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Groundbreaking Partnership

by Reuben Gunal

MIMOS and Oracle Sign MoU to Develop Sensor-Based Grid for Agricultural Industry

Dato' Abdul Wahab Abdullah and K. Raman



The future is looking increasingly bright for Malaysia's agriculture sector as Mimos and Oracle declared a Memorandum of Understanding to jointly develop and deploy a Sensor Grid pilot project for the agriculture business sector.

The Sensor Grid pilot project falls under the KnowledgeGRID Malaysia initiative by the Ministry of Science, Technology & Innovation (MOSTI) and spearheaded by MIMOS. It is an initiative that's keeping in line with the 9th Malaysia Plan and is aimed at making a national information technology utility service for research, education and commercial purposes a reality.

The pilot project involves the planned

integration of Oracle Fusion Middleware and Oracle Database technologies with the precision sensors developed by MIMOS. Oracle's technologies will come into play in the real-time collection, storage and processing of information from the 3,000 Precision Agriculture Micro-Electro-Mechanical Systems (MEMS) sensors from MIMOS. The information gathered will then be applied to develop applications for the preventive and proactive management of the agriculture business, including real-time crop monitoring, analysis, proactive and preventive care solutions for the agriculture industry.

"The commercial potential for an agricultural Grid solution is tremendous in Malaysia where the agricultural sector is a

key generator for economic growth. This KnowledgeGRID Malaysia initiative will take agriculture in Malaysia to the next level, in line with the vision of the 9th Malaysia Plan," said Dato' Abdul Wahab Abdullah, MIMOS President & Chief Executive Officer.

K. Raman, Managing Director of Oracle Corporation Malaysia said, "We are seeing impressive adoption of Grid computing from around the region and the world, yet what MIMOS is doing today is possibly one of the most groundbreaking." He added, "Oracle is delighted to support the KnowledgeGRID Malaysia initiative and is very excited to be working with MIMOS to help develop a national infrastructure that maximises computing resources to accelerate research and industrial development for national