

# Standardization a tool to self - regulation



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# CEN-CENELEC perspective



- ❖ EU 20-20-20 targets for 2020 regarding reduction of GHG emissions, increase in energy efficiency and renewables
- ❖ Roadmap for moving to a competitive low carbon economy in 2050 and associated decennial policy framework (e.g. recent 2030 policy framework).
- ❖ White paper (2011) – Towards a competitive and resource efficient transport system.

# 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

Estonia

Hungary

Luxembourg

Slovakia

Belgium

Finland

Malta

Slovenia

Bulgaria

France

Iceland

Netherlands

Spain

Croatia

Ireland

Norway

Sweden

Cyprus

FYROM

Italy

Poland

Switzerland

Czech Republic

Germany

Latvia

Portugal

Turkey

Denmark

Greece

Lithuania

Romania

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.

# Benefits from standards



- ❖ Improve efficiency - *"Standards contribute to the **economic efficiency** of our company because through them we know exactly according to which principles we have to produce."*
- ❖ Improve energy efficiency, minimise waste & reduce costs
- ❖ Support innovative technologies - *"Standards define a framework in which we can use our **creativity and flexibility in a targeted way.**"*
- ❖ Ensure quality and safety of products and services
- ❖ Increase productivity and compatibility
- ❖ Access new markets and attract customers - *"Standards **open doors** to business on an international scale."*
- ❖ Facilitate compliance with regulations

# Transport Efficiency and Energy Management: the role of standards



- ❖ Transport white paper, proposed strategy on clean power for transport, ...– ***standards - a relevant tool to achieve climate and energy targets.***
- ❖ Responses to various specific ***Mandates*** from EC (M/468 Electric Vehicles, M/502 Seals for Digital Tachograph, various mandates on ITS technology (e.g. M/453,...)).
- ❖ Introduction of new technologies (hydrogen, inductive charging, cooperative systems,...).
- ❖ Data and metrics are required to allow comparisons: ***standards*** have proved to be a useful tool.



# Transport Efficiency and Energy Management: challenges



- ❖ What is the best approach (INTERMODAL,...)?
- ❖ What business models will be used for future transport services?
- ❖ How will technologies evolve and integrate (*interoperate*) better with each other?
- ❖ In which areas can European Standards further contribute?
- ❖ What role can standards play to support the challenges faced by companies and our society?



# THANK YOU!

## Any questions?