



*Green Global NCAP labelling / green scoring Workshop*

## **Clean vehicle scoring system**

**How to define what is a clean car?**

### **Room 2**

**IEA, 9 rue de la Fédération, 75739 Paris Cedex 15, France**

**30<sup>th</sup> April 2013, 9h30-17h20**

### **Goal**

During the workshop, invited experts will debate on a scoring system that would focus on passenger car environmental performance and how to communicate it. The aim is to classify vehicles based on their tailpipe emissions and efficiency, and so help defining quantitatively what a clean car is, as far as tailpipe emissions and efficiency are concerned.

Throughout this effort, several issues are to be addressed in order to have a clearer vision of how to define clean vehicles. Such scoring system will add value by:

- Providing information support for developing countries that are considering introducing labelling schemes in their countries;
- Supporting local authorities when incentive schemes are deployed to promote the use of clean vehicles in metropolitan areas;
- Encouraging data transparency of all homologated vehicles worldwide.

### **Background**

The clean vehicle scoring system to be developed thanks to the experts' input aims at engaging manufacturers and countries to release the homologation data transparently and to have an independent platform that promotes low tailpipe emission vehicles. The safety NCAP has set a precedent in engaging manufacturers in performing tests that would not otherwise be performed, and to share testing results through an independent platform that now has effectively set the standard for crashworthiness.

The scoring system debated during this workshop is intended to be the backbone of the up coming Green Global NCAP campaign. Such Green Global NCAP campaign would help setting an independent yet respected landmark for an agreed definition of what is a clean vehicle and how to classify clean vehicles, based on the vehicle efficiency and the tailpipe emissions.

This workshop aims at debating what should be the optimum methodology to calculate such clean vehicle score. A wide consensus among the experts present would be sought in order to carry on with the Green Global NCAP campaign deployment.

## Agenda

0930-1000	<b>Registration</b>	
1000-1015	<b>Session 1: Welcome and Introduction</b>	
	<ul style="list-style-type: none"> <li>Introduction / Goal of the workshop</li> <li>Roundtable of attendees</li> </ul>	François Cuenot, IEA David Ward, FIA Foundation
1015-1200	<b>Session 2: Existing labels / green vehicles scoring systems</b>	
1015-1045	Fuel economy labels world-wide: what are countries doing? <ul style="list-style-type: none"> <li>In Europe</li> <li>RoW</li> </ul>	Gena Gibson, AEA-Ricardo Peter Mock, ICCT
1045-1115	Green vehicle scoring worldwide: what scope, what audience? <ul style="list-style-type: none"> <li>In Europe</li> <li>In the US</li> </ul>	Ben Lane, STS Shruti Vaidyanathan, ACEEE
1115-1130	Label designs: how much information is enough?	Gloria Esposito, LowCVP
1130-1145	Labels of the future; taking plug-in capabilities into account	Gloria Esposito, LowCVP
1145-1200	Q&A	
1200-1315	<b>Lunch – sponsored by FIA Foundation</b>	
1315-1500	<b>Session 3: Test Cycles and homologation procedures vs real life emissions</b>	
1315-1330	Comparison and harmonization of world wide test cycles	Heinz Steven, Tuv Nord
1330-1345	Status of the WLTP	Heinz Steven, Tuv Nord
1345-1415	Cycle beating: How OEMs are optimising the vehicle to test cycles? Who does what in the homologation process?	Reinhard Kolke, ADAC
1415-1430	Bridging the gap between test cycle(s) and real life fuel economy	Gerrit Kadijk, TNO
1430-1445	Real life fuel economy measurements	Peter Mock, ICCT
1445-1500	Real life pollutant measurements	Gabriel Plassat, ADEME
1500-1530	<b>Coffee</b>	
1530-1700	<b>Session 4: Calculation Methodology</b>	
1530-1545	Weighting in CO <sub>2</sub> , pollutants and efficiency; external costs and other approaches	Kurt Van Dender, ITF
1545-1600	Proposal for calculation	François Cuenot, IEA
1600-1700	<b><u>Discussion: Debate on the clean vehicle score calculation methodology</u></b>	<b>Moderation: François Cuenot, IEA</b>
1700-1710	<b>Session 5: Next Steps</b>	Sheila Watson, FIA Foundation
1710-1720	<b>Closing remarks</b>	David Ward, FIA Foundation