



**PRESS RELEASE**

**FOR IMMEDIATE RELEASE**

## **ASEAN NCAP – SAFER CARS FOR ASEAN REGION**

### *ASEAN NCAP Conducts Autonomous Emergency Braking (AEB) System Development Test*

**Kuala Lumpur, Malaysia, 15 July 2020** – The New Car Assessment Program for Southeast Asian Countries (ASEAN NCAP) had launched its new assessment protocol for 2021-2025 in Bali, Indonesia in November last year. The third assessment protocol (2021-2025) comprises four pillars of assessment namely Adult Occupant Protection (AOP), Child Occupant Protection (COP), Safety Assist (SA) and Motorcyclist Safety (MS). Under the SA domain, ASEAN NCAP will be assessing the effectiveness of Autonomous Emergency Braking (AEB) system fitted inside the assessed vehicle. AEB is a braking system that is applied automatically by the vehicle in response to the detection of a likely collision in order to reduce the vehicle speed and potentially avoid such collision. ASEAN NCAP will be assessing two types of AEB system in the upcoming protocol that are AEB City and AEB Inter-Urban.

With the new protocol set to commence this coming January 2021, ASEAN NCAP is preparing to strengthen its capacity and capability in the area of testing the effectiveness of AEB system. This is a significant milestone in ASEAN NCAP assessment as currently (under the 2017-2020 protocol), the assessed vehicle only received points based on the availability of the system inside the vehicle. Thus, ASEAN NCAP is moving a step further by including the actual assessment of the systems in order to ensure that it is effective to stop the moving vehicle based on the following criteria.

1. Assessment on the effectiveness of AEB City system in a car-to-car rear stationary by driving the assessed vehicle forward at a speed of 10–60 km/h towards another stationary vehicle.
2. Assessment on the effectiveness of AEB Inter-Urban system in a car-to-car rear moving by driving the assessed vehicle forward at a speed of 30–60 km/h towards another vehicle that is travelling at constant speed.

ASEAN NCAP conducted the AEB development test for two consecutive days, 15<sup>th</sup>-16<sup>th</sup> July 2020 at Bandar Malaysia, Kuala Lumpur. This is the second development test that ASEAN NCAP is conducting in our effort to strengthen our assessment procedure on new vehicles sold in the South East Asia market. The first development test was held in 2018 in which ASEAN NCAP tested the effectiveness of blind spot technology fitted inside vehicles in order to detect the presence of motorcyclists riding at the blind spot zone of the moving vehicle.



MIROS Director-General who is also ASEAN NCAP Secretary-General and Acting Chairman, Adjunct Prof. Ir. Dr. Khairil Anwar Abu Kassim said:

“I am proud that ASEAN NCAP with the support from MIROS has successfully organized this development test in our effort to enhance our capacity and capability in AEB testing. This is part of our preparation to conduct such assessment for the new 2021-2025 protocol. In the previous development test in 2018, we assessed the effectiveness of blind spot technology in the car as we need to ensure the technology is able to detect motorcycle riders and subsequently avoid collision with them. As other technologies such as AEB becomes more mature, it is timely that we perform the actual physical assessment of the system and elevate our current assessment from just rewarding points on its availability inside the vehicle.

“As the new MIROS DG, I would like to thank the manufacturers who are involved in providing their vehicles for this development test. We are grateful for their support and willingness to participate in this test to ensure that the systems equipped inside their vehicles are at the best performance. Their commitment in safety is commendable and we hope other manufacturers will follow suit in the near future. With the requirement on the effectiveness of AEB fitment under the new ASEAN NCAP protocol, we are making safety a priority, not a luxury.”

#### **About the New ASEAN NCAP Protocol for 2021-2025**

The new ASEAN NCAP Protocol 2021-2025 consists of four assessment pillars comprising Adult Occupant Protection (AOP), Child Occupant Protection (COP), Safety Assist (SA) and Motorcyclist Safety (MS). Each pillar brings the weightage of 40% (AOP), 20% (COP), 20% (SA) and 20% (MS). For each of these pillars, there shall be additional elements and improvements to the previous rating systems as we strive toward an increased car safety standard to suit the ASEAN context. Thus, the new protocol was developed by considering all road safety issues faced in the ASEAN region whilst scrutinizing the latest breakthroughs in vehicle technology. All 15 protocols under the new ASEAN NCAP rating system for 2021-2025 are available for download at ASEAN NCAP official website.

#### **ASEAN NCAP**

ASEAN NCAP is the ninth edition to the NCAP organizations around the world, which is targeted to enhance safety standards, raise consumer awareness and thus encourage a market for safer vehicles in the Southeast Asia region (ASEAN community). This is a collaborative effort by MIROS and Global NCAP, in which the latter funded the pilot phase of the project. ASEAN NCAP is also supported by the membership of Automobile Associations from Malaysia (AAM), the Philippines (AAP), Singapore (AA Singapore), Cambodia (AAC) and Thailand (RAAT).



**About MIROS** – The Malaysian Institute of Road Safety Research (MIROS) was established in 2007 as an agency under the Ministry of Transport Malaysia to serve as a central repository of knowledge and information on road safety. The findings derived from research and evidence-based intervention programmes provide the basis for the formulation of new strategies, legislations, policies, and enforcement measures, governing road safety at the national level. Principally engaged in research, MIROS collaborates closely with local and international government agencies and private bodies to further the cause of road safety.

In 2014, the ASEAN Transport Ministers had appointed MIROS as the ASEAN Road Safety Centre. The aims of this centre are to promote and provide knowledge on road safety issues among ASEAN Member States which includes road traffic laws and regulations, data management, standards development, and road safety awareness and education.

**About Global NCAP** – Global NCAP is a non-profit organization registered in the United Kingdom which aims to encourage the worldwide availability of independent consumer information about the safety of motor vehicles.

**President & CEO:** Mr. David Ward ([d.ward@globalncap.org](mailto:d.ward@globalncap.org)) ([www.globalncap.org](http://www.globalncap.org))

---

**Other Contacts:**

**ASEAN NCAP Secretary-General:** Ir. Dr. Khairil Anwar Abu Kassim ([khairilanwar@miros.gov.my](mailto:khairilanwar@miros.gov.my)) - ([aseanncap@gmail.com](mailto:aseanncap@gmail.com))

**ASEAN NCAP Communications:** Salina Mustaffa ([salina@miros.gov.my](mailto:salina@miros.gov.my))

**MIROS Corporate & Media Relations:** Mohd Zakry Omar ([zakry@miros.gov.my](mailto:zakry@miros.gov.my))