

The background features a large yellow shape on the right side, which is a rectangle with its top-left corner cut off by a diagonal line. On the left side, there is a black triangle pointing towards the center, and a smaller yellow triangle at the bottom-left corner, also pointing towards the center. The text 'RECENT DEVELOPMENT' is centered horizontally across the middle of the image.

# **RECENT DEVELOPMENT**

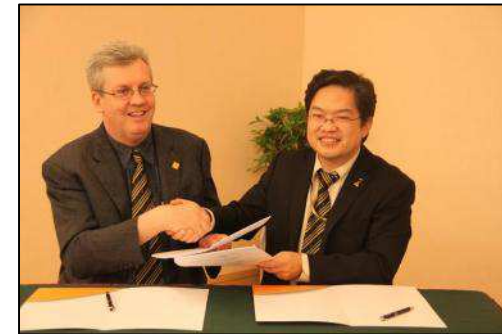
# ASEAN NEW CAR ASSESSMENT PROGRAM (NCAP)



- Signed collaborative MoU with GNCAP to establish a pilot project for an ASEAN (Association of Southeast Asian Nation) New Car Assessment Programme on 7 December 2011 in New Delhi, India.
- Granted **RM 1 Million** from the Global New Car Assessment Program (NCAP) for ASEAN NCAP crash test (Phase 1) via Grant Agreement signed on 23 March 2012 in Melaka.
- NCAP Protocol Launching for ASEAN NCAP
  - First Briefing – 13 January 2012, MIROS
  - Second Briefing - 26 March 2012, MIROS
- Attended by over 60 participants, including vehicle manufacturers (OEMs), restraint system vendors, suppliers, consultants, and other government agencies from different parts of the world, including South-East Asia, Germany, Korea & Japan.



7 December 2011 New Delhi, India



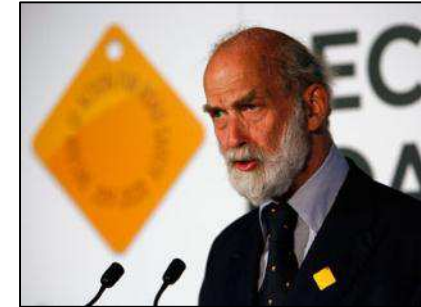
23 March 2012, Melaka





# AUTOMOTIVE SAFETY WEEK 2012: SOUTHEAST ASIA

- The first ever Automotive Safety Week 2012: Southeast Asia was held on 22-25 May 2012 at Melaka Trade International Centre (MITC).
- In association with Global NCAP Annual Meeting 2012
- Received Guest of Honour, His Royal Highness Prince Michael of Kent.
- ASW2012: SEA was officiated by the Chief Minister of Melaka.
- **450 participants from 25 different countries.**





# AUTOMOTIVE SAFETY WEEK 2012: SOUTHEAST ASIA



## Dedicated International & National Meetings

- Global NCAP's Board of Trustees Meeting
- NHTSA – MOT Meeting
- World Car Manufacturer Meeting
- Global NCAP Roundtable with NCAPs
- PROTON Green Mobility Challenge Progress Meeting
- Society of Automotive Engineers (SAE) Student Convention



## Seminars

- **Parallel Sessions (ASW 2012: SEA)**
  - Active Safety
  - Automotive Safety
  - Road Safety
  - Passive Safety
  - Automotive Simulation
  - E-Mobility
- **Seminar (GNCAP)**
  - Consumer & Cars
  - A World Tour of NCAPs
  - Vehicle Safety in the UN Decade of Action 2010-2012



## Exhibitions & Demonstrations

- Proton
- Perodua
- Toyota
- Puspakom
- Honda
- Bosch (ESC)
- Volvo
- Autoliv Horotako
- JKJR
- PDRM
- Etc
- **Total Sponsor (25)**



## Launching & Award

- MIROS PC3 Lab
- Crash Demonstration - ASEAN NCAP Test 001
- MIROS Safety Awards
- GNCAP Annual Awards by HRH Prince of Kent



# MIROS PC3 LAB (CRASH LABORATORY)



17 January 2012 – Ground Breaking Ceremony, JPJ Academy Melaka



24 May 2012 – Opening Ceremony witnessed by HRH Michael of Kent



24 May 2012 – First Crash Demonstration for ASEAN NCAP TEST 001



“Here in Melaka, we are turning the UN Assembly's words into action, which is what the Decade should be all about“

Max Mosley  
Chairman of Global NCAP

# FIRST CRASH DEMONSTRATION FOR ASEAN NCAP TEST 001



# IRAP CENTRE OF EXCELLENCE

MIROS appointed as **iRAP Centre of Excellence** through a Memorandum of Understanding (MoU) signed on 9 March 2012 in Bangkok, Thailand.

Jun 2012 – Road Analysis and Star Ratings Road in Bangladesh

Jun 2012 – Risk Factors Studies for Motorcycle Lane in Malaysia

November 2011 – iRAP Training Course : First Principles for Institute of Road Engineering Indonesia

July & September 2011 - Road Survey & Rating Star Rating -Training Course : Department of Publics Works and Highway Philippines

**MIROS**  
MALAYSIAN INSTITUTE OF ROAD SAFETY RESEARCH



## IMT, MIROS and TRL become iRAP Centres of Excellence



The Mexican Institute of Transport (IMT), the Malaysian Institute of Road Safety Research (MIROS) and TRL in the United Kingdom have recently become iRAP Centres of Excellence.

The establishment of iRAP Centres of Excellence around the world is designed to help build technical knowledge for road assessment programmes and extend the reach of the programmes.

The Centres are peak organisations that have a demonstrated excellence in road safety engineering and are focused on activities for the public good.

ARRB Group in Australia was the first iRAP Centre of Excellence.



# ISO 39001 - ROAD TRAFFIC SAFETY MANAGEMENT

- Chairman, Working Group on Road Traffic Safety Management (Malaysia)
- Secretary, Working Group 2 on Road Traffic Safety Management (ISO/TC Project Committee 241)
- 7<sup>th</sup> Plenary meeting of ISO/PC 241, Road traffic safety management systems - 20-24 February 2012, Johannesburg
- Formation of new Task Force for the implementation of pilot projects in Malaysia
- Training Module Development and Implementation of Pilot Project on Road Traffic Safety Management in collaboration with SIRIM.
  - ☐ Royal Malaysia Police (Traffic)
  - ☐ PUSPAKOM Sdn Bhd
  - ☐ Century Logistic Sdn Bhd



Century®



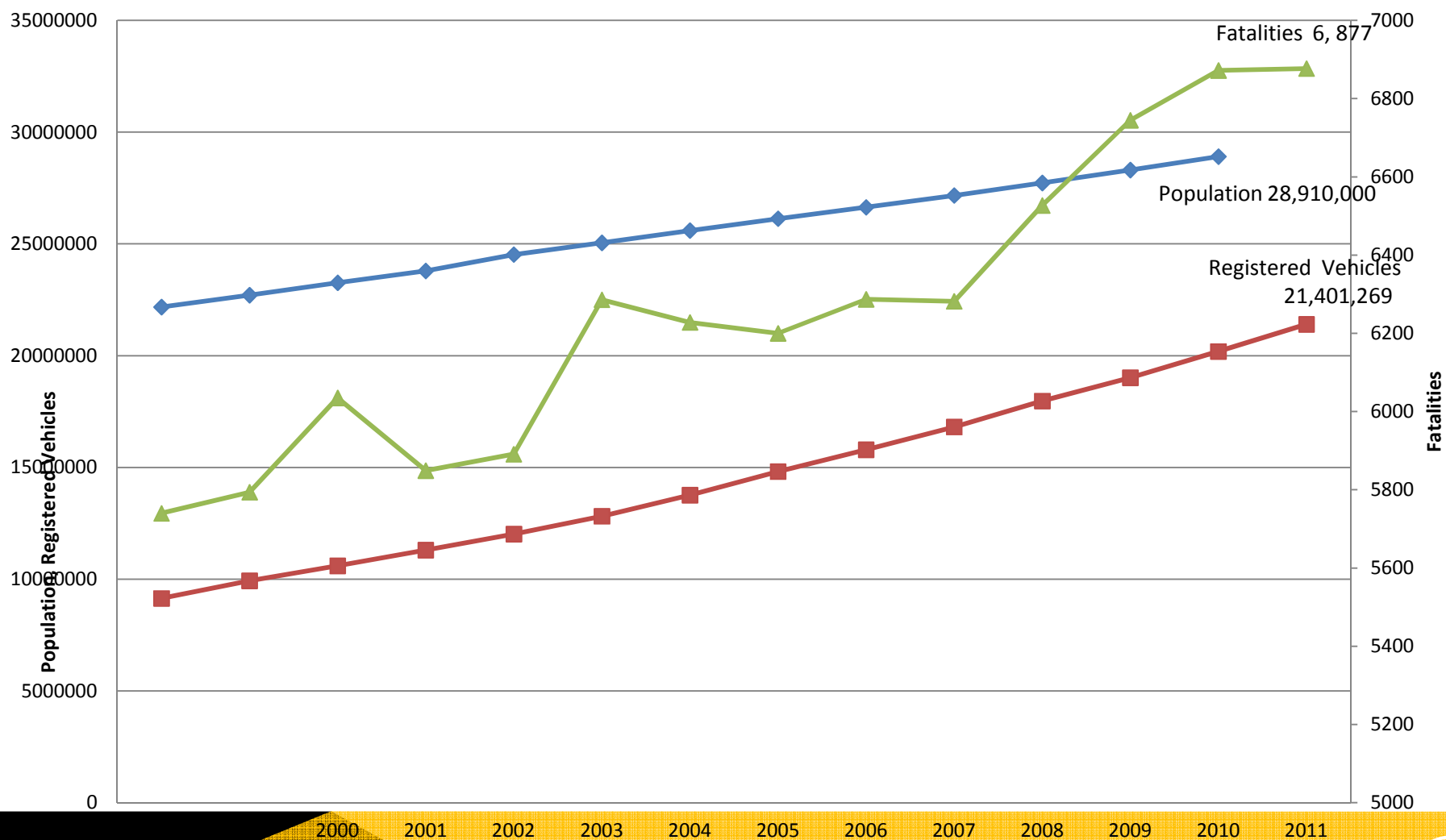
# **GUIDELINES & REPORTS**

1. National Regulatory Implementation Guideline for UNECE WP.29 in Malaysia
2. Left Turning at Junction: A Technical Guideline to Implementation Authorized Left Turn in Malaysia
3. Guideline on Camera Locations Determination for Automated Enforcement System
4. Comprehensive Report of Independent Inquiry Panel on Ministry of Health Ambulance Crash
5. Safety Impact Assessment and Characteristics of Electric Bicycles for Malaysia
6. Study on Roads and Infrastructure for Electric Bicycle in Malaysia

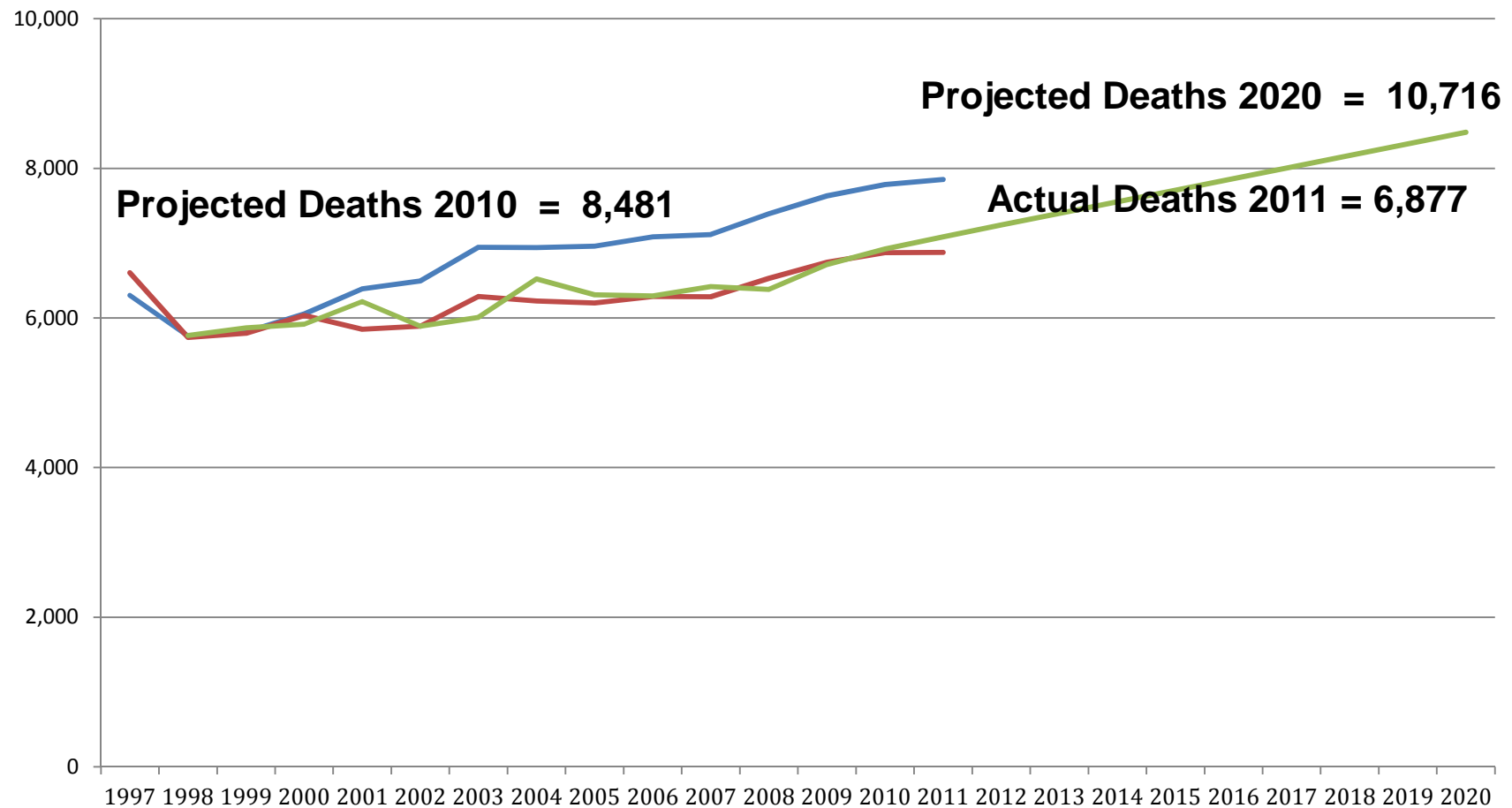
The background features a large yellow triangle on the right side, pointing towards the top right. On the left side, there is a black triangle pointing towards the bottom left. These two triangles overlap in the center, creating a smaller yellow triangle. The rest of the background is white.

# **ROAD SAFETY SCENARIO IN MALAYSIA**

# ROAD FATALITIES TREND IN MALAYSIA



# PROJECTION DEATHS CAUSED BY ROAD CRASHES IN MALAYSIA







Year	Total death for Road User in Malaysia	Road Safety Index in Malaysia		
		Per 10,000 vehicles	Per 100,000 population	Per Billion VKT (Vehicle Kilometre Travelled)
1997	6302	7.37	29.1	33.57
1998	5740	6.28	25.8	28.75
1999	5794	5.83	25.5	26.79
2000	6035	5.69	26.0	26.25
2001	5849	5.17	25.1	23.93
2002	5891	4.90	25.3	22.71
2003	6286	4.90	25.1	22.77
2004	6228	4.52	24.3	21.10
2005	6200	4.18	23.7	19.58
2006	6287	3.98	23.6	18.69
2007	6282	3.74	23.1	17.60
2008	6527	3.63	23.5	17.65
2009	6745	3.55	23.8	17.27
2010	6872	3.40	23.8	16.21
2011	6877	3.21	-	14.68



**VEHICLE**

**MIRROS**®

MALAYSIAN INSTITUTE OF ROAD SAFETY RESEARCH



**ROAD**



**DRIVER**



**MALAYSIAN INSTITUTE OF ROAD SAFETY RESEARCH**

**Malaysian Institute Of Road Safety Research (MIROS)**

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