



# **Electric Vehicle Development in Malaysia**

**Present by :  
Mr. Dennis Chuah  
Electric Vehicle Association of  
Malaysia (EVAM)**

# Malaysia's EV Journey

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2009 2010 2011 2012 2013 2014



## Ministry of International Trade and Industry

- Competitive and sustainable domestic automotive industry including the national automotive companies
- Malaysia as the regional automotive hub in energy efficient vehicles (EVV)
- Value-added activities in a sustainable manner
- Exports of vehicles and automotive components

## Ministry of Energy, Green Technology and Water

- Impact to fuel cost and subsidy
- Impact to Electric Supply Industry
- Impact to environment and Green Technology agenda
- Impact to CO2 Emissions and air quality within cities



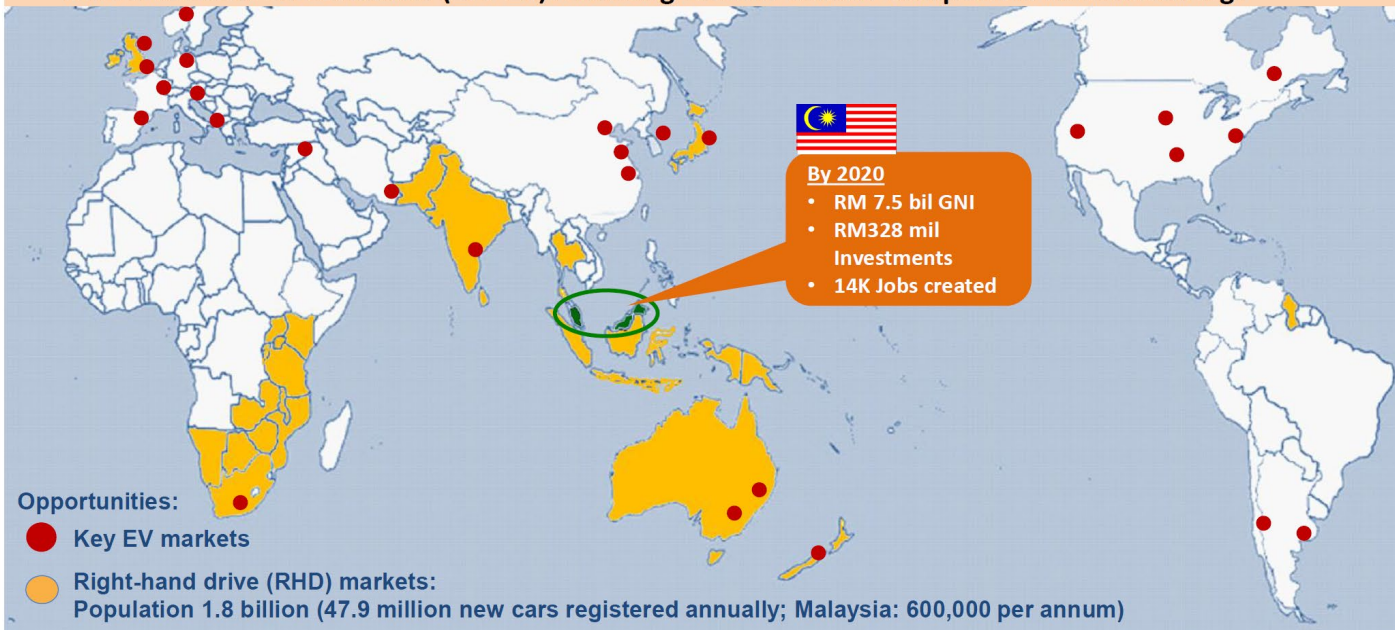
**EPP18 (Enable Electric Vehicle Component Manufacturing)**

# STRATEGIC THRUST & ACTION PLAN: MALAYSIA'S STRATEGIC DIRECTION & OPPORTUNITIES (BLUE OCEAN)

## Positioning Malaysia as the 'Electric Mobility Marketplace' in the region

### Accelerating deployment of:

- National Automotive Policy (NAP 2014): energy-efficient vehicles (EEV) and components localisation;
- NKEA Electrical & Electronics (EPP 18): Enabling Electric Vehicle Component Manufacturing.



### Strategic Thrusts:

1. Promote use of electric public transportation, & encourage EV private ownerships;
2. Strengthen EM ecosystem and charging infrastructure;
3. Accelerate EM technology localisation opportunities.

### By 2020:

- 100,000 electric cars
- 100,000 electric motorcycles
- 2,000 electric buses
- 125,000 charging stations

# Enable Electric Vehicle Component Manufacturing

- Electric Vehicle Research and development carry out by local company
- Local automation company support EV factory
- Supported by government agencies such as
  - MARii : for HR training
  - MIMOS : engagement in product design
  - Sirim : product testing and liability

A green heart-shaped graphic is the central focus. On top of the heart, there are several stylized trees of various shapes and sizes, and two birds in flight. The heart is surrounded by green splatters and brushstrokes at the bottom. The text is centered on the heart.

Thank you  
soooooo much!

Riding Beyond  
Tomorrow