

# Nuada and Carbfix collaborate to offer complete carbon capture and storage solutions

*Partnership combines advanced carbon capture technology with leading underground mineralization to capture and store industrial CO<sub>2</sub> emissions*

BELFAST, UNITED KINGDOM,  
December 10, 2024 /

[EINPresswire.com/](https://www.einpresswire.com/) -- Nuada and Carbfix have signed a memorandum of understanding (MOU) to collaborate on delivering integrated carbon capture and storage (CCS) solutions aimed at reducing emissions in key sectors, including cement, lime, steel, waste-to-energy, and bioenergy. By uniting Nuada's [innovative carbon capture technology](#) with Carbfix's transformative and permanent underground CO<sub>2</sub> mineralization method, this partnership offers industrial emitters a decarbonization solution that covers the entire CO<sub>2</sub> capture and storage (CCS) value chain.

Nuada's award-winning [carbon capture process](#) combines advanced solid sorbents, MOFs, and vacuum pressure swing adsorption (VPSA) technology. This technology achieves high-efficiency CO<sub>2</sub> capture from point-source emissions while overcoming long-standing deployment barriers for carbon capture: energy consumption, integration complexity, and cost.

"Nuada is redefining carbon capture, delivering an innovative solution that overcomes key



Nuada and Carbfix are creating an end-to-end CCS solution for industrial decarbonisation

barriers of traditional methods. Our partnership with Carbfix accelerates our pathway to full-scale implementation, creating an end-to-end CCS solution and expanding opportunities for full value chain projects," said Conor Hamill, co-CEO of Nuada.

With over a decade of expertise, Carbfix offers pioneering CO<sub>2</sub> storage technology that accelerates natural mineralization processes by injecting captured CO<sub>2</sub> into porous basaltic rock, where it transforms permanently into stone in less than two years. This cost-effective and safe approach provides a long-term and secure method for storing CO<sub>2</sub> underground.

"The climate crisis calls for multi-faceted solutions. Our collaboration with Nuada can bring real results to industry sectors that need solutions at speed and scale. Our permanent and proven mineralisation solution that turns CO<sub>2</sub> to stone in under two years together with Nuada's cutting-edge carbon capture technology can be a solution for point-source emitters worldwide" says Edda Sif Pind Aradóttir CEO of Carbfix.

With a combined approach, Nuada and Carbfix aim to support industries in their efforts to meet global climate goals through an efficient, integrated carbon capture and storage model.

#### About Nuada

Nuada is a carbon capture company poised to decarbonise heavy industries through its next-generation point-source capture technology. The company builds energy-efficient filtration machines that capture CO<sub>2</sub> from industrial off-gases, empowering emitters in hard-to-abate sectors to reduce their carbon footprint with minimum impact on their bottom line.

#### About Carbfix

At Carbfix, we provide a natural and permanent storage solution by turning CO<sub>2</sub> into stone underground in less than two years. Our technology plays a vital part in our mission to significantly contribute to climate recovery through worldwide scaling and further development of safe, underground CO<sub>2</sub> mineral storage. We partner with responsible business partners through technical development, consulting, project development and mineral storage services and operations.

Jack Loughrey

Nuada

contact@nuadaco2.com

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