

Media Release

Ambuja Cements Selected for First Indo-Swedish CCU Pilot in the Global Cement Sector

Partners with IIT Bombay and Eco Tech - Sweden, for Pre-pilot Technology Feasibility Study

EDITOR'S SYNOPSIS

- Project is sponsored by Department of Science and Technology - India and Swedish Energy Agency - Sweden under Industry Transition Partnership programme.
- The study will assess capturing CO₂ from hard to abate cement sector and utilize it for conversion to fuels and materials.
- This marks a shift from conventional carbon capture and storage to a circular carbon economy that reduces emissions while enabling green fuels and materials.
- Supports SBTi validated net-zero targets, building on decarbonisation roadmap including Coolbrook's green power electric kiln heating technology.

Ahmedabad, 10 December 2025: Ambuja Cements Limited, part of the Adani Portfolio and the world's ninth-largest building materials solutions provider, becomes the first cement company to receive an Indo-Swedish grant for a pre-pilot Technology Feasibility study for Carbon Capture and Utilisation (CCU) in collaboration with the Indian Institute of Technology Bombay and Eco Tech, Sweden. The project emphasises collaboration between Swedish and Indian partners to co-develop scalable, sustainable, and industry ready CO₂ capture and utilisation solutions. The Company plans to utilise captured CO₂ – marking a transformative shift from conventional carbon storage to a circular carbon economy that reduces emissions and enables new green fuels and materials.

Mr. Vinod Bahety, CEO – Cement Business, Adani Group, said: "Securing this grant reinforces our commitment to responsible innovation and global collaborations. CCU is a strategic lever to redefine sustainable construction, and our privileged partnership with IIT Bombay and Eco Tech, Sweden will accelerate climate-resilient, value-creating solutions. We are advancing our net-zero roadmap through renewable energy integration, expansion of alternative fuels and raw materials, and other initiatives. CCU will be the final step towards our net-zero ambition. With TNFD aligned disclosures from FY'26, biodiversity initiatives, world's first commercial deployment of Coolbrook's RDH™ technology, Agentic AI-driven operations, and by leveraging the Adani Group's integrated ecosystem, we aim to create superior stakeholder value and support India's transition to a low-carbon economy."

The study will evaluate the technical and economic viability of capturing CO₂ from cement operations. Captured CO₂ will be channelled into materials like calcium carbonate or to produce green methanol using green hydrogen pathways—shifting from conventional carbon capture and storage to a circular carbon economy that reduces emissions while enabling new green fuels and materials.

The collaboration with IIT Bombay's National Centre of Excellence in Carbon Capture Utilisation and Storage will leverage advanced CO₂ capture and mineralisation technologies to create scalable, cost-effective solutions for hard-to-abate sectors such as

cement. Eco Tech, Sweden will help to optimise energy demand, recover waste heat, and integrate renewable electricity and heat.

This grant builds on the Company's net-zero roadmap validated by the SBTi. The Company is accelerating low-carbon manufacturing through the commercial deployment of Coolbrook's RotoDynamic Heater technology, expanding renewable power through 1 GW of captive solar-wind capacity, 376 MW of waste heat recovery systems and strengthening nature-positive outcomes as India's first TNFD adopter in the cement industry. It is also progressing towards 30% TSR and embedding Agentic AI across operations to drive efficiency, resilience and sustainable long-term emission reduction.

About Ambuja Cements Limited

Ambuja Cements Limited is the 9th largest building materials solutions company globally, a key part of the diversified Adani Portfolio – the country's fastest-growing portfolio of sustainable businesses. With a cement capacity of ~107 MTPA across 24 integrated manufacturing plants and 22 grinding units, Ambuja Cements is at the forefront of building a greener, stronger India. The Company is accelerating its decarbonisation journey through investments in 1 GW of renewable energy (solar + wind), 376 MW of Waste Heat Recovery Systems (WHRS) by FY'28, and a strategic partnership with Coolbrook to deploy zero-carbon RotoDynamic Heater™ (RDH™) technology. Ambuja Cements has achieved 12x water positivity and 11x plastic negativity. It is committed to net-zero by 2050, being amongst the four large-scale building materials companies in the world, with its near-term and net-zero targets validated by the Science Based Targets initiative (SBTi). Its innovative products are listed in the GRIHA product catalogue, and the Company operates a captive port network with ten terminals for cleaner, cost-effective bulk cement shipments. Recognised among 'India's Most Trusted Cement Brands' by TRA Research and 'Iconic Brands of India 2024' by The Economic Times, Ambuja Cements is the world's first cement manufacturer to join the Alliance for Industrial Decarbonization (AFID), a global alliance facilitated by IRENA and a member of LeadIT, first global high-level initiative on reaching net-zero emissions from heavy industry.

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Safe Harbour Statement

This press release contains forward-looking statements relating to Ambuja Cements Limited and ACC Limited's future operations, performance, and financial outlook, which are based on current assumptions and expectations. These statements involve inherent risks and uncertainties that could cause actual results to differ materially from those anticipated. Factors such as changes in market conditions, economic developments, regulatory requirements, industry dynamics, and unforeseen circumstances may impact the company's performance. Ambuja Cements Limited and ACC Limited undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise. For a detailed discussion of these risks, please refer to our filings with the Securities and Exchange Board of India (SEBI) and other relevant regulatory authorities.