

21st April 2025

Key Developments & Insights

Stay Updated With The Latest Trends, Regulations, And Advancements Shaping The World Of Environmental, Social, And Governance (ESG) Initiatives.

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Microsoft Strikes Record **Carbon Removal Deal**



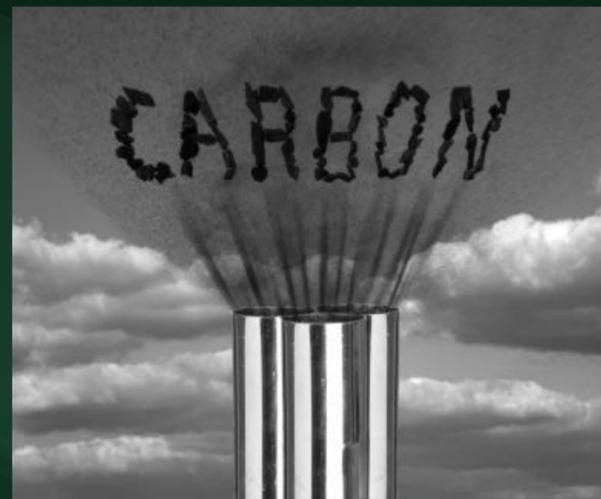
Commits to buy **6.75M metric tons** of carbon removal over 15 years — largest deal globally.

Partnering with upcoming **Atmos Clear BECCS facility** in Louisiana, operational by 2029.



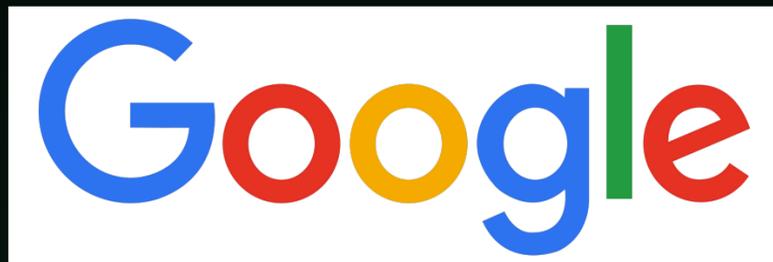
Facility will use sugarcane waste to produce clean energy and capture CO₂.

Marks Microsoft's second BECCS deal in April; total removal now **10M+ metric tons**.



Project to generate **\$800M+ investment, 600 construction, and 75 permanent jobs**.

Google Inks First Geothermal Energy Deal in Asia to Power Taiwan



Milestone PPA:

Google signs its first geothermal power purchase agreement (PPA) in Asia with Baseload Capital.

First for Taiwan

Marks Taiwan's first-ever corporate geothermal deal, nearly doubling current capacity.

Regional Strategy

Key step in Google's broader clean energy transition across Asia.

Clean Energy Boost:

Will supply **10 MW of 24/7** geothermal energy to Taiwan's grid.

LEGO to Build \$1B Solar-Powered Factory in Vietnam by 2026

\$1B investment in a solar-powered manufacturing plant in Vietnam, set to be operational by early 2026.



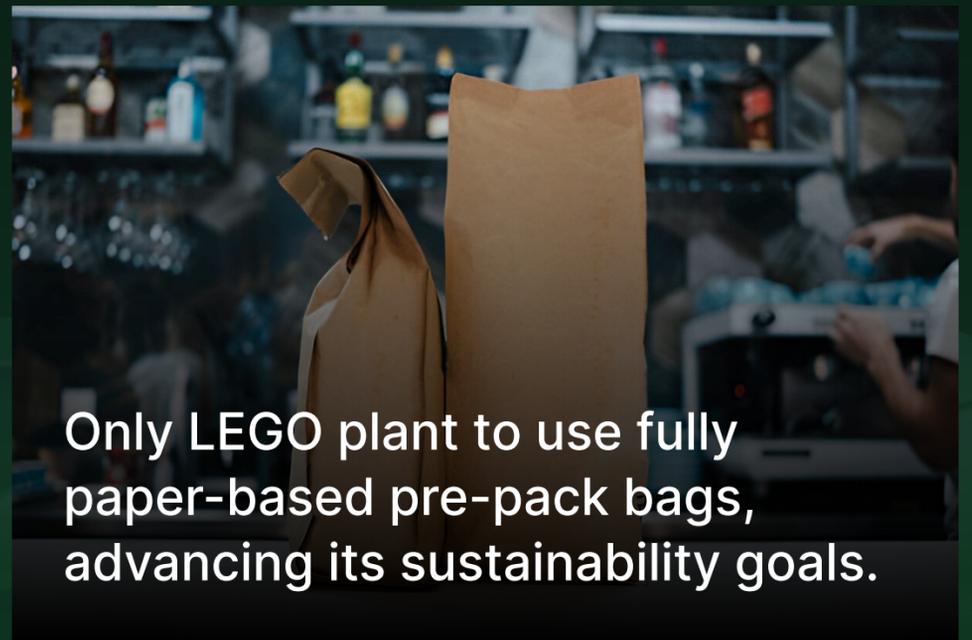
Will run on **100%** renewable energy, featuring **12,400** rooftop solar panels and a new energy center with large-scale battery storage.



First LEGO facility to achieve LEED Platinum certification for key areas; others rated LEED Gold.



Only LEGO plant to use fully paper-based pre-pack bags, advancing its sustainability goals.



Orbital and Civo Launch AI-Driven Carbon Removal Pilot in UK Data Centers

Partnership formed to test carbon removal tech in UK data centers,



led by



Orbital's system to be deployed in a live data center environment for real-world emission reduction testing.

AI-powered platform has achieved a 10x improvement in carbon capture material performance.

Civo to support with H200 NVIDIA GPU-powered HPC cluster for continuous AI model training.



Aimed at tackling data center emissions through innovative, scalable solutions.

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