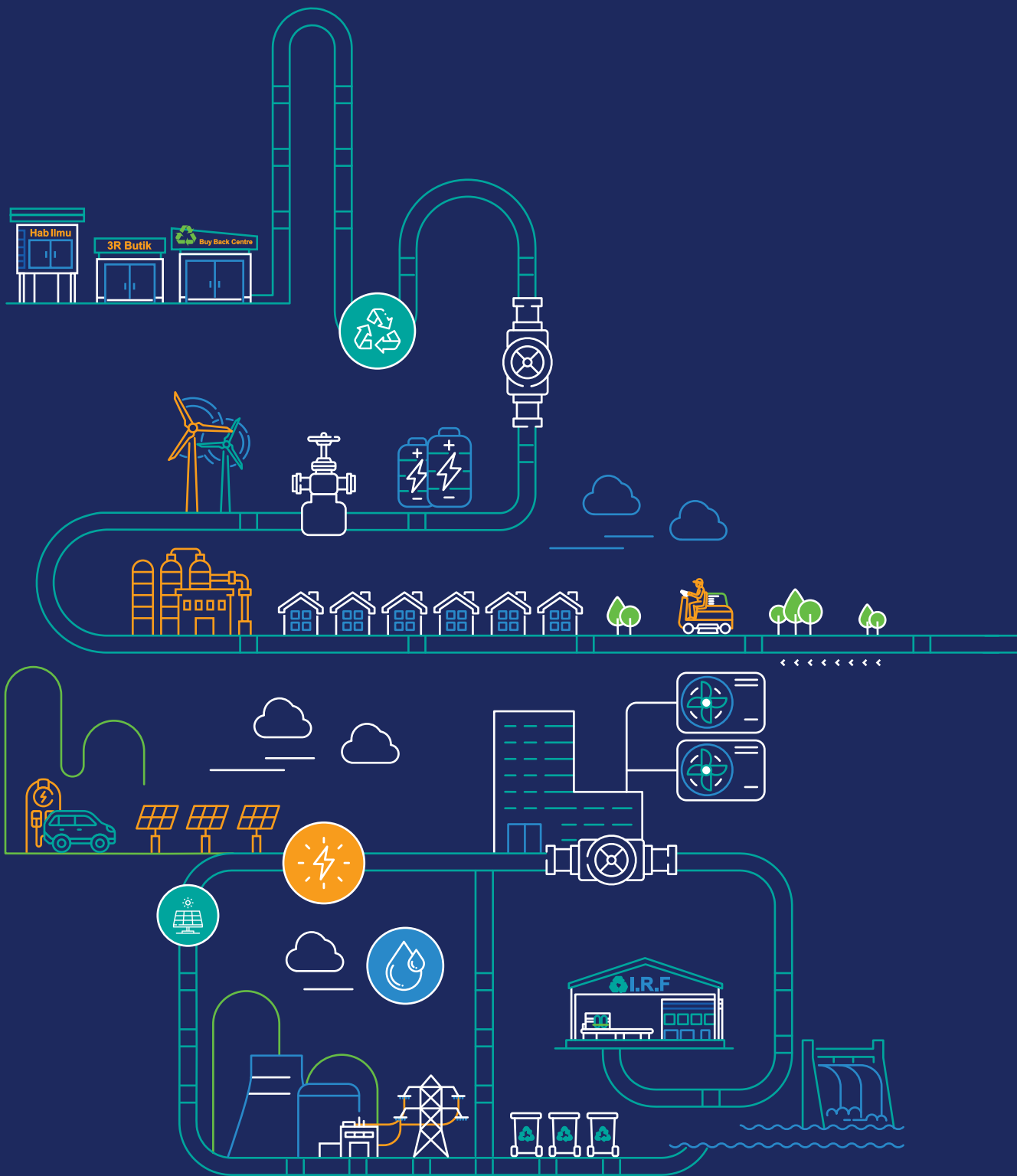


**Enhancing Life,  
Enriching Communities.**

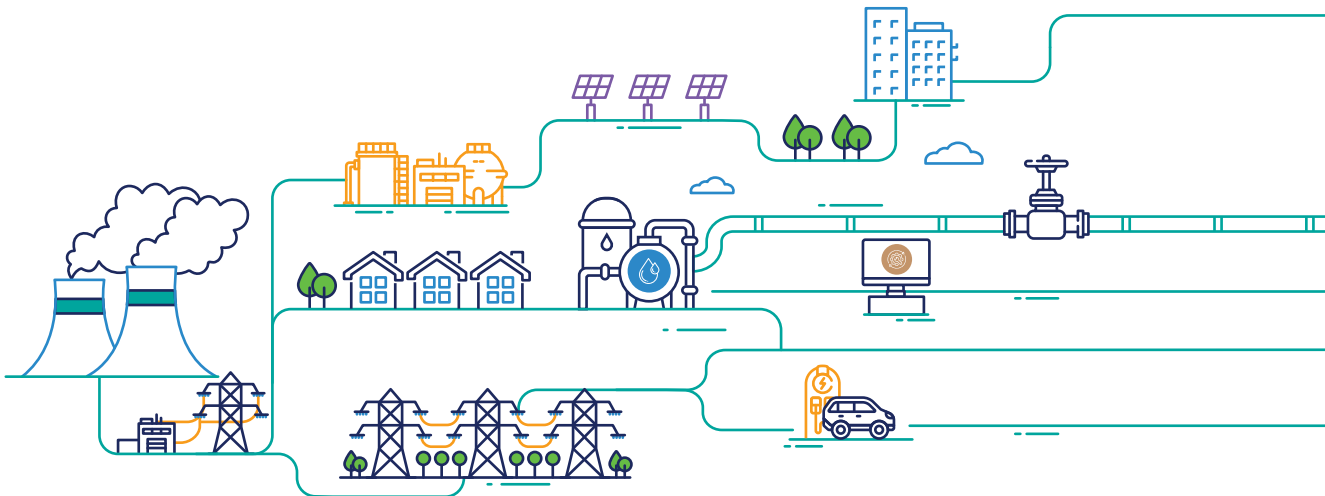


# About Us

Malakoff Corporation Berhad is a multinational company specialising in energy generation and environmental solutions. We are Malaysia's largest Independent Power Producer (IPP) with a capacity of more than 6,953 MW, and a robust Renewable Energy (RE) portfolio of more than 159 MW. Another pillar in our business of enhancing lives and enriching communities, is represented by our subsidiary, Alam Flora Sdn Bhd, which leads as one of Malaysia's top environmental solutions companies, efficiently managing daily waste volume close to 5,000 tonnes.



With a global footprint, Malakoff has introduced innovative solutions through power generation and water desalination ventures. In our current transformative stage, we are actively driving change to align with the nation's aspirations for carbon neutrality and a circular economy.



# Our Vision & Mission

## Our Vision

To be a leading global energy generation and environmental solutions player, shaping a greener future through innovation and sustainability best practices.

## Our Mission

- Aspire to become the preferred employer
- Deliver superior shareholder value
- Sought after as a partner of choice
- Sustain best-in-class operating discipline
- Earn respect as a good corporate citizen





# Our Brand Architecture



## A Leading **Global Energy** and **Enviromental Solutions** Company

Focused on enriching communities and enhancing lives with innovative, sustainable solutions and strategic collaboration within its subsidiaries for a sustainable, prosperous future for the planet and people.



### Innovative and Sustainable Green Solutions Provider

Focused on **providing green energy solutions** through sustainable best practices.

#### Green Solutions

- Solar
- Biogas and Biomass
- Small Hydro
- Battery Storage
- Carbon-Free Mobility Infrastructure
- RE Certificates



### Leader in Waste Management and Solutions

Focused on **enviromental management and solutions** that is dedicated to serving communities and the planet.

#### Enviromental Solutions

Concession



Non-Concession



### Quality Services for Energy Management

Focused on **providing energy management solutions**.

#### Energy Management Solutions

- Thermal Generation
- Operation and Maintenance
- Electricity Distribution and District Cooling System



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**Enhancing Life,  
Enriching Communities.**

# Our Journey

Malakoff is on a transformative path to become a prominent global player in Renewable Energy and environmental solutions strategically centered around Thermal Power Generation, Renewable Energy, Environmental Solutions and Water Desalination. The driving force behind Malakoff's growth trajectory is its steadfast commitment to key sustainability principles and adherence to Environmental, Social, and Governance (ESG).

**1970s**

Plantation-based business.



**1975**

Malakoff Berhad incorporated



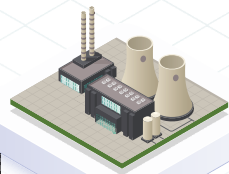
**1976**

Listed on the Main Board of Bursa Malaysia.



**1993**

Disposal of plantation-based assets and subsequent venture into the thermal sector. Construction of first thermal plant.



**2000**

Expansion of its thermal plants in Malaysia.

# Our Journey

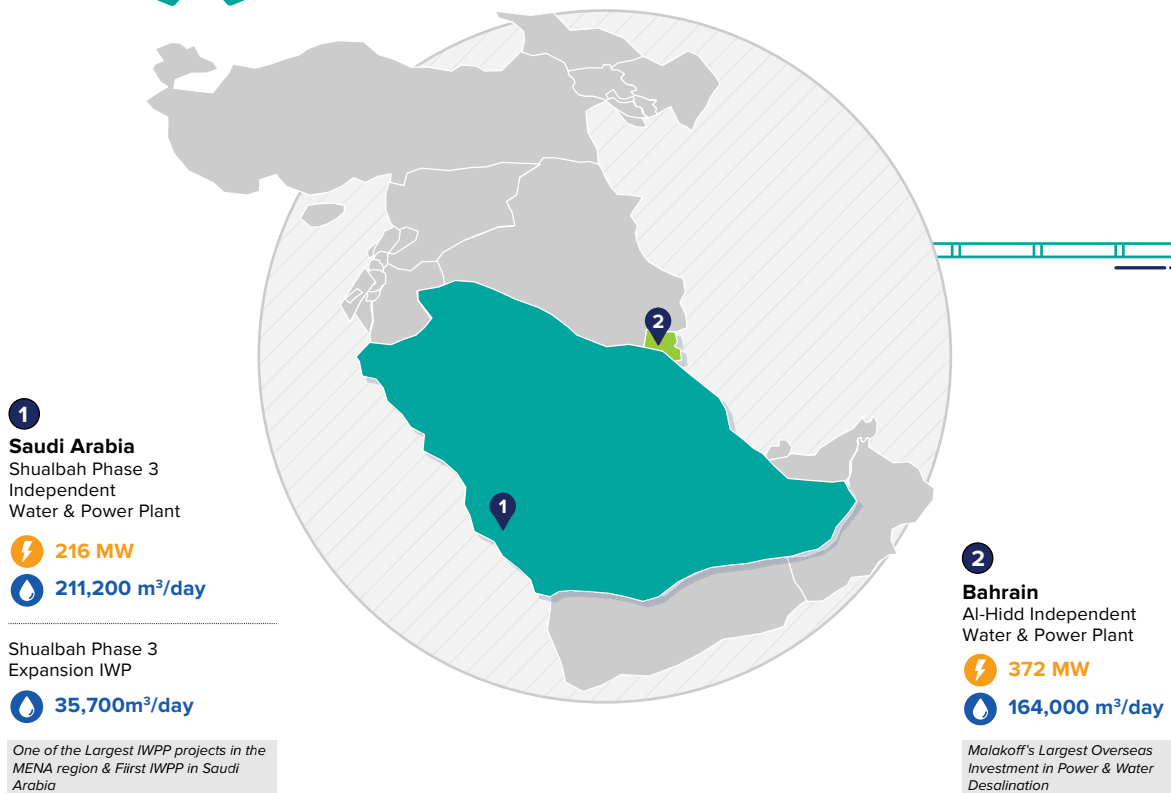


# Our Presence

**MALAKOFF** operates in



## International Footprint



**Renewable Energy**

**159 MW**  
Renewable Energy Total Capacity

**2 units**  
EV Charger Station

**421,3988 MT/year**  
Total CO<sub>2</sub> Avoidance

**134 MW**  
Renewable Energy Effective Capacity

**Equivalent to**

Carbon Sequestration of 10 million matured trees

91,000 passenger cars

**Power**

**5,342 MW**  
Total Effective Thermal Power Generation Capacity

**Water**

**472,975 m³/day**  
Total Effective Water Production Capacity

**Environmental Solutions**

**4,386 tonnes/day**  
Total Solid Waste Management Volume<sup>1</sup>

**Notes:**  
IWP – Independent Water Plant  
IWPP – Independent Water and Power Producer

<sup>1</sup> Inclusive of concession and non-concession areas

# Our Presence

3

## Penang

Prai Power Plant

**350 MW**

*One of the Most Efficient Gas-Fuelled Power Plant in Malaysia*

4

## Perak

SEV Power Plant

**1,222 MW**

*The Second Largest IPP-owned Combined-Cycle Gas Turbine (CCGT) plant in*

5

## Selangor

Kapar Power Plant

**880 MW**

*The First and Only Triple Fuel Firing Power Plant in Malaysia (Gas, Oil, Coal)*

6

## Kuala Lumpur

Environmental Solutions

**2,127 tonnes/day**

7

## Putrajaya

Environmental Solutions

**128 tonnes/day**

## Domestic Footprint



8

## Pahang

Environmental Solutions

**876 tonnes/day**

**Alamn Flora (Overall)**  
Non-Concession Areas

**1,238 tonnes/day**

Recyclable Material

**17 tonnes/day**

9

## Johor

Tanjung Bin Power Plant

**1,890 MW**

Tanjung Bin Energy Power Plant

**1,000 MW**

*The First Private Coal-Fired Plant in Malaysia and one of the Bigger Coal-Fired IPPs in South East Asia*



Power



Renewable Energy



Water



Environmental Solutions

# Our ESG Strategy



## Environmental

### Commitment

We are committed to act on climate change by reducing our carbon emissions and advancing the transition to a cleaner energy and circular economy future.

### Related SDGs



## Social

### Commitment

We will enrich communities and cultivate an inclusive culture within an agile organisation offering equal opportunities for all our people to grow professionally within a safe and healthy work environment.

### Related SDGs



## Governance

### Commitment

We will enforce and observe the highest corporate compliance standards in all units and activities of the company.

### Related SDGs



### 1 People-Centricity



### 2 Planet-Centricity



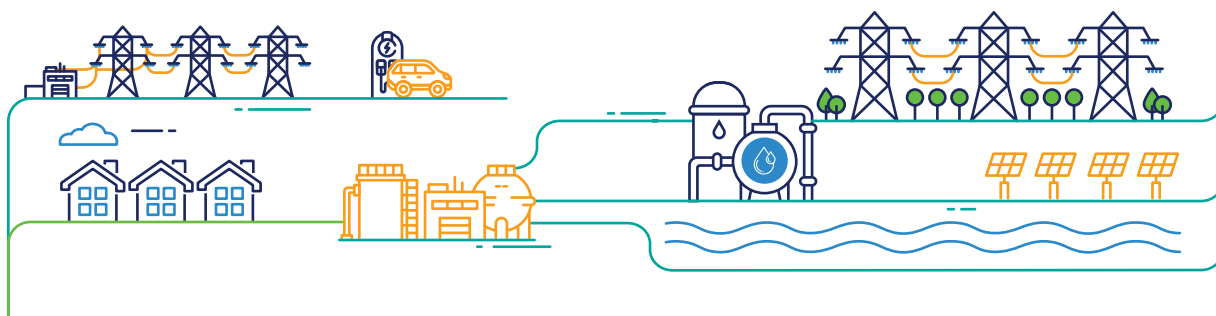
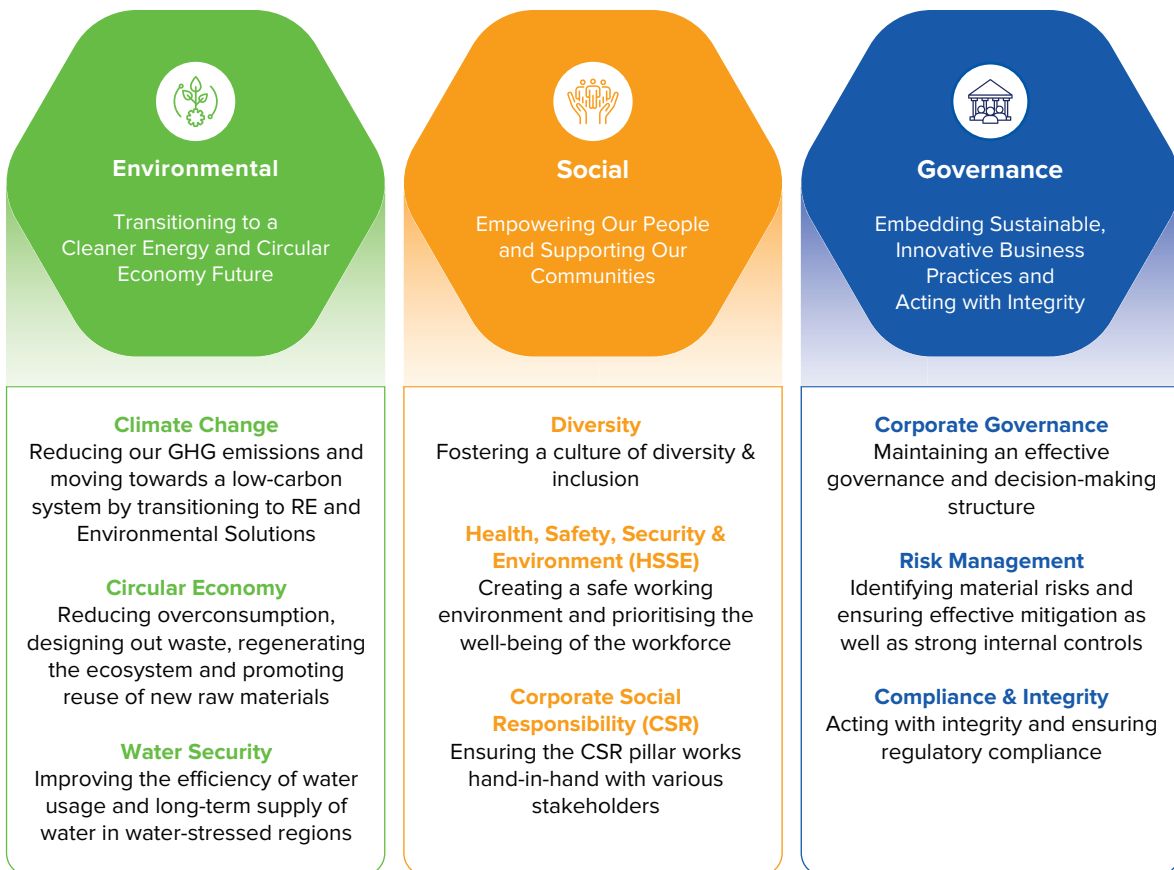
### 3 Prosperity

# Our ESG Strategy

## OUR APPROACH TO SUSTAINABILITY

### Sustainability Framework

Malakoff's Sustainability Framework was first introduced in 2022, as part of the Malakoff 2.0 Strategic Transformation. This further illustrates our dedication towards realising our sustainability goals to achieve lasting environmental and social impact.





# Our ESG Strategy

## Our Biodiversity Conservation Initiatives

- 1 Save Our Sea Campaign – Kenali Penyu, Sayangi Penyu
- 2 Beach Cleanup Activity on International Coastal Cleanup Day
- 3 Mangrove Planting



Save Our Sea Campaign –  
Kenali Penyu, Sayangi Penyu



Beach Cleanup Activity on  
International Coastal Cleanup Day



Mangrove Planting



## Our Community Enrichment Programmes

- 1 Sustainability Hunt
- 2 Waste is Amazing
- 3 Karnival “Saya Sayang Bumi”



Sustainability Hunt



Waste Is Amazing



Karnival Saya Sayang Bumi



# Our Expertise



## Renewable Energy (RE)

Malakoff's commitment to RE is showcased by Malakoff Green Solutions, a key pillar of the Malakoff 2.0 Strategic Transformation. Leading our RE expansion is Malakoff Radiance Sdn Bhd (MRSB). Additionally, Malakoff operates and maintains the 29 MW Kota Tinggi Large Scale Solar (LSS) project, further emphasising our focus on this sector's growth. Our diverse portfolio includes various projects in LSS, Rooftop Solar (RTS) and small hydropower generation initiatives, achieving a current RE capacity of more than 159 MW since our initial venture into RE.



Rooftop Solar



Carbon-Free Mobility Infrastructure



Large Scale Solar (LSS)



Biomass Co-Firing



Small Hydro

# Our Expertise



## Environmental Solutions



Alam Flora Sdn Bhd (Alam Flora) and its subsidiary, Alam Flora Environmental Solutions Sdn Bhd (AFES), are leaders in environmental solutions for commercial and residential clients in Malaysia. Alam Flora holds the concession to collect waste and provide public cleansing services in Kuala Lumpur, Putrajaya and Pahang. Our operational assets include a landfill and an incinerator. We also run leachate treatment plants, two Material Recovery Facilities (MRFs), buy-back centres and an anaerobic digester. We manage around 5,000 tonnes of waste daily across our concession and non-concession areas, including recyclables collected.



Electric Road Sweeper



Anaerobic Digester



Recovery Initiative Sustainable Eco Facility (RISE)



Fasiliti Kitar Semula (FKS)



# Our Expertise



## Water Desalination

Malakoff's International Assets and Investment Development department oversees Malakoff's investments in Independent Water Producers (IWP) and Independent Water and Power Producers (IWPP) in various Middle East regions. With more than 473,000 m<sup>3</sup> of total effective capacity a day, these ventures play a significant role in our portfolio, contributing to our business growth through strategic acquisitions and greenfield development.



**Shualbah Phase 3 IWPP**



**Al-Hidd IWPP**



**Shualbah Phase 3 Expansion IWP**



**Al-Ghubrah IWP**

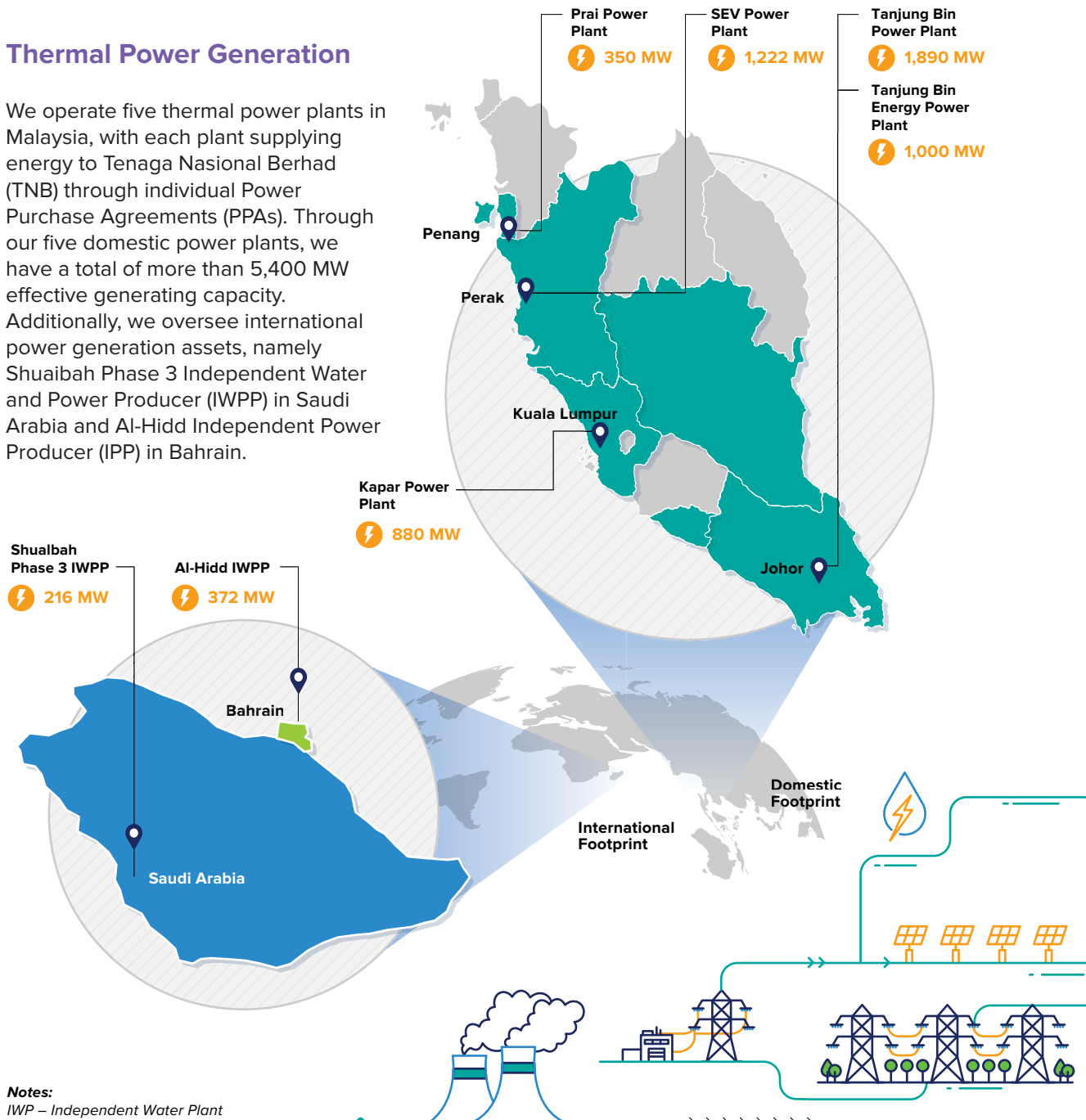


# Our Expertise



## Thermal Power Generation

We operate five thermal power plants in Malaysia, with each plant supplying energy to Tenaga Nasional Berhad (TNB) through individual Power Purchase Agreements (PPAs). Through our five domestic power plants, we have a total of more than 5,400 MW effective generating capacity. Additionally, we oversee international power generation assets, namely Shuaibah Phase 3 Independent Water and Power Producer (IWPP) in Saudi Arabia and Al-Hidd Independent Power Producer (IPP) in Bahrain.



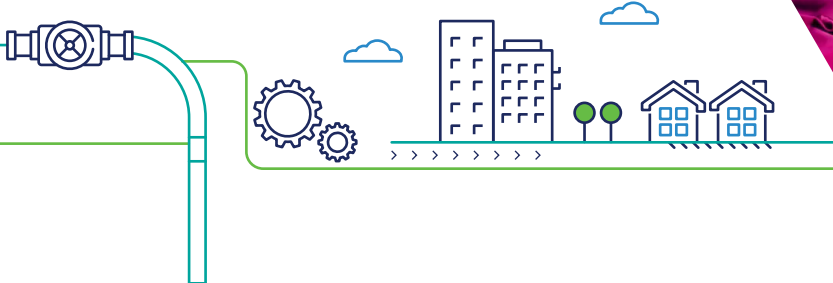
# Our Expertise



## Operation & Maintenance (O&M)



Malakoff Technical Solutions Sdn Bhd (MTSSB), serves as the operations backbone of Malakoff, specialising in delivering comprehensive operation and maintenance services to the power plant industry since 1993. Over the years, we have expanded our client base, comprising subsidiaries within Malakoff and external corporations across diverse industries. With a proven track record since inception, we have solidified our business footprint, operating seamlessly in both local and international markets.



# Our Expertise



## Project Management Services

Malakoff Engineering Sdn Bhd (MESB), offers project management services for in-house projects. With over 24 years of experience and a proven track record in thermal plant development, construction and commissioning, the installation of Large Scale Solar (LSS), Rooftop Solar (RTS) and plant demolition projects, we are now broadening our range of capabilities to encompass Waste-to-Energy (WTE) and Biomass co-firing projects.



# Our Expertise



## Electricity Distribution and District Cooling System



Malakoff Utilities Sdn Bhd (MUSB), a wholly owned Malakoff subsidiary, is a key player in electricity distribution and district cooling infrastructure in Malaysia. We exclusively distribute power in the 72-acre Kuala Lumpur Sentral, with a robust capacity of up to 153 MW. We also own and manage a district cooling plant within KL Sentral, providing chilled water for the air conditioning needs of 10 buildings within the commercial and residential transit hub.





# Awards & Recognitions

1

**INDEPENDENT POWER PRODUCER OF THE YEAR**

by Enlit Asia Awards 2023

2

**COMPANY OF THE YEAR (ENERGY) AND (WASTE MANAGEMENT) FOR SUSTAINABLE LEADERSHIP AWARD**

by Sustainability and CSR Malaysia Awards in 2023 & 2024

3

**GOLD AWARD AT THE INTEGRITY, GOVERNANCE AND ANTI-CORRUPTION AWARDS (AIGA 2023)**

by Malaysian Institute of Integrity (MIM)

4

**ASSIGNED "GOLD" IMPACT ASSESSMENT FOR ITS SUSTAINABLE FINANCE FRAMEWORK IN RELATION TO THE ASEAN SUSTAINABILITY SRI SUKUK MURABAHAH PROGRAMMES**

by MARC Ratings

5

**RENEWABLE ENERGY DEAL OF THE YEAR**

By The Asset Triple A Award 2024 - Sustainable Infrastructure

1



2



3



4



5





# The Part Ahead



# The Way Forward







For more information on, please visit :



[malakoff.com.my](http://malakoff.com.my)

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