

# Gentari's 2023: A Year of Partnerships and Collaborations

## Putting Clean Energy Into Action

At Gentari, we're on a mission to put clean energy into action and help to decarbonise the world. Our commitment to accelerating the journey to net zero encompasses our beliefs and ambitions, and the path to a cleaner world.

With a vision to be Asia Pacific's most valued clean energy solutions partner by 2030, Gentari has a unique opportunity to demonstrate our expertise and commitment to driving the energy transition in the region and beyond. Our understanding of the region's unique challenges, combined with our ongoing efforts across various key markets, positions us as a reliable partner to grow the use of clean energy solutions towards a sustainable Asia.

Gentari's three business verticals – **Renewable Energy**, **Hydrogen** and **Green Mobility**, form a portfolio of solutions cutting across the electron value chain to help customers achieve net zero emissions.



### Our 2030 Ambitions | 2023 Key Achievements

**Renewable Energy**

30 - 40 GW installed capacity

- > 2.4 GW global Renewable Energy capacity** (in operations and under development)
- 60 rooftop solar installed at **PDB Stations**
- Collaborated with **PETRONAS, Amazon** and **Amazon Web Services (AWS)** to intensify sustainability and decarbonisation initiatives in the accelerated global energy transition

- Acquired and rebranded WIRSOL Energy to **Gentari Solar Australia**, adding 422 MW of gross capacity to Gentari's overall renewables portfolio
- Entered the offshore wind segment via the Hai Long offshore wind project through a strategic partnership with **Northland**
- Achieved FID of more than 300 MW under **Amplus**

- Investment for a 49 per cent equity stake in **ReNew's** 403 MW Peak Power project
- Explore development of 5 GW in renewable assets including solar, wind and energy storage with **ReNew**
- Received conditional approval for a new cross-border renewable energy project from Singapore's Energy Market Authority (EMA) via **Vanda RE**

**Hydrogen**

Up to 1.2 MTPA of clean hydrogen

- Progressing Partnerships towards Actual Assets**  
Received approval from Japan's METI on NEDO funding in joint-venture with Asahi Kasei and JGC for production of green hydrogen with 60 MW alkaline water electrolyser
- Commenced Joint Feasibility Study Agreement to advance studies for hydrogen business development with **Tenaga Nasional Berhad**
- Develop low-carbon hydrogen in Sarawak's green mobility supply chain with **SEDC Energy**
- Entered into strategic partnership to drive large-scale green hydrogen production with **AM Green** in India for export to key markets
- Commenced feasibility study with **City Energy** to supply hydrogen to Singapore via pipeline

- Collaborate with **IHI Corporation** on piloting a 100% ammonia-powered gas turbine
- Accelerate the expansion of renewable energy and the supply of low-carbon hydrogen in Southeast Asia with **Sembcorp Energy**

**Green Mobility**

Over 10% market share of public charging points and Vehicle-as-a-Service in Asia Pacific

- > 570 total charging points globally** (public and private)
- > 2,500 total EVs deployed under Vehicle-as-a-Service**
- Awarded Most Promising Charging Point Operator by COTY 2023
- Malaysia's first modular and portable EV fast charging station in collaboration with **EV Connection** with battery energy storage system (BESS) at **PLUS Highway**
- Promote sustainable transportation in the Malaysian healthcare sector with **KPJ Healthcare**
- Explore green mobility infrastructure collaborations in Southeast Asia with **Evolt**

- Activation of a roaming network with **EV Connection** and **Yinson GreenTech** to enable cross platform access EV charging on **Setel, JomCharge** and **chargEV**
- Support the decarbonisation of India's transportation sector with **MoEVing** and **Gati**
- Strategic collaboration to support the commitment of **Amazon** to deploy 10,000 EVs in its India fleet by 2025