

MONTHLY ZCA CLEANTECH NEWS



The Cleantech Insight You Need

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Editors note

We're entering a decisive phase in the climate fight—where innovation meets implementation. Northwestern's low-cost carbon capture and Interface's use of captured carbon in flooring prove sustainability can scale. Business leaders are no longer waiting; 97% support clean energy, and many are acting now. With cleantech patents rising and companies like ON.Energy advancing storage tech, it's clear: the future isn't just green—it's already being built, piece by piece.

► SPOTLIGHT



ZCA Technology & Innovation and Analytics & Software award winner 2024

On.Energy is an energy storage developer which covers project development, system integration, and technology innovation, including analytics and AI-powered energy management software. Currently the business has 120 MWh in operation, with a further 400 MWh in development. In January 2025 the company closed a \$77.6 million construction credit agreement from Pathward to build its new 160 MWh portfolio.

Find out more [here](#)



FLOORING MEETS CARBON CAPTURE

Carbon Capture, Usage and Storage (CCUS) technology continues to gain traction, we report

on recent developments, including Northwestern University's Direct Air Capture (DAC) and Interface's use of captured carbon in floor tiles.

BUSINESS LEADERS OVERWHELMINGLY BACK A TRANSITION TO CLEAN ENERGY

The research revealed that renewables are acting as a driver for investment, with businesses across the world helping deliver the shift to clean energy. More than half of business leaders say they will relocate their operations (52%) and supply chains (49%) to markets with better access to renewables-based power systems within five years

CLEANTECH PATENTS FILLED IN 2025

The cleantech industry has witnessed considerable growth in patent applications, with the EPO (European Patent Office) reporting a 65% increase over the past decade. In this insight we provide an overview of 3 cleantech patent applications underway this year, to showcase current innovation:

1. Aduro Clean Technologies
2. Enertopia
3. NewHydrogen Inc. & UC Santa Barbara

