



## SOR Company Update

**Perth, Australia – 28 June 2024** - Strategic Elements Ltd (ASX: SOR) is pleased to provide the following Company update.

100% owned Australian Advanced Materials (AAM) has continued to progress the Australian Research Council funded Energy Ink technology. The SOR Executive team, engineers from Stealth Technologies and material scientists from UNSW are working to progress both High Power and Small Device Energy Ink™ cells that generate energy from moisture in the air.

AAM had previously set an ambitious goal of generating energy from moisture in an apartment building car park overnight and providing a small charge to an electric vehicle. However, achieving the required power and duration and upscaling fabrication methods to manufacture thousands of cells and electrodes for the proposed prototype device are presenting formidable challenges to the Energy Ink™ team within the UNSW laboratory alone.

To assist in overcoming these challenges, a company with expertise in printed electronics within the defence and health sectors was engaged in June 2024 to assist in transferring the technology out of the laboratory environment into an industrial setting. The objective is to successfully scale production from small-scale laboratory fabrication to a more automated process to enable larger numbers of cells to be fabricated. Subject to successful cell scaling, the program of work targeted towards providing a small charge to an electric vehicle will resume. AAM is working to overcome challenges in upscaling fabrication methods to manufacture thousands of cells and electrodes and the Company will update shareholders as appropriate.

100% owned Stealth Technologies (Stealth) is developing sensor fusion technology aimed at increasing underground mining profitability. Stealth and an Australian mining company continued to investigate a potential pilot program to deploy the technology underground. In June 2024, Stealth collected further data from the underground mine using its sensor fusion technology originally developed for the ASV (Automated Security Vehicle). The goal of the potential pilot program is to validate the Stealth technology in a real-world setting and demonstrate potential commercial benefits to future potential customers. No pilot program agreement has been formed to date.

Stealth also has an agreement with global software-industrial company Honeywell to progress the commercialisation of Autonomous Security Vehicles (ASVs) for perimeter security. Under the agreement, Honeywell is responsible for identifying, engaging, and maintaining customer relationships, procuring access to customer facilities, processing fees, and entering and maintaining agreements with customers to facilitate ASV Pilot Deployments. In June 2024, Stealth entered discussions for a further ASV deployment to an overseas customer under this agreement however, no commitment has been made or received at this stage.

100% owned Maria Resources (Maria) has further developed its strategy into drill testing at its Leviathan and Cyclops technology metals projects. Maria is undertaking significant desktop analysis of both projects (further explanation to be provided in the Company's upcoming quarterly report) and intends to conduct initial drill testing of the Cyclops project in Q4, 2024 subject to aboriginal access agreement and approvals from the Western Australian government. Data from Cyclops will be utilised to inform further potential work at the Leviathan project.

### **About Strategic Elements Ltd:**

Strategic Elements operates as a 'Venture Builder' by sourcing and combining teams of leading scientists or innovators. The Company majority funds the initial development of each Venture whilst seeking a major strategic investor/partner to assist research commercialisation. The Australian Federal Government has registered Strategic Elements as a Pooled Development Fund (PDF) with a mandate to back early-stage Australian innovation. The PDF program provides the Company with a highly beneficial tax structure for the Company and its shareholders. More information on the program can be found on the Company's website.

More Information:

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This announcement was authorised for release by the Strategic Elements' Board of Directors.

*Risks and Forward-Looking Statement*

*The Company's future success depends on its venture companies' successful development. The Company has had initial success with the development of Energy Ink™ technology and Stealth technology. However, given the nature of early-stage technology, it is susceptible to risks associated with early-stage R&D, such as the uncertainty of material science development, advanced technologies, intellectual property risks, materials engineering challenges, competition, fabrication challenges, access to required laboratory equipment and problems scaling up lab-based methods. There can be no guarantee that the assumptions and contingencies on which any forward-looking statements, opinions and development timeline estimates contained in materials published by the Company are based will ultimately prove to be valid or accurate. The forward-looking statements, opinions and estimates depend on various factors, including known and unknown risks, many of which are outside the control of the Company. Actual performance of The Company may materially differ from forecast performance.*

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