

What is Sinopec Qilu & Shengli oilfield project?

The megaton-scale Project launched by Sinopec consists of two parts - Sinopec Qilu's carbon dioxide capture and Shengli Oilfield's carbon dioxide displacement and storage.

How does Sinopec capture CO₂?

In 2010, Sinopec launched a project to capture CO₂ in the Shengli Power Plant, with CO₂ capture capacity of 30,000 t/a, where the feed gas contains 14% CO₂ that is captured by MSA solvents. Sinopec has continuously intensified the R&D and promotion of carbon capture technologies since 2013.

What is Sinopec Qilu?

Sinopec Qilu captures the carbon dioxide and transports it to the Shengli Oilfield for further displacement and storage, achieving an integrated application of carbon capture, displacement and storage to seal the carbon dioxide underground. To learn more about the project, please visit [here](#).

Is Sinopec a green company?

In August 2011, Sinopec officially integrated green and low-carbon development into its corporate strategy. In 2013, it launched the Clean Water and Blue Sky Initiative and invested RMB 20.92 billion in the environment-friendly treatment of existing production facilities.

What is Sinopec Qilu-Shengli Oilfield CCUS project?

Sinopec initiated China's first megaton carbon capture, utilization and storage (CCUS) project - the Sinopec Qilu-Shengli Oilfield CCUS project. The Project, expected to be put into production by the end of 2021, marks a key milestone in the construction progress of China's CCUS projects and is a huge demonstration of the industry's development.

Does Sinopec use solid waste phosphogypsum to mineralize CO₂?

Furthermore, Sinopec has proposed to use solid waste phosphogypsum to mineralize CO₂, established a one-step process for CO₂ mineralization in tail gas using phosphogypsum, and developed a series of relevant technologies. 3. Suggestions for CCUS industrialization in Sinopec

China Petroleum & Chemical Corporation (hereinafter referred to as "Sinopec Corp.") is a listed company on domestic and international stock exchanges with integrated upstream, midstream ...

Explore Sinopec's ambitious green transformation: investing in batteries, hydrogen, and partnerships for a sustainable energy future. Learn about their key initiatives.

Sinopec, Concord Energy to construct oil storage facility in UAE 17 May 2012 (MENAFN) China's oil giant Sinopec and Singapore-based Concord Energy will join hands in ...

Sinopec has assumed the responsibility of leading industry development, focusing on building an industrial framework centered on energy resources, supported by clean oil products and ...

BOI Signed with Sinopec to Operate and Set up fuel Stations for distribution in Sri Lanka Sinopec Energy Lanka (Pvt) Ltd and the Board of Investment of Sri Lanka (BOI) ...

Guaranteeing diversified energy security with cleaner energy We will thoroughly advance the energy revolution. Greater efforts will be made to explore and develop petroleum and natural ...

Imagine a world where gas stations double as solar farms, hydrogen fuels power grids, and oil giants morph into clean energy pioneers. That's exactly what Sinopec, China's ...

SHANGHAI: China's Shanghai International Energy Exchange (INE) said in a statement on Thursday it increased the storage capacity at two of energy giant Sinopec 's ...

The China Energy Outlook 2060 (2025 Edition) predicts China's primary energy use will plateau after 2030, peaking at 6.8-7.1 billion tonnes of standard coal. Oil demand will peak before ...

The Company has launched large-scale projects encompassing renewable energy generation, hydrogen production, storage, and utilization, aimed at promoting large-scale green ...

SINOPEC Pipeline Storage & Transportation Company ("SINOPEC PSTC" for short), the specialized pipeline company engaged in the transportation and storage of crude oil and ...

We will do more to ensure energy and resource security by stepping up the exploration and development of oil, natural gas, and strategic mineral resources. We will advance the energy ...

This paper describes the world's largest carbon capture and storage project applied to a fluid catalytic cracking (FCC) process at a Sinopec oil refinery in He'Nan Province, ...

Sinopec 4506 Synthetic Compressor Oil is suitable for use in: Small, medium or large, single- or multi-stage reciprocating or rotary air compressors (especially rotary screw and ... Sinopec ...

The R& D and demonstration of CCUS in China Petroleum & Chemical Corporation (Sinopec) are summarized, including carbon capture, carbon transport, CO₂ ...

On December 28, 2020, Sinopec held a virtual conference in Beijing. Mr. Zhang Yuzhuo, chairman of Sinopec, cast vision that Sinopec should implement new development ...

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