



**For Immediate Release**

**MIMOS AND QT HIGHTECH COLLABORATE ON  
FRONT-END SEMICONDUCTOR VALUE CHAIN**

*Collaboration to beef up Malaysia's capabilities at the front-end of the semiconductor value chain and complement current expertise in back-end process involving assembly and packaging*

**KUALA LUMPUR, 15 NOVEMBER 2010** – MIMOS the premier applied research centre in frontier technologies and QT Hightech Malaysia Sdn Bhd signed a Memorandum of Agreement (MoA) today to formalize its collaboration for front-end semiconductor value chain activities.

The collaboration is in line with Malaysia's New Economic Model (NEM) aimed at enhancing process capabilities, semiconductor industry competitiveness, innovative competitive supply chain and skills development as well as promoting university involvement.

An enhanced innovative and competitive supply chain will create value for other local supporting semiconductor industries such as raw material suppliers, chemicals & gasses producers, equipment manufacturers and spare-parts/tools suppliers.

"While Malaysia is a leader in back-end semiconductor value chain activities, we need to shift the focus towards front-end activities to move up the value chain and produce higher value-added products and services which in turn will create room for investment growth for the country," said Dato' Abdul Wahab Abdullah.

In addition the collaboration is expected to result in more talent engineers and ensure Malaysia is able to support new start-up companies and universities to develop their prototype products through multi project wafer (MPW) prototyping and manufacturing services.

## **MIMOS Wafer Fab**

MIMOS Wafer Fab is the pioneer semiconductor wafer fabrication plant and foremost microelectronic products and services provider in Malaysia. The two state-of-the-art wafer fabrication plants offer wafer fabrication services, failure analysis, multi project wafer (MPW) programme, wafer testing, wafer fabrication training, and full turnkey support.

Wafer Fabrication Plant 1 (Fab 1) is dedicated for research and development (R&D) in Micro Electromechanical Systems (MEMS) and Nano Technology and provides process technologies library, Intellectual Properties (IPs) and manufacturing services to MIMOS' partners and customers; while Fab 2 operates at medium volume capacity of eight-inch wafers.

MIMOS Wafer Fab serves international and local foundry customers in Taiwan, Korea, Singapore and the United States for 0.35 micron and above technologies MEMS processes and customised processes and assists universities in developing integrated circuits highly sophisticated electronic logic and control devices.

The drive for quality and reliability inherent in MIMOS' culture, is built into the fab processes from the start to minimize fault, ensures timely defect analysis and the highest standard and quality of products reaches customers.

At the signing ceremony, MIMOS was represented by its Chief Operating Officer, Abdul Aziz Abdul Kadir, while QT Hightech Malaysia was represented by its Chief Executive Officer, Charlie Yoon Yo Gung. The event was witnessed by Deputy Minister of Science, Technology and Innovation, Datuk Haji Fadillah Yusof.

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### **NOTE-TO-EDITOR**

*MIMOS is known as MIMOS and not Malaysian Institute of Microelectronic Systems.*

### **About MIMOS**

MIMOS is the premier applied research centre in frontier technologies aimed at growing globally competitive indigenous industries. MIMOS pursues exploratory and industry-driven applied research through multi-stakeholder smart partnerships with local and international universities, research institutes and industries and the Malaysia Government with a focus on frontier technologies. MIMOS' applied research / technology areas are refined into nine (9) technology clusters – Grid Computing, Knowledge Technology, Information Security, Wireless Communications, Micro Energy & MEMS, Nano Electronics, Advanced Informatics, Green Technology and Advanced Analysis and Modelling (ADAM). MIMOS' focus is on transferring or licensing MIMOS technology platforms to qualified indigenous companies towards growing globally competitive local industries.

MIMOS is the first Government agency and among the top 100 elite organizations worldwide to obtain Capability Maturity Model Integrated (CMMi) Level 5 certification.

MIMOS is the recipient of five (5) International, Invention, Innovation and Technology (ITEX) Award 2010 – three (3) Gold awards under the Materials, Environmental and Renewal Energy, and Telecommunications categories and two (2) under the Wireless and Chemicals categories. MIMOS is also the recipient of two (2) National Intellectual Property Award 2009 under the 'Trademark' and 'Industrial Design Award' categories and three (3) Malaysia Good Design Mark Awards 2008 under the 'Media and Home Electronics' category. The organisation also won the Asia HRD Congress 2008 Award under the 'Contribution to the Organisation' category for outstanding contribution to the field of Human Resource Development and the Frost & Sullivan's Growth Excellence Award 2007 for Industry Innovation & Advancement (Precision Agriculture) for its application and development of Micro Electro Mechanical System (MEMS) in the field of precision agriculture.

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