

ISO PAS 8800

Road Vehicles –

Safety and Artificial Intelligence

ISO TC22/SC32/WG14

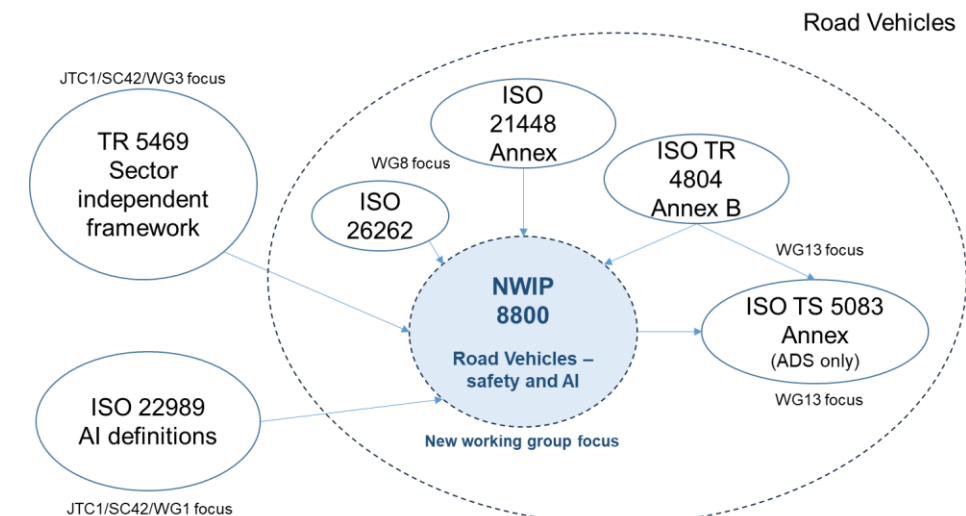
Convenor & Project Lead: Simon Burton, Fraunhofer IKS

Presentation to UNECE WP.29 GRVA 11th session on 2021-09-27

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Strategy and Objectives

- **Industry-specific guidance** on safety-related AI/ML functions
- Define suitable **safety principles, methods and evidence** fulfilling objectives with ISO 26262 (functional safety) and ISO 21448 (safety of the intended functionality)
- **Harmonize concepts** already described in Annexes of ISO/TR 4804 and ISO 21448
- Build upon generic guidance from **ISO/IEC TR 5469**
- Scope is road vehicles, **not restricted to automated driving functions** or specific ML techniques



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Status and Next Steps

- Balloting phase for NWIP successfully completed 2021-09-01
- Balloting phase underway to establish new WG in TC22/SC32 (completion by 2021-10-09)
- Proposed WG convenor and project lead:
Simon Burton, Fraunhofer Institute for Cognitive Systems
- Project start expected November 2021, duration 24 Months
- Initial phase of work – establish scope and structure of document
- Recommendation:
Reporting of progress and sync with UNECE WP.29 in ca. 6 months

