



For Immediate Release

**MIMOS & THE FRENCH NATIONAL CENTRE FOR
SCIENTIFIC RESEARCH IN COLLABORATION TO
DEVELOP SEMANTIC TECHNOLOGY PLATFORMS**

KUALA LUMPUR, 8 JANUARY 2009 – MIMOS and the French National Centre for Scientific Research (CNRS), via its research entity The Montpellier Laboratory of Computer Science, Robotics, and Microelectronics (LIRRM), today signed a Memorandum of Agreement (MoA) to their collaboration for the development of Semantic Technology platforms.

Under the MoA, LIRMM will provide high-level training in Artificial Intelligence (AI) for the Knowledge Technology Cluster at MIMOS. In addition, LLIRM will offer high level guidance to the use, adaptation and possible extensions to several graph-based visual tools for building conceptual graph knowledge databases, namely CoGITaN and CoGUI, developed by LIRMM. The Knowledge Technology research team at MIMOS will be utilizing extended versions of these tools for the development of next generation Semantic Technology.

“Semantics Technology holds great promise to solve corporation’s biggest nightmares and managing customer information is just one good example of the kind of service that could prove semantic technology’s promise. It has the potential to deploy intelligence into applications for across verticals including business and financial; agriculture; medical; automotive; and public safety,” said Dr Dickson Lukose, Head, Knowledge Technology Cluster, MIMOS.

The ICT market space for Semantics Technology between 2006 and 2015 is projected at USD283B. Whilst the technology’s market share in 2006 was USD2B, in 2010 it is expected to rise to USD52B, with the Asian market taking up the share at USD12.6B.

Ultimately, the collaboration between MIMOS and CNRS is expected to result in positioning MIMOS as a leading applied research center in Semantic Technology in line with MIMOS' mission to grow globally competitive indigenous industries.

MIMOS Semantic Technology Platform

MIMOS is collaborating with various foreign universities and organizations to drive the Semantic Technology industry for the nation in its efforts to ensure Malaysia is recognised as the first Web 3.0 society in the world.

MIMOS currently is in collaboration with the German Research Center for Artificial Intelligence (DFKI), Germany; KNOW-CENTRE, University Technology Graz, Austria; Hong Kong Polytechnic University, Hong Kong; University Montpellier II, France; University of Calgary, Canada; Franz Inc., USA; Vivomind Inc., USA; and Knowledge Networks Inc, Australia to develop semantic technology platforms.

MIMOS has also established a Centre of Excellence (CoE) in Semantic Technology, in collaboration with local and foreign universities and industry players, aimed at enhancing the utilization of ontology and Semantic Web technologies to automate the collection, modeling, organization and retrieval of knowledge. MIMOS has also established a joint research lab at University Malaysia Sarawak (UNIMAS) and is specifically working with UNIMAS' Faculty of Cognitive Science and Human Development, and Faculty of Computer Science and Information Technology, as well as with University Malaysia Sabah (UMS) School of Engineering and Information Technology.

Semantics is the study of meaning; while Semantic Technologies include software standards and methodologies that are aimed at providing more explicit meaning for the information at one's disposal. Semantic technology enables computers to achieve a higher degree of 'understanding' the meaning of the information they process; thereby providing users with better opportunities to navigate through the vast amount of information and to find facts in unlimited volumes of documents, Internet resources and services.

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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 eight (8) technology clusters - Knowledge Grid, Knowledge Technology, Information Security, Wireless Communications, MEMS, Advanced Informatics, Micro Energy and Nano Clusters.

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 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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Media Contacts

Tina Suryani Melan

MIMOS Berhad

+60.3.8995.5246 / +60.12.340.1108

tina.suryani@mimos.my

Amal Koay / Ferina Manecksha

Hill and Knowlton for MIMOS

+60.3.2026.0899

+60.12.377.9414 / +60.12.329.2558

amal.koay@hillandknowlton.com.my

ferina.manecksha@hillandknowlton.com.my