Proposal for Development of a New UN GTR on Vehicle Indoor Air Quality (VIAQ)

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1. Background

- **Increasing concerns about Vehicle Indoor Air Quality (VIAQ)**
  - Various chemical materials to harmful to human body are emitted from vehicle interior materials

- **Researching & Managing vehicle indoor air quality by many countries**
  - Netherlands, France, Sweden, Germany, Japan, USA, China, Korea
  - ISO Standard (12219-1:2012), China (GB/T 27630-2011), Korea (Notification No. 2007-539)

**Need to unified regulation on vehicle indoor air quality (VAIQ)**

to protect driver’s health and safe driving
1. Background

- Proposal to develop new UN GTR on VIAQ (65th GRPE & 160th WP.29 at June. 2013)
  - Introduce result of new car consumer survey & test results in Korea since 2011
  - Explain international status of relevant research, standard, guidelines of each country
2. Terms of Reference

- Application scope: all categories of Vehicles

- Terms of reference for developing new UN GTR on VIAQ
  - Review & assess the status of current research
  - Review & assess existing regulatory requirements in each country
  - Assessment of existing test procedures (including sample collection methods, analysis methods)
  - Develop harmonized test procedures for the measurement of limit values for emissions of indoor air pollutants
### 3. Timeline

- **Target completion date**: March 2017

#### Timeline

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<th>Year</th>
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<tr>
<td>2013</td>
<td>• Proposal for establishment IWG on VIAQ at 161\textsuperscript{st} WP.29</td>
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| 2014 | • Further consideration by GRPE in January  
      • Adoption of establishment of VIAQ IWG by WP.29 (162\textsuperscript{nd} session in March)  
      • 1\textsuperscript{st} meeting of the IWG on VIAQ (5.2014)  
      • Adoption of terms of reference by WP29 its 164\textsuperscript{th} session |
| 2015 | • Meetings of the IWG & regular reporting to WP.29/AC.3 |
| 2016 |  |
| 2017 | • Adoption of Draft UN GTR on VAIQ by WP.29 its 171\textsuperscript{st} session in March |
Thank you very much ! !