

## ASX ANNOUNCEMENT

22 February 2024

# MURDOCH UNIVERSITY ASSOCIATE PROFESSOR DR MARTIN ANDA JOINS SUVO

### HIGHLIGHTS

- Dr Martin Anda, Associate Professor at Murdoch University and Academic Chair of Environmental & Sustainable Systems Engineering, joins Suvo on a one-day per week basis, commencing 1 March 2024.
- Dr Anda led the geopolymers program at Murdoch University which resulted in the development of the low carbon geopolymers concrete formulation 'Collicrete', now licensed to Suvo under an IP Agreement (ASX Announcement 30 October 2023: Exclusive IP License Agreement Signed – Low Carbon Concrete).
- Dr Anda's role at Suvo includes submissions for State and Federal grants, providing technical support for the commercialisation of geopolymers concrete as well as continuing to facilitate trials with the State government and private sector.
- Dr Anda will continue to lead his Murdoch University team that are supporting Suvo to create kaolin and/or waste-derived geopolymers concrete formulations.

**Suvo Strategic Minerals Limited (ASX: SUV)** ("Suvo" or "the Company") is pleased to announce Dr Martin Anda, Associate Professor at Murdoch University ("the University") and Academic Chair of Environmental & Sustainable Systems Engineering, will join the Company on a one-day per week basis, effective 1 March 2024. Dr Anda will be a key resource, assisting the Company in its pursuit to commercialise its geopolymers concrete opportunities.

Aaron Banks  
NON-EXECUTIVE CHAIRMAN

Oliver Barnes  
NON-EXECUTIVE DIRECTOR

Agu Kantsler  
NON-EXECUTIVE DIRECTOR

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ASX: SUV

Dr Anda leads the geopolymer research program in the laboratories at Murdoch University which has resulted in the development of a pilot scale batching plant and ‘Collicrete’, a low carbon geopolymer concrete formulation exclusively licensed to Suvo (ASX Announcement 30 October 2023: Exclusive IP License Agreement Signed – Low Carbon Concrete).

Geopolymer concrete is a low emission, environmentally friendlier substitute to traditional concrete made with Ordinary Portland Cement (“OPC”). The manufacture of OPC (the binder necessary to make concrete) is a highly CO<sub>2</sub> emitting process, representing 8% of global emissions – the equivalent to the entire global car fleet.

Dr Anda will continue to lead his growing team at the University, currently comprised of 3 technicians, 2 PhD students and 2 Masters students, assisting Suvo to create kaolin and/or waste-derived geopolymer concrete formulations for current and future industry partners.

In the 6 months that Suvo has been working with Dr Anda, he has been instrumental in facilitating introductions to various government agencies and has played a key role in helping the Company secure the upcoming demonstration pour on the Bunbury Outer Ring Road project for the Sustainability Waste Alliance (ASX Announcement 16 January 2024).

Dr Anda will continue in his current role at Murdoch University, overseeing the technical team in the lab and acting as the interface between the Company and the University.

**Non-Executive Chairman Aaron Banks commented:**

*“We welcome Associate Professor Dr Martin Anda to the Suvo team. His expertise and passion for sustainability and circular economies is unparalleled and he brings a wealth of knowledge to this space.*”

*Dr Anda’s network into government and the private sector is vast and one that has the potential to add tremendous value to Suvo as we begin to build on our low carbon, waste-derived geopolymer concrete strategy.”*

**Dr Martin Anda commented:**

*“I look forward to joining Suvo as the Company progresses Collicrete to full commercialization, thereby unlocking the potential of a formulation that is the result of several years of research and configuration.*

*Almost daily we see new market opportunities for low carbon, waste-derived geopolymer concrete. With industry partners such as PERMAcast, we hope to quickly progress commercialisation of our formulation scale to meet this demand.*

*Joining Suvo is a natural progression with the Murdoch team and lab acting as an effective R&D arm of Suvo, with the mutual objective being, to accelerate the development of new formulations that can fulfil the growing need for low carbon concrete products that enable industry and government alike, to achieve the emission reduction targets.”*

## **Company Profile**

Suvo Strategic Minerals Limited is an Australian hydrous kaolin producer and exploration company listed on the Australian Securities Exchange (ASX:SUV). Suvo is focused on production at, and expansion of, their 100% owned Pittong hydrous kaolin operation located 40km west of Ballarat in Victoria. Suvo's exploration focus is on near-term kaolin and high purity silica assets with 100% owned Gabbin (kaolin), Eneabba and Muchea (silica sands) projects located in Western Australia.

## **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.

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. Around 20–25kt per annum is supplied to various end users.

## **Gabbin Kaolin Project**

The 100% owned Gabbin Kaolin Project (White Cloud) is located 215km northeast of Perth, Western Australia. The project area comprises four granted exploration licences (E70/5039, E70/5332, E70/5333, E70/5517) for 413km<sup>2</sup>, centred around the town and rail siding of Gabbin. The generally flat area is primarily cleared farming land devoid of native bushland and is currently used for broad-acre cereal cropping. A mining access agreement is in place over the current resource area with the landowner and occupier.

The main rock types at Gabbin are primarily Archaean granite, gneiss, and migmatite. These rocks are overlain and obscured by Tertiary sand and Quaternary sheetwash. The weathering profile is very deep and contains thick kaolin horizons capped by mottled clays or laterite zones. The current JORC 2012 Mineral Resources are 72.5Mt of bright white kaolinised granite with an ISO Brightness of 80.5%.

## **Eneabba Silica Sands Project**

The 100% owned Eneabba Silica Sands Project is located 300km north of Perth, Western Australia. The project comprises four granted exploration licences (E70/5001, E70/5322, E70/5323, E70/5324) for 169km<sup>2</sup>. The project is located on the Eneabba Plain whose sandy cover is very flat to gently undulating. Outcrop is rare due to the accumulations of windblown and alluvial sand at surface. Below this is a thin hard silcrete or lateritic claypan which overlies deep white and yellow sands.