

Brunei Chemical Energy Storage Project





Overview

Borneo, the third-largest island in the world, is divided among three countries – Brunei, Indonesia, and Malaysia. In 2020, Borneo emitted 102.5 Mtpa CO₂ with 30.8 Mtpa and 40.2 Mtpa, respectively, coming fr.

Who owns Brunei refinery & petrochemical facility?

The world-class refinery and petrochemical facility is being developed in two phases by Hengyi Industries. Hengyi Industries is a joint-venture between China's Zhejiang Hengyi Group (70%) and Damai Holdings (30%), a wholly-owned subsidiary of the Brunei Government's Strategic Development Capital Fund.

Could Brunei Darussalam and Singapore be part of a carbon storage hub?

on transport and storage options for Brunei Darussalam and Singapore. This could potentially m part of a carbon capture and storage (CCS) hub in Southeast Asia. Under the MoU, both parties will evaluate the technical and commercial feasibility of carbon storage optio.

Does Brunei Darussalam have a low-carbon energy transition?

In the Energy Outlook and Energy-Saving Potential in East Asia 2023, Brunei Darussalam includes carbon capture and storage (CCS) technologies under its low-carbon energy transition-carbon neutral (LCET-CN) scenario in addition to an increased share of solar in the power mix by 2050.

How much CCS capacity will Brunei have by 2035?

st 25 million tonnes a year of CCS capacity by 2035. Notes to editors The Government of Brunei Darussalam and Shell group h own a 50% stake in Brunei Shell Petroleum Company Sdn Bhd (BSP). CCS involves the integration of proven techn.

How much energy is consumed in Brunei Darussalam?

Final Energy Consumption (historical trend: 2019, 2030, 2040, 2050) Under the LCET-CN scenario, the total final energy consumption (TFEC) for Brunei



Darussalam is expected to reach 3 million tonnes of oil equivalent (Mtoe) in 2050, increasing at an average rate of 1.7% per year over 2019–2050 (Figure 2.1).

What is Hengyi industries doing in Brunei?

Hengyi Industries started the supply of transportation fuels including petrol, diesel, and jet fuel to the domestic market in Brunei in May 2020. Hengyi Industries is expected to invest approximately £10.6bn (\$13.654bn) in the Hengyi PMB refinery and petrochemical project phase two of the project.



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