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Global partners join Western Green Energy Hub to advance Stage 1 feasibility phase activities

- Feasibility Phase Agreement signed between WGEH, SANY International and leading South Korean entities to progress Stage 1
- Enables full feasibility and pre-FEED studies ahead of targeted 2029 Financial Investment Decision
- Stage 1 designed for ~6GW of wind and solar, producing ~330,000tpa of green hydrogen

Western Green Energy Hub Pty Ltd (WGEH) has signed a Feasibility Phase Agreement (FPA) with major international partners—SANY International Development Ltd of China and leading South Korean entities.

The agreement marks a major step forward for WGEH in Western Australia and enables full feasibility and pre-FEED studies for Stage 1, designed to deliver ~6GW of hybrid wind and solar capacity producing up to 330,000 tonnes per year of green hydrogen. Partners will combine expertise to refine costs, schedule, design, and supporting infrastructure to advance development.

Ray Macdonald, WGEH CEO, said: “The FPA partners us with globally recognised leaders in renewable and industrial technology. SANY brings world-class equipment, battery systems, solar and hydrogen facilities, while the South Korean entities contribute deep EPC capabilities—giving us the strength to take WGEH into delivery.”

He added: “This collaboration provides the detail we need on costs, schedule and design to build a strong business case ahead of FID in 2029.”

Frank Edwin, General Manager of SANY International Renewable, said “WGEH Stage 1, at around 330,000tpa of hydrogen, is truly global in scale. Working with the WGEH team, we believe that we can add considerable value to the feasibility study and related opportunities. With the gradual deepening of the FPA, WGEH will assist Australia in achieving great success on its decarbonisation journey across the globe.”

The FPA builds on ongoing MOU arrangements between WGEH and the Korean Electric Power Corporation (KEPCO), which have supported early collaboration in project design, technology, construction, service provision and offtake.

WGEH is majority owned by InterContinental Energy (ICE), a global leader in mega-scale renewable hydrogen developments and the company behind the market leading P2(H₂)Node architecture. ICE’s Australian footprint also includes the green iron focused Australian Renewable Energy Hub (AREH) in the Pilbara, in support of the Future Made in Australia vision.

“WGEH is a cornerstone of ICE’s Australian portfolio, alongside AREH,” said Isaac Hinton, Head of Australia, InterContinental Energy and Chair of WGEH. “This Feasibility Phase Agreement moves WGEH closer to delivery and reflects strong international confidence in Australia’s growing green hydrogen economy. Stage 1’s scale and partnerships position Australia as a major green fuel producer, well placed to serve emerging demand in Asia.”

“With strong partners and clear policy focus from both the Australian and Western Australian Governments, momentum is building to deliver world-scale green fuels from Western Australia.”