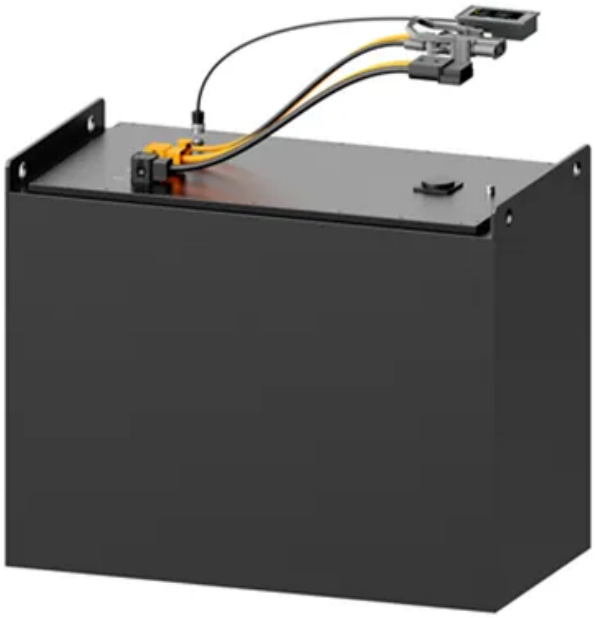
Iea carbon capture and storage



Iea carbon capture and storage

CCUS - Analysis

8% of cumulative emissions reductions Carbon capture, utilisation and storage If all announced CO 2 capture capacity is realised and the current growth trend continues, global capacity

Direct Air Capture

direct air capture (DAC) technologies extract CO 2 directly from the atmosphere, for CO 2 storage or utilisation. Twenty-seven DAC plants have been commissioned to date worldwide, capturing almost

IEA - International Energy Agency

The International Energy Agency works with countries around the world to shape energy policies for a secure and sustainable future.

CCUS Projects Explorer - Data Tools

The IEA established this dataset as part of its efforts to track advances in carbon capture, utilisation, and storage (CCUS). It covers all CO 2 capture, transport, storage, and utilisation projects

CO2 Transport and Storage

Transport and storage infrastructure for CO 2 is the backbone of the carbon management industry. Planned capacities for CO 2 transport and storage surged dramatically in the past year, with around

Global Energy Review 2025 - Analysis

This edition of the Global Energy Review is the first comprehensive depiction of the trends that took place in 2024 across the entire energy sector, covering data for all fuels and

IEA 2025 CCUS Database Highlights A Year Of Gains

The International Energy Agency (IEA) has published its 2025 update to the global carbon capture, utilization, and storage (CCUS) projects database,

20 Years of Carbon Capture and Storage

This publication was prepared by the Carbon Capture and Storage Unit of the International Energy Agency (IEA). The primary author was Samantha McCulloch, with substantial input from by Simon

World Energy Outlook 2024 - Analysis

The IEA's flagship World Energy Outlook, published every year, is the most authoritative global source of energy analysis and projections. It identifies and explores the biggest trends in energy demand

CCUS in Clean Energy Transitions - Analysis

A net-zero energy system requires a profound transformation in the way we produce and use energy that can only be achieved with a broad suite of technologies. Carbon capture, utilisation

IEA: CCUS Investment Surges To $5B, But Financing Gaps Remain

A new report from the International Energy Agency (IEA) highlights accelerating momentum in carbon capture, utilization and storage (CCUS), while warning that scaling the sector

About CCUS - Analysis

About this report Carbon capture, utilisation and storage (CCUS) refers to a suite of technologies that can play an important and diverse role in meeting global energy and climate goals.

[Current status of carbon capture, utilization, and storage technologies]

In view of this, the current state of various aspects of carbon capture, utilization, and storage (CCUS) technologies in general technical assessment were concisely reviewed and discussed.

[IEA Member countries to carry out largest ever oil stock release amid]

IEA members hold emergency stockpiles of over 1.2 billion barrels, with a further 600 million barrels of industry stocks held under government obligation. The coordinated stock release is

CCUS Projects Database

A worldwide database of CCUS projects The IEA established this dataset as part of its efforts to track advances in carbon capture, utilisation, and storage (CCUS).

Projects , CCUS

The IEA's CCUS Projects Explorer provides comprehensive data on global carbon capture,

utilization, and storage projects, detailing their locations, technologies, capacities, and operational statuses to

Technology Roadmap Carbon Capture and Storage

This publication was prepared by the International Energy Agency (IEA) Carbon Capture and Storage (CCS) Unit. Ellina Levina, Simon Bennett and Sean McCoy were the primary authors of this report.

IEA - International Energy Agency

The IEA Energy Data Centre provides the world's most authoritative and comprehensive source of global energy data The IEA collects, assesses and disseminates energy statistics on supply and

Minimal role for carbon capture, utilization, and storage

According to the International Energy Agency's (IEA) World Energy Outlook (WEO) 2025, carbon capture, utilization, and storage (CCUS) is

CO2 storage resources and their development - Analysis

Carbon capture, utilisation and storage (CCUS) technologies are an important solution for the decarbonisation of the global energy system as it proceeds down the path to net zero emissions.

Strait of Hormuz

IEA countries import about 29% of the crude oil coming through the Strait, with Japan and Korea particularly reliant on oil flows passing through the Strait. Around 600 kb/d, or just 4%, of the

region's

CO2 Capture and Utilisation

These early demonstrations can contribute to refining and reducing the cost of technologies for carbon capture and storage and CO 2 use and support the future deployment of both. For more information,

Countries & Regions

Explore and compare energy data, analysis and recommendations from countries and regions around the world

CCUS - Analysis

Announced capture and storage capacity include all facilities with a capacity larger than 0.1 Mt CO2 per year as of June 2023, and projects with an

Electricity 2026 - Analysis

Against this backdrop, Electricity 2026 - the IEA's annual report on global electricity systems and markets - provides in-depth analysis of the recent trends and policy developments

Carbon Capture, Utilisation and Storage - Analysis

Carbon capture, utilisation and storage (CCUS) refers to a suite of technologies that can play a diverse role in meeting global stored. There are around 35 commercial facilities applying CCUS to industrial

Carbon Capture Utilisation and Storage

Explore the IEA's database of carbon capture, utilisation and storage projects. The database covers all CCUS projects commissioned since the 1970s with an announced capacity of more than 100 000 t

Oil Market Report

The IEA Oil Market Report (OMR) is one of the world's most authoritative and timely sources of data, forecasts and analysis on the global oil market - including detailed statistics and

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