



Day 1

B04 - Vehicle Validation/Certification Roadworthiness Testing

Euro NCAP's road to Automated Driving

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Euro NCAP Overall Safety Rating

Promoting life-saving technology, standard fitment and robust performance

Overall rating ★ ★ ★ ★ ★

4 areas



17 tests



Offset-Deformable Barrier



Side Pole



CRS Installation Check



Head Impact



Lower Leg Impact



Speed Assistance



Lane Support



Full Width Rigid Barrier



Side Mobile Barrier



CRS Performance



Upper Leg Impact



AEB City



Seatbelt Reminders



AEB Interurban



Whiplash



AEB City



Vehicle Provisions



Grading of Automated Driving Functions

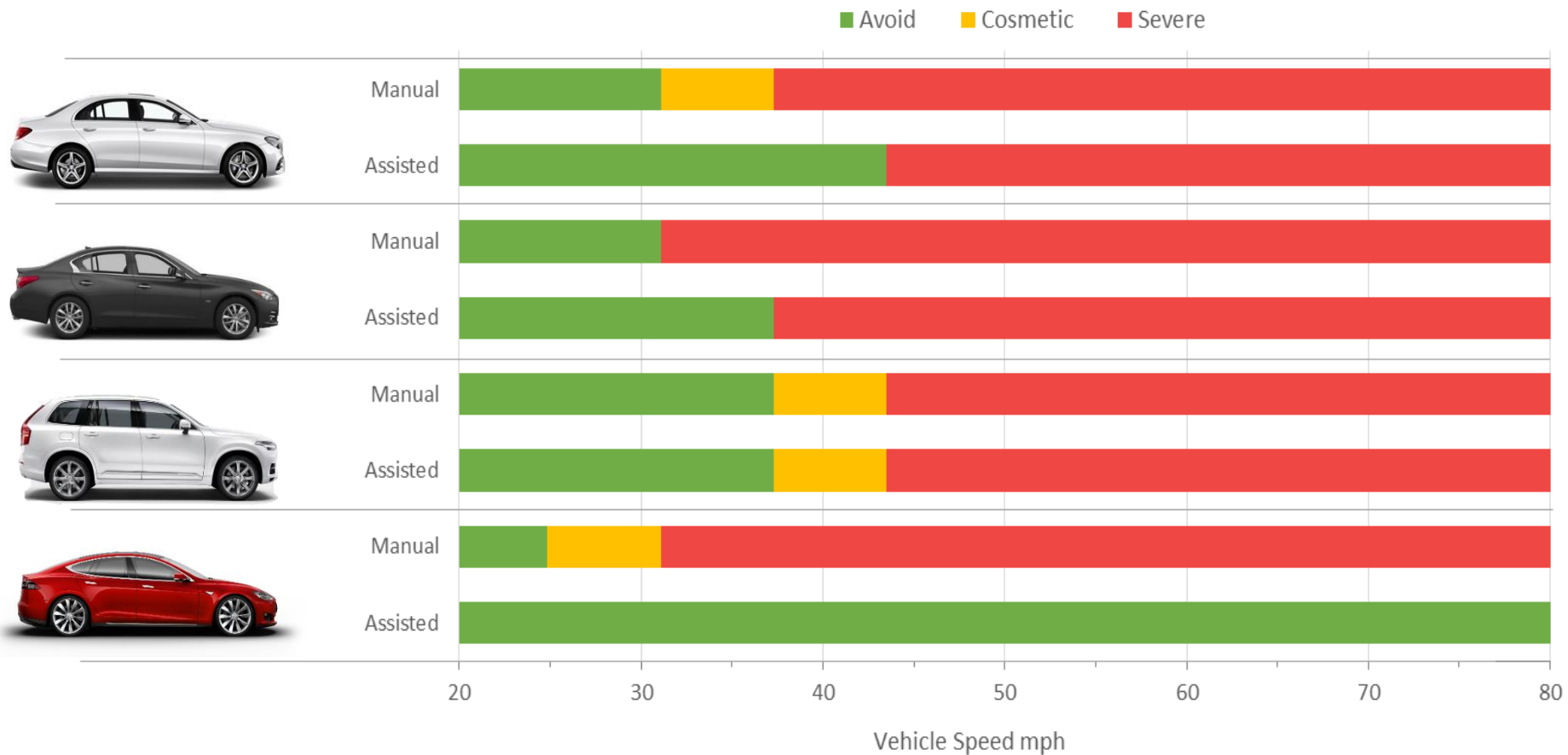
Automated Driving assessment based on functionalities

Horizon technologies to assess:

Use cases / domains	Speed range	Type of road	Level of automation	Examples of required emergency functions
Parking	[0-10]	Parallel parking Perpendicular parking	Assisted Automated	AEB City AEB Pedestrian
City driving	[5-25] [5-50]	City roads - Crossings - Traffic lights Any type of lane marking	Assisted Automated	AEB City AEB Pedestrian AEB Cyclists SAS LSS
Inter-Urban driving	[0-80]	Fully marked lane Single lane marking No lane marking	Assisted Automated	AEB City AEB Pedestrian AEB Cyclists SAS
Traffic jam (Inter-Urban & Highway)	[0-60]	Fully marked lane [Single lane marking] [No lane marking]	Assisted Automated	AEB City (AEB Pedestrian) (AEB Cyclists) LSS
Highway driving	[50-130]	Fully marked lane	Assisted Automated	AEB Inter-Urban LSS SAS



Stationary target

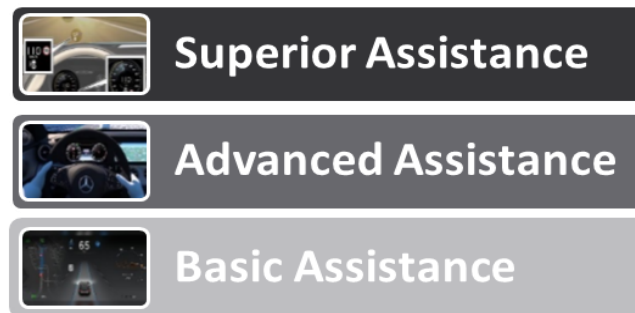




Subdivision of Grading Scales



First work and communication will focus on 'Continuous Assistance' systems only



Or "Not available" / "Not recommended"