



PRESS RELEASE

TWO PATENTS FILED FOR NEW SOLVENTS FOR CO₂ CAPTURE PROCESS

OSLO, NORWAY – 6 July 2023 – Circa Group AS (stock symbol: CIRCA) has applied for patents for two new solvents for CO₂ capture processes.

As both the interest and the urgency to capture and transform carbon dioxide (CO₂) emissions increases, Circa has developed two new CO₂ solvents from its platform molecule, levoglucosenone (LGO).

The two new solvents named Furatech:1 and Furatech:2 are the product of 12 months of development and testing across a range of new LGO-based molecules within Circa's R&D team.

The Furatech products have been designed to be used in several current CO₂ capture processes and discussions are underway about further optimisation with our engineering partners.

"Applying for patents is a major step and we are sufficiently excited about the performance of these two new CO₂ solvents that getting protection in place as quickly as possible is a priority," says Tony Duncan, Circa CEO. "Furatech testing has shown good CO₂ capture performance across multiple cycles, as well as lower energy requirements in the desorption phase compared to current industry standards."

With the ReSolute plant commissioning planned for mid-2024, further testing and trialling of Furatech:1 and Furatech:2 will continue in parallel.



About Circa

Established in 2006, Circa Group converts sustainable biomass into advanced bio-based chemicals with its proprietary Furacell™ process. Its developing levoglucosenone based product portfolio includes bio-polymers and bio-solvents including Cyrene™. By creating renewable chemicals from cellulose, Circa is extracting value from non-food, biomass and addressing a gap in the market by providing bio-based alternatives contributing to a lower carbon and more circular economy.

<https://circa-group.com>

Investor Contact

Tone Leivestad
Chief Financial Officer
Circa Group AS
tone.leivestad@circa-group.com

Media Contact

Kathryn Sheridan
Sustainability Consult
ks@sustainabilityconsult.com