ASX Announcement (ASX: SOR)
Strategic Elements Ltd
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Key Energy Ink™ Moisture Energy Patent Granted in Japan

Strategic Elements Ltd (ASX: SOR) is pleased to advise that a patent covering key aspects of the Energy Ink™ moisture energy technology platform has been granted in Japan.

Energy Ink™ has the potential to change the economics and design constraints that have historically limited electronic functionality in many products, while enabling new categories of interactive electronics and user experiences.

Japan is particularly significant because it hosts globally recognised electronics manufacturing companies as well as having one of the world's most important consumer electronics markets. It is a market where high-volume products and packaging continually seek thinner, smarter and more differentiated functionality.

The Japanese patent grant is an important early-stage commercialisation milestone for Energy Ink™. It provides registered protection in Japan for specified elements of the original Energy Ink™ platform and supports the Company's initial commercialisation pathway in battery-free electronics, where coin cell and button batteries can be impractical due to size, safety and disposal constraints.

The patent grant provides a stronger foundation for future technical evaluation, application development and collaboration discussions with Japanese organisations as the Company advances development toward fully printed Energy Ink™ prototype devices.

Japanese Patent Position
Japanese Patent titled "Moisture Electric Generator Battery Cell", has been granted to Australian Advanced Materials Pty Ltd (AAM), a 100%-owned company of Strategic Elements. The patent provides protection in Japan for specified elements of the original Energy Ink™ platform, including defined functional material, moisture electric cell and preparation method aspects.

The Company continues to develop Energy Ink™ through additional material systems and manufacturing approaches. AAM has filed a Japanese divisional patent application directed toward composite functional layer concepts. That application remains pending examination.

Corresponding patent applications in the United States and Europe remain under examination, while examination has been requested for applications in Canada, China and Korea.

Japanese Research Connection
Japan is also relevant through Professor Dewei Chu, co-inventor of the granted patent and leader of the Energy Ink™ research collaboration at UNSW. Professor Chu previously worked at Japan's National Institute of Advanced Industrial Science and Technology (AIST) and was awarded a Japan Society for the Promotion of Science Postdoctoral Fellowship.

This background adds to the Energy Ink™ program's international foundation and supports future technical engagement and potential collaboration discussions within Japan's advanced materials and electronics ecosystem.

Multiple Development Pathways
Energy Ink™ is being advanced through complementary development pathways directed toward different potential product and device opportunities.

The Company's near-term commercial focus remains fully printed, battery-free Energy Ink™ prototype devices for thin, lower power electronic functionality in consumer products, packaging and related formats.

In parallel, the Company is progressing its previously announced **Engineered Moisture Pathway**, which underpins the breath-powered phone-call demonstrator. This program is investigating controlled moisture environments and system-level integration to accumulate and deliver moisture-derived energy to a reference mobile phone. **A separate operational update is expected to be provided to the market in the near term.**

Managing Director Comment
Strategic Elements Managing Director Charles Murphy said:

"Many products are manufactured in enormous volumes globally, yet remain passive because conventional batteries introduce thickness, assembly requirements, safety considerations and disposal obligations that can fundamentally change the end product."

"The grant of the Japanese Patent is an important milestone for Energy Ink™. It provides registered protection around defined aspects of the original material platform in a major international jurisdiction with globally significant electronics, materials and manufacturing capability."

About Strategic Elements
ASX-listed Strategic Elements (ASX: SOR) backs early-stage Australian innovation — where a single result can change everything™. The Company operates under the Pooled Development Fund program established by the Australian Federal Government to increase the supply of capital to Australian small and medium-sized enterprises through patient capital and tax incentives for eligible investors.

The structure provides flexibility to pursue opportunities at various stages of development and across a broad range of industries. The Company operates with no specific sector mandate, allowing it to identify, acquire and develop opportunities involving emerging technologies, business models, ventures and new fields of innovation across multiple sectors.

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

More Information
Charles Murphy: Managing Director - Strategic Elements Ltd
Phone: +61 8 9278 2788
admin@strategicelements.com.au
www.strategicelements.com.au

Forward-Looking Statements
This announcement contains forward-looking statements regarding the development, application and potential commercialisation of Energy Ink™ technology. These statements are subject to risks and uncertainties, including technical performance, reproducibility, material development, printing and device fabrication, packaging, integration, durability, access to collaborators, manufacturing scale-up and market adoption. No assurance can be given that Energy Ink™ will achieve commercial deployment or that any future collaboration will result in a commercial outcome.

Further information regarding the Pooled Development Fund program is available at the business.gov.au website. Investors should consider obtaining independent taxation advice.