Media Release

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WOODSIDE JOINS MIT-IBM WATSON AI LAB AND IBM Q NETWORK

Woodside and IBM will work together to re-imagine the way work is done using next-generation technologies such as artificial intelligence (AI) and quantum computing to help Woodside realise its vision of an "intelligent plant".

Announced today at IBM's Cloud Innovation Exchange in Sydney by Woodside CEO Peter Coleman and IBM Chairman, President and CEO Ginni Rometty, the collaboration will include Woodside becoming a member of the MIT-IBM Watson AI Lab, which is a collaborative industrial-academic laboratory focused on advancing fundamental AI research.

Woodside will also join the IBM Q Network, making it the first commercial organisation in Australia to join IBM's quantum computing network. Woodside and IBM will use quantum computing to conduct deep computational simulations across the value chain of Woodside's business.

During the past five years Woodside and IBM have worked together to implement cognitive solutions, enabling advances in health and safety, planning and operations, and project engineering. Today's announcement represents the next phase of that journey.

"We are deploying advanced technologies to capture, analyse and use all available data as we progress our Burrup Hub growth plans, reducing costs and risk whilst improving reliability and production performance. The relationship with IBM has been a crucial part of our work in artificial intelligence and will now assist us to build capability in quantum computing," said Mr Coleman.

"IBM is excited to join with Woodside, one of our first Watson clients globally, to help enable their pioneering vision of developing an intelligent plant," said Ms Rometty. "Together, Woodside and IBM will push the frontiers of innovation, working with the world's most advanced researchers in quantum computing and next generation AI."

About MIT-IBM Watson AI Lab:
The MIT-IBM Watson AI Lab is a joint-research effort between industry-leading companies and research scientists from MIT and IBM to pursue leading-edge AI advances beyond the current bounds of artificial intelligence technology.

About IBM Q Network
IBM Q Network is a community of Fortune 500 companies, academic institutions, start-ups and national research labs working with IBM to advance quantum computing. As a member, Woodside will collaborate with IBM to advance the field by leveraging IBM Q technology and expertise.

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