Main activities on ITS in 2015

• 66th Commission session
  AEB demo together with Global NCAP and ADAC

• UNECE/ITU Symposium on The Future Networked Car
  *The symposium examined advances in the area of connected vehicles, from the perspectives of business, technology and regulation*

• 2015 Annual Roundtable on ITS – Bordeaux
  France – UNECE joint conference*
  *The conference reviewed ITS solutions for addressing climate change*
ITC Working Parties in 2015 and ITS

- Working Party on Inland Water Transport (SC.3)
  
  - Worked on ITS applications e.g. on pan-European River Information Services (RIS).

  
  - RID Committee and WP.15 (telematics IWG) continued its work on ITS
  - Participation to the informal group meeting in Bordeaux

- Working Party on Road Traffic Safety (WP.1)
  
  - Worked on the Vienna Conventions to address the challenges related to autonomous driving
  - Established an informal working group on automated driving

- The Working Party on Braking and Running Gear (WP.29/GRRF)
  
  - Worked on vehicle automation such as self steering systems and Remote Control Parking

- The Working Party on General Safety (WP.29/GRSG)
  
  - Worked on AECS (eCall) – the first regulation on the connectivity in the automotive sector

- The World Forum on Harmonization of Vehicle Regulations (WP.29)
  
  - Worked on the automation levels definitions as well as Cyber Security and Privacy
Conclusions in 2015 and next steps

• ITS across all inland transport modes and their infrastructures
  – 2015 focussed on “automated vehicles” and new mobility concepts
  – UNECE promoted activities on ITS, across all transport modes and their infrastructures

• Automated vehicles
  – Various technologies are now marketed
  – Technical regulatory action going on
  – Coordination between WP.29 and WP.1 is running
  – Related items not in the scope of WP.29 or WP.1 still need to be addressed

• Example - Connected vehicles
  – Fragmented policies: e.g. V2V in the USA, C-ITS in the EU.
  – The industry called for policies harmonization
  – Coordination of work on consensus based standards needed
  ➔ Policy on the connectivity may be considered
The participants to the minister’s roundtable:

- express their appreciation for the support given by the previous Round Tables of Vienna, Tokyo and Detroit that has fostered the coherent deployment of ITS to face transport challenges;

- commit to promoting the deployment of ITS systems to reduce CO₂ and Greenhouse Gas emissions linked to transport through stepping up investments into these instruments;

- invite the experts, national decision makers, relevant international organizations and legal bodies to provide guidelines and capacity building actions to support the deployment of appropriate solutions based on ITS;

- invite both public and private sector stakeholders to come forward with ‘best practice’ examples of ITS deployment that contributes to the reduction of CO₂ and associated Greenhouse Gas emissions so that governments can be helped to reach the ambitious objectives to be decided during the COP21.
ITS – Concept Note

• ITS impacts the world of transport
  – Door to door mobility
  – Production to consumption freight transport
  – Mobility as a Service

• ITS role in achieving Sustainable Development Goals
ITS – Concept Note (cont.)

• Challenges in ITS deployment
  – Interoperability
  – Fragmentation of technical standards
  – Lack of harmonized policies

• Ongoing activities and actors in the field of ITS
  – ITS World Congress
  – ITS activities at UNECE
    • ITS implementation in road traffic (WP.1) and vehicle regulations (WP.29) is on the way
    • Other Working Parties (WP.15, WP.24, SC.3, SC.1, AC.7, …) started to work too

Holistic approach to harmonize policy and overcome technological and regulatory fragmentation needed