

ASX ANNOUNCEMENT

14 June 2024

APPOINTMENT OF NON-EXECUTIVE DIRECTOR

HIGHLIGHTS

- Mark Pensabene appointed as Non-Executive Director of the Company. Dr Agu Kantsler has resigned from the Board of Directors.

Suvo Strategic Minerals Limited (ASX: SUV) (“Suvo” or “the Company”) is pleased to announce the appointment of Mark Pensabene as Non-Executive Director of the Company, effective immediately.

Mark Pensabene holds a Bachelor of Engineering and Commerce degrees from the University of Western Australia and has over 20 years of operational and management experience in the engineering and construction sectors.

Mark spent 18 years with ASX-200 Company, Monadelphous Group, where he held a number of general manager roles. Most recently, Mark was the Executive General Manager & Chief Operating Officer at Primero Group, subsidiary of ASX listed NRW Holdings, a company specializing in the provision of EPC services in the Western Australian and North American mining sectors.

The appointment of Mark Pensabene comes at an opportune time as the Company looks to finalise the binding Joint Development Agreement (JDA) with PERMAcast (ASX Announcement: Suvo Executes Term Sheet with PERMAcast – 29 May 2024) and fast track the commercialisation of low carbon geopolymers concrete (GPC) products. PERMAcast, given their scale and expertise, offer a clear avenue for scale-up and industry validation.

Aaron Banks
EXECUTIVE CHAIRMAN

Oliver Barnes
NON-EXECUTIVE DIRECTOR

Mark Pensabene
NON-EXECUTIVE DIRECTOR

Suvo Strategic Minerals Ltd. ABN 97 140 316 463
Head Office: Level 11, 40 The Esplanade, Perth, Western Australia 6000
Operations: 3610 Glenelg Highway, Pittong, Victoria 3360

SUVO.com.au

ASX: SUV

The Company intends to utilise Mark's network of clients built over the past 20 years which includes large mining companies producing multiple waste streams from their processing operations, being ideal raw material inputs for potential GPC products which are proposed to be developed under the JDA with PERMAcast.

Executive Chairman Aaron Banks commented:

"We welcome Mark to the team. For more than 2 decades Mark has developed relationships with the largest miners in the country in leading teams that have built out their processing facilities. Leveraging these relationships, and Marks intimate knowledge of these facilities is invaluable as it cements our end to end value proposition, that being; characterising these industrial by-products and creating low carbon geopolymer concrete for various end use applications.

On behalf of the Board, I would like to thank Agu for the exceptional support he has provided to the Board and management team since joining the Company. Agu's effort and professionalism has made a significant difference which has not gone unnoticed.

We thank Agu for his contribution and guidance and wish him all the best."

Approved for release by the Board

-ENDS-

For further information, please contact

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Executive Chairman
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Company Profile

Suvo Strategic Minerals Limited is an Australian hydrous kaolin producer listed on the Australian Securities Exchange (ASX:SUV). Suvo is focused on expanding sales of hydrous kaolin produced at its 100% owned Pittong operation located 40km west of Ballarat in Victoria. Suvo is also progressing commercialisation of the 'Murdoch Technology', namely Intellectual Property for a geopolymer concrete batching plant a low carbon geopolymer concrete formulation known as 'Collicrete', which it licenses under a worldwide and exclusive Intellectual Property License Agreement.

Pittong Operations

The 100% owned Pittong Operations, located in Victoria 40km west of Ballarat, is the sole wet kaolin mine and processing plant in Australia and has been in operation since 1972. Pittong comprises the Pittong, Trawalla and Lal Lal deposits located on approved Mining Licences MIN5408, MIN5365 and MIN5409 respectively. The Pittong processing plant has a name-plate capacity of 60,000 tonnes per annum.

At Pittong mining contractors deliver crude kaolin ore to stockpiles from the two currently operating mines, Pittong and Lal Lal. The plant takes its feedstock from the ROM and it is processed into four separate product forms for end users. These product forms are 10% moisture lump, high solids slurry, 1% moisture powder and 1% moisture pulverised powder. The solids slurry is used in paper and board manufacturing. The other products are used in paper, coatings, paint and specialist industries including rubber and pharmaceutical applications.

Geopolymer Concrete IP and Commercialisation

Suvo licenses the 'Murdoch Technology' from Murdoch University under a worldwide and exclusive Intellectual Property License Agreement. The Murdoch Technology is namely Intellectual Property for a geopolymer concrete batching plant a low carbon geopolymer concrete formulation known as 'Collicrete'.

Geopolymer concrete is a low carbon concrete that is made by reacting aluminate and silicate bearing materials with a caustic activator, such as metakaolin, flyash, ground blast furnace slag and other waster derived materials. Geopolymer concrete is a suitable replacement for concrete made using the traditional binder known as Ordinary Portland Cement (**OPC**). The manufacture of OPC is a highly emitting process representing 8% of global CO₂ emissions which is equivalent to the entire global car fleet.

Utilising the licensed IP, in a laboratory setting, Suvo has successfully produced two new geopolymer concrete formulations using caustic activators, metakaolin and flyash. The laboratory trials ran tests comprising five samples in each test returning an average compressive strength of 27 megapascal (**MPa**) up to 52MPa. The trials indicated the geopolymer concrete formulations using metakaolin and flyash showed a potential greenhouse gas emission reduction of up to ~70% compared to concrete made using OPC.

Suvo, in accordance with the terms of the non-binding term sheet executed with PERMAcast, is in the process of developing and entering into a binding Joint Development Agreement (**JDA**) and incorporating a joint venture entity (**SPV Entity**) to develop and commercialize low-carbon geopolymer concrete (**GPC**) products. Under the proposed JDA, Suvo and PERMAcast will prepare and test various formulations, assess their suitability for different applications, and determine the best route for commercialization through the jointly-owned special purpose vehicle.