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Innovation Accelerators: Promoting Collaboration and Developing Innovation Eco-System

Submitted by: Agensi Inovasi Malaysia (AIM)



**Conference on Innovation and Trade:
Policy Considerations Related to
Generating and Absorbing Innovation
Singapore
4-5 April 2012**



APEC Conference on Innovation and Trade
Policy Consideration Related to Generating and Absorbing Innovation
The Sands Expo and Convention Center, Singapore
4-5 April 2012

Session 5 – Promoting Interconnectedness and Fostering Innovation

Innovation Accelerators: Promoting Collaboration and Developing Innovation Eco-System



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  **Transformation into the Innovation Economy**

Catalyst For Growth

Factor-driven economy → **Investment-driven economy** → **Innovation-driven economy**

Input cost *Efficiency* *Unique value*

- Traditionally: Land, Labour and Capital
- Today : Innovation-Driven Economy

- Building “Innovation Nation” - not merely a Nation of Inventors
-but more to a Mind-Set change





Establishment of Agensi Inovasi Malaysia (AIM)



AIM has two clear objectives that provide the foundation for the innovation blueprint:

- to bring about holistic societal well-being through the cultivation of the innovation eco-system
- to drive the national innovation agenda to generate new-wave wealth



Agensi Inovasi Malaysia (AIM) is a statutory body set up by the Government via AIM Act 2010, with the primary purpose of being the driving force behind Malaysia’s push towards establishing an “innovation economy” and the economy’s aspirations of achieving a high-income nation status.

Mission

To stimulate and develop the innovation eco-system in Malaysia towards achieving Vision 2020

- AIM’s role to coordinate and facilitate
- Innovation cuts across Academia, Industry, Government and the “People”



National Strategy: Innovating Malaysia

Innovating Malaysia – The Framework

Develop PRIs and COEs that are world-class in niche areas

Develop companies with distinctive capabilities through Innovation for Global penetration

Galvanise the Rakyat to push the envelope and out-perform themselves

Shoot for the Stars

Build FutureSkills in the Education System, IHLs, the Private Sector and Government

Nurture and Develop Intellectual Capital

Organise Seamless “Line of Sight” Funding for Innovation

Innovation Building Blocks

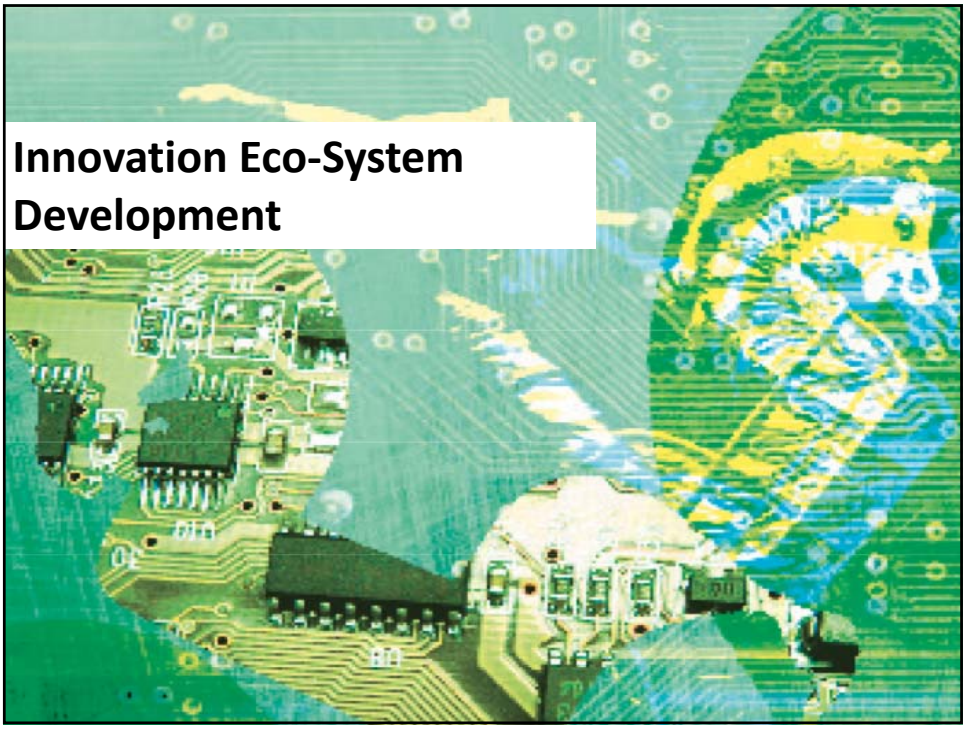
1Malaysia Inclusiveness

Open Innovation through Quadruple Helix Collaboration


Innovation Enablers

Multi-Platform ICT Technologies to engage the Digital Citizen

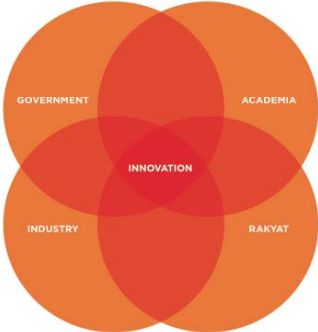





Innovation Eco-System Development



Open Innovation: Triple / Quadruple Helix Model



- Quadruple Helix Model (QHM) is an improvement on the “Triple Helix Model”, which popularised the interaction between industry, academia and government.
- (QHM) adds another dimension that is equally important today – the people “Rakyat”.



AIM foster the adoption of these models through Public-Private partnerships by setting up of Triple Helix Alliance (AIM-THX Alliance) towards societal well-being which also benefits the ‘Rakyat’



AIM Triple Helix Alliance (AIM-THX Alliance)



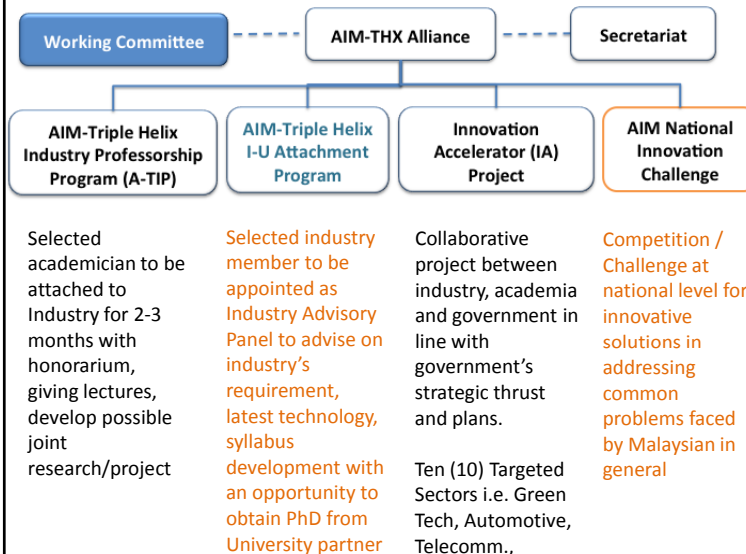
AIM-THX ALLIANCE WORKING COMMITTEE

An independent alliance to promote innovation through collaborative projects between industry – academia - government, focusing on National Key Economic Areas (NKEA) for human capital and innovative nation building

Government, Industry, Academia and the “People” can no longer afford to innovate in silos....



AIM-THX Alliance: Programs





Eco-System Development: InnoAccelerator (Project Example 1)

Green Technology



Project Objectives:

- To create Innovation in the field of EV and Green Energy
- To increase public awareness on EV and Solar Energy
- Development of human capital
- To study future regulatory mechanisms between the solar players, vehicle corporations and government

Partners



Eco-System Development: InnoAccelerator (Project Example 2)

Automotive





Project Mission:

- To prepare and equip future automotive engineers for Green Technology Architecture in line with the National Green Technology Policy and National Automotive Policy on EV


Partners





  **Recommendations on Moving Forward**

- Fostering more public-private partnerships **regionally** by adopting Triple & Quadruple Helix Model
- Build network and **alliances** to promote effective eco-system within APEC economies on innovation and trade
- Encourage and embrace **synergy** between APEC economies to utilise innovations in an open, free, fair and transparent trading environment





Thank You

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