United Nations Round Table

Global Harmonization of Regulations, Codes & Standards (RC&S) for Gaseous Fuels

Prepared by Jeffrey Seisler, representing the European Natural Gas Vehicle Association (ENGVA) & the International Association for NGVs (IANGV)
and
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for the 48th session of GRPE
Rationale for the Round Table

- There are natural synergies between NGVs & H2Vs (and their fuelling infrastructures).
- Global harmonization of RC&S is a key factor in the introduction of hydrogen and hydrogen vehicles (H2Vs) into the market.
- The development of the global natural gas vehicle (NGV) industry in the last two decades has resulted in a need to harmonize existing RC&S developed in different countries and by different organizations.
Scope of the Round Table

- Global harmonization of RC&S for gaseous fuels, which includes natural gas and hydrogen for transportation applications.
Participants in the Round Table

- Members of WP.29, including NGOs such as OICA, ISO, IEC, IANGV/ENGVA and SAE;
- Hi-level executives from infrastructure and automotive organizations currently focused on natural gas, hydrogen and fuel cell activities;
- Expert speakers with broad knowledge of standards organizations

Proposed Chairman
Mr. Bernard Gauvin
Goals of the Round Table

- Articulate the need for global harmonization based on actual experience
- Discuss harmonization strategies and agree on a process for advancing harmonization of RC&S for hydrogen and natural gas vehicles
  - ENGVA/INGVA proposal (informal doc. No. GRPE-47-2)
  - Global Cooperation Group (GCG) (See next slide)
  - Others
- Prepare a report to WP.29 for their acceptance and support
Global Cooperation Group (GCG)

- The GCG has been active in the work of harmonization of Regulations, Codes and Standards (RC & S) in the field of hydrogen and fuel cell technologies since 2002.
- The GCG has met several times with participation from automotive & infrastructure companies, governments and SDOs from Canada, China, Europe, Japan and the US.
- The next meeting: 27 June 2004 in Yokohama, Japan in conjunction with the 15th World Hydrogen Energy Conference (see www.whec15.jp/data/pro.html)