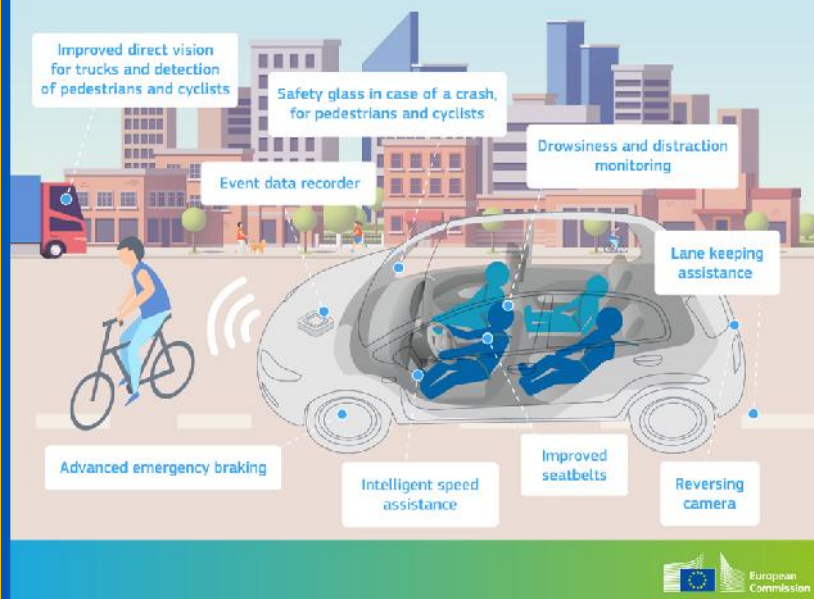


Europe on the Move

New safety features in your car



General Safety Regulation protecting vehicle occupants and vulnerable road users

Status of the implementing legislation

*Directorate-General for Internal Market, Industry,
Entrepreneurship and SMEs*






















Automotive and Mobility Industries Unit

IMCO Committee, European Parliament – 22 February 2022

New vehicle safety requirements in the EU

- Proposed as part of the **3rd Mobility Package** on 17 May 2018
- New advanced vehicle safety features **agreed in 2019** (*General Safety Regulation (EU) 2019/2144*)
- Focus on new **accident avoidance** and **driver assist** systems
- Better **occupant protection** in frontal, side and rear impacts
- Specific focus on **pedestrian and cyclist protection**, around the vehicle
- Provide the legal framework for **automated and connected driving**
- **Applies from 6 July 2022** for most new safety measures (some will be implemented later for reasons of technological complexity and development duration)
- Technical requirements under development (secondary legislation)

Technical rules – implementation in 3 phases

1 st phase of implementation (A/B)		2 nd phase of implementation (C)		3 rd phase of implementation (D)	
<ul style="list-style-type: none"> ✓ Intelligent speed assistance (ISA)* ✓  ✓ Emergency lane keeping (cars and vans) ✓  ✓ Advanced emergency braking for stationary/moving vehicles (cars and vans) ✓  ✓ Event data recorder (cars and vans)* ✓  ✓ Driver drowsiness and attention warning* ✓  ✓ Alcohol interlock installation facilitation* ✓  ✓ Emergency stop signal* ✓  ✓ Reversing detection* ✓  ✓ Blind spot information system (trucks and buses) ✓  ✓ Pedestrians and cyclists collision warning (trucks and buses) ✓  ✓ Tyre pressure monitoring system (vans, trucks and buses) ✓  ✓ Cybersecurity & software update ✓  		<ul style="list-style-type: none"> ✓ Advanced emergency braking for pedestrians and cyclists (cars and vans) ✓  ✓ Advanced driver distraction warning  ✓ Enlarged head impact zone (cars and vans) ✓  ✓ Tyres in worn condition ✓  ✓ Event data recorder (for automated vehicles) ✓  ✓ Driver availability monitoring (for automated vehicles) ✓ (ALKS)  ✓ Platooning (for automated trucks)  		<ul style="list-style-type: none"> ✓ Direct vision requirements (trucks and buses) ✓  ✓ Event data recorder (trucks and buses)*  <p><i>Pedestrian protection for small series:</i></p> <ul style="list-style-type: none"> ➤ mid-2028 (new types) ➤ mid-2034 (new vehicles) 	
new types	new vehicles/parts	new types	new vehicles/tyres	new types	new vehicles
6 July 2022	7 July 2024	7 July 2024	7 July 2026	7 Jan 2026	7 Jan 2029
Supplementary legislation to be adopted by: 6 April 2021		7 April 2023		7 September 2024	
* Detailed technical requirements to be set out in Delegated Acts.					

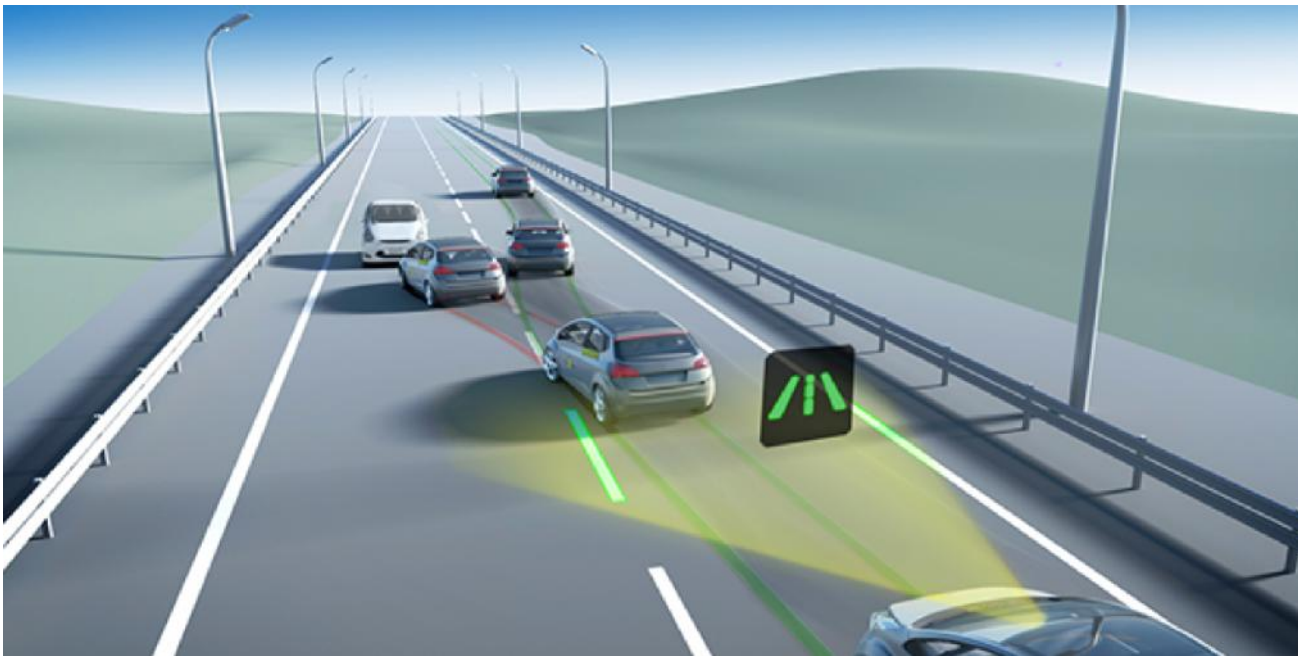
Regulation (EU) 2019/2144 enters into force on 5 January 2020.

✓ = Text frozen

✓ = Draft text

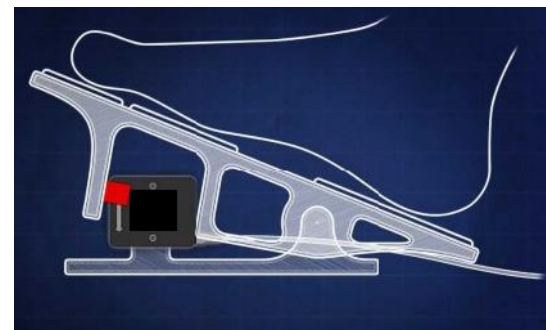
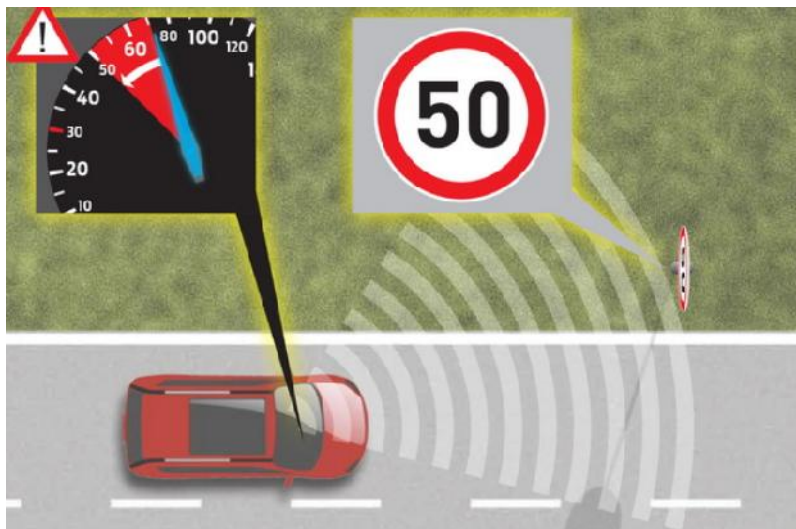
draft Commission Implementing Regulations

- All existing measures already obligatory in the EU (carry-over)
- Emergency Lane Keeping Systems



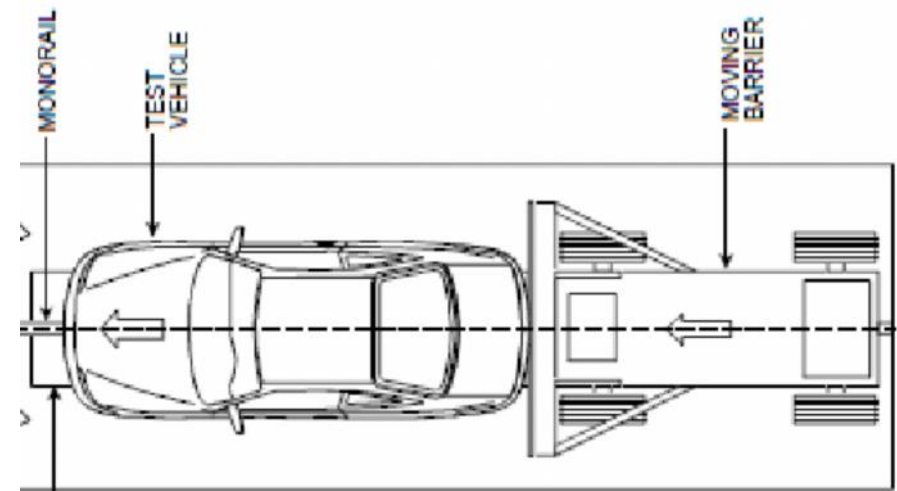
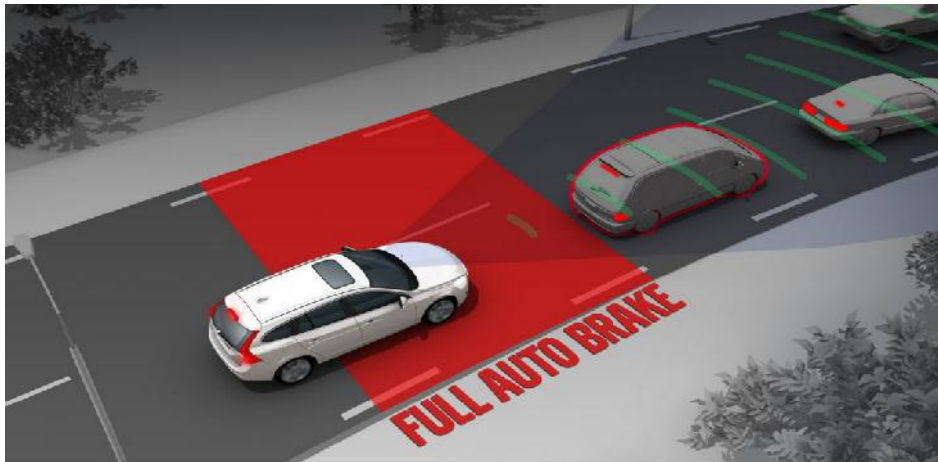
draft Commission Delegated Regulations

- Driver Drowsiness and Attention Warning
- Alcohol Interlock Installation Facilitation
- Intelligent Speed Assistance
- Event Data Recorder
- *Update of Annexes I & II GSR (UN Regs)*



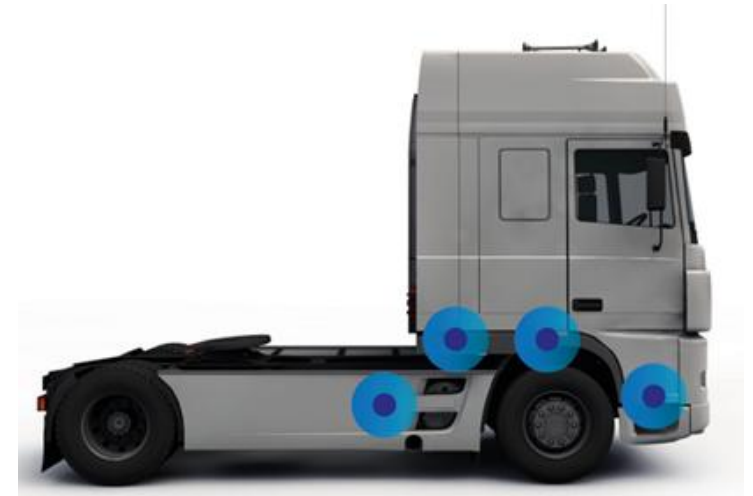
UNECE Regulations

- Automatic Emergency Braking System (vehicles / pedestrians / cyclists)
- Cybersecurity / Software update
- Emergency Stop Signal
- *Systems for automated vehicles (ALKS)*

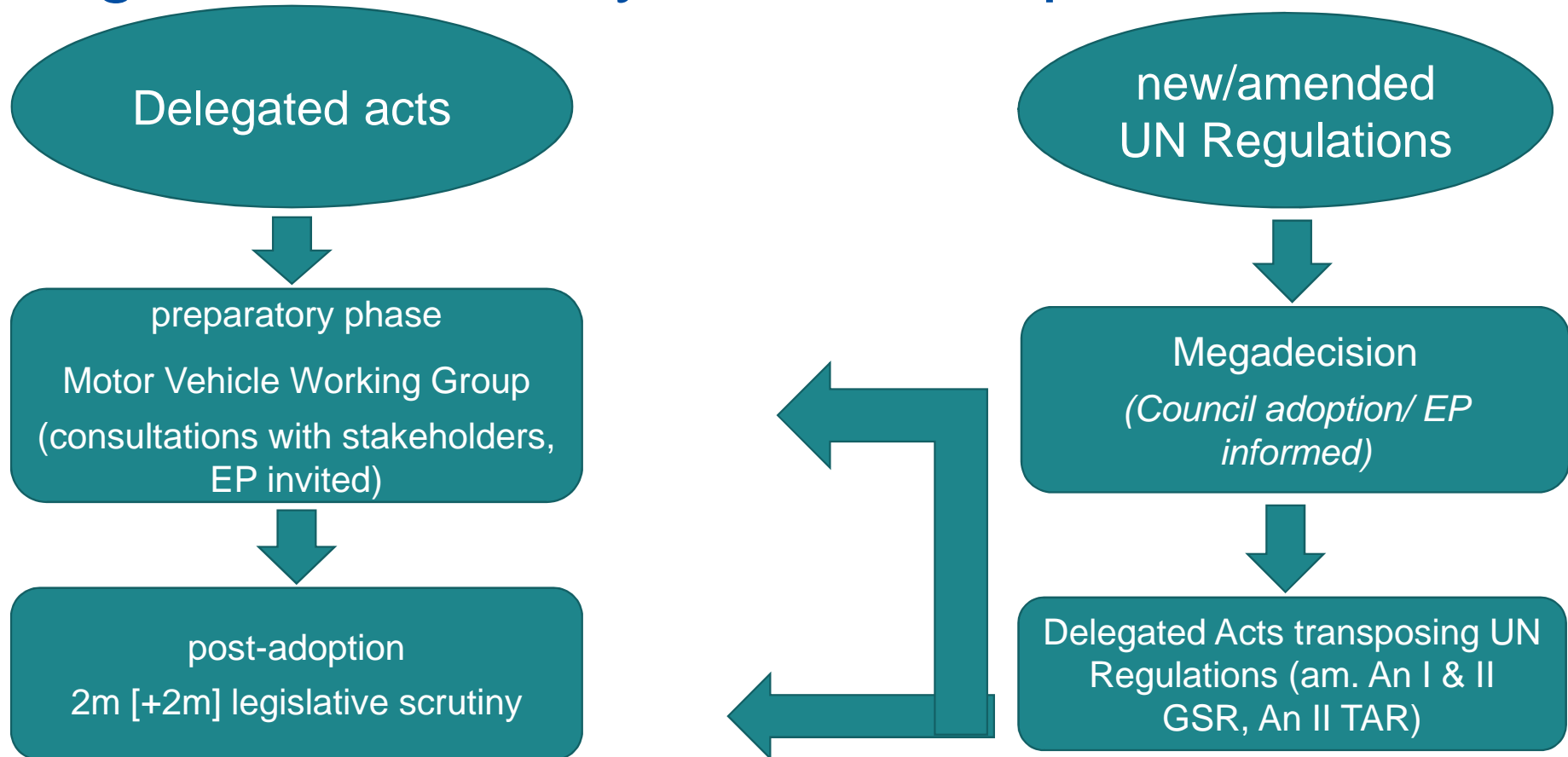


UNECE Regulations

- Blind Spot and Moving Off Information System
- Reversing Safety
- TPMS for vans and heavy duty vehicles
- Direct Vision for Trucks and Buses (in progress)



Legislative scrutiny of the European Parliament



✓ possibility for technical meetings on particular subjects

✓ 1st COM Report on UNECE activities in Jan 2023 (Art. 14(2) GSR)

Where are we now?

For measures applying as from July 2022

- Commission Implementing Regulations will be adopted by April 2021
- Commission Delegated Regulations will be adopted by April 2021
- UNECE Regulations on the last two measures from 1st phase of GSR implementation are going through the final WP.29 adoption procedures in March 2021 (TPMS and EDR)
- GSR obligations are *on track* to be available as laid down in the Regulation

Thank you

For further information:

Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs
Automotive and Mobility Industries Unit

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