



70th GRBP
11-13 September 2019

***Study on requirements and test
procedures for TPMS for vehicle
categories M2, M3, N2, N3, O3 and O4***

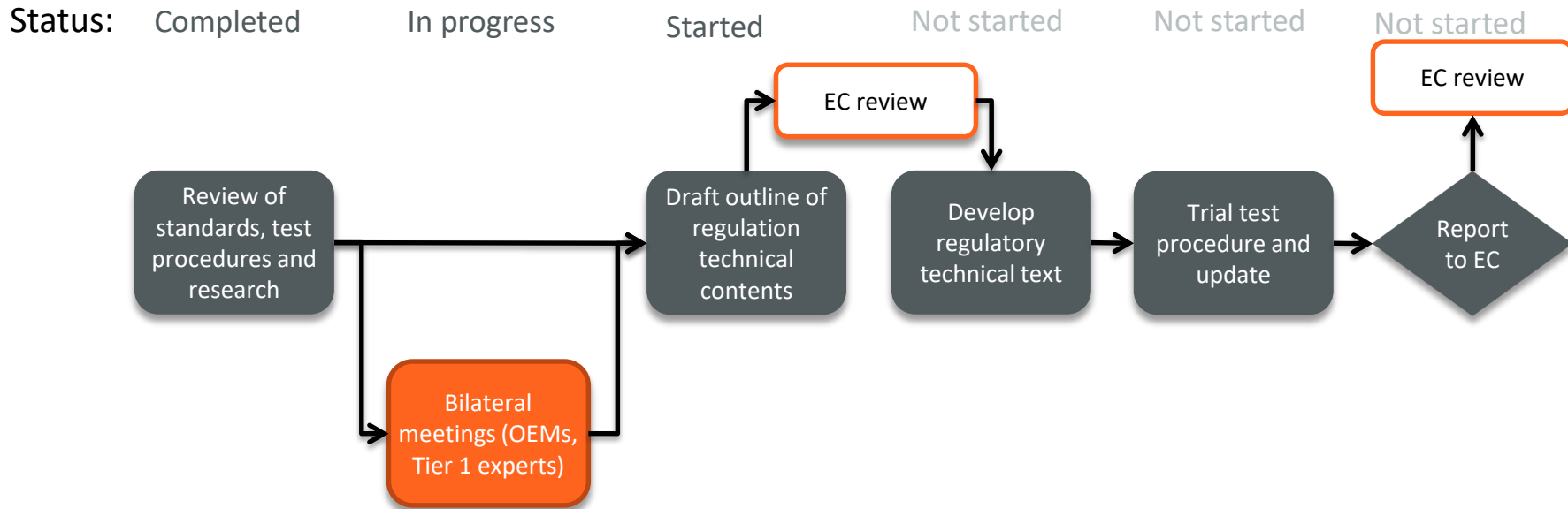
The political mandate for TPMS

- Remit for the General Safety Regulation is set by the European Parliament's legislative resolution of 16 April 2019: http://www.europarl.europa.eu/doceo/document/TA-8-2019-0391_EN.html
- Required functionality:
 - 'tyre pressure monitoring system' means a system fitted on a vehicle which can evaluate the pressure of the tyres or the variation of pressure over time and transmit corresponding information to the user while the vehicle is running;
 - *The TPM system shall:*
 - *Be capable of working with environmental conditions in all Member States*
 - *Provide an appropriate warning to the driver*
 - *Be designed to avoid resetting or recalibrating at a low tyre pressure*

Task and relevant timelines

- TRL's task is to:
 - Draft requirements and test procedures for type-approval of Tyre Pressure Monitoring (TPM) Systems
 - Trial the draft procedures
 - *To be based on physical test (e.g. test track-based) based on the procedure as defined by UN R141 under additional consideration of the proposals submitted by third parties*
- Implementation:
 - Vehicle categories: M2, M3, N2, N3, O3, O4
 - New types 05/2022, Existing types 05/2024 (actual dates defined relative to date of entry into force, currently assumed to be November 2019)

Technical approach and delivery status



Timelines TRL TPMS workstream

- Stakeholder consultation in parallel with development of requirements/testing plan: April 2020
- Testing of draft method: April/May 2020
- Interim report: June 2020
- Review of interim report : during June/July 2020
- Finalise work: November 2020



**Thank you for your
attention**

DG GROW – Unit C4

Further information:

http://ec.europa.eu/growth/sectors/automotive/index_en.htm




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