

Regional CCS Hub Development in Malaysia

Towards hard to abate industries decarbonization

15 August 2024

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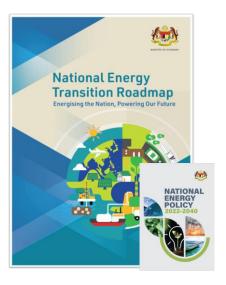
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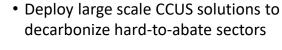
CCS has been identified as one of the pillar that will propel Malaysia to realize its aspirations in the NETR and support the NIMP targets

National Energy Transition Roadmap (NETR)



- CCUS is 1 of the 10 flagship catalyst projects in the NETR roadmap.
- By 2030:
 - 3 CCUS hubs (2 in Peninsular Malaysia, 1 in Sarawak)
- By 2050:
 - 3 carbon capture hubs
 - Storage capacity between 40 to 80 MTPA
- The NETR is build upon the National Energy Policy (NEP) 2022-2040

New Industrial Master Plan 2030



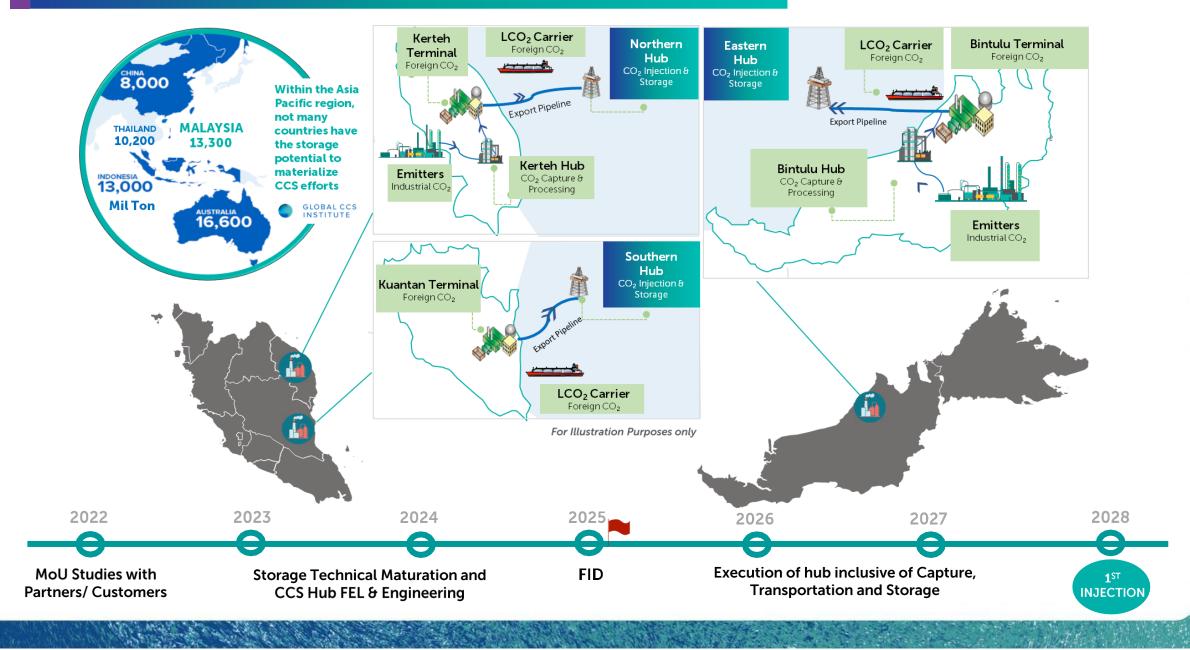


- Capture CO₂ from industrial processes
- Transport by ship, pipeline and land transport
- o CO₂ storage in depleted oil fields
- Utilization of captured CO₂ and aligned with circular economy principles
- CCUS framework and regulations is key to execute Mission Based Project (MBP) 3.3 in pushing for net zero





Development of 3 regional CCS Hub in Malaysia



Collaboration Between PETRONAS & Power Company for CCS

