

Development of CO2 Crossborder Transport for Malaysia CCS Hub

08.02.2024

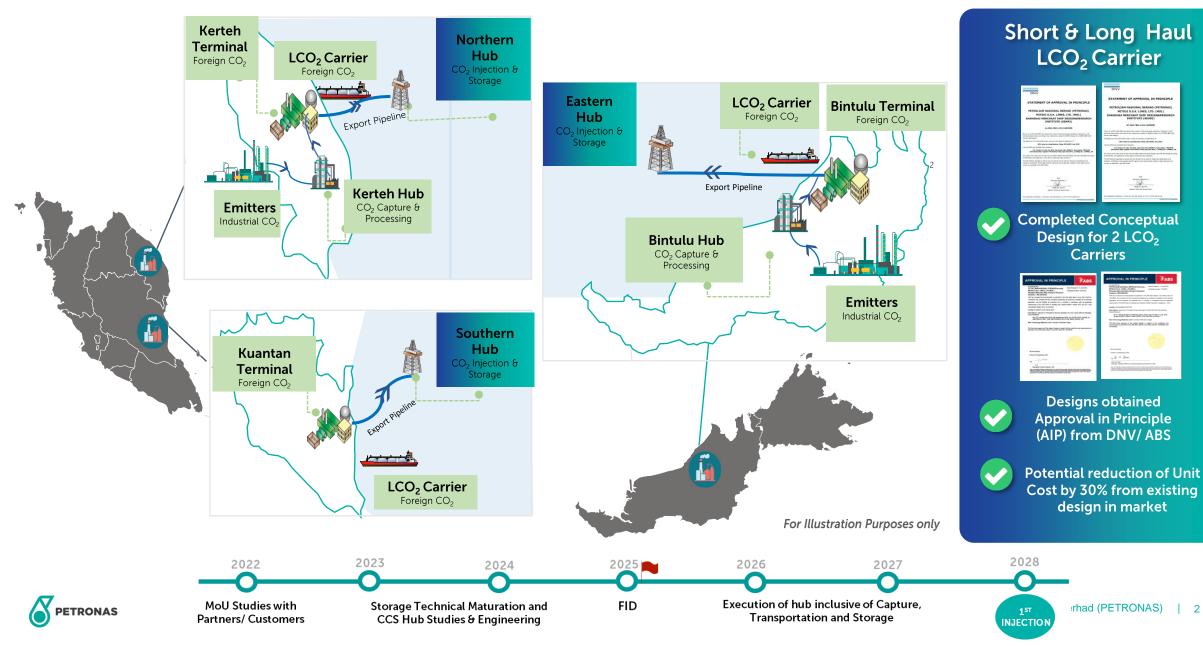
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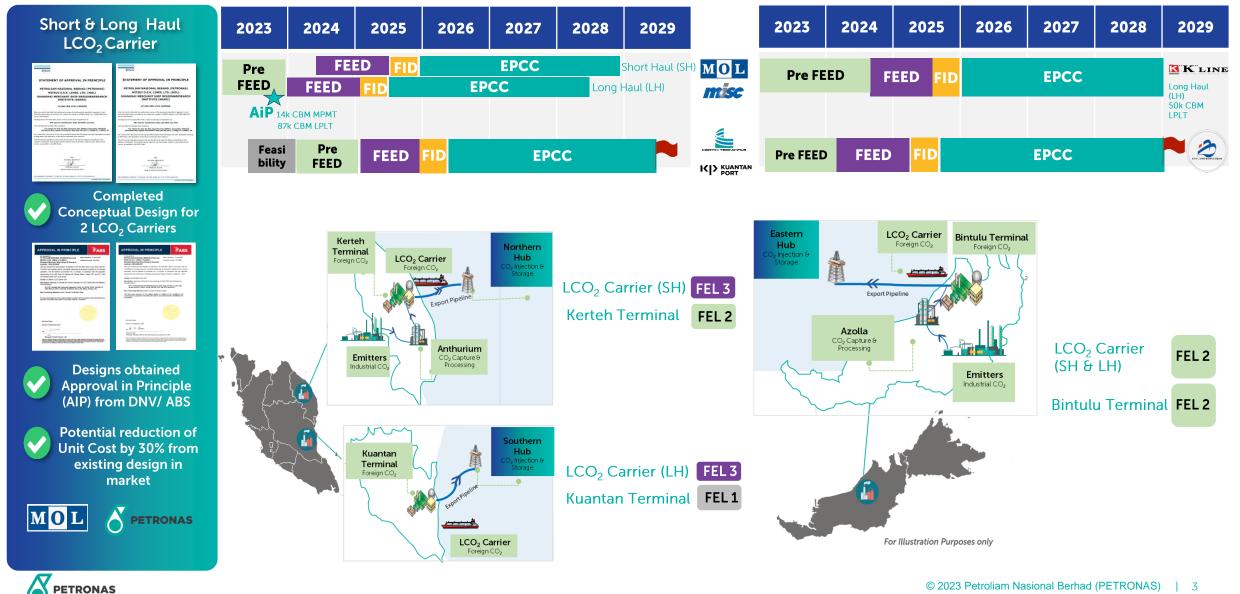
PETRONAS progressing rapidly to mature CCS Hub development for Malaysia towards PETRONAS Sustainability Agenda & Regional Decarbonization effort



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LCO₂ Carrier 📇 & Terminal 🚻 Schedule

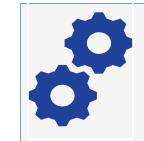


Clarity on the following elements are critical to enable the CO2 crossborder transport for CCS purposes









Fit for Purpose Design Standardization Competitiveness



Carbon liability boundary agreement between value chain



Safety & Risk Management

Cross Border CO₂ Transportation

Malaysia's non-ratification to the London Protocol is not an obstacle to CO_2 cross border transport. Bilateral arrangement between Malaysia and the identified exporting countries provide the avenue to allow CO_2 to be transported at sea and across borders.

As sovereign States, countries may enter into contractual arrangements among themselves to allow cross border transportation of CO₂ and to conduct themselves in line with the London Protocol (if the country is not an existing Party to the LP).



The Provisional Application

addresses the cross-border transportation of CO₂, allowing it to be transported and stored between countries that are Contracting Parties, and **Contracting Parties and Non**contracting Parties. Establishment of bilateral arrangement for cross border CO₂ transportation from identified countries in the region (i.e., Japan, South Korea, Singapore and Taiwan) for permanent storage in Malaysia.

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Study on B2B Elements



MoC between Petronas – Japan (METI & JOGMEC)





