



MAGNUM ENTERS INTO BIOCHAR AND GREEN PIG IRON JV AGREEMENT IN MALAYSIA

Magnum Mining & Exploration Limited (ASX: **MGU**, **Magnum**, or the **Company**) has entered into a binding agreement with 2x1.Digital Private Limited (**2x1**) to incorporate a joint venture company (**JV Co**) to establish facilities for the trading, production and supply of biochar, iron ore and green pig iron in Malaysia.

PARTNERSHIP TO SEE THE ESTABLISHMENT OF A VERTICALLY INTEGRATED BUSINESS

The JV Co is being established for the purposes of carrying out, amongst other things, the:

- installation of facilities for the trading, production and supply of biochar, iron ore and green pig iron in Malaysia. The green pig iron will be produced via the use of the HIs melt technology that will smelt steel industry waste and iron ore with renewable biochar;
- trading and supply of iron ore, biochar and green pig iron;
- management of procurement contracts and sales and marketing; and
- technical advisory services.

Under the terms of the agreement, the JV Co is to be owned 50% by Magnum and 50% by 2x1. The agreement has an initial term of two years but can be terminated with 90 days' notice by either party. The term may be renewed with the agreement of both parties.

The establishment of the JV Co and proposed integrated business in Malaysia is complementary to the Company's existing activities, including the proposed establishment of the Green Pig Iron Project in Saudi Arabia.

"This agreement with 2x1 is an important step to establishing a vertically integrated green pig iron business in Malaysia. Magnum has an excellent relationship with 2x1, resulting from the agreement on our proposed Saudi project¹. 2x1's deep understanding of Magnum's strategy has given them the confidence to engage with Magnum on a much broader basis."

Neil Goodman, MD of Magnum

¹ ASX:MGU "Funding Round for Green Pig Iron Project in Saudi Arabia ", 13 May, 2024

In other news, Magnum provides the following updates:

EXPLORATION

The large land holding on which the Buena Vista magnetite deposit is located in north-central Nevada, USA, may be prospective for a range of mineral commodities. A number of these are on the US Federal Government's critical minerals list and have the potential to attract government grants or funding. Work is currently being undertaken to assess the full potential of the ground beyond its magnetite endowment. The initial work is being undertaken by DiRT Exploration, world leaders in multispectral analysis.

SAUDI GREEN PIG IRON PROJECT

Magnum entered into a Project Funding Agreement to undertake a capital raising to advance its Green Pig Iron Project in Saudi Arabia². That agreement envisages the construction of a HIs melt plant that will be fed by steel mill waste augmented by magnetite from the Company's proposed Buena Vista Magnetite mine. Negotiations with a Saudi steelmaking company are progressing well. Magnum is confident that these negotiations are on target and are drawing to an agreeable conclusion.

BIOCHAR PROJECTS

As announced on November 29, 2023, Magnum appointed Cadmon Advisory Pty Ltd to assist the Company in locating and engaging a suitable partner for the development of biochar production facilities in Malaysia³.

Cadmon arranged for the delivery of samples of a potential low-cost, sustainably sourced biomass to a biochar technology testing facility. Magnum will issue a release detailing the full test results within the next few weeks after final laboratory data is received.

Cadmon has identified another potential source of low-cost, sustainably produced biomass in Malaysia. Samples of this biomass are being sent to the biochar technology testing facility for test processing.

MAGNUM MINING SINGAPORE PTE LTD

Magnum has set up a wholly owned subsidiary in Singapore to hold future assets in Saudi Arabia and Malaysia. Magnum Mining Singapore Pte Ltd was incorporated under section 19(4) of the Singapore Companies Act on June 24, 2024.

² ASX:MGU "Funding Round for Green Pig Iron Project in Saudi Arabia", 13 May, 2024

³ ASX:MGU "Appointment of Advisor for Malaysian Biochar", 29 November, 2023

NEXT STEPS

The anticipated activities over the next quarter are detailed below:

1. Establishment of the JV Co in Malaysia.
2. Signing of biochar agreements with Malaysian partners.
3. Signing of green pig iron agreements with Saudi and Malaysian partners.
4. Advance the assessment of the Company's mineral claims for a range of targeted commodities.

CAUTIONARY STATEMENTS

This release contains "forward-looking information" that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to studies, the Company's entry into a definitive agreement with Midmetal, the Company's business strategy, plan, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this news release are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information.

Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors set out herein, including but not limited to general business, economic, competitive, political and social uncertainties; the actual results of current development activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of metals; failure of plant, equipment or processes to operate as anticipated; accident, labour disputes and other risks of the mining industry; and delays in obtaining governmental approvals or financing or in the completion of development or construction activities. This list is not exhaustive of the factors that may affect our forward-looking information. These and other factors should be considered carefully, and readers should not place undue reliance on such forward-looking information.

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BY ORDER OF THE BOARD

John O'Gorman

Company Secretary

Email: info@mmel.com.au

Phone: +61 8 6489 0699

Evan Smith

Investor Relations

evan.smith@advisir.com.au

Phone: +61 431 176 607