



European
Commission

DG Enterprise and Industry

***Latest update
on the WLTP
process***

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Brussels, 2 July 2013



WLTP – World Harmonised Light Duty Test Procedure

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WLTP – World Harmonised Light Duty Test Procedure

What is WLTP and how does it differ from NEDC?

- WLTP = a revised testing procedure for measuring CO₂ and pollutant emissions in the type-approval process
- Within the test procedure a new, more realistic test cycle will be introduced (ex. updated speed and acceleration profile, less idling, higher maximum speed)
- Revised procedure reducing flexibilities and providing more realistic data to evaluate emissions (ex. vehicle mass, coast down values, test temperatures)



WLTP – World Harmonised Light Duty Test Procedure

Why do we need more realistic information on CO2 emissions?

- CO2 emission legislation
- Better customer information
- CO2 information used for tax reductions / financial incentives
- Setting incentives for vehicle manufacturers to improve efficiency
- Encouragement for an introduction of right technologies
- Harmonising test procedure at the UNECE level will facilitate access to the external markets for the European manufacturers.



WLTP – World Harmonised Light Duty Test Procedure

What remains to be done (in Europe)?

- CO2 correlations NEDC-WLTC
- Correction of specific test data (ex. temperature), define vehicle certification families,...
- Corrections for deviations of actual test parameters (ex. driving curve), from WLTP set points
- Market surveillance procedures



WLTP – World Harmonised Light Duty Test Procedure

Timetable

- Validation 2 testing of the test cycle has been finalised
- On-going round robin at global level
- On-going drafting of a GTR => final draft to be submitted by August 23
- November 14, the last discussion in GRPE
- Objective: adoption by WP.29 in March 2014
- New test procedure can be used on a voluntary bases as of 2014
- From 2017 the WLTP will be mandated at the type-approval to test CO₂ and regulated pollutants emissions



Thank you for your attention!

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