



ENSEMBLE

Future regulations

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CONTEXT



CONTEXT



FROM THE IDEA...

CONTEXT



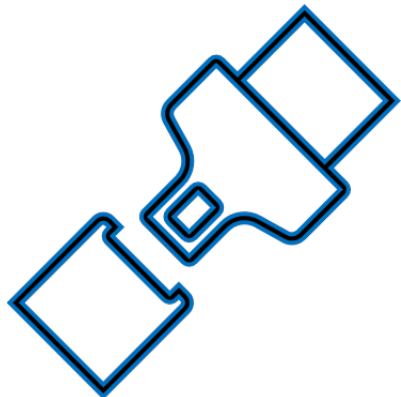
TO THE REALITY...

RULEMAKING ACTIVITIES

The slide features three thick horizontal bars at the bottom. The top bar is dark blue, the middle bar is light blue, and the bottom bar is grey.

Regulation (EU) 2019/2144: General Safety Regulation:

“**Vehicle platooning** has the potential to bring about safer, cleaner and more efficient transport in the future. In anticipation of the introduction of platooning technology and the relevant standards, **a regulatory framework with harmonised rules and procedures will be needed**”



RULEMAKING ACTIVITIES

Regulation (EU) 2019/2144: General Safety Regulation:

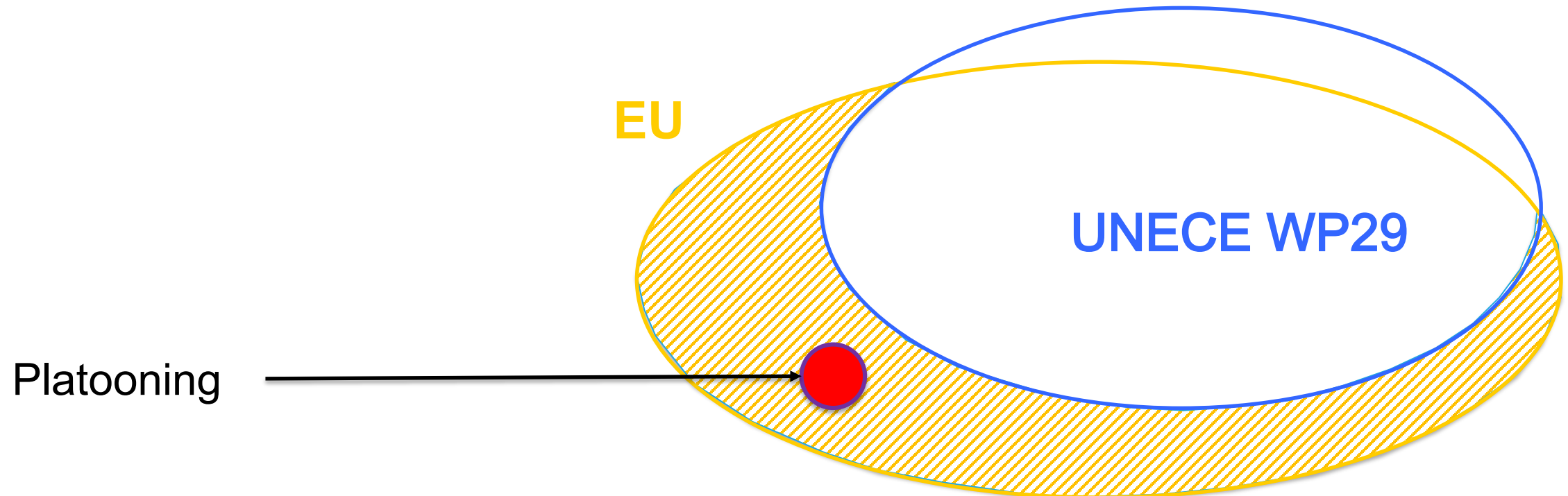
Subject	Regulatory acts	M ₁	M ₂	M ₃	N ₁	N ₂	N ₃
E8 Platooning	???		B ⁽¹⁾	B ⁽¹⁾		B ⁽¹⁾	B ⁽¹⁾

B⁽¹⁾ Mandatory if fitted (New Approvals from 07/2022 – Existing approvals from 07/2024)

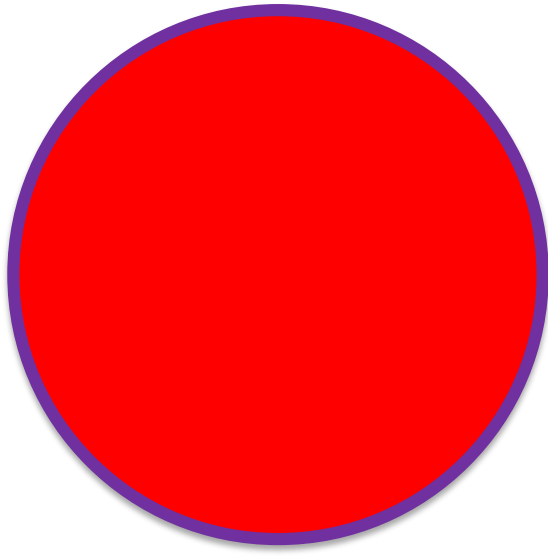
PROPOSAL

The bottom of the slide features three thick, horizontal stripes. The top stripe is dark blue, the middle stripe is a lighter blue, and the bottom stripe is grey.

Alignment between GSR and UNECE WP29



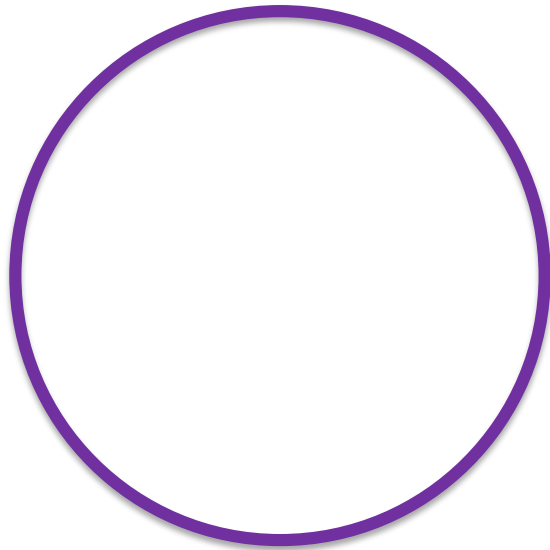
PROPOSAL



PROPOSAL



Draft EU Regulation on Automated Driving



UN R.1

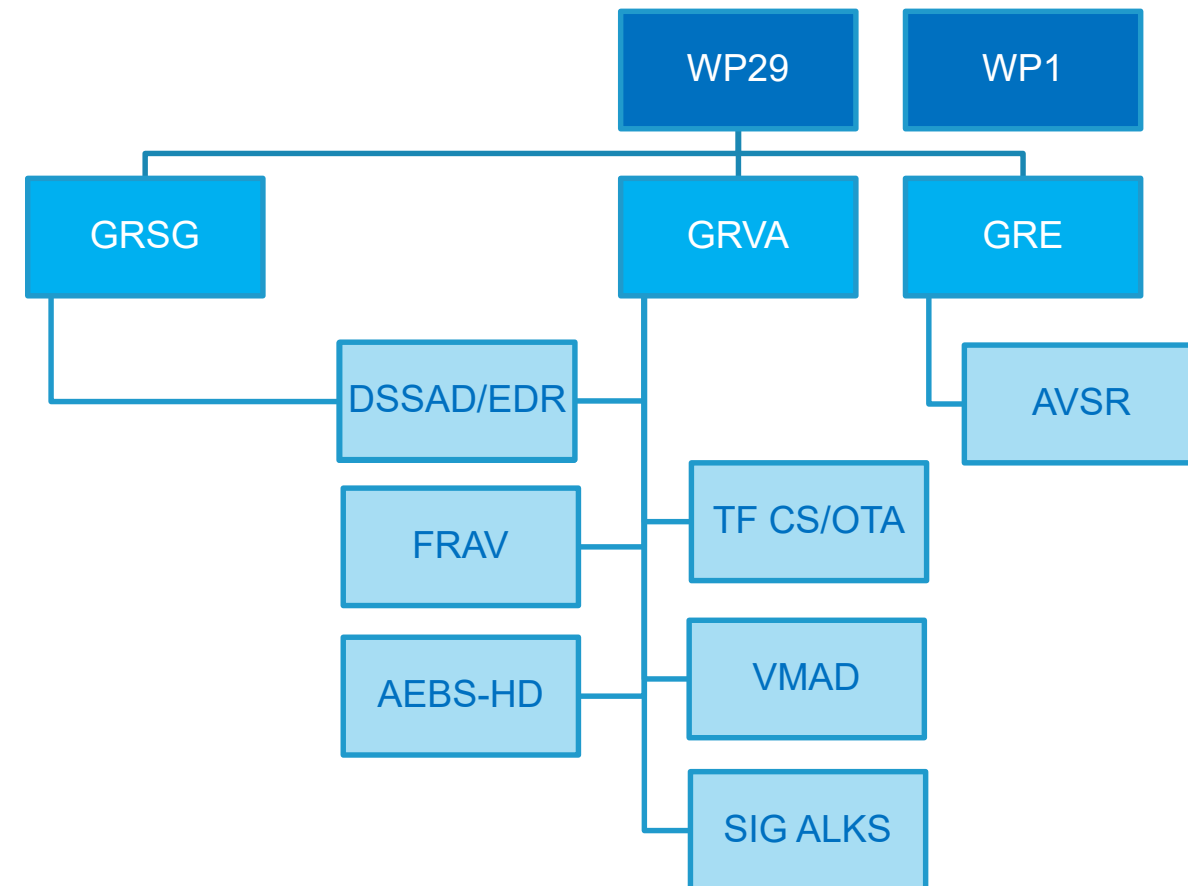
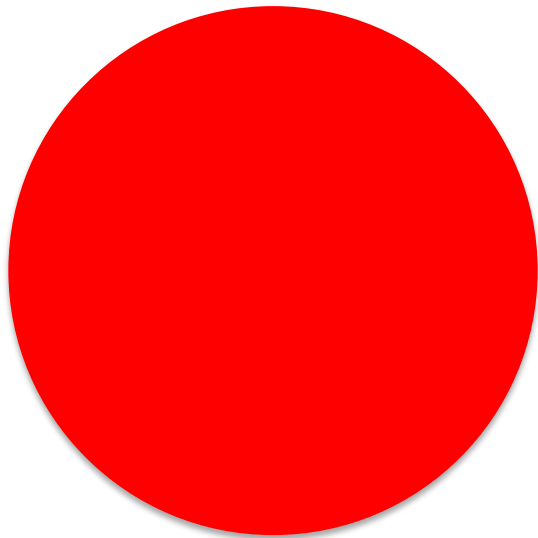
Find

Find

Previous

Next

PROPOSAL



Functional and construction requirements



System safety



Failsafe response



Cybersecurity



Software updates



HMI



EDR

PROPOSAL

Validation and assessment methods

Track testing



Assessment + simulation



Real world testing

CONCLUSIONS

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CONCLUSIONS



CONCLUSIONS



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Thank you for your attention



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