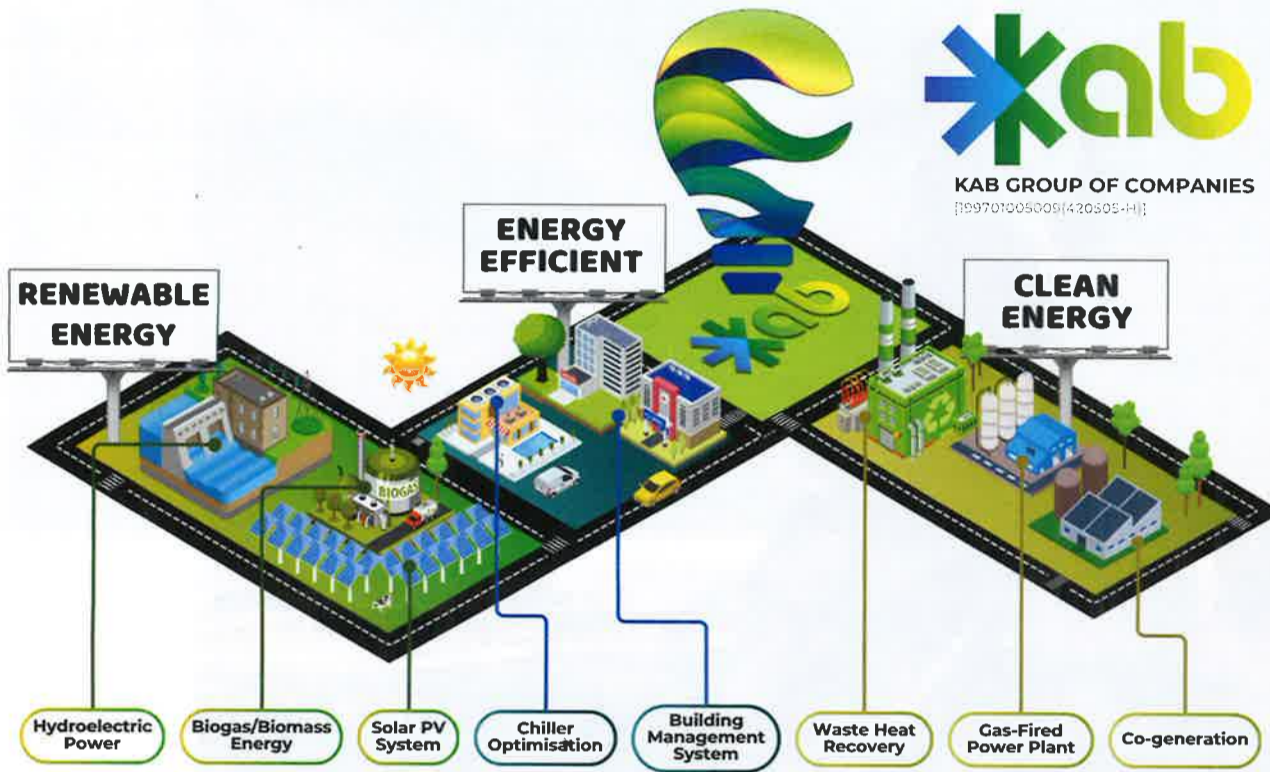


# KAB strengthens waves of growing ENERGY Demand

## Created an Enriched Energy Avenue with Alternative Sustainable Solutions

### THE TRIAD OF SUSTAINABLE POWER

CLEAN • RENEWABLE • ENERGY EFFICIENT



**26** years of experience in the M&E industry since its inception in 1997.

**Kinergy Advancement Berhad (KAB)** is driving the futureproofing of Sustainable Energy Solutions (SES) in line with the Energy Transition Trend.

As Malaysia charts its course through an energy transition, Kinergy Advancement Berhad (KAB) emerges as a significant force driving holistic, SES. Aligned with the nation's aspirations and a sustainable future, KAB prioritises guiding clients in achieving optimal energy targets, enhancing operational efficiency through energy optimisation and fulfilling the goal of reducing carbon emissions.

Spearheaded KAB's SES initiative in 2018, Dato' Lai Keng Onn (KAB Group of Companies' Executive Deputy Chairman cum Group Managing Director) seizes opportunities in growing energy demands and recognises the imperative for diverse, alternative, and sustainable approaches to energy generation. This visionary strategic initiative, alongside KAB's advancing SES roadmap, significantly elevates public confidence as well.

### KAB CHAMPIONING THE ENERGY SPACE

with exceptional track record evidently showcased how their holistic proposition with Sustainable Energy solutions, systems, technologies, and strategies greatly reduces carbon footprints, yields substantial cost savings, curbs greenhouse gas emissions, and fosters a resilient energy future.

**Trusted Vendor and Partner for Sustainability** implementing alternative SES stem from KAB's unique ecosystem, offering multiple solutions that precisely align with each client's sustainable energy objectives. Making them a **trusted ally for ESG-driven entities** such as PETRONAS, Mah Sing Group Berhad, and Alliance Bank Malaysia Berhad, to name a few.

KAB grasps the diverse advantages of these solutions beyond just environmental preservation; it fortifies a resilient and sustainable energy framework while **servicing as a catalyst** stimulating ESG-conscious entities with its holistic sustainable ecosystem.

**2023 A New Identity** Complemented with a Diversified Portfolio **KINERGY**

embodies the synergy of "kinetic" and "energy," signifying the Group's momentum in driving positive change towards its goals.

#### ADVANCEMENT

reflects its dedication to continuous progress and improvement.

The rebranding symbolises its regional expansion and steadfast commitment to SES growth.

KAB's strategic shift and objectives extend beyond addressing clients' concerns; it also promotes ESG awareness within the ecosystem in line with the national energy transformation.

KAB's solutions guarantee immediate benefits such as cost reduction and effective investments while challenging the misconception that sustainability initiatives are financially burdensome. This comprehensive approach creates a mutually beneficial scenario for businesses, serving as guiding lights for industry players to achieve energy efficiency and manage sustainability goals with minimal disruptions and uncertainties.

Driven by a dedication to Clean Energy, Renewable Energy, and Energy Efficiency, KAB's innovative initiatives have resulted in over 30 successful energy savings and carbon mitigation projects, firmly establishing the company as a leading One-Stop Energy & Engineering Solutions Provider aligned with Malaysia's sustainability goals and evolving business needs.

### Navigate Strategic Change by Clearing The Path For Sustainable Energy

Despite Malaysia demonstrating a clear commitment to achieving notable advancements in SES, emphasising its ongoing dedication to sustainability and environmental stewardship, obstacles hinder the broad acceptance of sustainable energy. Challenges revolving around infrastructure expansion, energy storage solutions, intermittent problems with specific renewable sources, and policy frameworks necessitate further attention and investment. Overcoming these hurdles demands collaborative efforts among governments, industries, and communities to create an enabling environment for a sustainable energy transition.

## Energy (CE) Generation Clean

COGENERATION | WASTE HEAT RECOVERY | TRIGENERATION | GAS-FIRED POWER PLANT |

CE, representing eco-friendly power sources, aims to significantly reduce greenhouse gas emissions and ecological harm. This diverse realm includes **Cogeneration (Cogen)**, **Trigeneration (Trigen)**, **Waste Heat Recovery (WHR)**, and **Gas-fired Power Plants**. These innovations meet Malaysia's rising energy needs while directly addressing climate change. Tangible proof of these systems' effectiveness is evident in compelling case studies. For instance, KAB's implementation of CE solutions for multinational corporation clients like PETRONAS Gas Berhad (ZLNG's Power Plant) and Safran Group (Landing Systems Plant) for the Malaysia market.

## Efficient (EE) Solutions Energy

CHILLER OPTIMISATION | BUILDING MANAGEMENT SYSTEMS |

Energy efficiency gains momentum through measures targeting optimised energy use, utilising innovative technologies like **Chiller Optimisation** and **Building Management Systems**. These solutions effectively advise minimising electricity waste, managing unnecessary electricity consumption and achieving a significant reduction in greenhouse gas emissions.

As a holistic energy and engineering solutions provider, KAB leverages its extensive technical expertise and capabilities to initiate or advance clients' energy savings portfolios.

## Energy (RE) Generation Renewable

SOLAR PV SYSTEM | HYDROELECTRIC POWER | WASTE-TO-ENERGY (BIOGAS & BIOMASS)

The subset of CE known as RE, derived from naturally replenished sources like sunlight, wind, water, biomass, and geothermal heat, constitutes a pivotal facet of clean energy. This encompasses **Solar Photovoltaic (PV) Systems**, **Hydroelectric Power**, and **Waste-to-Energy (Biogas and Biomass)** technologies.

In a March 2023 article by The Edge Markets, Nik Nazmi Nik Ahmad, Malaysia's Minister of Natural Resources, Environmental, and Climate Change, highlighted Malaysia's current renewable energy (RE) capacity at 25%, with an aim to reach a 31% share of the national installed capacity mix by 2025.

KAB has impressively showcased its ability to produce over 30MW of energy across 12 solar projects in Malaysia and Thailand. Additionally, they own and operate a hydropower plant in Indonesia and a biogas plant in Kedah, Malaysia. The recent Bionergy partnership with a global one-stop agriculture solutions provider, also a top-tier Malaysian fertiliser company aims to reshape the framework of the Palm Oil Mills for guaranteed long-term and sustainable performances.

**2023**  
1 of 109 Constituents of FTSE4Good Bursa Malaysia  
88 Constituents of FTSE4Good Bursa Malaysia Shariah

**2021 & 2022**  
3 Stars ESG Ratings

Listed on the Main Market of Bursa Securities