



# ASEAN NCAP 2021

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**KHAIRIL ANWAR**



# THANK YOU TO ASEAN NCAP TEAM

A JOURNEY IN THE PURSUIT OF EXCELLENCE







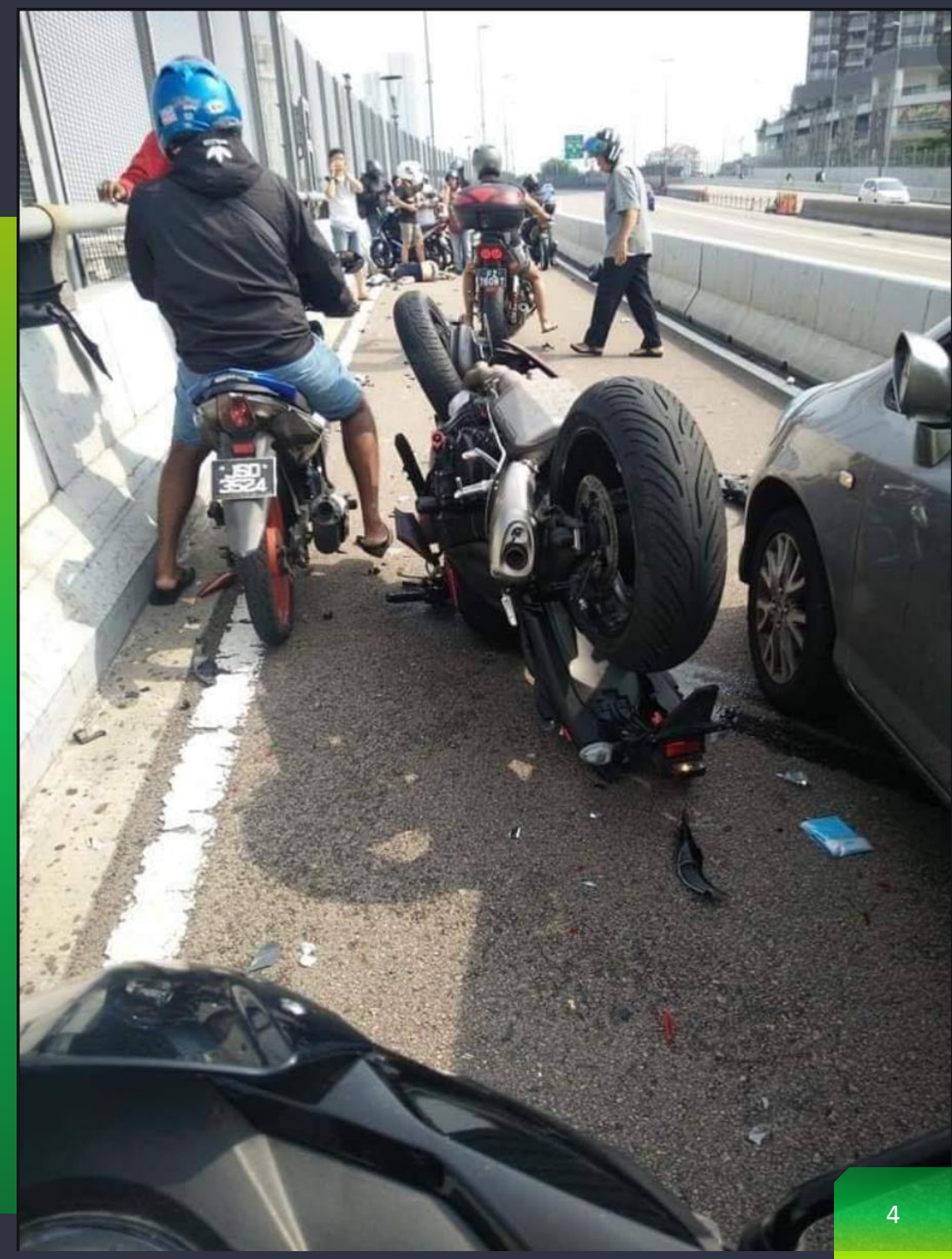
# AGENDA

16<sup>th</sup> FEBRUARY 2021

- ❑ MALAYSIA ROAD FATALITIES RESULT 2021
- ❑ OPPORTUNITY FOR COLLABORATION 2021
- ❑ DEVELOPMENT OF NEW TEST TRACK @ SEPANG SELANGOR
- ❑ ASEAN NCAP PLAN 2021
  - 10<sup>th</sup> YEARS ANNIVERSARY

# COMPARISON OF INJURY CATEGORIES FOR 2019 AND 2020

Category	2019	2020	Diff	(%)
Fatal	6,167	4,634	-1,533	-24.9%
Severe Injury	3,022	2,840	-182	-6.0%
Light Injury	5,855	9,762	3,907	66.7%
Total	15,044	17,236	2,192	14.6%



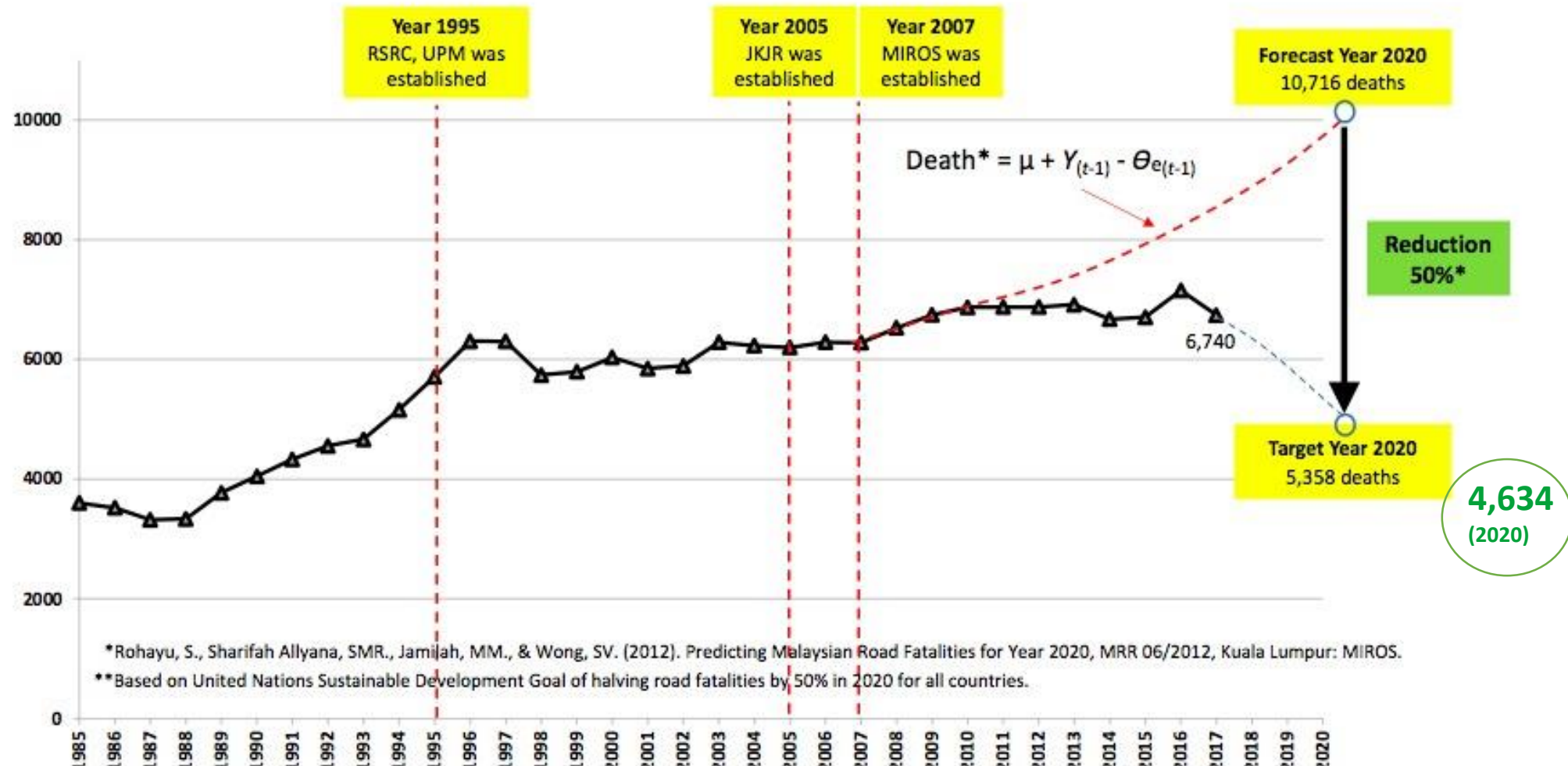


# COMPARISON OF ROAD USER CATEGORY FOR FATAL CASES FOR THE YEAR 2019 AND 2020

Category	2019	2020	Diff	(%)
Motorcycle	3,959	3,118	-841	-21.2%
Car	1,253	888	-365	-29.1%
Pedestrian	394	266	-128	-32.5%
Lorry	182	135	-47	-25.8%
Others	108	56	-52	-48.1%
Bicycle	107	63	-44	-41.1%
4WD	82	78	-4	-4.9%
Van	55	29	-26	-47.3%
Bus	27	1	-26	-96.3%
TOTAL	6,167	4,634	-1,533	-24.9%



## Malaysia Road Deaths 1985 – 2017 & Reduction Target



# CONGRATULATION

## ☐ To ALL Best Safety Performance Winner

- ☐ AOP
- ☐ COP
- ☐ Safety Assist
- ☐ Overall

## ☐ Excellence Award

- ☐ Continuous Safety Improvement
- ☐ Most Viewed ASEAN NCAP You Tube
- ☐ New Manufacturer Safety Commitment
- ☐ Consistent 5-star
- ☐ The Most 5-star Brand (2019 - 2020)



# CONGRATULATION

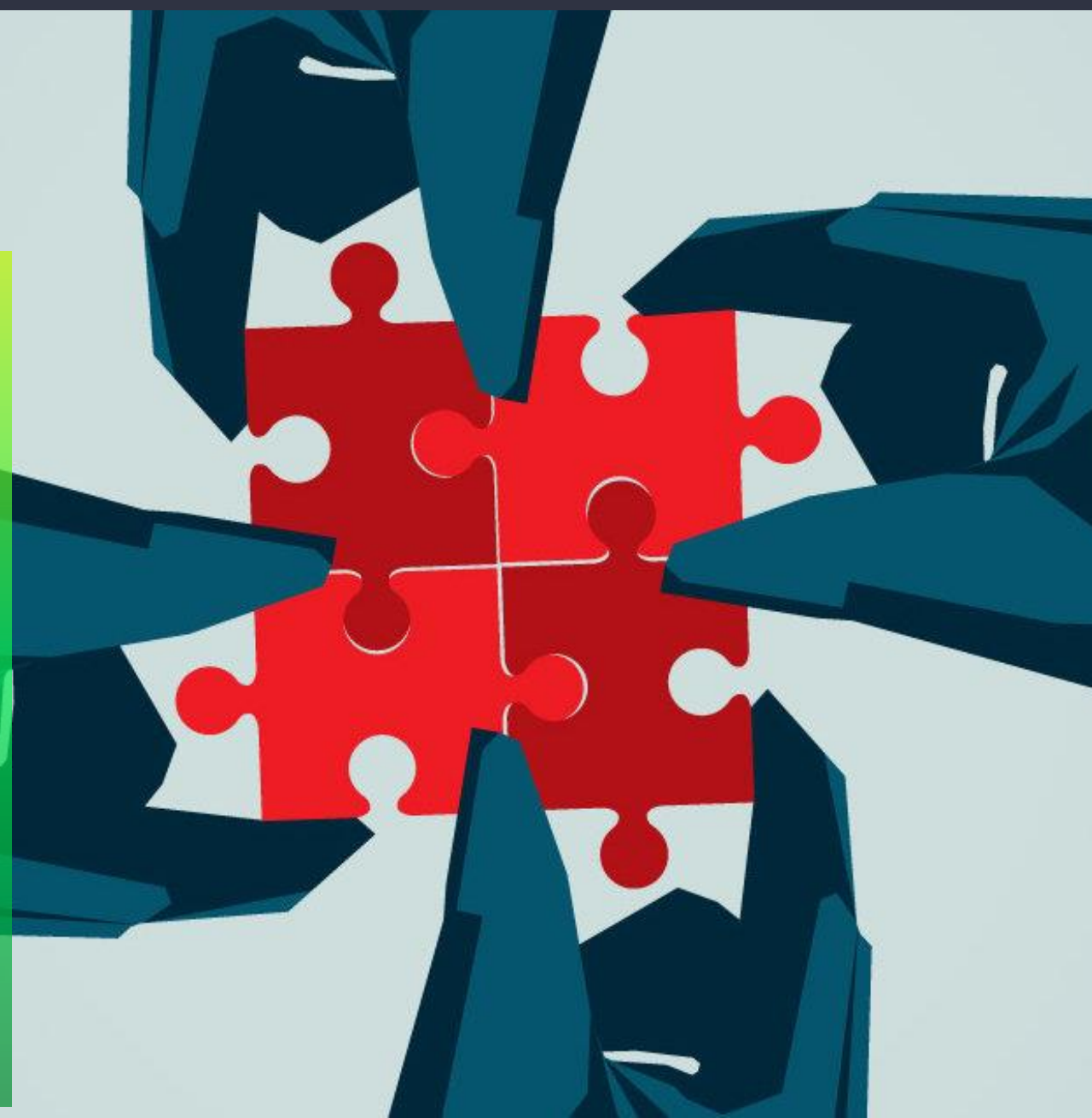
## ☐ Excellence Award

- ☐ ASEAN NCAP Vehicle Safety Ambassador
- ☐ Automotive Safety Pioneer
- ☐ Child Occupant Safety Champion
- ☐ Organization



# OPPORTUNITY FOR COLLABORATION 2021

WITH MIROS





# ENHANCEMENT OF MIROS PC3 PROPULSION SYSTEM

- ❑ From 2010, MIROS PC3 has been using 2.5L Engine for its propulsion.
- ❑ It's time to upgrade to more powerful engine, probably 3.5L Engine to pull heavier vehicle (up to 3 tonne) and also able to conduct pole test.
- ❑ MIROS would like to call upon any manufacturer to work with MIROS for this new development.
- ❑ MIROS plan to complete this development by end of 2021.



# WHAT IS MORE ON PC3

- ❑ Purchase of new equipment – World SID, Q6 & Q10 dummies – preparation towards new protocol for 2026 onwards.
- ❑ New roof from soaking room to the end of the track.
- ❑ New Building for Vehicle Setting (Mainly for vehicle under development).
- ❑ Others





# 6<sup>TH</sup> UN GLOBAL ROAD SAFETY WEEK

- ❑ From 17 – 23 May 2021
- ❑ MIROS and ASEAN NCAP will organize minimum one road safety event per day.
- ❑ Focus on ASEAN Region, with all MIROS associates in the world.
- ❑ Join us, to do more for the world.
- ❑ More details on 1<sup>st</sup> March 2021.

GLOBAL ROAD SAFETY WEEK

17 - 23 May 2021



**Save Lives**

# MIROS'S RESEARCH CLUSTER

- ❑ Road Safety is a social issue that demands a solution using social methods i.e. collectively.
- ❑ The latest road safety philosophy uses a safe system approach, where the responsibility to improve road safety should be borne by all parties.
- ❑ Therefore MIROS would like to invite all parties to also contribute towards improving the level of road safety in Malaysia through joint research across various areas of expertise through the clusters ->



Advanced  
Passenger Safety  
Protection  
System



Driver  
Competency and  
Licensing



Fitness-to-Drive



Flora



Intersection  
Safety



Islamic View on  
Road Safety



Micromobility  
Management



Motorcycle  
Safety  
Technology



Road Safety  
Education  
Programme



Road Safety  
Enforcement



Road Safety  
Progress and  
Monitoring



Speed



Stress and  
Anxiety



Vehicle  
Roadworthiness



Visibility and  
Conspicuity



Work-related  
Road Safety  
Management



# PROMOTING ADVANCED SAFETY TECHNOLOGY TO ASEAN

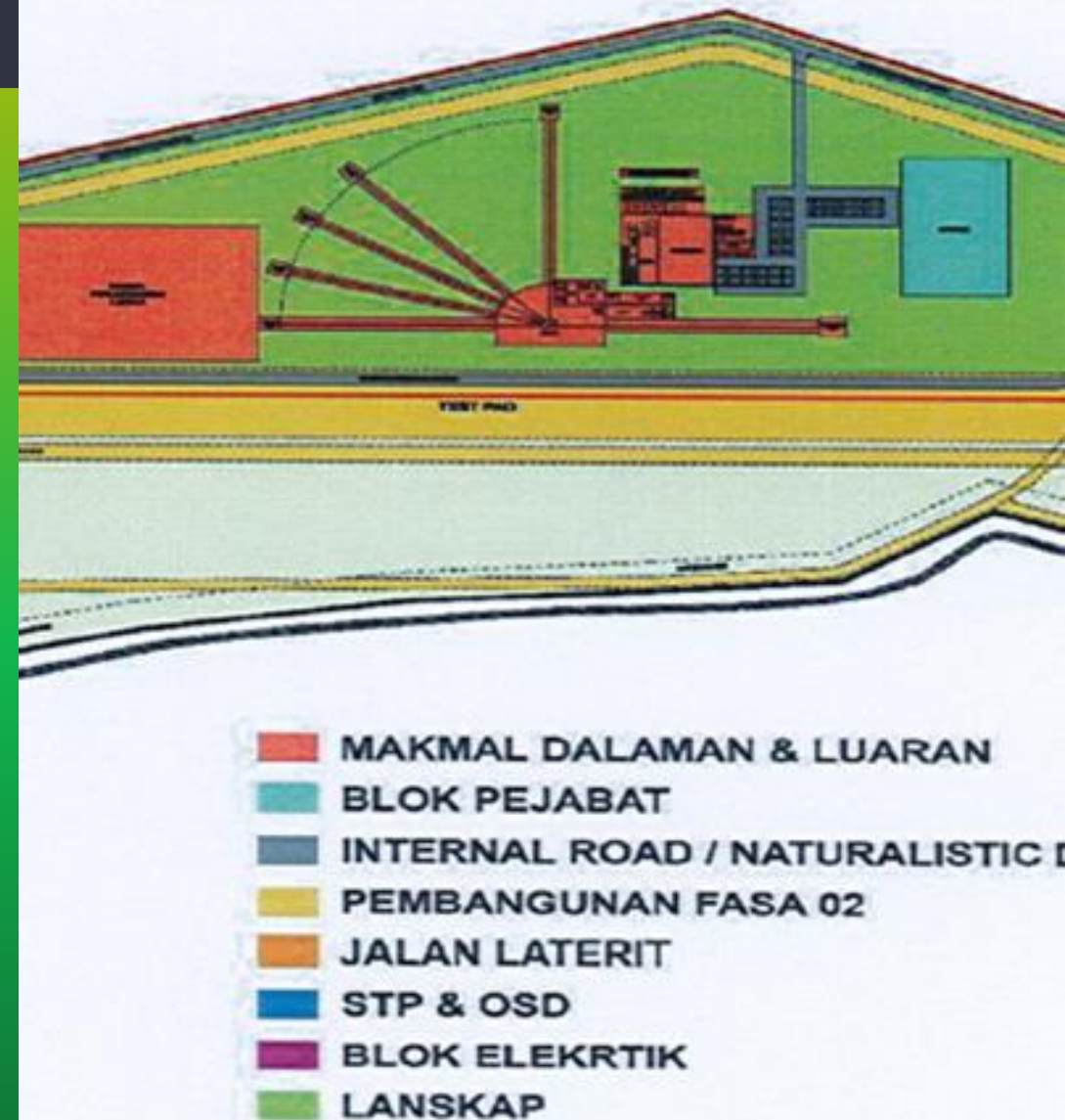
- ❑ OPEN to all car manufacturer wish to promote their advanced safety technology to public.
- ❑ MIROS will promote the advanced safety technology available in the vehicle via media release, videos and all type of possible promotion, possibly every month.
- ❑ Manufacturer to provide MIROS with the car (on the road) for minimum 1 year period.
- ❑ Win – Win collaboration, no charge to car manufacturer.



ILLUSTRATION ONLY

# DEVELOPMENT ON NEW TEST TRACK

- ❑ MIROS is building 1 km test track for safety assist technology assessment and development (including ASEAN NCAP).
- ❑ Kick Off Target – 1<sup>st</sup> June 2021
- ❑ Ready by 6 months time.
- ❑ Location: 3 km from Sepang International Circuit (SIC)
- ❑ MIROS will build the test track from self funding, upon receiving financial support from government, the MIROS Headquarter will be established at the same side (with new crash test laboratory)





# ASEAN NCAP 10<sup>TH</sup> YEARS ANNIVERSARY

- ☐ Achievement to date:
  - ☐ 108 models crash tested.
  - ☐ 135 rating were launched.
  - ☐ Protocol 2021-25 – 1 model tested, soon to be launched.
- ☐ 8<sup>th</sup> December 2021
- ☐ Location – 2 options
  - ☐ New Test Track
  - ☐ Others (Maybe Sepang International Circuit?)
- ☐ DEMO – Yes, What Technology – All that Possible
- ☐ Safety Decade Award
  - ☐ Safest Brand of the Decade?
- ☐ Details will be provided on 1<sup>st</sup> April 2021.





**THANK YOU**

SAFER CAR FOR ASEAN