Outcomes of the CITA Conference
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Eduard Fernández
e.fernandez@citainsp.org
Main outcomes

- From inspection to whole-life compliance
- The legal framework of vehicles consistent with new technologies
- Coordination of requirements during all stages of vehicles’ life
- Engineers, not lawyers, have to contribute
- Impartial assessment
- Fair access to information and systems
Split session “Environmental Protection”

\( \text{NO}_X \) - Test methods with load simulation

- Loaded tests can be done quickly;
- Loaded tests are meaningful for \( \text{NO}_X \) measurements;
- Specific technical information concerning after treatment systems, software strategy …
PTI-PN test procedure for vehicles with a DPF

✓ Some countries (DE, NL, CH, BE) will implement PN measurements in the next years;
✓ Test at low idle is quick;
✓ Other countries were interested in these projects;
Quality Catalytic Converters

- Some replacement Cats have poor quality;
- Test procedure (loaded) to test Cats where separate from CO also NO_\textsubscript{X}, and HC should be evaluated;
In General

✓ Emission controls technologies: anti-tampering provisions and improved controls are important for maintaining the low emissions during the lifetime of the vehicles,
In General

✓ The combination of comprehensive OBD-information and emission tests are necessary for a proper evaluation

✓ A need for specific technical information of the vehicle,
Looking to the future: Going from PTI to whole life compliance

✓ For this reason we need a complete package of different tests to verify the emissions. Starting with type approval regulations, durability requirements, in-service compliance testing, (E)OBD, road side testing, remotes sensing and enhanced PTI emission tests
THANK YOU