

Our Energy Transition Story

As a leading energy player and established provider of industrial and urban solutions in Asia, Sembcorp plays an active role in supporting the region’s transition towards a low-carbon future. We are committed to building resilient businesses that create long-term value for our stakeholders while supporting Asia’s evolving energy needs.

Global energy portfolio at
28.5GW

We have built a strong track record across 11 countries, with growth through competitive greenfield tenders, as well as disciplined, returns-driven brownfield acquisitions.

20.4GW
Renewable energy

We have expanded our renewables capacity by more than six-fold in just five years, growing from 3.2GW to 20.4GW through greenfield developments, strategic acquisitions and partnerships.

Our sustainable integrated parks span over 16,200 hectares across Asia, and have attracted US\$64 billion in foreign direct investments, creating thriving industrial ecosystems.

Our industrial property portfolio grew to over 1 million square metres gross floor area, comprising ready-built facilities designed to green building standards for improved energy and water efficiency.

>15,000
training hours
across 108 partner companies

Strengthening Energy Security

We operate a diversified 28.5GW global energy portfolio, including gas-fired assets across Asia, the Middle East and the UK. These assets deliver reliable power, while enhancing grid resilience and supporting national energy security.

Supporting Energy Accessibility

Our balanced portfolio with a well-managed cost base and high reliability enables us to deliver essential energy to communities and industries.

Our gas portfolio provides stable, highly visible cash flow underpinned by offtake contracts, which supports our earnings base and funds our energy transition initiatives, such as renewables, low-carbon solutions and sustainable industrial parks.

8.1GW
Gas and others*

Enabling Energy Sustainability

To date, we have invested over S\$5 billion in renewable energy projects globally, building a proven track record in delivering large-scale, complex transition investments.

We are also advancing low-carbon technologies, exploring green hydrogen and ammonia projects, including the 600MW hydrogen-ready combined cycle power plant on Jurong Island, set for operation by the fourth quarter of 2026.

In parallel, we enable cross-border decarbonisation through 2.2GW of low-carbon electricity imports from Vietnam and Malaysia.

Building Sustainable Communities and Industrial Ecosystems

With a gross treatment capacity of 8 million cubic metres of water and wastewater each day, our customised water solutions enable businesses to achieve their sustainability goals.

Attracted
US\$64 billion
in foreign direct investments

Empowering an Inclusive Transition

Since 2018, Sembcorp Solar Singapore has delivered over 15,000 training hours on solar-related capabilities and technologies across 108 partner companies, including contractors, government agencies and Institutes of Higher Learning. In 2024, we were appointed Singapore’s first SkillsFuture Queen Bee for the Energy and Power sector, underscoring our commitment to advancing industry capabilities.

Through the S\$25 million Sembcorp Energy for Good Fund, we drive decarbonisation in the charity sector. Since 2022, our solarisation projects have powered over 110 community sites, generating over 930,000kWh of clean energy and avoiding 654,000kgCO₂e of greenhouse gas emissions, comparable to the annual electricity consumption of over 350¹ four-room Housing & Development Board flats in Singapore.



* Others include diesel and energy-from-waste

¹ Conversion is based on the 2024 Grid Emission Factor published by the Energy Market Authority of Singapore and the 2024 average electricity consumption rates for households published by the Ministry of Sustainability and the Environment, Singapore