

## **Sustainable Jurong Island: EDB outlines plans to transform Jurong Island into a sustainability showcase for Energy and Chemicals**

1. The Singapore Economic Development Board (EDB) today released the “Sustainable Jurong Island” report, detailing the Government’s plans to transform Jurong Island into a Sustainable Energy and Chemicals Park that operates sustainably and exports sustainable products globally. This was announced by Minister for Trade and Industry Gan Kim Yong at the groundbreaking of the pyrolysis oil upgrader unit at Shell Energy and Chemicals Park Singapore. The announcement builds on the sustainability ambitions for Jurong Island that were first announced in the Green Economy pillar of the Singapore Green Plan 2030.
2. The report outlines Singapore’s aspirations for the Energy & Chemicals (E&C) sector to increase its output of sustainable products by four times from 2019 levels and achieve more than six million tonnes of carbon abatement per annum from low-carbon solutions by 2050.
3. In order to reach the long-term goals, EDB will set out to achieve the following key targets for the E&C sector by 2030:
  - a. Increase the output of sustainable products by 1.5 times from 2019 levels;
  - b. Ensure that the refineries and crackers in Singapore are in the top quartile of the world in terms of energy efficiency; and
  - c. Realise at least two million tonnes of carbon capture potential.
4. Today, Singapore is one of the world’s leading E&C hubs. The sector contributes about 20% of Singapore’s total output and employs 27,000 people. Against the backdrop of the global shift towards energy transition, the plan seeks to keep Jurong Island relevant, as the E&C sector transforms. As E&C companies have deep capabilities in areas such as carbon dioxide management and process engineering, they can play a key role in both developing and deploying low-carbon solutions.
5. “The global energy transition presents an opportunity for companies on Jurong Island to transform and innovate as they navigate towards a low carbon future. We look forward to working with the Energy and Chemicals industry to develop sustainable solutions for Singapore and beyond.” said Dr Beh Swan Gin, Chairman, EDB.
6. To support the industry in its efforts to transform Jurong Island and achieve the targets above, the Government is putting in place several infrastructure and support measures:
  - a. The Agency for Science, Technology and Research (A\*STAR), EDB and JTC are working together to study the potential of a Carbon Capture and Utilisation (CCU) test-bedding facility on Jurong Island - the CCU Translational Testbed. This facility will leverage the latest test bedding technologies, such as modularisation and

digitalisation, to accelerate the development and scaling-up of CCU technologies in Singapore.

- b. EDB will continue to facilitate and support companies to adopt decarbonisation and sustainability solutions in Singapore. The Resource Efficiency Grant for Energy (REG(E)) and the Investment Allowance for Emissions Reduction (IA(ER)) schemes were recently enhanced to include support for additional forms of emissions reduction activities such as carbon capture, utilisation and storage, in addition to energy efficiency improvements and the reduction of non-CO<sub>2</sub> greenhouse gases.
7. The Sustainable Jurong Island report was developed by EDB with support from JTC, A\*STAR, the Energy Market Authority (EMA) and the National Environment Agency (NEA). The full report can be found on [EDB's website](#).

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### About the Singapore Economic Development Board

The Singapore Economic Development Board (EDB), a government agency under the Ministry of Trade and Industry, is responsible for strategies that enhance Singapore's position as a global centre for business, innovation, and talent. We undertake investment promotion and industry development, and work with international businesses, both foreign and local, by providing information, connection to partners and access to government incentives for their investments. Our mission is to create sustainable economic growth, with vibrant business and good job opportunities for Singapore and Singaporeans.

For more information on EDB, please visit [www.edb.gov.sg](http://www.edb.gov.sg).

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