



# MALAYSIA'S INNOVATION ECO-SYSTEM

## TII Innovating Innovation Conference 2015

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## Introduction

Innovation: Wealth Creation

*“Innovation is the specific instrument of entrepreneurship. The act that endows resources with a new capacity to create wealth.”*

- Peter Drucker, renowned management consultant





# Innovation led-economy

Transforming of eco-system to enable innovation to thrive



Agriculture-based Economy



Industrial & Service-oriented Economy



Innovation Economy



# Innovation Challenges in Malaysia

Key challenges in fostering a culture of innovation

Mismatch of skill-sets between what the universities provide with competency required by industry.



Organisations do not see the return on innovation (ROI) clearly.



**GREAT IDEA**



Perception that innovation requires large investments. Reality – innovation happen at all level.



Mindsets need to change. Talents must have the ability to adapt to change.



## Established from 2010

The establishment of Agensi Inovasi Malaysia



Agensi Inovasi Malaysia was set up through an Act of Parliament in December 2010. AIM is administered by a 17-member Governance Council chaired by the Honourable Prime Minister



## Strategy from ground zero

Agensi Inovasi Malaysia's Mandate

*“Nurture and **foster** an innovation eco-system, becoming the **foundation** that provides the necessary infrastructure and programmes to **produce** a new generation of innovative entrepreneurs and industry leaders.”*





# Innovation: the six approaches

Creating Wealth Through Innovation





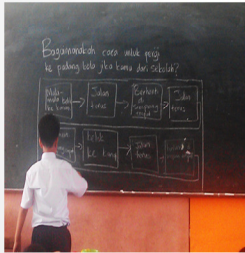
# 1. Cultivate A Thinking Culture

Next generation to think critically and creatively



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450,000  
Teachers

Rolling out to  
8,050 schools



1,259

Innovation  
Ambassadors



## 2. Innovation For And By Society

Social innovation and citizen empowerment



3,500  
Ideas

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25  
Solutions  
Implemented



Public-Private  
Partnerships

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Social  
Interventions  
Solutions



50  
Mentors

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1,000  
Protégés



## 2. Innovation For And By Society

Social innovation and citizen empowerment



6 Challenges Completed in 2014

1 Grand prize winner, Audiowing, received incubation and seed funding of RM260k to commercialise.



1 StoryMakers League Book Published



3 products identified with commercialisable potential



Public-Private Partnerships

Social Interventions Solutions



50 Mentors

1,000 Protégés



### 3. Facilitate Industry-Academia Collaboration

Collaboration between the academia and industry producing commercial ready IP



Sources of Knowledge



**Steinbeis**  
Malaysia Foundation



Industry (SMEs)  
as clients



## 4. Transforming Strategic Sectors

Transform identified strategic sectors of the future



### National Biomass Strategy 2020

<b>Target GNI</b> RM30 billion	<b>Job Opportunities</b> 66,000 jobs	by	<b>Year 2020</b>
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### National Graphene Action Plan 2020

<b>Potential GNI</b> RM20 billion	<b>Job Opportunities</b> 9,000 jobs	by	<b>Year 2020</b>
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## 5. Innovating Organisations

Support mid-size and large organisations on innovation



### NCII



Increase Malaysia's Global Ranking



Quantify Innovation Investment & Returns



Expedite Growth of Companies



Assist Organisations to Leverage on Intellectual Capital

### ICFC



Avenue for companies to obtain funding



Focus on IC instead of relying on tangible assets



Innovation translate to GNI



Innovation translate jobs creation





## 6. Catalyse Commercialisation

Selective investments to catalyse new ventures and startups



PlatCOM facilitates any segment of the entire commercialisation process (end-to-end)



Creation of global success stories by working & investing in companies that show potential to commercialise world-class innovation.



# Malaysia's Innovation Eco-system

Sustainable Innovation



Cultivation of thinking culture



Transforming strategic sectors



Innovation for and by society



Innovating Organisations



Facilitate industry-academia collaboration



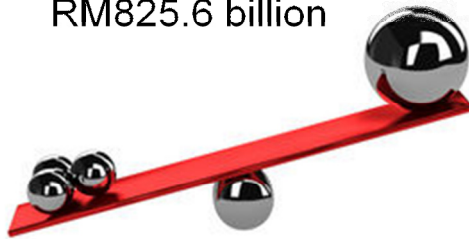
Catalyse Commercialisation



1990 GDP:  
RM115billion

2014 GDP:  
RM825.6 billion

Vision 2020 GDP:  
RM920 billion



Source: [Pemandu](#) and [IDFR](#)



**THANK YOU**

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