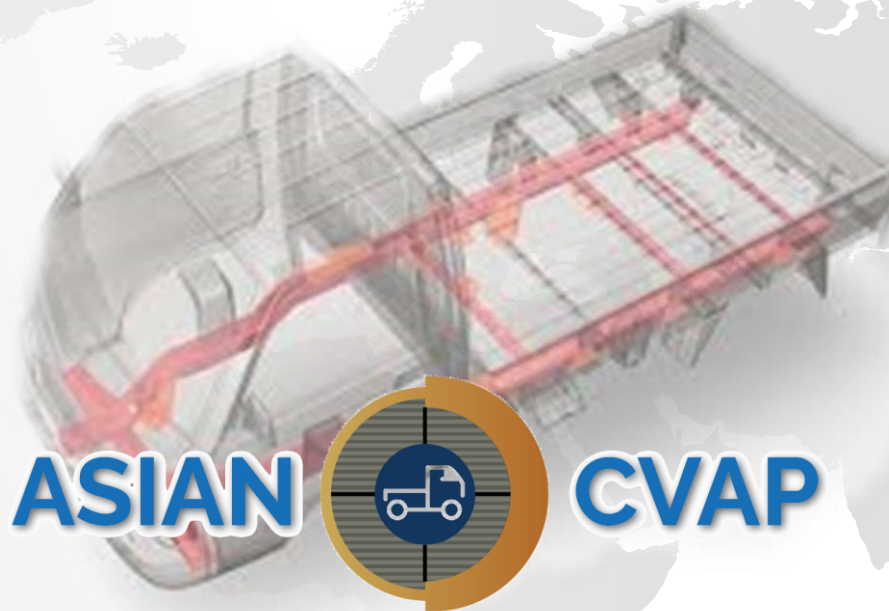




MIROS

MALAYSIAN INSTITUTE OF ROAD SAFETY RESEARCH

ASEAN ROAD SAFETY CENTRE



ASIAN

CVAP

Commercial Vehicle Assessment Program



CERTIFIED TO ISO 9001:2008
CERT. NO.: MY-AR 6006



JAPAN NCAP 2005

HIC value – 544.4



4-stars rating

ASEAN NCAP 2019

HIC value – 1358.84

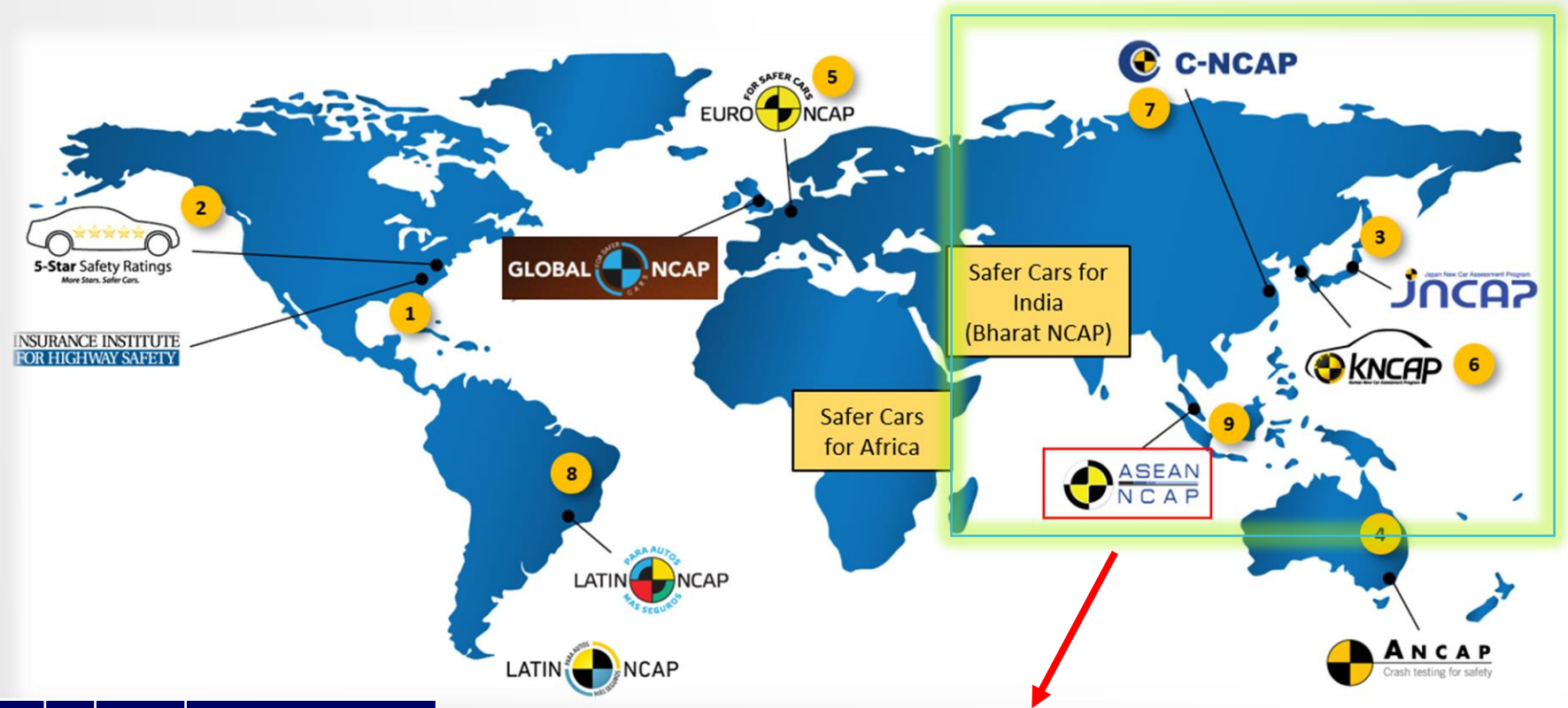


Zero-star rating

ASEAN NCAP POST-CRASH



ASIAN TERRITORY



#	Est. year	Countries	#	Est. year	Countries
1	1959	USA	6	1999	South Korea
2	1978	USA	7	2006	China
3	1991	Japan	8	2010	South America
4	1992	Australia & New Zealand	9	2011	Southeast Asian countries
5	1997	FRA, GER, ITA, ESP, SWE, NED, UK (EU)			

ASIAN CVAP

- Japan NCAP
- Korean NCAP
- China NCAP
- ASEAN NCAP



Bharat NCAP
Saudi NCAP

STAKEHOLDER

Financial Support



CVAP Coordinator



Subsidiary program

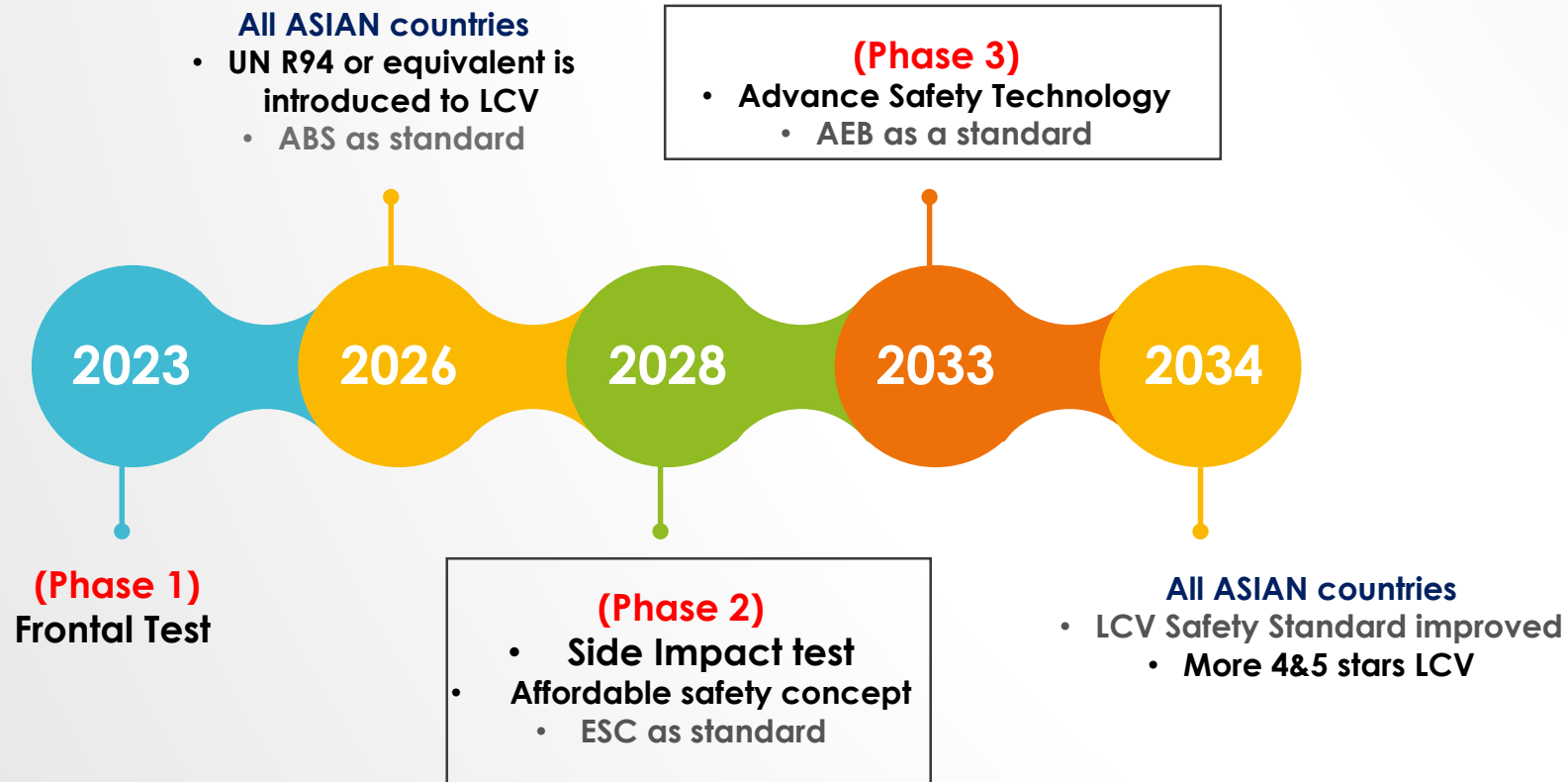


Bharat NCAP
Saudi NCAP

Technical Support



ROAD MAP (2023 - 2033)



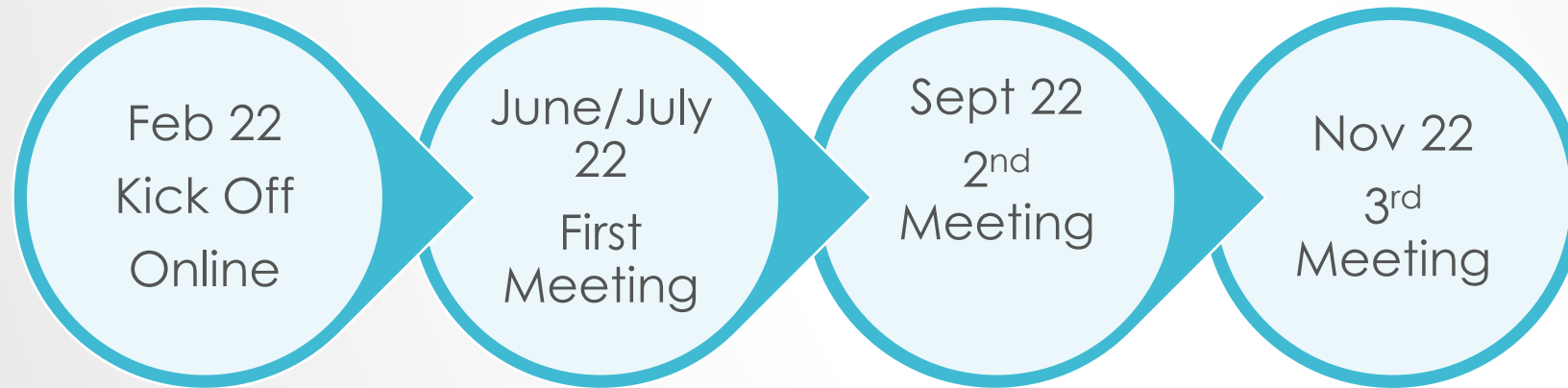
**Timeline of ASIAN CVAP in improving
Commercial Vehicle Safety**



CVAP PROTOCOL 2023-2026

 ASIAN CVAP	AOP	
	Item	Max
	Frontal	16
Score		16
Weighting		100%
	AOP (%)	
5 ★	80	
4 ★	70	
3 ★	60	
2 ★	50	
1 ★	40	

DISCUSSION AND MEETING



- 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

WAY FORWARD



Bharat NCAP
Saudi NCAP



2027

NCAP in ASIAN regions:

- All N1 vehicles must comply with **UN R94**
- At least with **two SRS airbags** as standard





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THANK YOU

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towards safer vehicles

