Software-as-a-Service (SaaS) – TNB's own in-house Energy Management Solutions that provide virtualized computing resources over the Internet to meet the future challenges of smart connected, decentralized energy infrastructure for sustainability business goals.

List of potential sectors to be offered VEM platform & services:

1. Retails
2. Office Buildings
3. Hotel & Hospitality
4. Municipalities
5. Manufacturing
6. Logistics
7. Sports & Leisure



MECHANICAL, ELECTRICAL, CIVIL & STRUCTURE

Our engineering services ranges from Mechanical, Electrical, to Civil and Structural disciplines will further complement and smoothen the implementation of the client's sustainability strategy.

We also assist in renovations; including painting, carpentry, and clean up. Complete minor repairs such as replacing ceiling tiles, filters, light bulbs, patching vinyl, painting, repairs to pipe lines, toilets, sinks, kitchen and laundry equipment etc.



2022

Project : Rainwater Harvesting System
For : Medivest Sdn. Bhd.
Client : Hospital Tampin

Project : Office Renovation Works
For : Impactive Malaysia Sdn. Bhd.

Project : Office Restoration Works
For : CeritaNCo. Sdn. Bhd.

2020

Project : Installation of Plinth for Solar Hot
Water Tanks
For : Solar District Cooling Sdn. Bhd.
Client : Hospital Sultanah Bahiyah,
Kementerian Kesihatan Malaysia

Project : Civil and Renovation work
For : Jabatan Kerja Raya Sepang

2019 - 2020

Project : Various Renovation Work for houses,
offices and restaurants

ISOSYNERGY
GROUP SDN BHD

PROJECT GALLERY



Defect Pro is an engineering company based in Klang Valley that provide engineering solution and services for Defect Inspection, Asset Management and Maintenance as well as Predictive Maintenance. More than 5 years in Facilities Management, has provide us with vast experienced to manage in both normal and critical situations to make sure the system are well inspect, maintenance and functioning in any situations. Our qualified team of professionals are responsible to deliver the highest standard and solution aligned with the goals of our clients.

- **Certified Qlassic Assessor under QLASSIC by CIDB**
- **Inspected more than 300 units.**
- **Developing an application for defect inspection collaboration with Universiti Sains Malaysia, USM.**
- **Representing residents in tribunal claims at Ministry of Housing and Local Government (Malaysia)**



ISOSYNERGY
GROUP SDN BHD

PROJECT GALLERY





MEET OUR PROFESSIONAL

AIMAN HAKIM NORDIN

Managing Director (MD)

Bachelor in Mechanical Engineering, UITM Shah Alam

- Founder of Isosynergy Holdings Sdn Bhd (Business Growth & Development & Investment Holdings) & Isosynergy Group Sdn Bhd (Energy Management & Engineering)
- Founder #businessSynergy (Community Based Business Sharing Platform)
- CBD, Visio Asia Sdn Bhd (Video Production Agency)
- CBD, Plnt.co Sdn Bhd (Indoor Plant & Retail)
- CEO, NLK Group Sdn Bhd (F&B)
- Founder Defect Pro (House Defect Inspection, Certified Qlassic Assessor)
- Operation Analyst , Medivest Sdn Bhd (Engineering Company)
- Mechanical Engineer & Sustainability Engineer, UEM Edgenta Sdn Bhd
- Certified Energy Manager & Vibration Analyst

MEET OUR PROFESSIONAL



**AMAL ASHRAFF
MOHD ARIFIN**

Bachelor in Mechanical
Engineering

Bachelor in Mechanical Engineering

- Regional Energy Engineer Total IFM
- Energy Engineer, Radicare (M) Sdn Bhd
- Sustainability Program Manager, Medivest Sdn Bhd
- Assistant Operation Manager, Cenergi Sea Berhad (Subsidiary of Khazanah Berhad)
- Head of Energy Department, Semasa Services Sdn Bhd
- REEM,CEM,CPMV,MyCrest-QP



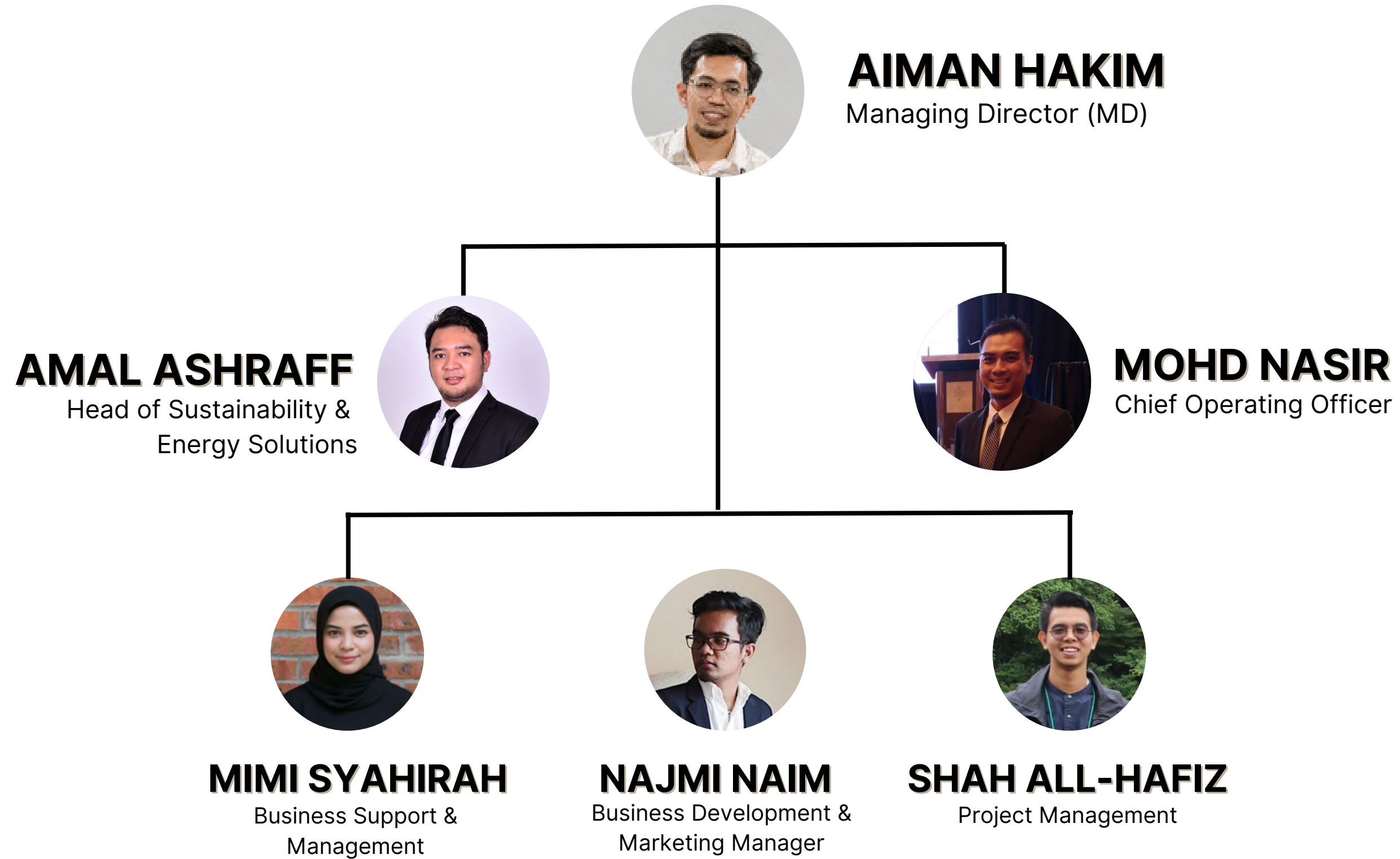
**MOHD NASIR
DHIAUDDIN**

Bachelor in Mechanical
Engineering, UKM

Bachelor in Mechanical Engineering, UKM

- Project Engineer, Faber Mediserve Sdn Bhd
- Sustainability Programme Senior Engineer, UEM Edgenta Sdn Bhd
- Certified Energy Manager
- Certified Professional in Measurement and Verification
- Energy Auditor
- Indoor Air Quality Trained Personne | UEM Edgenta Sdn Bhd

ORGANIZATION CHART



**ISOSYNERGY
GROUP SDN BHD**

**LETS
CONNECT
WITH US!**

 **ISOSYNERGY
GROUP SDN. BHD.**



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