

ASX Announcement | 09 July 2021 Hexagon Energy Materials Limited (ASX: HXG)

Hexagon lodges Pedirka Project Mine Management Plan

Highlights:

- Hexagon completes the lodgement of the Mine Management Plan for its Pedirka Project with the Northern Territory Government
- This plan details the exploration drilling activities to be carried out
- It also provides an assessment of the environmental risk and related environmental management plan attached to these drilling activities
- Hexagon expects government approval for its Pedirka drilling program to be obtained in good time for the drilling program to start on time in September 2021

Hexagon Energy Materials Limited (ASX: HXG) ('Hexagon' or "the Company) is pleased to announce another step towards the development of its Pedirka Blue Hydrogen Project. It has now lodged the Mine Management Plan (MMP) for the Project with the Northern Territory (NT) Government. This plan is a crucial part of the preparatory work required before the exploration drilling program at Pedirka gets underway, Hexagon anticipates government approval for this drilling program will subsequently come through, opening the way for it to start on time in September 2021.

The drilling program will see exploration of the coal targets in the Project, which aims to define a JORC compliant resource. The now lodged MMP details the proposed activities to be carried out, providing an assessment of the environmental risk and related environmental management plan attached to these activities, including an appraisal of any impact on places of cultural or archaeological significance. It also reviews project-related rehabilitation and closure activities to ensure they meet the requirements set out by the NT government.

Hexagon's Chairman Charles Whitfield said: "The completion and lodgement of the mine management plan for drilling activities at Pedirka represents another step in the journey to develop the Project. It follows hot on the heels of our June 2021 announcement that Genesis, a wholly owned Technip Energies company, had come on board to undertake the pre-feasibility studies for Hexagon's Pedirka Blue Hydrogen Project. With the Project fully funded through to the completion of its planned Pre-feasibility Study, we look forward to informing the market about further Pedirka-related critical success factors being ticked off over coming months."



Critical Success Factors

Development is ongoing, progress to be reported

01)

Further engagement with governments to ensure project continues to be consistent with hydrogen strategies for domestic use and export, and approval process is in a commercial timeframe 02 >

Identify technology partner for gasification process

03 🕽

Determine coal resource and hydrogen production potential

Drilling program aimed to establish JORC Compliant Resource during Pre-Feasibility

04)

Develop carbon capture utilisation & storage (CCUS) solution to ensure production of blue hydrogen 05)

Determine optimal supply chain for transportation of product to Darwin by working closely with pipeline and rail owners and operators 06)

Determine whether hydrogen or hydrogen derivatives such as ammonia are the best route to market 07

Progress customer discussions on offtake at competitive cost of delivery to end-markets

Ends

About Hexagon Energy Materials Limited

Hexagon Energy Materials Limited (ASX: HXG) is an Australian company focused on the exploration and development of clean energy and energy materials projects.

Hexagon is primarily focused on developing its Pedirka blue hydrogen project in Australia's Northern Territory. At Pedirka, Hexagon aims to produce the blue hydrogen required to support the conversion to clean energy economies over the coming decades.

In Australia, Hexagon also owns the McIntosh graphite, nickel and PGE's project and the Halls Creek gold and base materials project. In the US, Hexagon has an 80 per cent controlling interest of a graphite exploration project in Alabama.

Hexagon actively seeks ways to progress value-added enterprises consistent with its strategy, skill set, and focus on clean energy.

To learn more please visit: www.hxgenergymaterials.com.au

Authorisation

This announcement has been authorised by the Board of Directors.

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