



Keynote Speech

Malaysia: Perspectives and Expectations in Technology Transfer

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Research Institutions on Creating an Enabling Intellectual Property (IP) Environment for
Technology Development, Management and Commercialization*

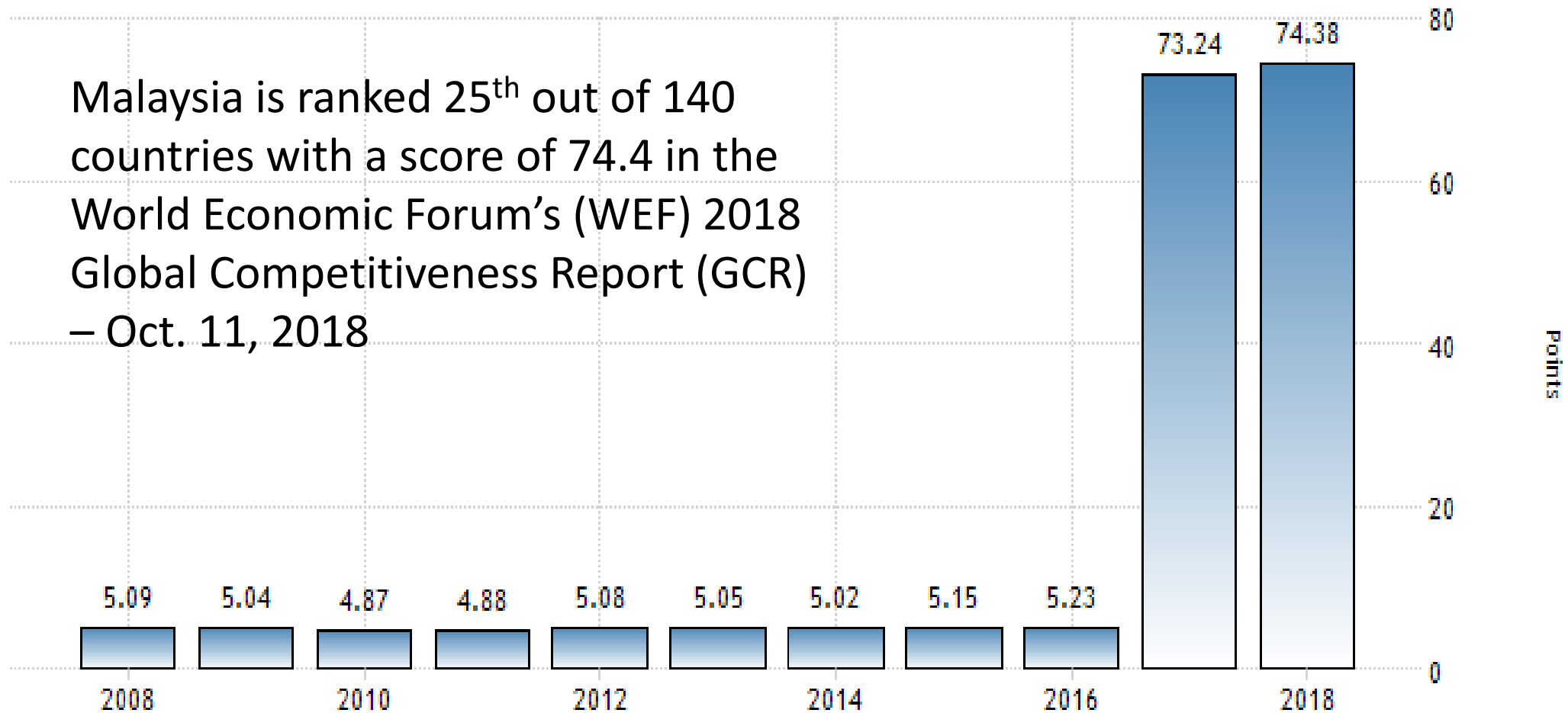
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Progress & Highlights

International Benchmarking: Global Competitiveness Report

MALAYSIA COMPETITIVENESS INDEX

Malaysia is ranked 25th out of 140 countries with a score of 74.4 in the World Economic Forum's (WEF) 2018 Global Competitiveness Report (GCR) – Oct. 11, 2018



Source: tradingeconomics.com | World Economic Forum

Progress & Highlights

International Benchmarking: Gross Expenditure on R&D (Percentage of R&D)

	2010	2011	2012	2013	2014	2015
Australia	2.19	2.12	2.12	2.11	2.11	1.88
China	1.71	1.78	1.91	1.99	2.02	2.07
Malaysia	1.04	1.03	1.09	1.19	1.26	1.3
Taipei	2.8	2.9	2.95	3	3	3.5
Singapore	2.02	2.15	2.01	2.01	2.2	2.3
South Korea	3.45	3.73	4.02	4.15	4.28	4.23

For Malaysia, while public expenditure increased steadily in line with the National Policy on STI, Business Expenditure on R&D (BERD) did not keep up with the pace, resulting in minimal increase of the country's overall GERD

National STI Landscape

23	Ministries	}	268 Actors
157	Agencies under respective ministries		
27	STI Related councils		
	- 1 international council		
	- 10 councils chaired by Prime Minister		
	- 16 national councils		
16	Agencies under Prime Minister's Department		
20	Public Universities		
6	Intermediaries		
14	State government and federal territories		
5	Economic corridors		
46	Active, STI-related national policies		

Examples of Technology Transfer Initiatives



- ❑ 303 products/services/technologies commercialised
- ❑ More than 48 strategic partners within 2016-2018
- ❑ RM290 Mil sales revenue were reported

Source: MCY Secretariat, MESTECC

MESTECC



(File pix) PSP's Innovation Promotion and Marketing Division Translational Research And Innovation Programme head, Mohamad Fakri Zaky Ja'afar, with National Best Intellectual Property Management awards won by Universiti Putra Malaysia through the years. Pix by Mohd Khairul Helmy Mohd Din

Source: NST, October 17, 2018

UPM



Source: MyIPO's Website

MyIPO

The Strategic Moves

Wealth Creation Through Science & Technology

Collaborate with the industries & focus on demand-driven actions/strategies

- Commercialise technologies into market
- Increase productivity of the industry through science & technology application
- Provide a world class science & technology services through **shared facilities, shared researchers and fund rationalisation**



The Strategic Moves

Strengthening the Growth Sector and Reforming Structures

- The momentum of economic growth will be reinforced by stimulating economic activities and promoting private investment. Focus will be on strengthening the fundamentals of economy based on innovation, creativity and high value-added activities towards increasing productivity and industry competitiveness.
- **The services sector ...** create a dynamic ecosystem, promote the adoption of the latest technology and e-commerce and leverage the digital platform to promote products and services to penetrate the international market.



Thank You!