WELCOME ADDRESS

Dr Walter Weigel, ETSI, Director-General
European roots, global outreach

ETSI is a world-leading standards developing organization for Information and Communication Technologies (ICT)

Founded initially to serve European needs, ETSI has become highly-respected as a producer of technical standards for worldwide use
Technical specifications and standards with global application
Support to industry and European regulation
Specification & testing methodologies
Interoperability testing
1 billion vehicles on the roads by the end of 2010

2015 estimate: 1,21 billion vehicles
  - 25 % vehicles = 280 million in Asia
  - 33 % vehicles = 370 million in Europe
  - 33 % vehicles = 370 million in America
  - 9 % vehicles = 100 million in rest of the world

2020 estimate
  - hybrid and electric car market share: 33 %
    - around 500 000 vehicles
  - focus on these technologies in coming years
International E-road network

- just most important corridors
- 1,900 border crossing points
- 54 Eurasian countries
- Longest route:
  E 40 from France to Kazakhstan
  (8,000 km)
Asian Highway Network

- just highways
- 32 Asian countries
- connected to the European road network
- Longest route: AH1 from Tokyo to Edirne on BG/TR border (20 557 km)
Traffic gets more and more globalized
  • cargo
  • individuals

Industries are global
  • automotive
  • logistics

Global understanding required
  • safety and driver assistance
  • sustainable driving
  • traffic management
Global ITS standards

- successfully kicked off work
- interest HAS to be present
  - automotive and infrastructure industries
  - governments
  - road users
- more formalized approached needed
  - same regulatory framework everywhere
  - same set of standards everywhere
- ETSI is ready to accomodate this
Transportation

**ITS connected**

- Partnership agreements in place
  - ITU
  - CEN and ISO
  - IEEE
  - ARIB
  - CCSA
  - ERTICO
  - APT
  - TISA
  - SAE

- Network is present
  - use existing links
  - upgrade and improve network
ETS offers platform for global standardization with partners

Wish list from governments
- streamlined regulatory framework
- support for corresponding standardization

Interoperability is essential
- ETSI is currently planning an interoperability event for Cooperative Systems in Q1/2012

Thank you for your attention!