

LOW CARBON LANGKAWI INITIATIVE AND ITS IMPACT ON TOURISM

By

YB DATO' SRI DR. JAMES DAWOS MAMIT

DEPUTY MINISTER OF ENERGY, GREEN TECHNOLOGY AND WATER



**Langkawi Tourism Symposium
23-25 August 2016, Langkawi, Kedah**

MALAYSIA'S CLIMATE CHANGE SCENARIO

- Temperature increase : 0.7 – 2.6 deg. C.
- Sea-level rise: 1.25mm/yr. 1986-2006.
- Rainfall: +30% since 1960.
- Storm frequency magnitude: 10% to 20% now.
- Malaysia's GHG emissions in 2005 totaled 253.9 million tones (CO2 equivalent) without LULUCF.

ENVIRONMENTAL MEDIA AFFECTED BY CLIMATE CHANGE

- Lands & Soils
- Water
- Forests
- Variable Ecosystems

MALAYSIA COMMITMENT ON LOW CARBON

- At global level, Malaysia voluntary commit carbon intensity reduction by 45% in the year 2030.
- In 2013, Malaysia already achieved carbon intensity reduction by 33%.

ROAD MAP OF CARBON INTENSITY REDUCTION IN MALAYSIA

- Energy consumption reduction:
 - Renewable Energy such as using solar PV
 - Adoption of Electric Vehicle
- Increase coverage of forest area:
 - Central Forest Spine
- Efficient management of solid waste:
 - Waste to wealth

ROAD MAP OF CARBON INTENSITY REDUCTION IN MALAYSIA

- Control of land use for agriculture and other uses.
- National Energy Efficiency Action Plan.

LOW CARBON INITIATIVE IN LANGKAWI

- Engagement of stakeholders
- Electric Vehicle
- Avoid excessive clear of forest
- Installation of Solar PV

LOW CARBON INITIATIVE IN LANGKAWI

YEAR	DOMESTIC	INTERNATIONAL	% (D)	% (I)
2013	940,970	1,021,498	-	-
2014	1,019,418	1,169,246	8.34	14.46
2015	1,316,499	1,156,595	29.14	(1.08)

TOTAL FOR DOMESTIC & INTERNATIONAL:

- 2013: 1,962,468
- 2014: 2,188,664
- 2015: 2,473,094

LOW CARBON INITIATIVE IN LANGKAWI

- As of now, there is no influence on tourism.
- What are the benefits of low carbon to the people of Langkawi?
- Tourism attraction in Langkawi is nature based:
 - Bio Tourism
 - Eco Tourism
 - Water Activities

IMPACT OF LOW CARBON LANGKAWI

- That is why avoidance of clearing forest is important.
- Next attraction are the isolated/pristine islands around Langkawi.

LANGKAWI ATTRACTION



**Langkawi Tourism Symposium
23-25 August 2016, Langkawi, Kedah**

CONCLUSION

- Up to this stage, no contribution of Low Carbon Langkawi Initiative on tourism.
- Furthermore, all this initiative have not being implemented yet.