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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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World's First Commercial E-Methanol Plant Opens in Denmark



Plant Launch:

€150M

Kassø facility begins global e-methanol supply—

42,000 tons/year.

Clean Energy Source:

Powered entirely by **304 MW** solar park, using green hydrogen + biogenic CO₂.



Key Buyers:

Maersk and LEGO among first to source low-emission fuel.



Joint Venture:

Operated by European Energy **(51%)** and Mitsui & Co. **(49%)**.

Prometheus and XL Batteries to Pilot Organic Flow Battery at Wyoming Data Center



New Tech Debut:
First U.S. use of organic flow batteries at a data center.

Pilot Launch:
Starts in 2027 at Prometheus's **1-GW** Wyoming facility.



Expansion Plan:
Adds **25 MW** storage in 2028–2029.

BloombergNEF

Energy Surge:
Data centers' U.S. power use to rise from **3.5% to 8.6%** by 2035 (BloombergNEF).

Sector Response:
Industry turning to **batteries, gas, nuclear,** and **geothermal** to meet demand.



Microsoft Strikes **3M-Ton Carbon Credit Deal with EFM**



2.3M

additional credits via Microsoft's investment in EFM's \$300M forestry fund.

Marks Microsoft's first U.S. forestry investment through its Climate Innovation Fund.

Google Targets Superpollutants in **New Climate Deals**



Google teams up with Recoolit and Cool Effect to tackle high-impact greenhouse gases.

Impact Scale:

Commits to removing
1 million tons CO₂-equivalent via
long-term credit purchases.

Focus Areas:

Targets methane and HFCs, which
drive nearly **50%** of global
warming.

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