# **EU – Tyre Safety**

Current status and possible ways forward



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## Legislative Background (1)

### Recent legislative achievements

- General Safety Regulation "GSR" 661/2009
  - transition to UN Regulations for all types of tyres
  - introducing TPMS on passenger cars
- Tyre Labelling 1222/2009 (DG Energy initiative)
  - for EU citizens to make an informed choice
    - fuel economy
    - rolling noise
    - wet grip safety



## Legislative Background (2)

### Future developments

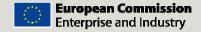
- TPMS phase 2
  - focus on CO<sub>2</sub> reduction?
  - focus on safety?
- Address wet grip for C2/C3 truck tyres
  - minimum threshold currently not regulated
  - better rolling resistance may lead to less safety?
- Global Technical Regulation on tyres
  - harmonised rules, equivalent level of safety



## Legislative Background (3)

#### Market surveillance

- Incorporation in type-approval
- Establish/reinforce national surveillance
- Protect consumers and environment
- Ensure an adequate level of safety



### Observations and way forward (1)

### TPMS phase 1

- mandatory through "GSR"
- UN Regulation No 64 is used for EU law
  - currently contains TPMS phase 1 requirements
  - thresholds are not very tight (too loose)
  - some systems are highly interactive
    - still requires driver's checking of tyre pressure
    - vehicle loads are not regarded automatically
    - some systems have to be RESET by the driver
    - some systems can be RESET inappropriately(!)
- TPMS phase 2 should address safety issues!



### Observations and way forward (2)

### C2/C3 truck tyre labelling

- mandatory through 1222/2009 and its amending Regulation (EU) 1235/2011 of 29 November 2011
- UN Regulation Nos 54 and 117 are used for EU law concerning the tyre construction requirements
  - wet grip testing procedure just recently developed
    - not yet included in the legislation
    - no threshold has been proposed or assessed
- Minimum wet grip should be included!



### **Observations and way forward (3)**

- Global Technical Regulation on tyres
  - Harmonisation process is well under way under the UN 1998 Agreement in Geneva
  - The EU safety aspects are addressed **ap**propriately
  - No conflicting issues are expected

### **Observations and way forward (4)**

#### Market surveillance

- Member States have to take measures against non-compliant products
- Member States have to inform each other and the Commission on measures taken against non-compliant products
- The good cooperation with the tyre industry also ensures tyre safety in the EU market and a level playing field for the tyre manufacturers

#### For further information:



#### http://ec.europa.eu/enterprise/sectors/automotive

Status of EU legislation, links to Directives, Regulations and other useful information.

#### http://www.unece.org/trans

Status of UNECE (GRRF) Regulations, proposals, working documents and working groups.

## **DG Enterprise and Industry**

**Automotive Industry Unit** 

Thank you for your attention!