

Hydrogen Supply to Vehicles Standardization Needs

Thierry Legrand

CEN-CENELEC Management Centre
Avenue Marnix 17, 1000 Brussels

Purpose of the meeting



- Collect high level European insights, views and information for CEN/CENELEC;
- Ensure support for the directive on the deployment of alternative fuels infrastructure particularly on the aspect of H₂ supply;
- Explain the consequences of the disruption of international standards' process and define possible alternative next steps;
- Define next steps (e.g. developing a report, allocating some work to an existing European Technical Committee, gathering experts for a follow-up task, R&D pre-normative research...)

Thank you



- EIGA
- EHA
- ACEA
- New Energy World IG

Who we are



The European Committee for Standardization



The European Committee for Electrotechnical Standardization



The European Telecommunications Standards Institute

= the European Standards Organizations (“ESOs”) recognized at European level



About CEN and CENELEC



- ❖ 33 national standardization bodies
- ❖ Effective co-regulation tool:
 - Provide support to European legislation
- ❖ National delegation principle:
 - Consensus process + identical national implementation
- ❖ Voluntary standards and market driven
- ❖ Cooperation with international standards organisations (ISO, IEC)

CEN-CENELEC members



Austria

Belgium

Bulgaria

Croatia

Cyprus

Czech Republic

Denmark

Estonia

Finland

France

FYROM

Germany

Greece

Hungary

Iceland

Ireland

Italy

Latvia

Lithuania

Luxembourg

Malta

Netherlands

Norway

Poland

Portugal

Romania

Slovakia

Slovenia

Spain

Sweden

Switzerland

Turkey

United Kingdom

Our mission



- ❖ support and strengthen the European Single Market;
- ❖ enhance the competitiveness of European players in the global market;
- ❖ foster the European economy and the welfare of European citizens under the global concept of sustainable development;
- ❖ ensure the most efficient input of Europe to international standardization activities and cooperation.

Various Deliverables



- ❖ EN ISO
- ❖ EN European Standard
- ❖ TS Technical Specification
- ❖ TR Technical Report
- ❖ CWA CEN Workshop Agreement