



## **For Immediate Release**

### **INNOVATION & RESEARCH AND DEVELOPMENT: KEY DRIVERS FOR AN INNOVATION-LED ECONOMY**

**KUALA LUMPUR, 21 JUNE 2010** – MIMOS, the premier applied research centre in frontier technologies, believes that innovation and research and development (R&D) are the key drivers towards making Malaysia’s vision of becoming an innovation-led economy a reality.

In an effort to ensure the Government’s target to increase Gross Expenditure on R&D (GERD) to one percent of gross domestic product (GDP) by 2015, as outlined in the recently-tabled 10th Malaysia Plan is achieved, innovation and R&D are crucial, both for individual organisations and for the Malaysian economy as a whole.

“Innovation begins with ideas, but ideas need to be transformed into useful commercial and social outcomes. Therefore, more importantly is the need to establish a robust innovation ecosystem - one that encompasses not only knowledge inputs but also incorporates all relevant factors and stakeholders that focus and generate customer value creation,” said Dato’ Abdul Wahab Abdullah, President & CEO, MIMOS.

The fundamental enabler in an innovation-led economy and a constituent part of the innovation process - characterised as work that increases the stock of knowledge or results in the creation of new products – is R&D. The introduction of new products or processes and/or improvements to existing products and/or processes is a prerequisite for organisations to survive and grow in an increasingly globalised and competitive environment.

“It is heartening to note that under the recently-tabled 10<sup>th</sup> Malaysia Plan, the government will support R&D and commercialisation across the value chain in recognition of the need to accelerate the transition from ideas and research to production and market of high-technology products,” said Dato’ Abdul Wahab.

This is also in line with the key economic areas (NKEAs) identified in the 10MP which outlines information and communications technology (ICT) as one of the 11 sectors as the key enabler to ensure Malaysia moves from being a net importer to a niche producer and net exporter of ICT products and services in line with the Government’s target to increase ICT contribution to GDP to 10.2% by 2015.

Towards this end, MIMOS undertakes market-driven applied research to create globally competitive indigenous industries through licensing and commercialisation of MIMOS technology platforms which are further developed by recipient companies into technology verticals to create new products.

To date, MIMOS has 810 patent disclosures and counting, and 365 patents filed to date. MIMOS had the highest number of IPs filed at the Intellectual Property Corporation of Malaysia (MyIPO) in 2009 amongst research institute. MIMOS was recognized at the National IP Award 2009 with the National Intellectual Property (NIP) Award 2009 — Trademark category for Knowledge Grid Malaysia, and National Intellectual Property (NIP) Award 2009 — Industrial Design category for WiWi Access Point.

MIMOS develops vertical technology platforms for the indigenous industries for integration into their existing product lines and/or to further develop into products and solutions in line with market demands.

MIMOS’ R&D focuses on nine technology clusters namely Advanced Informatics, Advanced Information Security, Advanced Analysis and Modeling, Green Technology, Grid Computing, Knowledge Technology, Micro Systems & MEMS, Nano Electronics and Wireless Communications.

“MIMOS’ ultimate goal is to drive technology from a tool (maximizing the utility of the technology) to an enabler (integrating multiple technologies and domain knowledge to form one system) and subsequently as a sector (pushing for technology to be

adopted as standard),” said Dato’ Abdul Wahab.

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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 - Knowledge Grid, Knowledge Technology, Information Security, Wireless Communications, MEMS, Advanced Informatics, Green Technology, Nano and Advanced & Analysis Modelling (ADAM)

MIMOS’ focus is on driving globally recognized Centres of Excellence to promote and license MIMOS technologies or IPs to qualified indigenous ICT companies to strengthen their abilities to compete globally and move Malaysian ICT industry higher up the value chain.

MIMOS is 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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