

Microsoft has launched a pilot direct air capture system powered by waste heat from its data centers, creating a more efficient way to remove carbon while addressing the CO₂ footprint of ...

GlobalData's Strategic Intelligence report, "Carbon Capture and Storage," reveals that over 50 commercial-scale carbon capture projects were active within the global energy sector alone as ...

Carbon capture and sequestration: The bill modifies the 45Q tax credit for carbon management to put projects that use captured carbon dioxide to increase oil production at parity with geologic ...

BlackRock, the world's largest asset manager, recently made headlines by using its Global Infrastructure Partners (GIP) division to strike a deal with Italy's energy giant Eni. Through this ...

Gevo, Inc. (NASDAQ: GEVO) enters the carbon removal market with its first sale of Puro.earth-certified CORCs. Backed by CCS at its North Dakota facility, it delivers real CO₂ abatement while scaling clean fuel and sustainability efforts.

On Friday, the federal government announced \$21.5 million for a handful of carbon capture projects in Alberta, and while the amount isn't going to move the needle, Energy and Natural ...

Indeed, a more critical and polycentric approach to the low-carbon energy transition highlights that social acceptance is not merely about persuading communities to support energy projects but ...

"As demand for low-carbon energy solutions continues to grow, we are pleased to expand our existing business relationship with one of the largest midstream providers in the United States."

The China Energy Investment Corporation (China Energy) on Friday put into use a mega carbon capture, utilization and storage (CCUS) facility in one of its subsidiary coal-fired ...

Understanding Carbon Dioxide Capture and Storage (CCS) Carbon Dioxide Capture and Storage (CCS) has emerged as a crucial technology in the global fight against climate change. It ...

The Global CCS Institute explores the rapid growth of carbon capture and storage (CCS) worldwide, highlighting rising project numbers, regional innovation, and global collaboration as ...

Carbon capture is one of the most promising cleantech solutions for the fight against climate change. Companies like Heirloom are revolutionizing this sector with technologies capable of ...



Carbon capture energy

The Carbon Capture, Utilization and Storage Conference 2025 will bring together leading experts from across the industry, including: Mhairidh Evans, VP, Global Head of CCUS Research, ...

BKV Corporation has signed a new agreement with a major diversified midstream energy company to develop a carbon capture and sequestration (CCS) initiative at an active natural gas processing facility in East Texas. This collaboration ...

ExxonMobil Benelux has officially started construction on a new pilot project in Rotterdam that combines cutting-edge carbon capture with clean energy production. The initiative will test a Carbonate Fuel Cell (CFC) system ...

Carbon capture and storage is a three-stage process--capture, transport, and storage--designed to reduce the amount of carbon dioxide (CO₂) released into Earth's atmosphere by separating it from emissions before it can ...



Carbon capture energy

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