



Innovating with Asia 2014

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Background Focus Perspective Concept

The Malaysia Automotive Institute (MAI) is an agency of the Ministry of International Trade and Industry (MITI)

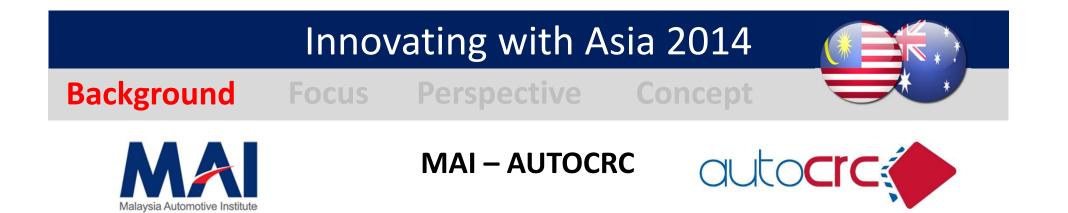
- We are a **think tank**, tasked with **strengthening** the Malaysian Automotive Industry
- An Intermediary between stakeholders in Malaysia's automotive community
- We Formulate policies & perform research on the industry COMPONEN VENDORS • We also develop human capital & coordinate between public and private sectors CONSUMERS CAR MANUFACTURERS GOVERNMEN BODIES ACADEMI AFTER SALES RESEARCH HUMAI 3 DEVELOPMEN AT MAI WE'RE ALL ABOUT



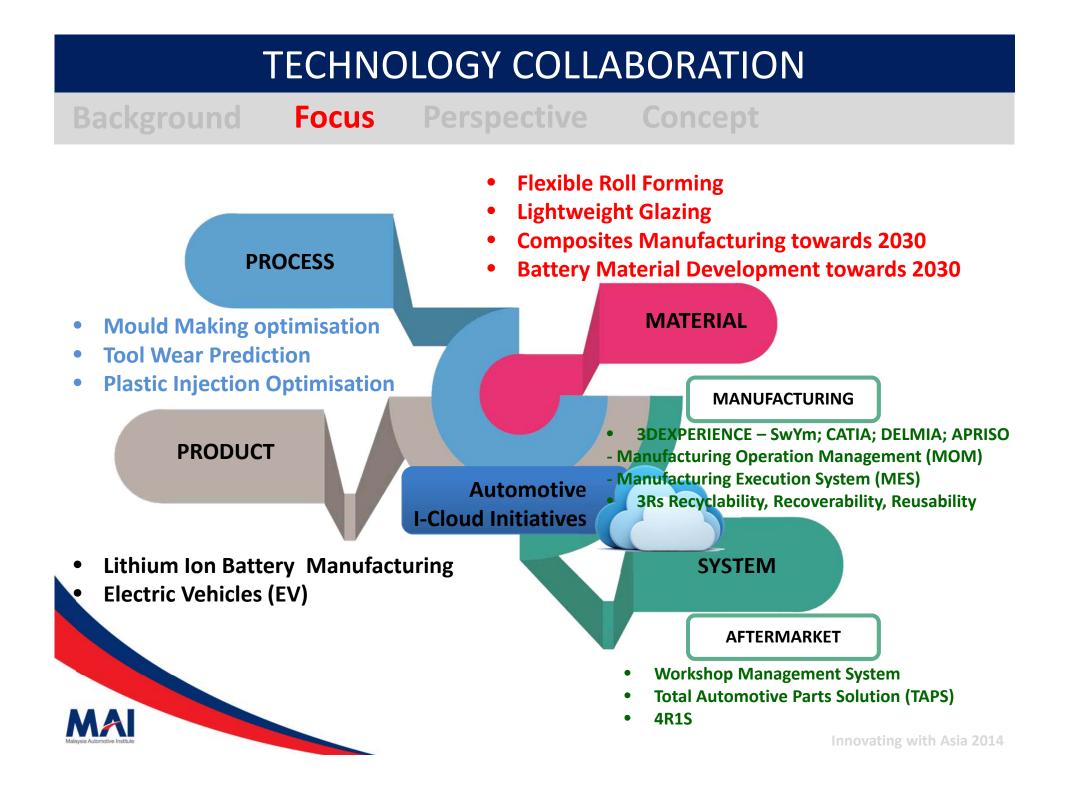
MAFTA

- The Malaysia-Australia Free Trade Agreement (MAFTA), which will come into force on 1st January 2013, was ceremoniously signed on the 22nd of May 2012, by the Minister of International Trade and Industry of Malaysia, Dato' Seri Mustapa Mohamed, and Minister for Trade and Competitiveness of Australia, The Honourable Dr. Craig Emerson at Mandarin Oriental Hotel, Kuala Lumpur.
- The agreement covers various trade activities which are goods and services, investment, economic and technical cooperation and intellectual property rights. The agreement among others underlines the commitment of Malaysia to eliminate its import duties progressively on 99% or 10,000 tariffs by 2020 while Australia commits to a 100% elimination of tariffs upon the agreement is enforced.





- MAI signed as a member of AutoCRC and represents the automotive industry players in Malaysia. The position of MAI in AutoCRC became strong with the appointment of MAI CEO as a member of AutoCRC Board Director.
- AutoCRC, an independent company was established in 2005 to assist the Australian automotive industry to improve its global competitiveness through the development of new technologies sought by Australian and overseas vehicle producers. AutoCRC was successful in obtaining funding from the Commonwealth government for a further 5 years of research until 2017. The members of AutoCRC comprises of Australia universities, Australia Research Institution, Australia automotive companies and international participants. As of now, 32 organizations are the members of AutoCRC including MAI.



TECHNOLOGY COLLABORATION

Background

Focus

Perspective Cor

Concept

Code	Research	Theme	Project Title	Project	Period	Parties Involved	
	Program			Description	(months)	MAS	AUS
1-111	1 – Vehicle Electrification	1.1 – Breakthrough Battery	Development of Electrodes and Electrolytes for Lithium Ion Battery	A composite anode materials with compatible binder and ionic liquid-based electrolyte	36	MAI	AutoCRC UoW UTS
1-112	1 – Vehicle Electrification	1.1 – Breakthrough Battery	Battery Charge, Mechanical and Thermal Management System Development	A battery charge, mechanical and thermal management system	36	MAI	AutoCRC UoW SUT
1-113	1 – Vehicle Electrification	1.1 – Breakthrough Battery	Lithium Ion Battery Module Packaging and Testing	A battery packaging that reliable for testing	36	MAI	AutoCRC UoW UTS

PROJECTS ++

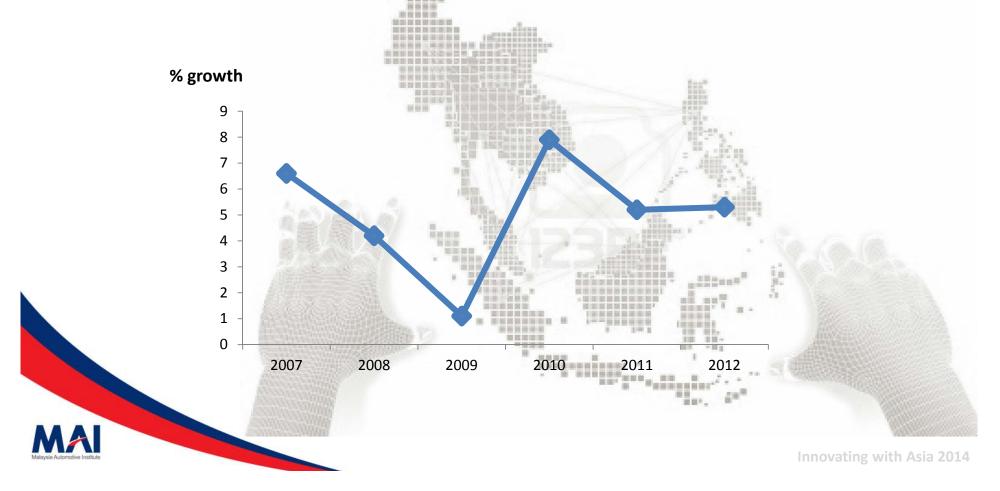


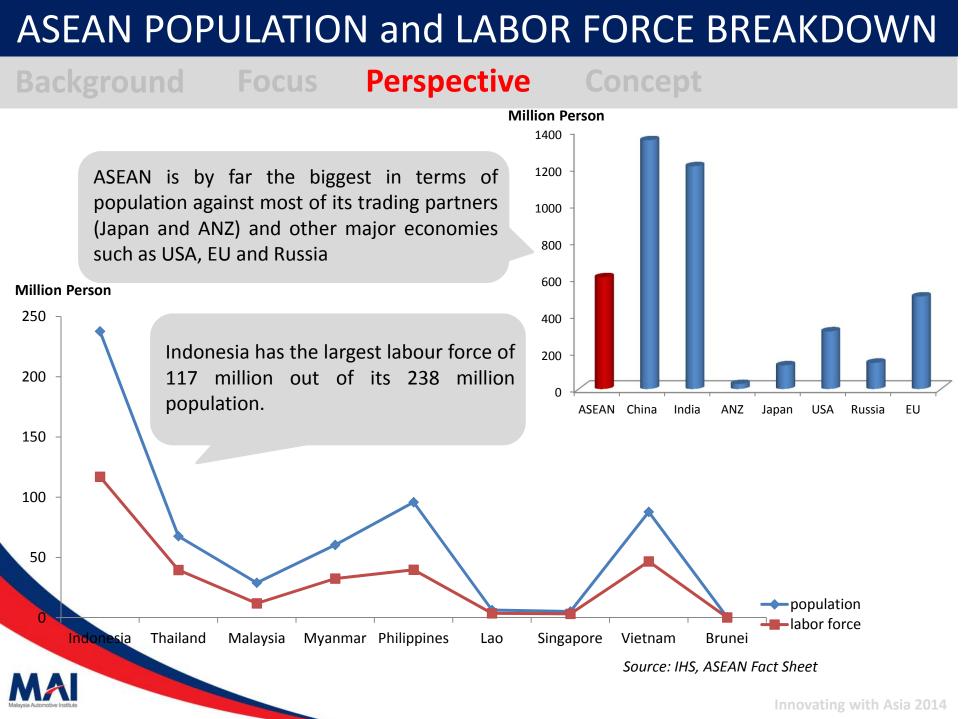
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ASEAN ECONOMIC GROWTH

Background Focus Perspective Concept

ASEAN, with GDP growth of 5.3% in 2012, is forecasted to double its economic growth by 2020. The nominal GDP of the regional bloc will increase from current USD2 trillion to USD4.7 trillion. Frontier markets such as Vietnam and Myanmar are opening up, while Indonesia is expected to continue to grow.



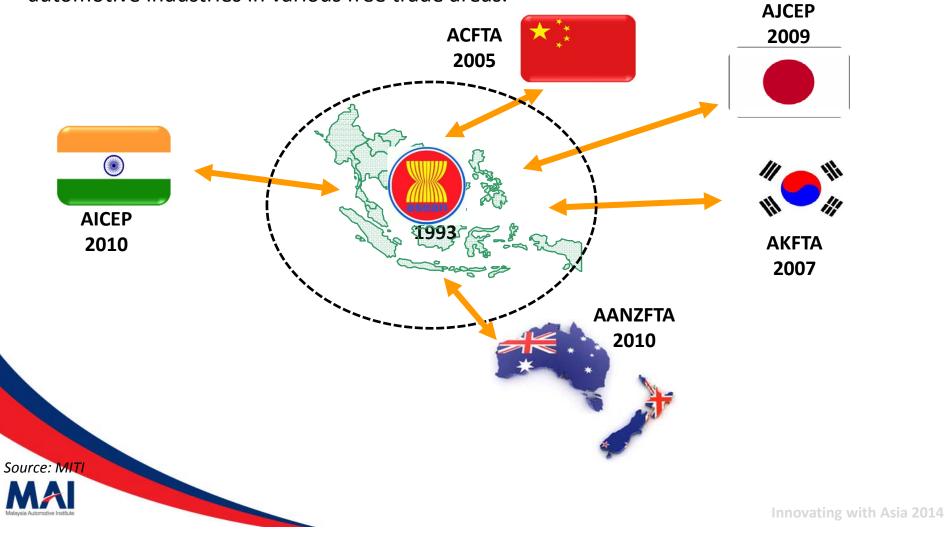


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ASEAN ECONOMIC PARTNERSHIPS

Background Focus Perspective Concept

ASEAN is a strategic economic bloc for the automotive-related investment with growing economic partnerships bilaterally and multilaterally, creating business opportunities for automotive industries in various free trade areas.

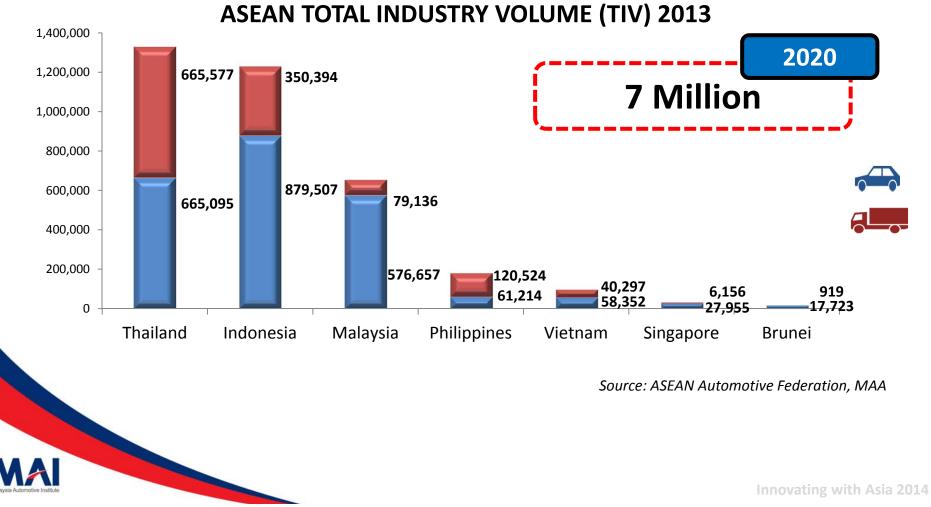


ASEAN AUTOMOTIVE MARKET

Background Focus Perspective Concept

ASEAN automotive market has grew by 2.2% in 2013, with combined vehicle sales of 3.54 million units.

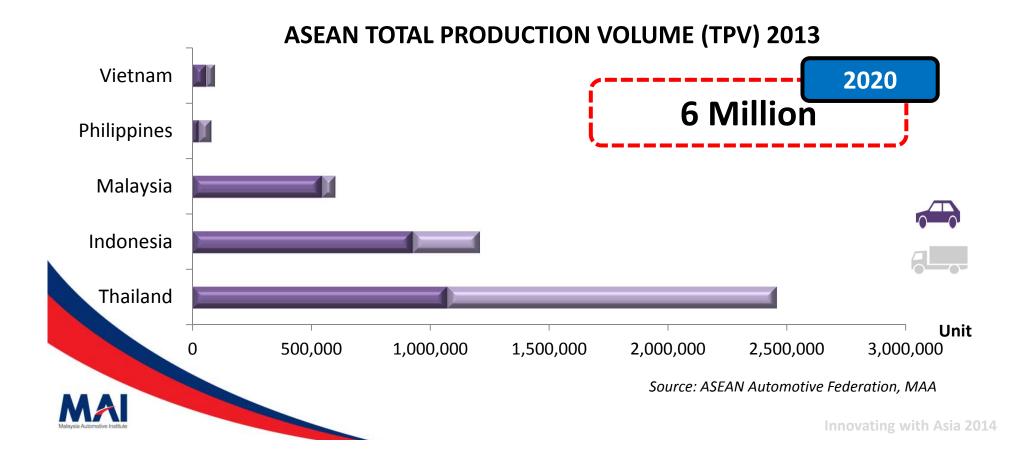
Unit

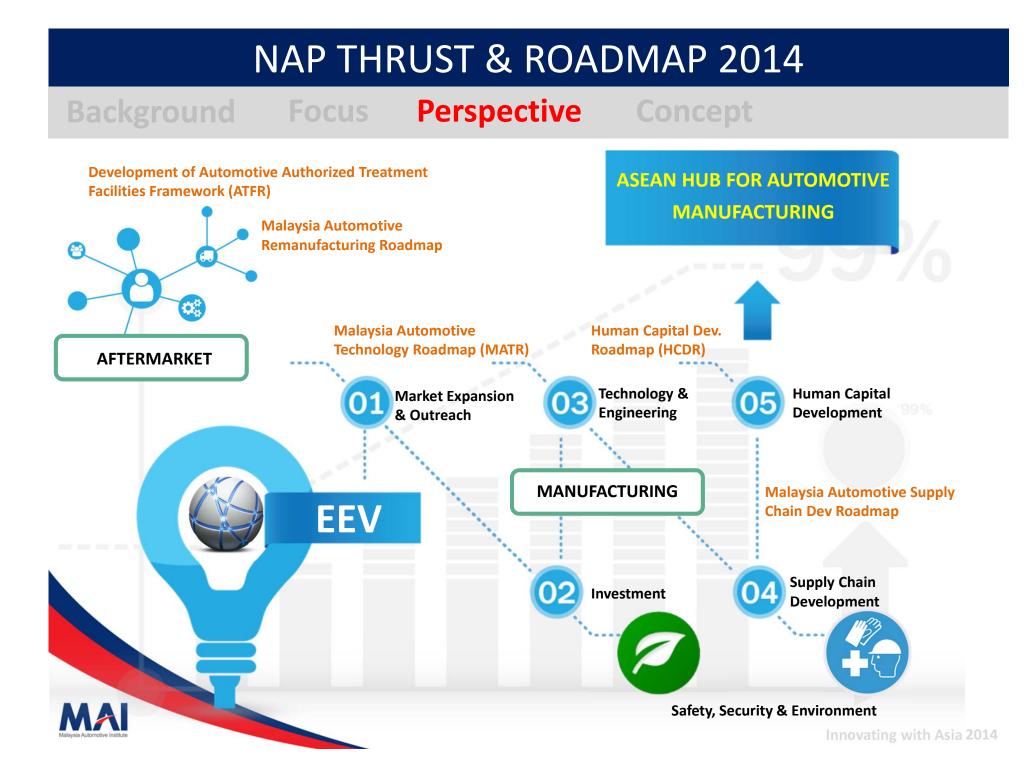


ASEAN AUTOMOTIVE MARKET

Background Focus Perspective Concept

The vehicles production in ASEAN has further increased to 4.43 million units in 2013, a 5% growth in comparison to 2012. Thailand's vehicle production accounted for about 55.3% of total ASEAN production, and the key segment being the commercial vehicles with 1.3 million units produced.

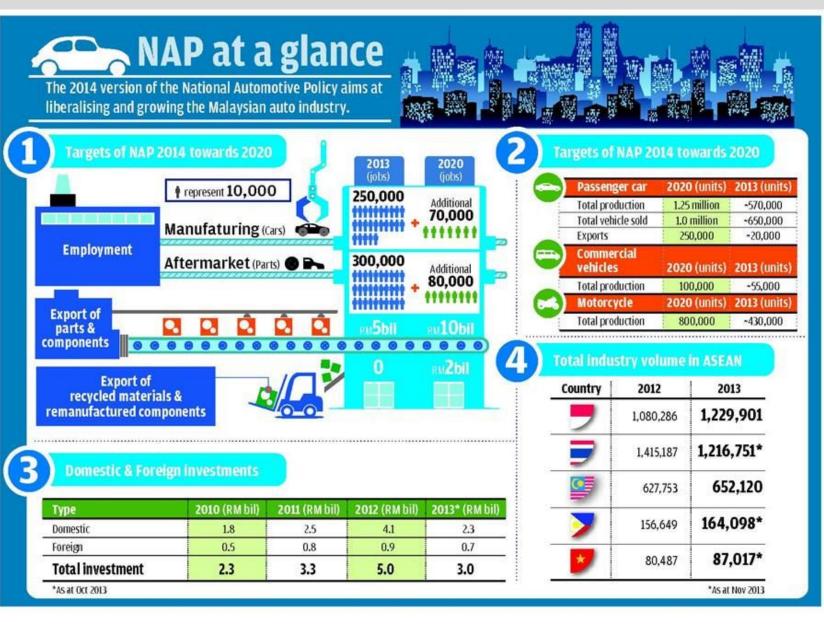


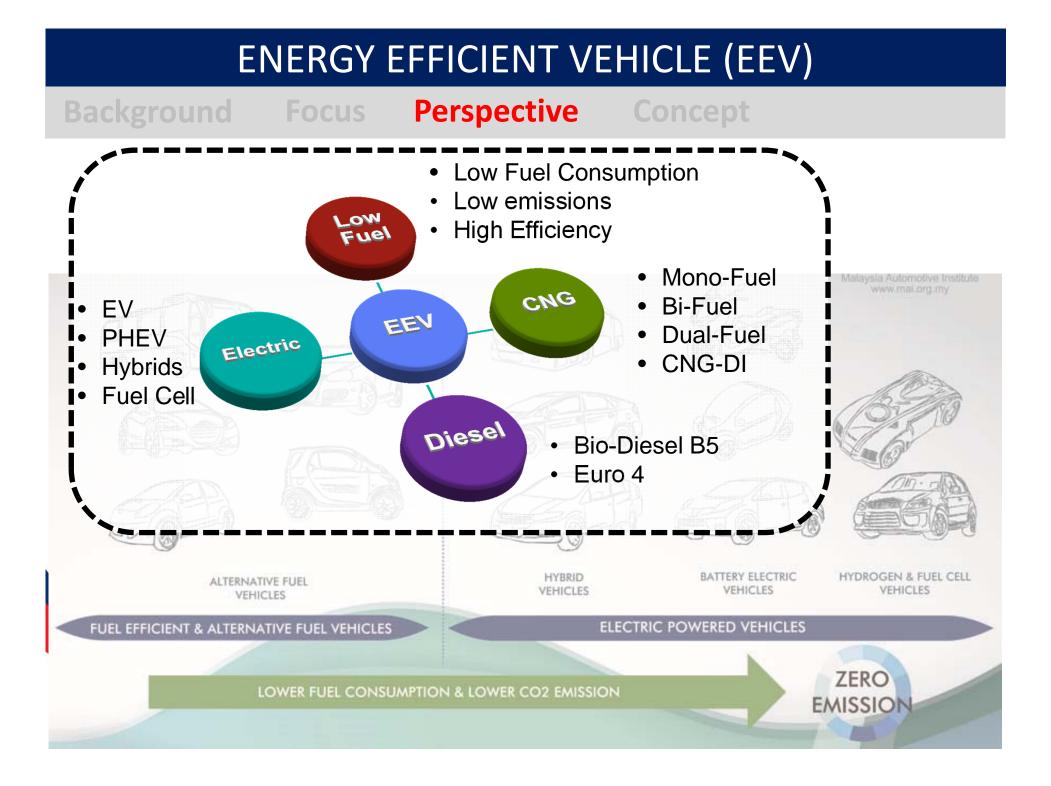


NAP 2014

Background Focus

Perspective Concept

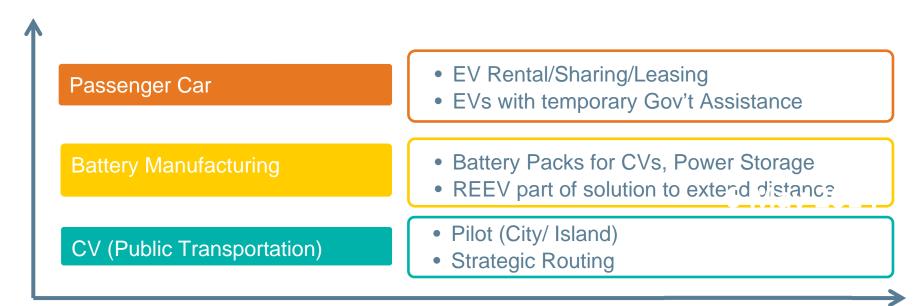




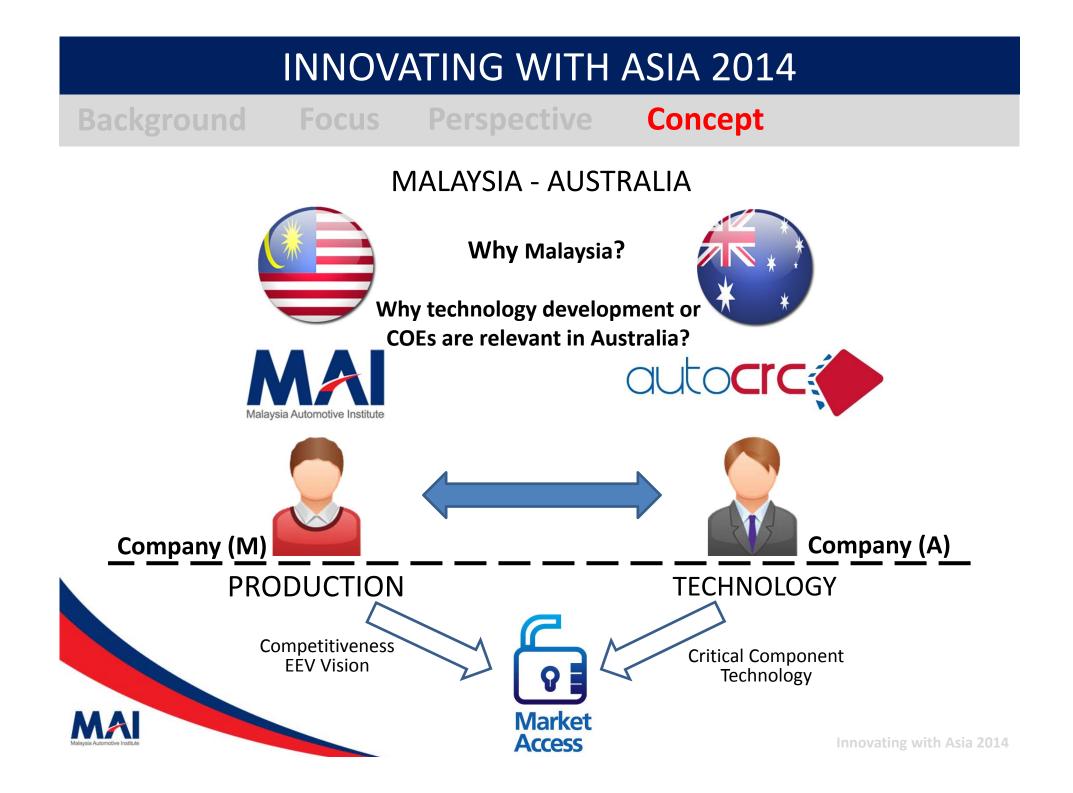
ELECTRIC VEHICLE (EV)

Background **Perspective** Focus Concept

EV Penetration Plan



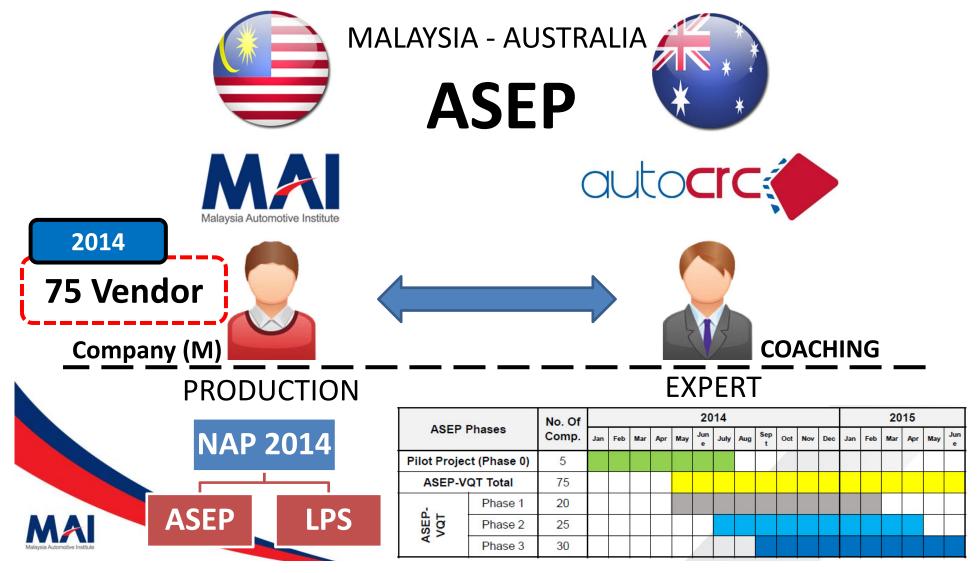




AUTOMOTIVE SUPPLIER EXCELLENCE PROGRAMME

Background Focus Perspective Concept

Why is ASEP important to companies for both countries?



EXPLORATIVE COLLABORATION IN MARKET ACCESS

Background Focus Perspective Concept

For Malaysian and Australian automotive supplier



Explorative collaboration in market access for Malaysian and Australian automotive suppliers to bring together automotive business entities from both sides in a platform.





Goal and Objective

- Showcasing the technology, product, and process capability of automotive supplier from Malaysia and Australia
- Exploring potential business partnership between the participants.
- Etc.



Schedule and Venue

- The first collaborative activity is scheduled for September 2014 kick-off
- Shah Alam Convention Center (SACC) has been selected for the venue.



Project Management

- MAI and AutoCRC will be coorganiser to this collaboration
- Detail of responsibility is as following:
 - 1. Marketing activity
 - 2. Hosting the event
 - 3. Related agency liaison



Collaborative activity -Product & Process Capability Showcase

- Automotive suppliers from both nations will demonstrate their product and manufacturing capability to the public / attendees.
- Each participant will get an exhibition area to promote their business activity at the event site.
- Each participant will be ecouraged to explore other booths to grab the networking opportunity and discover potential business partner.

Collaborative activity -**Business Matching**

- Business matching is a gateway to vast business networks. \bullet
- How it works? \bullet
 - A matchmaking event is a quick and easy way to meet potential cooperation partners. People meet and greet at high speed. 20 minutes are usually enough to build connections, then the bell rings and the next talk starts.
 - Registration
 - Suppliers register and submit their own cooperation profile.
 - Promotion of published profiles
 - All published profiles will be promoted by the organisers of this event. Furthermore, all participants of the event will view the cooperation profile.
 - At the event
- Supplier personal meeting schedule lists in chronological order for each meeting with the names of the conversation partners and number of table for each meeting

Collaborative activity -One-on-One Meetings

- During the One-on-One Consultations with Senior Trade Officers the supplier will have the opportunity to get specific answers pertaining to their business.
- The supplier will be able to:

- Learn about the company's sales potential between both market areas.
- Assess challenges in the marketplace.
- Understand how to capitalize on the MAFTA.
- Hone in on the best market opportunities.
- Find out how the related agency can help them identify new business partners.