



Safer Cars for ASEAN Region

ASEAN NCAP Towards 2026-2030

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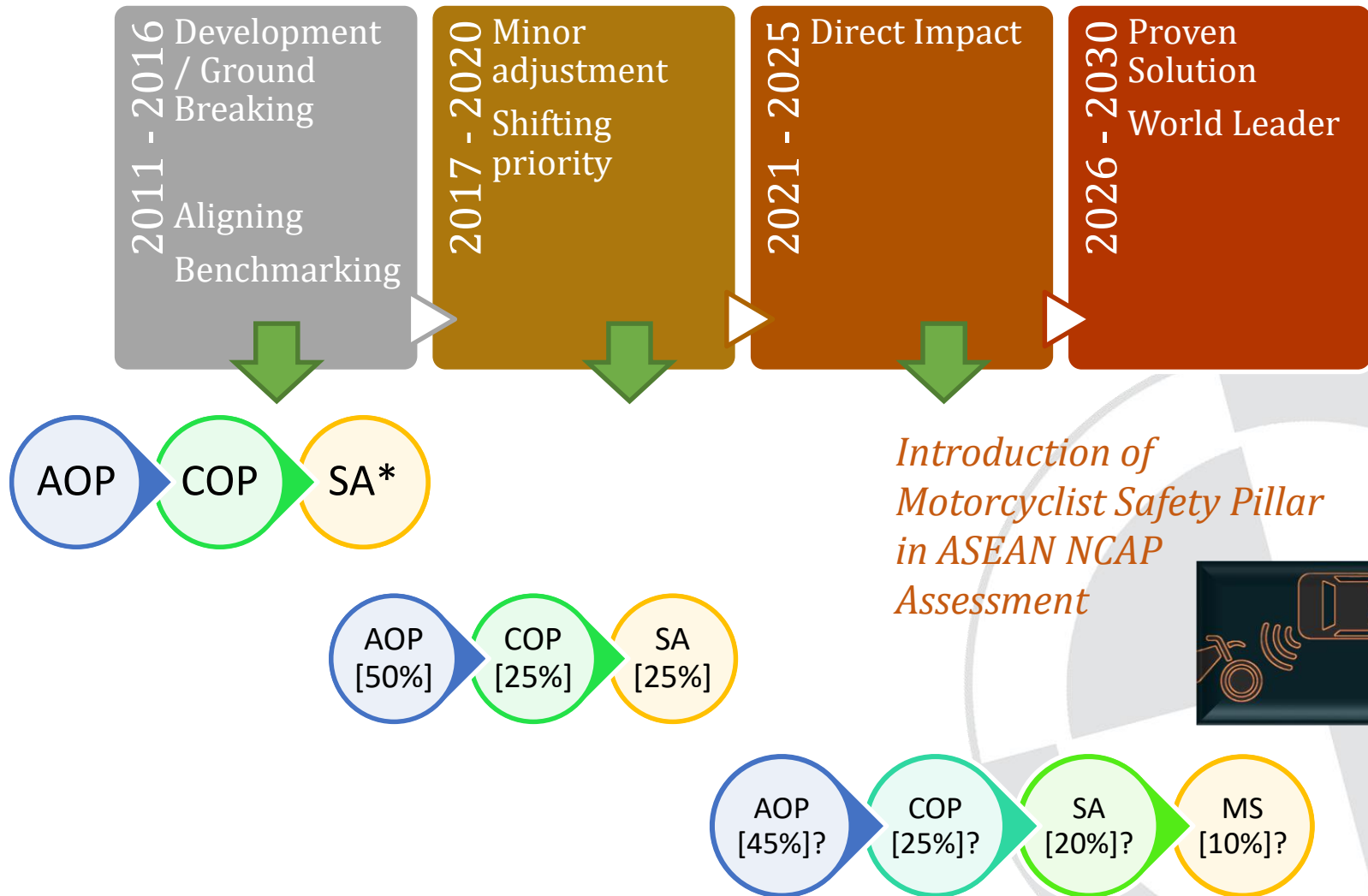
Bloomberg
Philanthropies



FIA Foundation
for the Automobile and Society



Roadmap 2021 - 2030

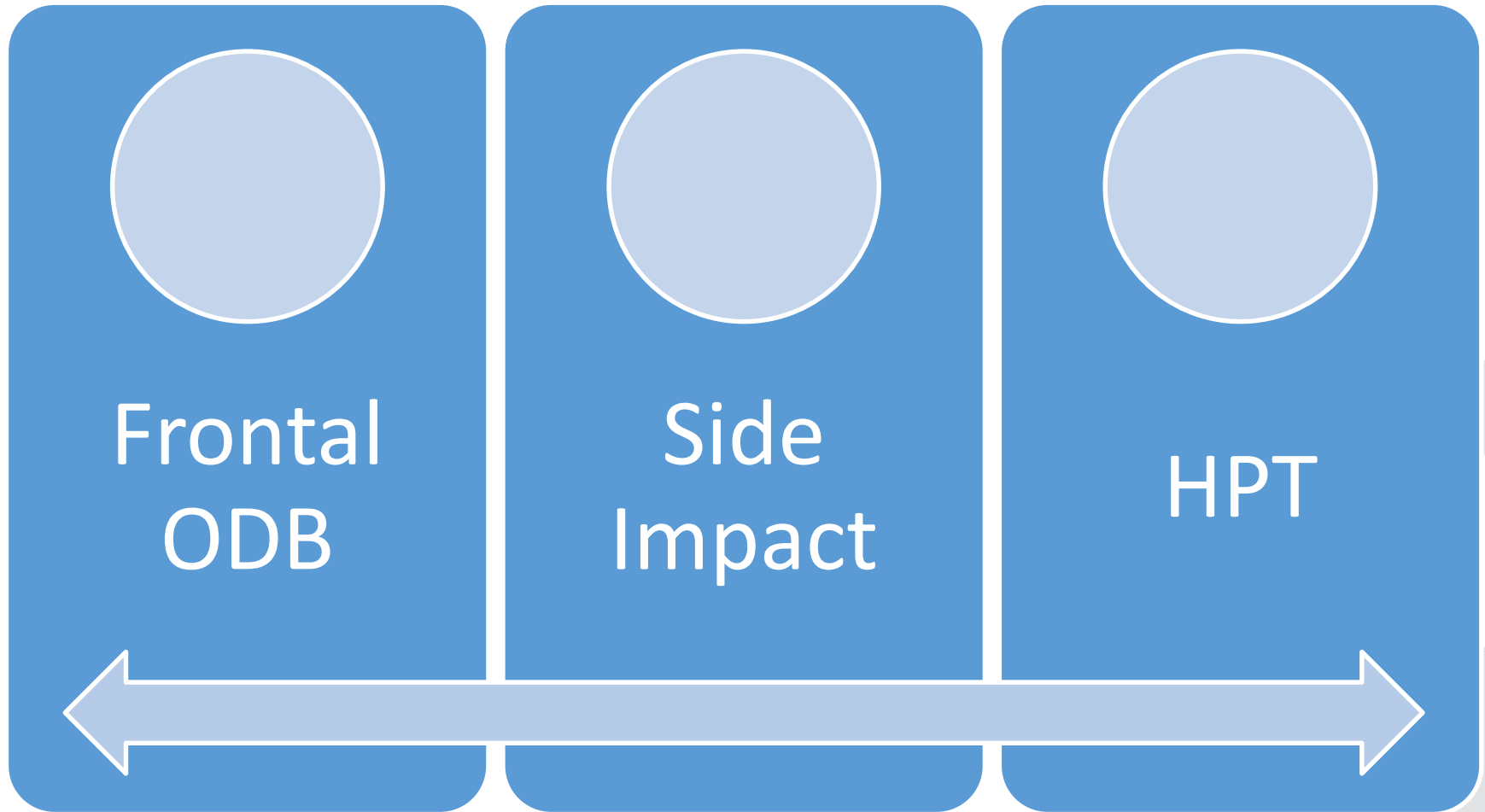


 2021 - 2025	AOP			COP			SAFETY ASSIST			MOTORCYCLIST		
	Item	Point	Max	Item	Point	Max	Item	Point	Max	Item	Point	Max
	ODB	-	16.00	Frontal	14.83	16.00	EBA	3.00	6.00	BSD/BSV	0.40	8.00
	SIDE	-	8.00	Side	6.75	8.00	SBR	-	6.00	ARV	2.00	4.00
	HPT Evaluation	7.40	8.00	Installation	11.11	12.00	AEB City	2.39	2.50	AHB	0.95	2.00
				Vehicle Based	13.00	13.00	AEB Inter-Urban	2.54	3.50	Ped. Protection	-	2.00
				CPD	0.25	2.00	Advance SATs	2.00	3.00	Advance MST*		2.00
Score		7.40	32.00		45.94	51.00		9.93	21.00		3.35	16.00
Normalized Score		0.23			0.90			0.47			0.209375	
Weighting		40%			20%			20%			20%	
Weighted Score		9.25			18.01			9.45			4.19	
Maximum Star Rating		0			5			3			2	

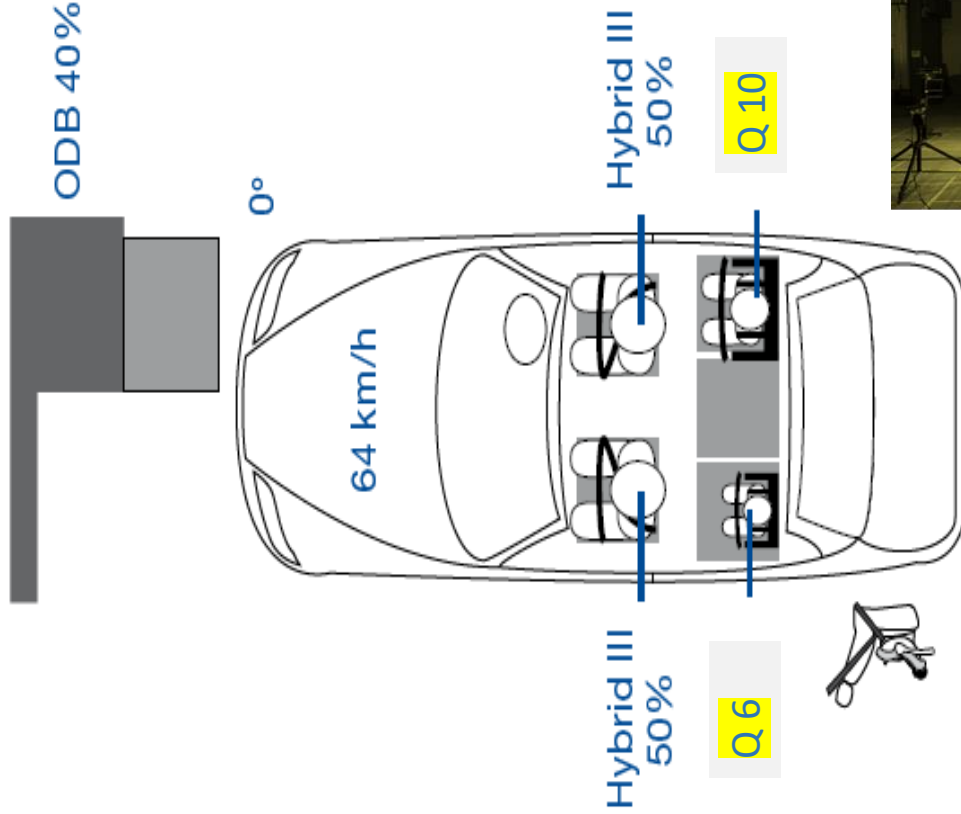
2026-2030

Road Map and Planning

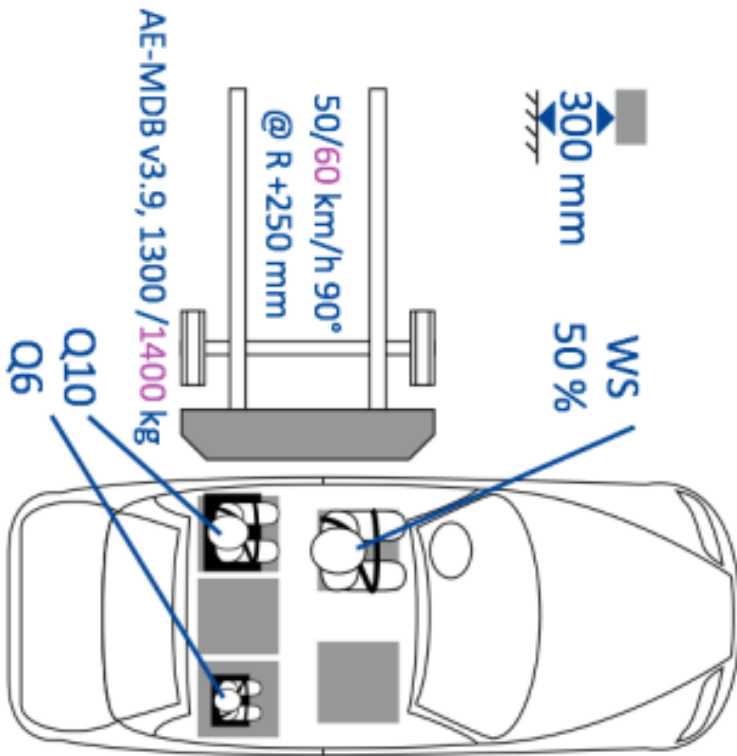
Adult Occupant Safety (AOP) Assessment



Frontal Offset Test-



Side Impact



- Study on possibility of introduction of Side pole Impact test
- Benefit of the test vs cost vs current assessment method
 - Curtain area evaluation
 - Pre-Requisites of R135



- MIROS has purchased the following dummies from Humanetics
 - WorldSID
 - Q6
 - Q10
- MT3 will be ready by July 2022



Child Occupant Safety (COP) Assessment



Dynamic



CRS
Installation



Vehicle
Based
Assessment



Child
Presence
Detection



- Introduction of ASEAN NCAP Manikin according to ASEAN data

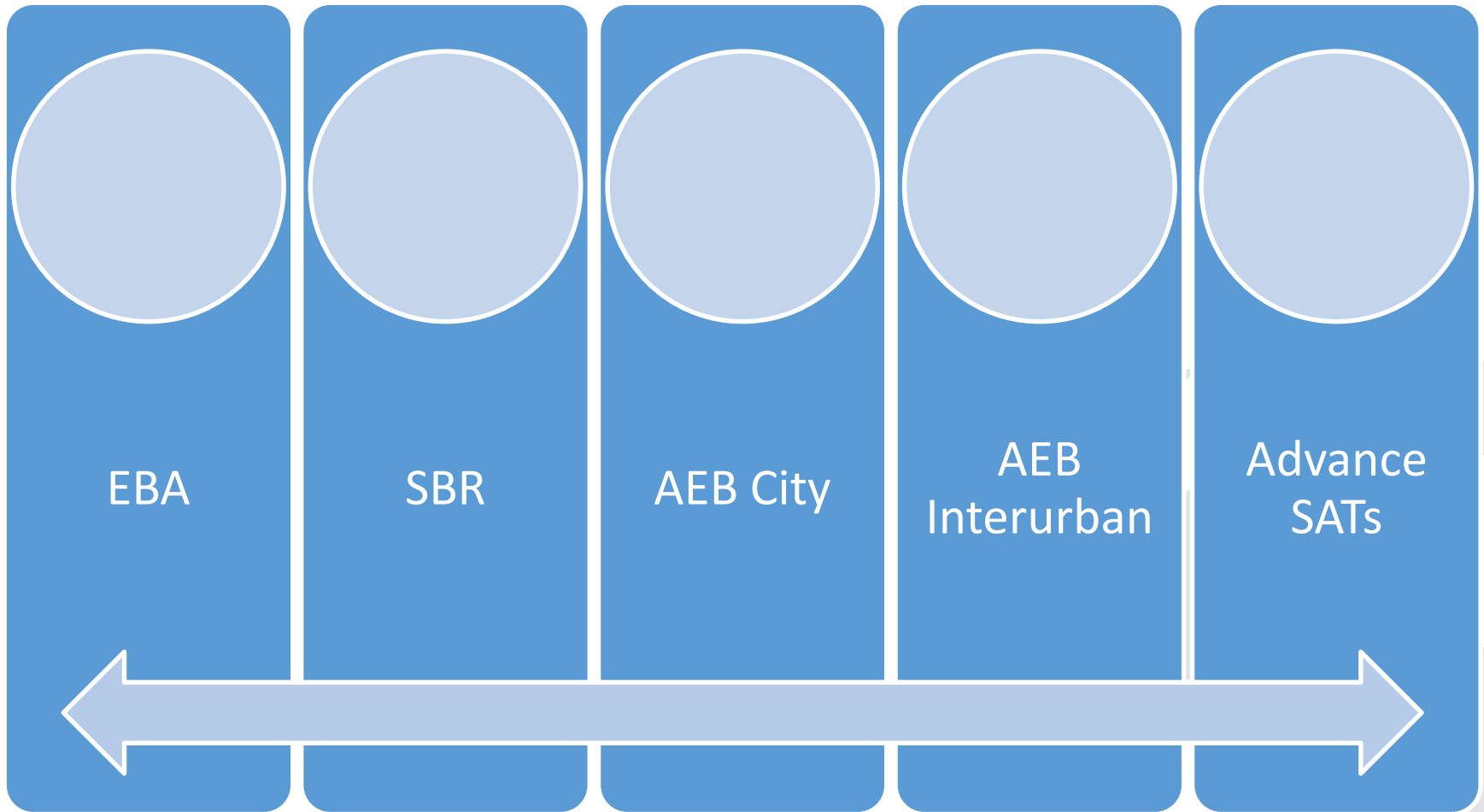


Child Presence Detection

- Introduction of the detection assessment protocol
- Type of dummy to use



Safety Assist Assessment



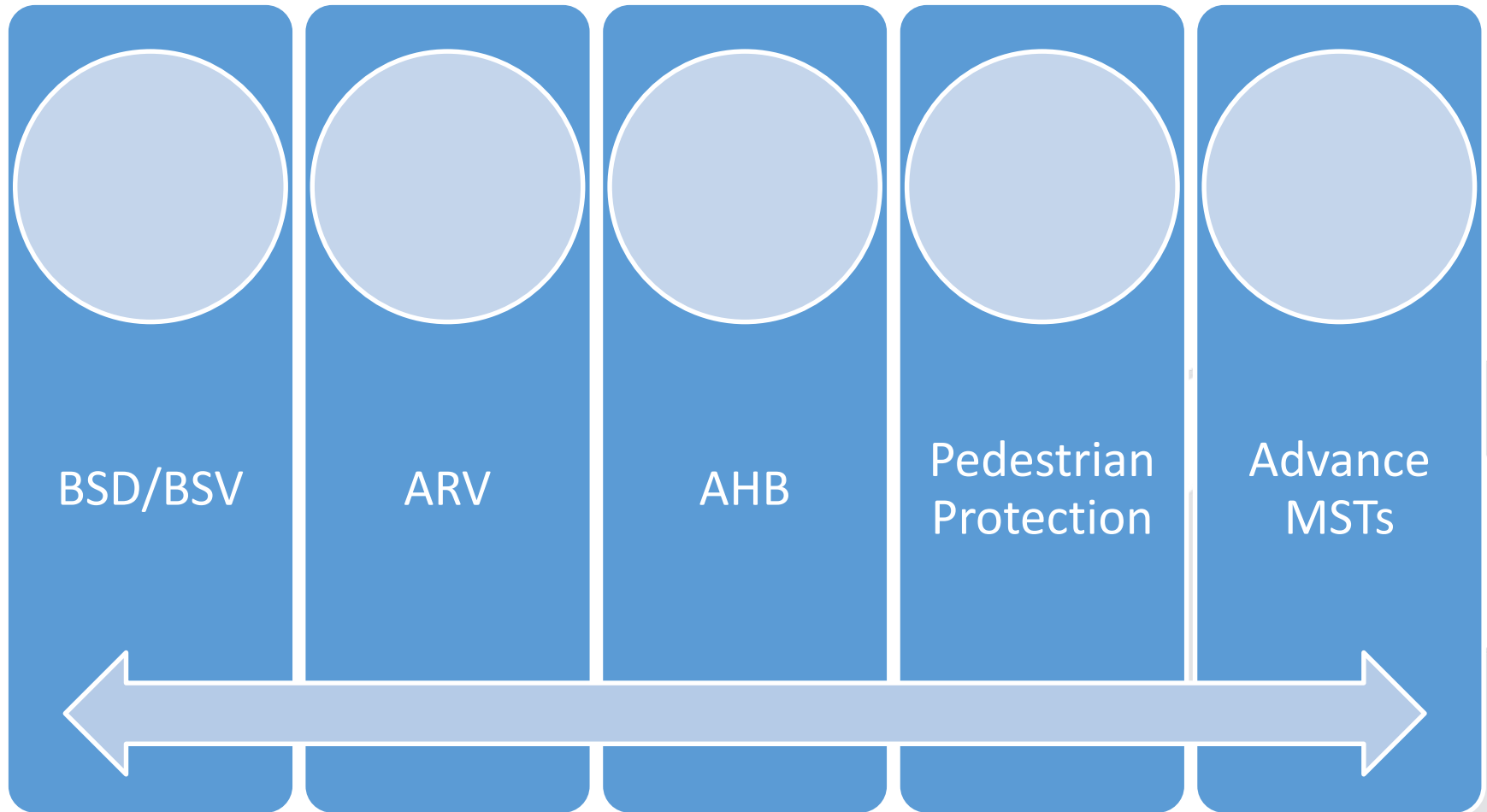
- Study on the possibility of introduction night condition to AEB Assessment
 - Without lighting condition
 - With lighting condition



- Study on possibility of introduction of event data recorder as one of the assessment point



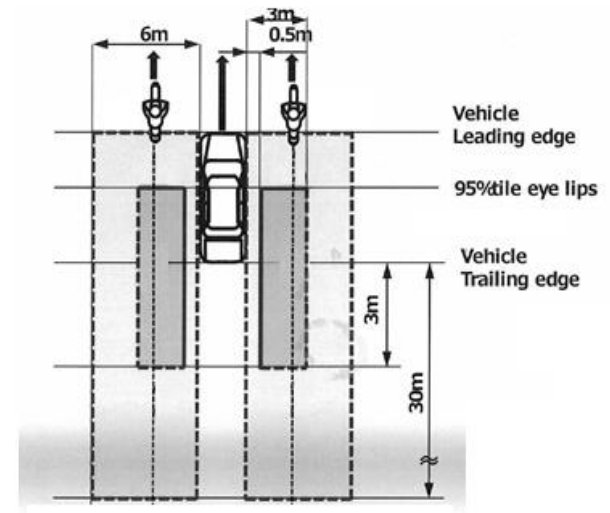
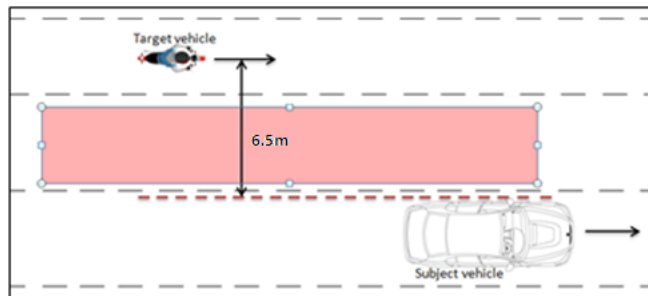
Motorcyclist Safety Assessment



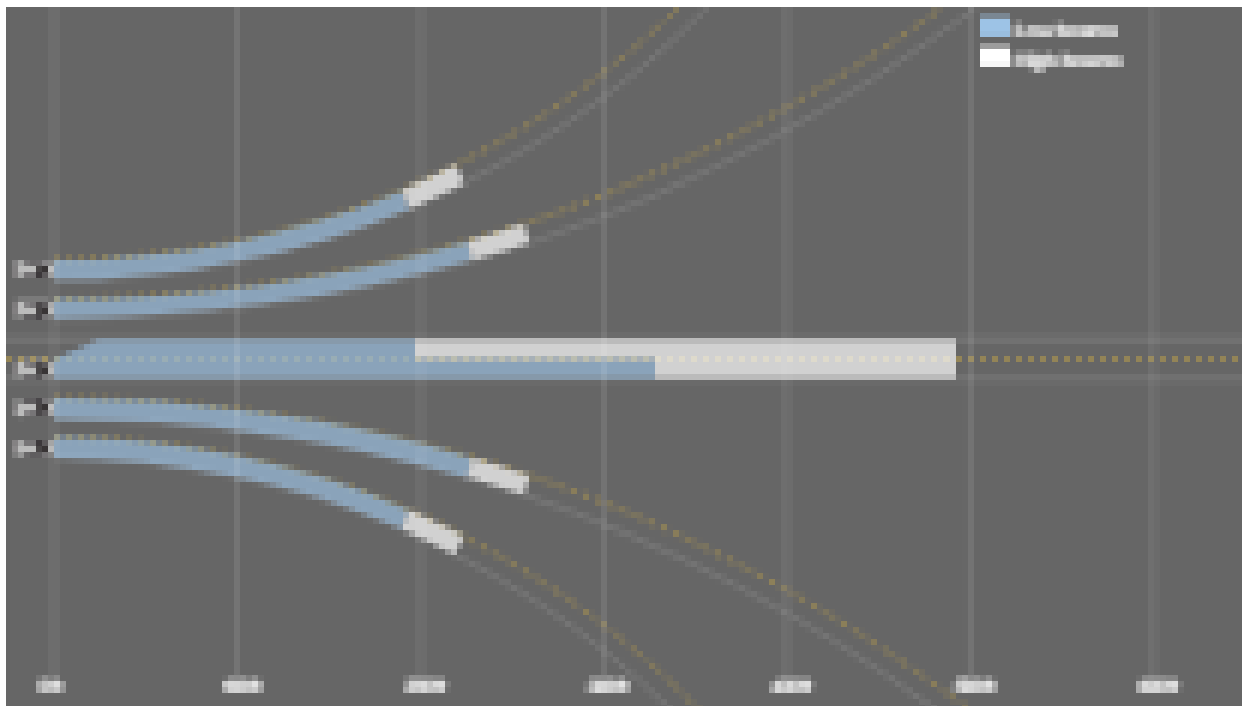
Blind Spot Detection

- Review the detection condition on the possibility of introducing scoring points
 - Position
 - Location

False Signal – Must Not Give Warning



- Study on the possibilities of introduction of headlight evaluation similar to the IIHS

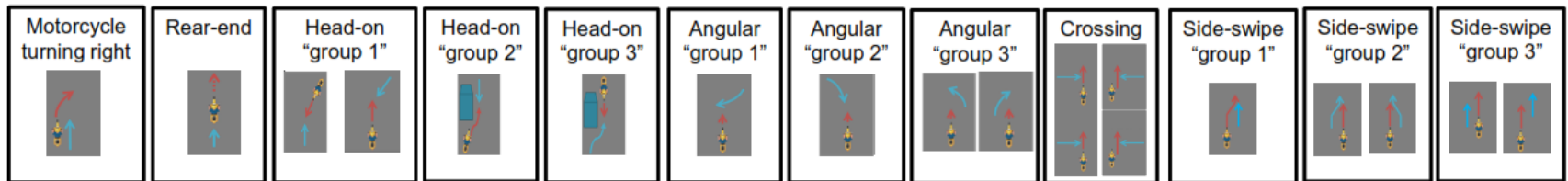


Incorporating OASIM study to ASEAN NCAP Assessment

- Motorcycle AEB
- BST
- Headlight
- Others



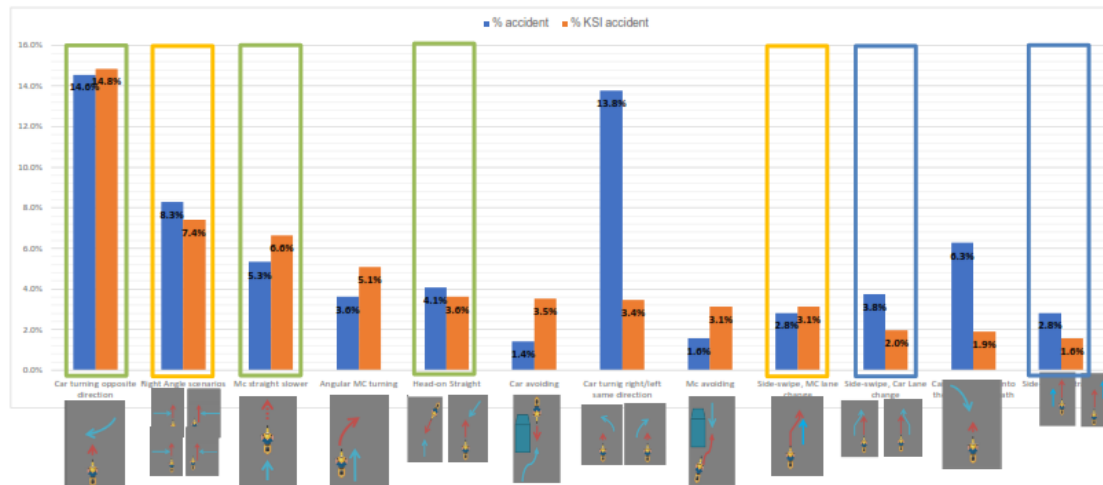
Example Data from OASIM study



Priority 1

Priority 2

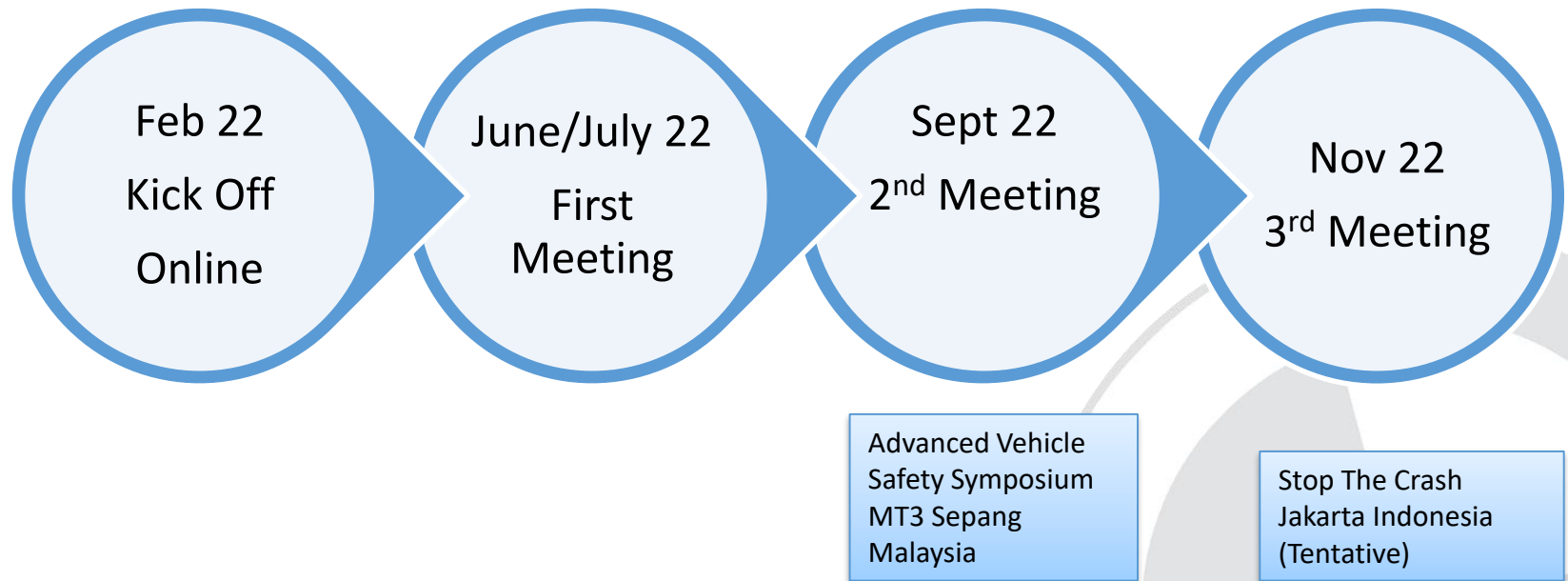
Priority 3



- ANCHOR IV research topics are based on the 2026 -2030 roadmap
- OEM participate in ANCHOR IV will be part of the protocol development
- Protocol development team will be formed from MIROS, OEM (ANCHOR Partners), researchers, and others

Planning Schedule

- Protocol will be announced by 1st April of 2024



- Schedule for 2023 will be announced later

- ASEAN NCAP will select 1 or 2 models for the assessment
- Selection Criteria
 - Hint : Stop the Crash Indonesia



THANK YOU FOR YOUR ATTENTION



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