



clean & green for the future



who we



KAS Green Energy is one of the Indonesia's leading renewable energy project integrators and developers.

In the quarter of a century since KAS Green Energy was formed, we have played a central role in the development of the renewable energy market and we have helped to move the sustainable energy debate from the margin to the mainstream.

It takes outstanding skills to deliver outstanding projects. KAS Green Energy has a commitment to develop more than 100MW in the future.

Innovation. Reliability. Expertise. This is what we build the business on and that's what makes us a leader in the sector.

The renewable energy revolution offers huge environmental and economic benefits, and our technical expertise and unrivalled experience is already playing a leading role.

The twin challenges of climate change and energy security are now undeniable. We aim to tackle them both by developing, constructing and operating renewable energy projects of outstanding quality and value.



what
we do

Our Goals



With our technology partners that has given, us industry leading skills and expertise, we are pioneering in accelerating the development of renewable energy projects in Indonesia.

Currently we are focusing to develop wind and sunlight as the main source for our renewable energy projects

We can deliver its RE sources individually or hybrid system to the Customers. The solution could be off-grid or on grid. This solution can be applied for street light, residential, commercial and utilities scales.



Our Resources



KAS Green Energy offers a unique set of professional and specialist expertise in a whole range of sustainable energy technologies and practices. From choosing locations to specifying the most appropriate on-site technology and low-carbon building techniques; from project design and development, through planning and financing, engineering and construction to operation, we ensure schemes are designed and built to generate energy in the most economic way and with minimal environmental impact.

We are unique in our ability to deliver all the main forms of renewable energy technology. In short, whatever the optimal solution we will identify and develop it.

Our Services



We provide a large range of technical and project development services including :

- Irradiance studies
- Site identification and selection
- Feasibility studies
- Technical solution (i.e. Ground mounting, Rooftop, Floating system, pontoons, structure, anchors & PV Panel)
- EPC
- Operation and Maintenance
- IPP

Renewable Energy (RE)

What is Renewable Energy

is energy which comes from natural resources such as sunlight, wind, rain, tides, geothermal, which are renewable (naturally replenished) differ to Fossil Energy in which non renewable.

Type of Energy from Renewable Energy

Sun, Wind, Biomass, Geothermal, Tidal, Ocean, Biofuel, Hydropower, Hydrogen which all derived from Natural Resources.



RE Electricity for Community

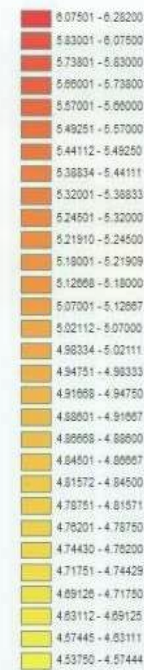
Benefits :

- Reduce the usage of conventional electricity generated from fossil Power Plant without interrupting operation
- Optimizing potential RE around operation area (solar, wind, hybrid, etc)
- Minimizing the capital expenditure (CAPEX)
- Go Green company by reducing CO2 Emission
- Possibility to be a CDM project



Indonesia Solar Irradiation Intensity

Legende
Intensitas Radiasi Matahari (kWh/m²/hari)



Intensitas Radiasi Matahari Indonesia
(kWh/m²/hari)

Source: <http://www.p3tkebt.esdm.go.id>

Demo Project



PLTS APUNG - Museum Listrik TMII 5.2 kWp



PLTS GROUND MOUNTED - Koperasi Keranggan 10 kWp



PLTS ROOFTOP - Universitas Halu Oleo 5 kWp



PLTS ROOFTOP - Yogyakarta 5 kWp

Our Experience

KEMENTRIAN ESDM – SetJen KESDM 120 kWp

PLTS ROOFTOP - SetJen KESDM



Our Experience



PLTS ROOFTOP – Medan 7 kWp



PLTS ROOFTOP – Tomang 8.82 kWp



PLTS ROOFTOP – Jl. Bangka 6 kWp



PLTS ROOFTOP - Rumah Energi MLEB TMII 4.16 kWp

Our Experience



PLTS CARPORT - Rumah Dinas Dirjen EBTKE 10.08 kWp



PLTS ROOFTOP – Cileungsi Hijau 2.48 kWp



PLTS ROOFTOP – Yogyakarta 4.55 kWp



PLTS ROOFTOP – Rumah Dinas SetJen KESDM 10.72 kWp

Our Experience



PLTS ROOFTOP – PTSA KESDM 10.5 kWp



PLTS ROOFTOP –Prapanca 15.4 kWp

Our Experience

PLTS Rooftop - Rumah Dinas DEN 6 kWp



PLTS Rooftop – Shelter PJB 3 kWp



Our Experience



PLTS Rooftop - Rumah Dinas Eselon I 20 kWp



PLTS Rooftop - Rumah Dinas Staf Ahli Menteri I KESDM 5 kWp



Our Experience

PLTS ROOFTOP – Kantor Pusat PP Muhamadiyah 30 kWp



PLTS Rooftop - Rumah Dinas Staf Ahli Menteri II KESDM 5 kWp

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