



16th Public and Private Joint Forum in Asian Region

New Regulations



Status Report on implementation of New Regulations - India



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New Regulations



New Standards implemented

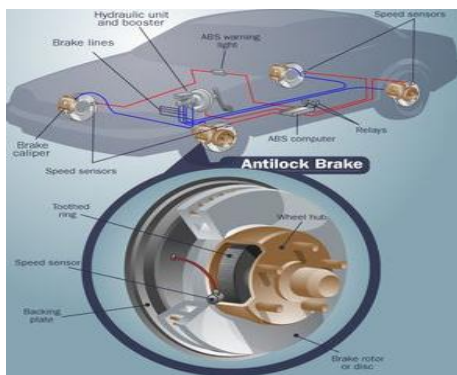


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Active Safety – Advanced Braking and ADAS



- Based on UN Regulations



AEBS

IS 11852:2019 (Ref. UN R 13 (R8, A4)),
w.e.f 1st Jan 2027 - NM
and 1st Oct 2027 - EM



Lane Departure Warning Systems

AIS 188, (Ref. UN R 130)



Blind Spot Information Systems

AIS 186, (Ref. UN R 151)



Moving off Information Systems

AIS 187, (Ref. UN R 159)

w.e.f 1st October 2027 - NM and 1st January 2028 - EM

- Based on EU Directives / Regulations



Driver Drowsiness

AIS 184, (Ref. Regulation (EU) 2019/2144),
w.e.f 1st October 2027 - NM and 1st
January 2028 - EM

NM – New Models
EM – Existing Models



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New Standards proposed for implementation

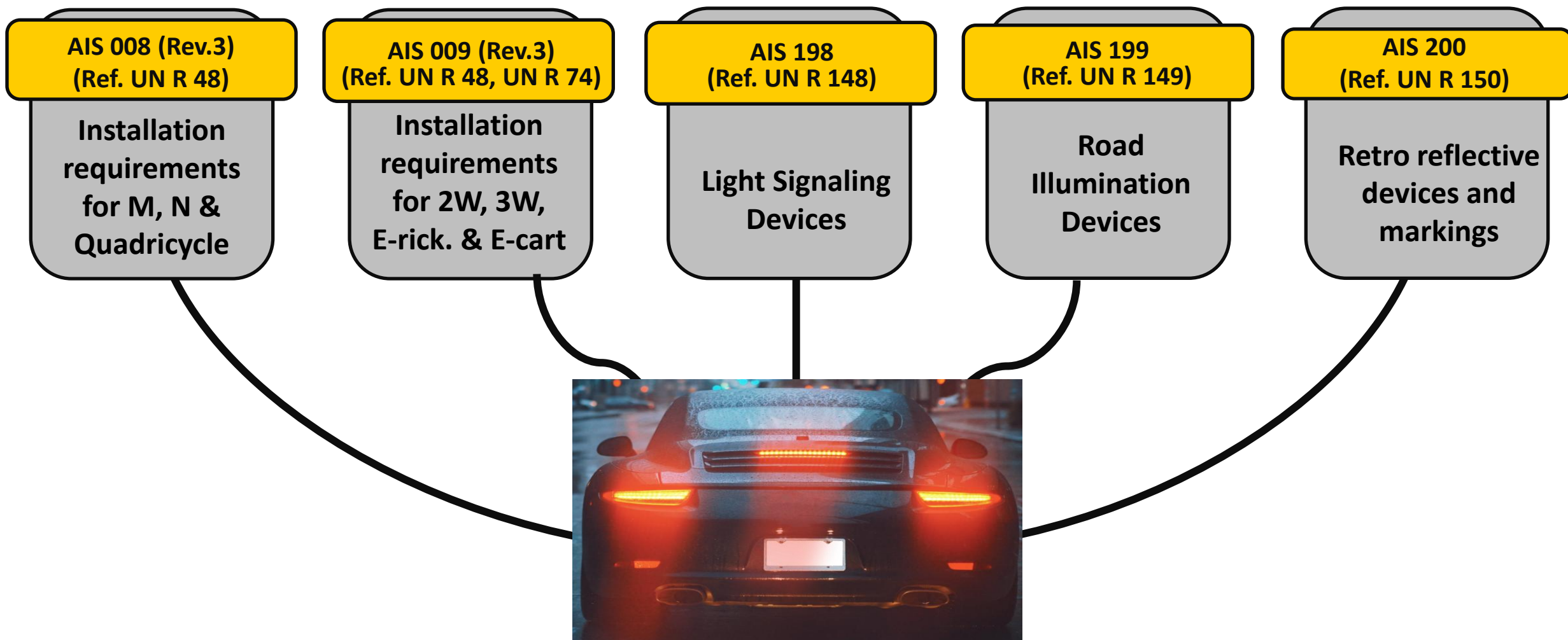


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Simplified Lighting Regulations



- Based on UN Regulations



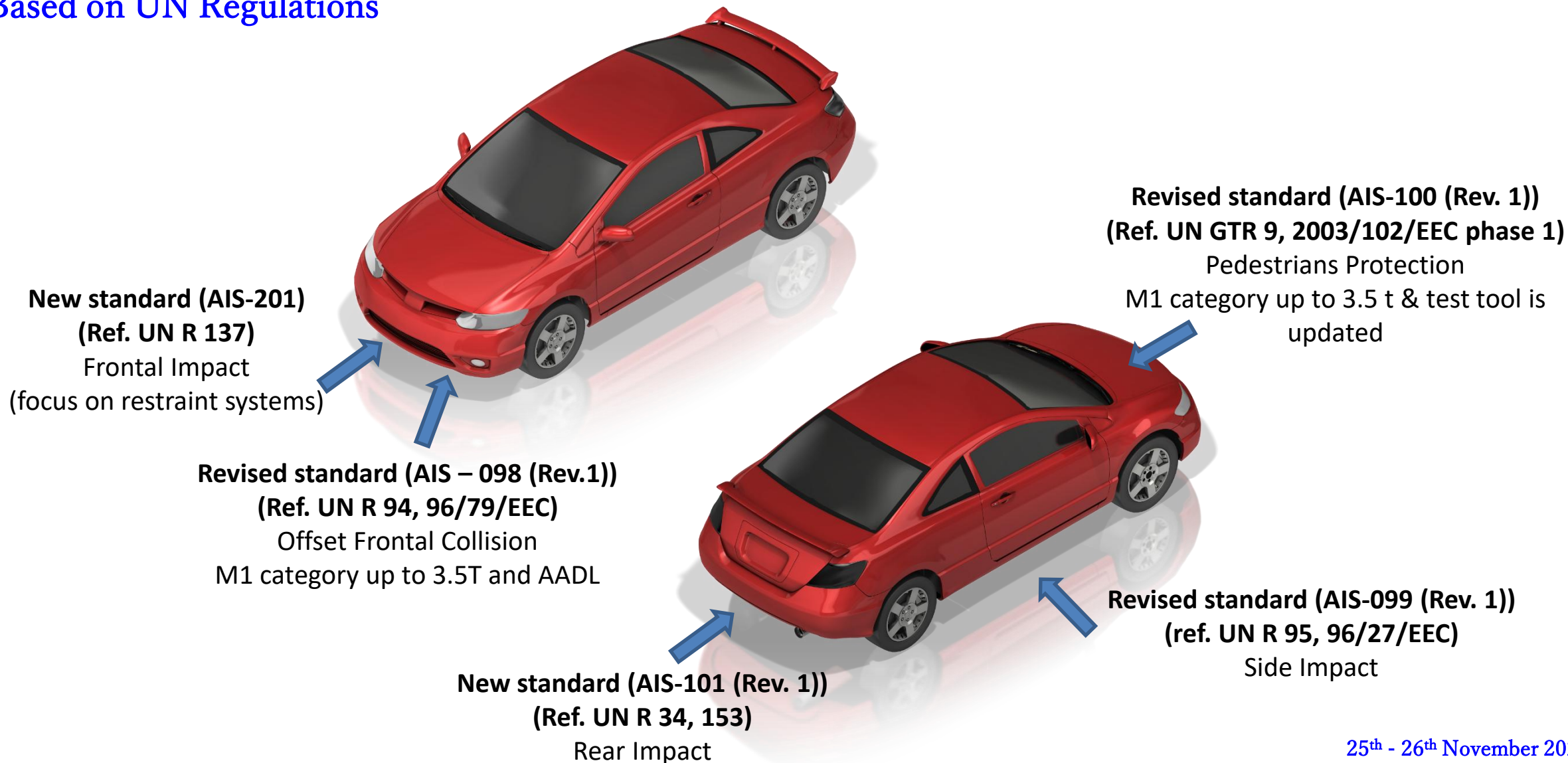


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Occupant safety



- Based on UN Regulations



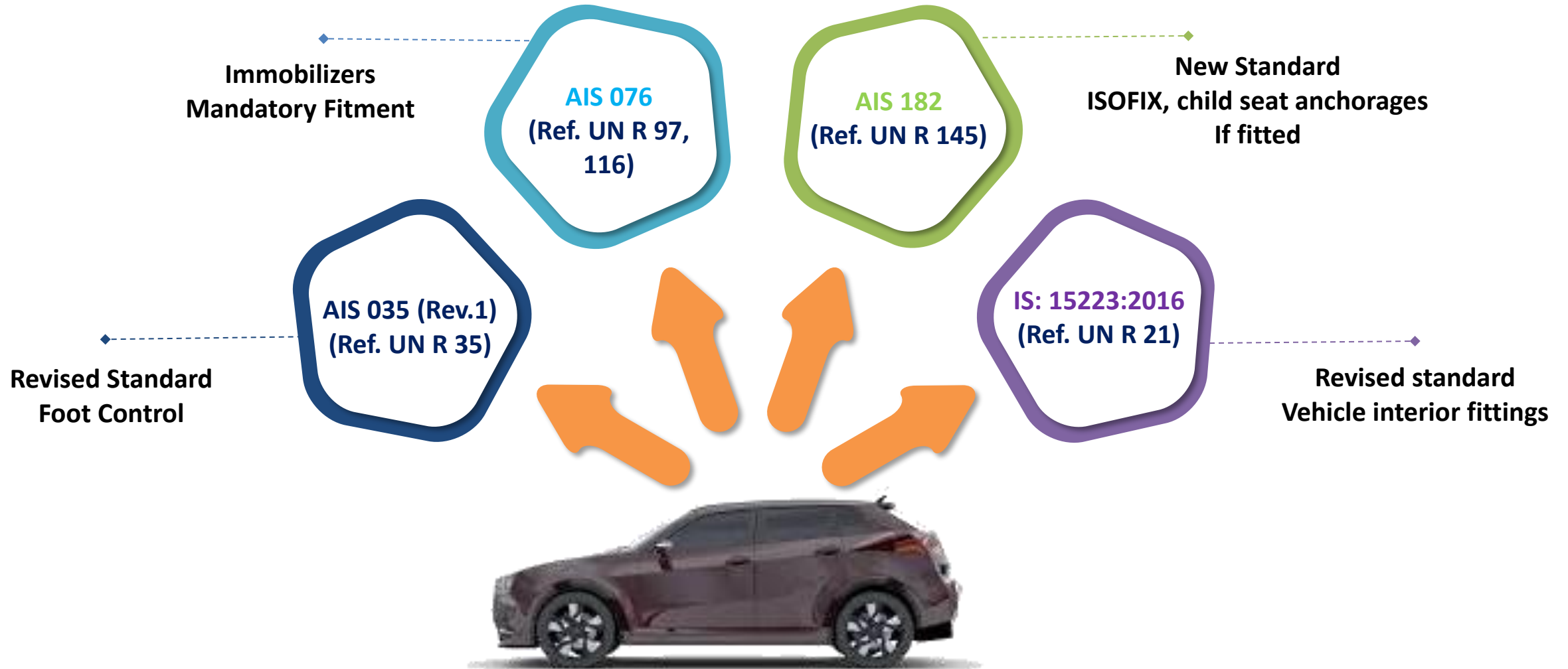


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Passenger Car Safety



- Based on UN Regulations





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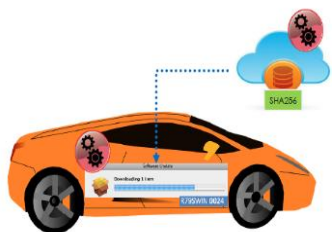
Advanced Driver Assistance Systems



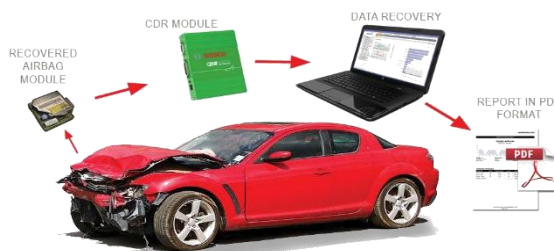
- Based on UN Regulations



Cyber Security & Management Systems (CSMS)
AIS 189 (Ref. UNR 155)



Software Updates and Management Systems (SUMS)
AIS 190 (Ref. UNR 156)



Event Data Recorder (EDR)
AIS 192 (Ref. UN R 160)



Advanced Steering Functionalities AIS 193
(Ref. UN R 79)

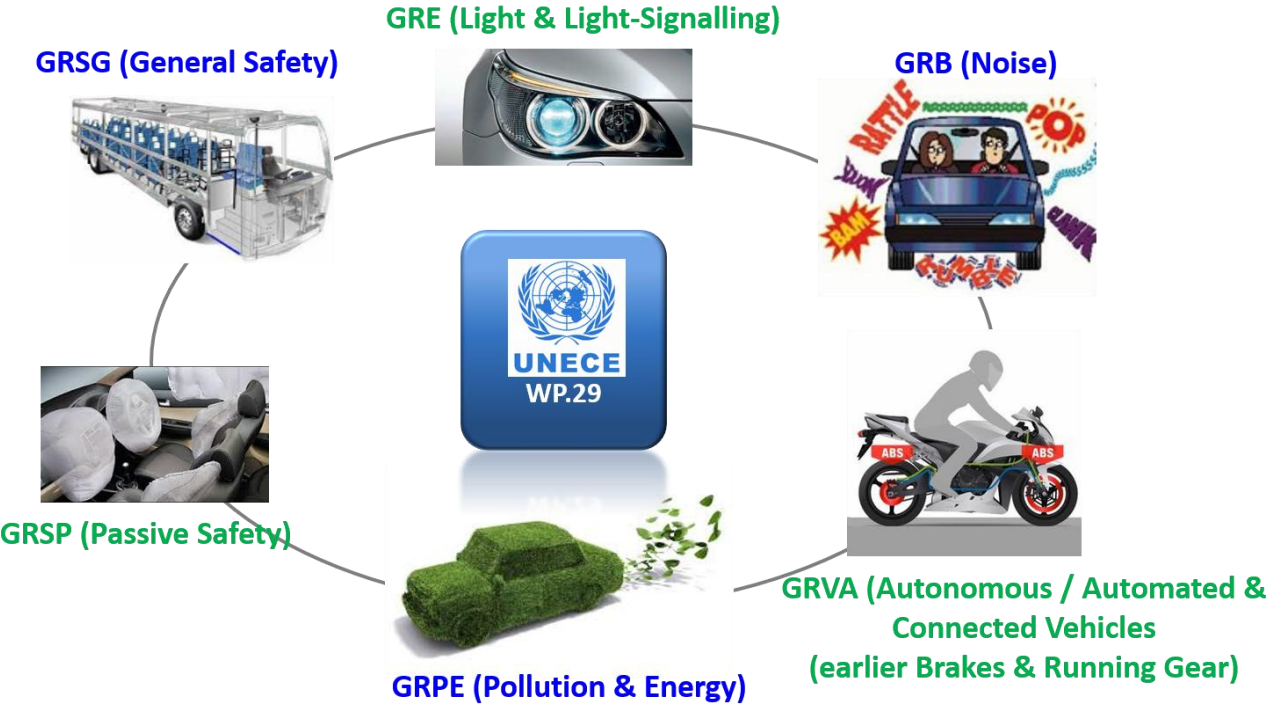
- Based on EU Directives / Regulations



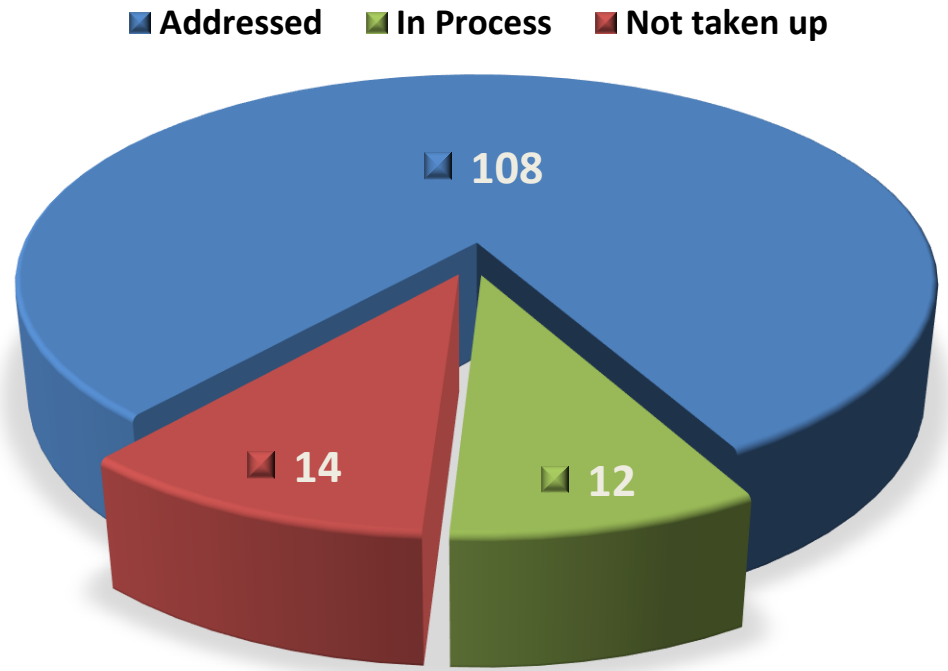
Emergency Lane Keeping Systems
AIS 191 (Part 1) (Ref. EU regulation 2021/646)



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Alignment of National Standards with UN Rs



Alignment of AIS/IS standards with
UN Regulations (Safety)



In India Six mirror- working groups are set-up, each consisting of about 20 experts from Industry associations, Test Agencies, BIS to study the subjects under discussion of India's interest in various sessions of working parties and participation therein.



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Alignment of National Standards with UN Rs



List of UN R's not initiated in India

Sr. No.	UN R	Subject
1.	5	Headlamps: Sealed-beam
2.	31	Headlamps: Halogen Sealed Beam
3.	88	Reflective tyres (category L)
4.	103	Replacement Catalytic Converters
5.	114	Airbags (For replacement market)
6.	126	Partitioning systems to protect passengers against displaced luggage (M1- Non-OE item)
7.	132	Retrofit Emission Control Devices (REC)
8.	142	Tyres installation
9.	143	Heavy Duty Dual-Fuel Engine Retrofit Systems (HDDF-ERS)
10.	144	Accident Emergency Call Systems (AECS)
11.	166	Vulnerable Road Users in Front and Side Close Proximity
12.	167	Vulnerable Road Users Direct Vision
13.	168	Global Real Driving Emissions (Global RDE)
14.	172	Retreaded tyres with regard to their snow performance

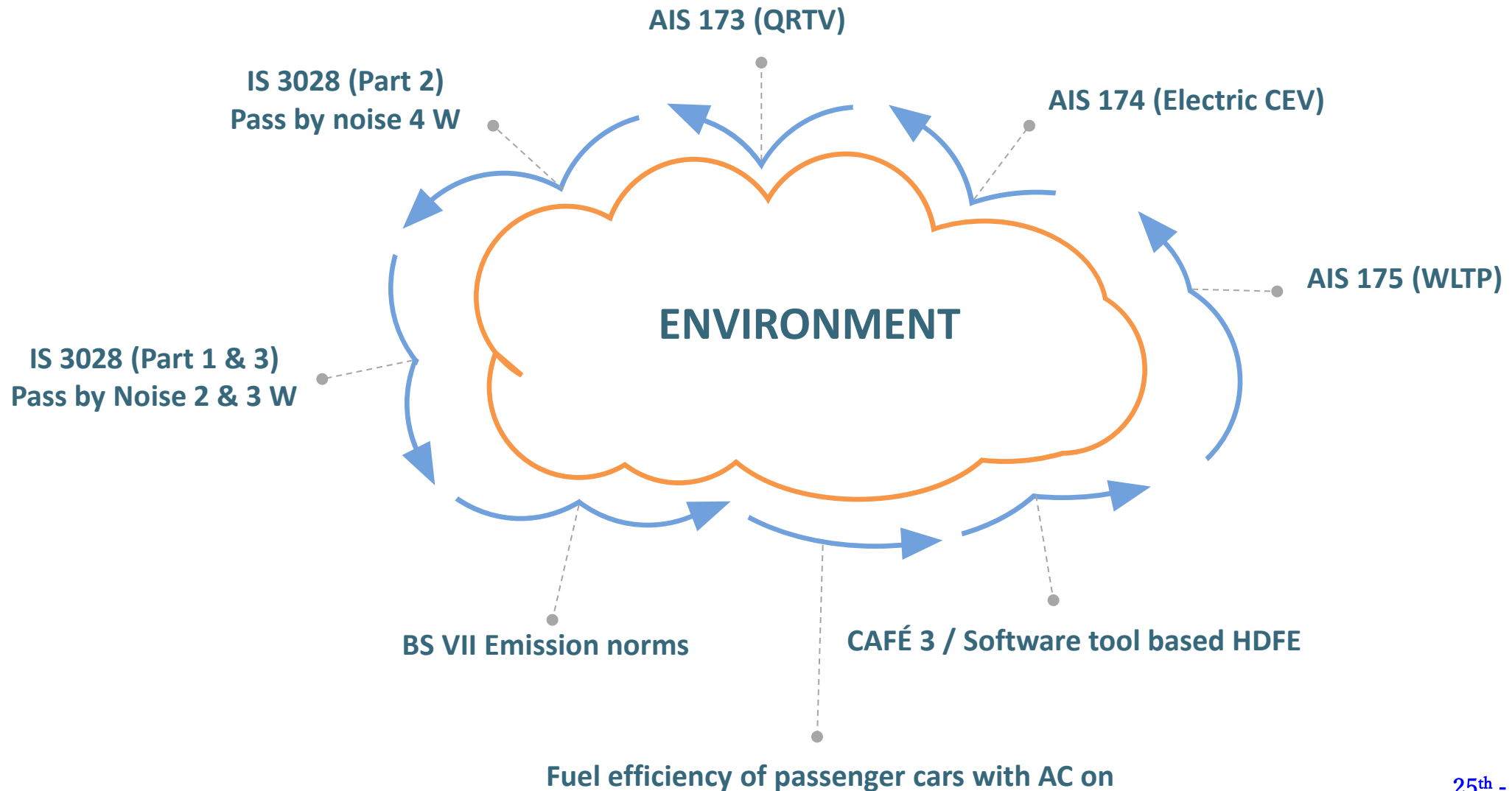


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Environment Protection



- Based on UN Regulations / EU Directives / US EPA





THANK YOU!