



Putting Clean Energy Into Action

Gentari is a clean energy solutions entity wholly owned by PETRONAS tasked to independently pursue and deliver integrated sustainable energy solutions, and to capture opportunities in the energy transition.

Gentari offers lower carbon solutions through three initial core pillars – **Renewable Energy, Hydrogen** and **Green Mobility**, forming a portfolio of solutions cutting across the electron value chain to help customers achieve net zero emissions. In the long term, Gentari aims to be a full suite net zero solutions provider, creating greater value, connecting businesses, and making the journey to net zero possible.

Following its introduction in June 2022 and official launch by the Prime Minister of Malaysia in September 2022, Gentari has continued to make positive strides in all three of its business verticals.

2030 Goals

Renewable Energy



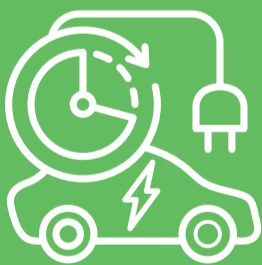
30 - 40 GW

Hydrogen



Up to 1.2 MTPA of clean hydrogen

Green Mobility



10% market share (circa 25,000 charge points) across key markets in Asia Pacific

2022 Key Achievements



1.12 GW
global renewable energy capacity

56.5 MW

Major Open Access project in India



Energybox Award
Solar Project of the Year
7.4 MW
Malaysia's largest single rooftop solar installation in Universiti Teknologi PETRONAS

40 MW

Malaysia's largest self-consumption ground mounted solar installation in Pengerang Integrated Complex



13 MoUs to Advance Hydrogen

Peninsular Malaysia hydrogen feasibility studies with **Tenaga Nasional Berhad (TNB)**

Pre-feasibility studies for two green ammonia projects in **India**



Explore hydrogen supply chain opportunities with **Samsung C&T and SK Group**

1st ammonia-coal co-firing experiment in Malaysia with **IHI Corporation and TNB Research**

India

Vehicle-as-a-Service (VaaS)

- 382 three-wheelers
- 161 charge points
- 2 million clean KM = 166.8 tonnes of CO₂ emissions reduction



Malaysia

151 charge points

Suria KLCC

Southeast Asia's biggest EV charging hub

1st

- Public 350kW super charger in Southeast Asia (X Park Sunway Serene)
- Equitable kWh pricing mechanism for EV charging
- EV charger with Digital-Out-Of-Home advertising in Southeast Asia

Ongoing partnerships to strengthen Malaysia's EV ecosystem

