



INLAND TRANSPORT COMMITTEE



UNECE

ITS and WP.29

Short introduction

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Recent developments

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- WP.29
 - Adoption of the Framework document on ADS
- IWG on ITS
 - History:
 - Created in 2003
 - Transformed into IWG on ITS/AD in 2014
 - Revamped IWG on ITS
 - Co-chaired by UK, USA and Japan
 - First session in November 2019
 - ➔ Exchange of views with the road infrastructure sector

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Vehicle automation

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- Activities under WP.29:

- GRVA

- Work according to the Framework Document (presented earlier).

Highlights – work completed by GRVA:

- CS/OTA: new UN Regulation on OTA software → adoption in June 2020 by WP.29

Expected in 2020 – work ongoing at GRVA:

- Draft new UN Regulation on ALKS
 - Draft new UN Regulation on Cybersecurity

- GRSG

- Exchange of views concerning Automated Shuttles
 - Presentation by France on their national activities

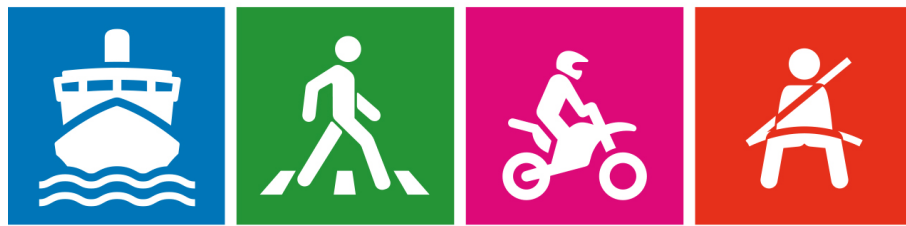
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Vehicle automation

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- Draft UN Regulation on «Automated Lane Keeping System» (ALKS):
 - *Level 3* on «motorway» at low speed (e.g. congestion < 60km/h)
 - Technical requirements – focus on system interactions with the driver:
 - Driver monitoring requirements
 - Transition demand
 - Minimum Risk Manoeuvre
 - Emergency Manoeuvre
 - Innovative testing provisions compatible with the Type Approval System
 - Functional and operational safety assessment: includes advanced audit provisions
 - Data Storage System for Automated Driving
 - Software updates (incl. OTA provisions)
 - ➔ Potential adoption during the additional GRVA session in March 2020



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Thank you!