

Dac Labs Appoints Emma Quigly-Hall as Chief Operating Officer

Former Macquarie Group executive to lead commercial scale-up of Direct Air Capture technology

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Dac Labs today announced the appointment of Emma Quigly-Hall as Chief Operating Officer. The appointment strengthens the company's leadership as it progresses from research and development toward commercial deployment of its Direct Air Capture (DAC) technology.

Emma joins Dac Labs following a 22-year career at Macquarie Group spanning corporate & asset finance, and principal investing. Most recently, she served as Executive Director and Global COO/CFO of Macquarie Capital's Principal Finance business. She led a team of 50 professionals across Sydney, London, and New York, with responsibility across deal and portfolio execution, finance, operations, risk management, and data and digital strategy.

During her tenure, Emma developed and executed the operational and financial strategy that supported the business's 5-year growth from AU\$6.4 billion to AU\$28 billion in assets - a more than 400 per cent increase - with AU\$42 billion deployed across approximately 290 transactions in that period. She led the transformation of the business's operational and financing activities to support that growth, including the structuring and close of a US\$2 billion external debt facility and the establishment of co-investment and private credit fund strategies with institutional partners.

Her experience in scaling capital-intensive businesses - aligning people, processes, technology, and risk frameworks around complex projects - maps directly to the challenge facing Dac Labs as it moves toward commercial-scale deployment.

"Scaling direct air capture requires more than breakthrough engineering - it demands disciplined capital deployment and operational execution at industrial scale," said Dr Sam Wenger, Founder and CEO of Dac Labs. "Emma has spent two decades doing exactly that at one of the world's leading financial institutions. Her experience in structuring transactions, managing risk, and building operational infrastructure for rapid growth is exactly what Dac Labs needs at this stage."

“Large-scale carbon removal requires engineered solutions that can scale within existing industrial systems, not decades from now, but in the near term,” said Emma. “That's what Dac Labs has built - proven chemistry, existing infrastructure, and a business model that stands on its own. It's elegant systems thinking applied to one of the defining challenges of our generation.”

Emma is a qualified Chartered Accountant and a Graduate of the Australian Institute of Company Directors (GAICD). She holds a Bachelor of Applied Finance and has served as a Board Director on several Macquarie investing entities.