

MARKET UPDATE

Panorama Synergy Limited (ASX: **PSY**) is very pleased to announce that we have achieved a major milestone in demonstrating the performance of a functional near-infrared spectrometer with an integrated Micro-Electro-Mechanical Systems (MEMS) tunable filter as the optical engine, representing the company's core intellectual property.

From a known sample, PSY's hand held prototype device has measured and displayed a high fidelity spectrum for the same wavelength interval as is measured on an expensive, high performance laboratory spectrometer.

This is a major milestone for PSY's goal of introducing a MEMS based NIR spectrometer into the commercial market.

A third, more sensitive prototype portable spectrometer is planned for completion in the September quarter with field trials for key potential Australian and international customers expected to commence shortly thereafter. The Prototype will also be demonstrated as proof-of-concept to other potential customers as identified by the Company.

This exciting outcome validates the Company's continued investment in ongoing research and development ('R&D') of its MEMS micro-spectrometry platform. The R&D activities and outcomes continue to progress in line with expectations.

The Company's micro-scale MEMS spectrometry sensors are able to be mounted into portable devices allowing use 'in-the-field' by operators so providing considerable commercial advantages over costly and time consuming laboratory based spectrometers.

The unique technical and commercial advantages of the Company's MEMs technologies provide for potential widespread application across agriculture, defence, security, medical devices, pharmaceuticals, industrial control processes, and other industries.

Panorama Synergy (ASX: PSY) is a technology company focused on the commercialisation of two leading-edge developments in sensor technology: microelectromechanical systems (MEMS) and MEMS-based spectroscopy (micro spectroscopy). The Company's best-in-class proprietary technology in MEMS sensors provides valuable exposure to the growing multi-billion-dollar MEMS, spectroscopy, sensors and Internet of Things (IoT) markets

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