Main activities on ITS in 2015
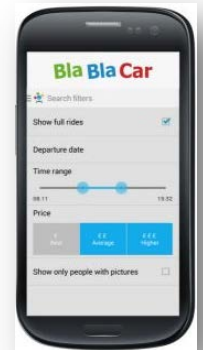
- 66th Commission session

  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
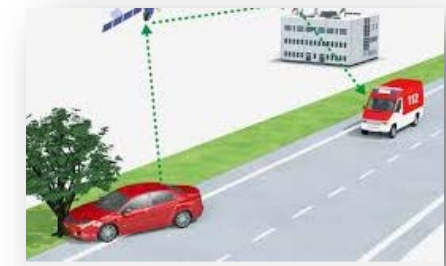
- 2015 Annual Roundtable on ITS – Bordeaux

  France – UNECE joint conference*

  The conference reviewed ITS solutions for addressing climate change
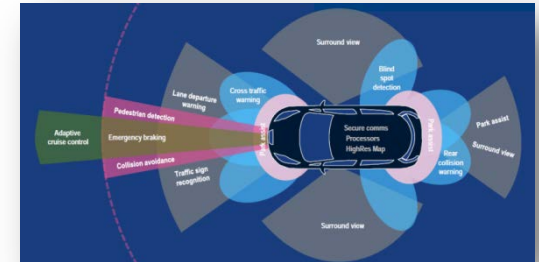
TRANSPORT

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).

- The Working Party on the Transport of Dangerous Goods (WP.15)
  - ➔ 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*
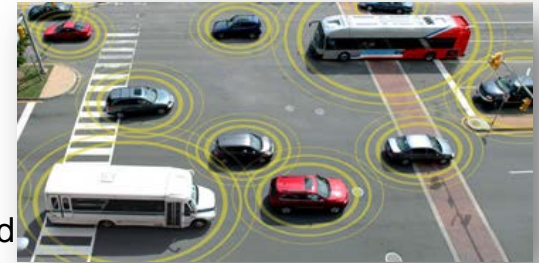
Conclusions in 2015 and next steps

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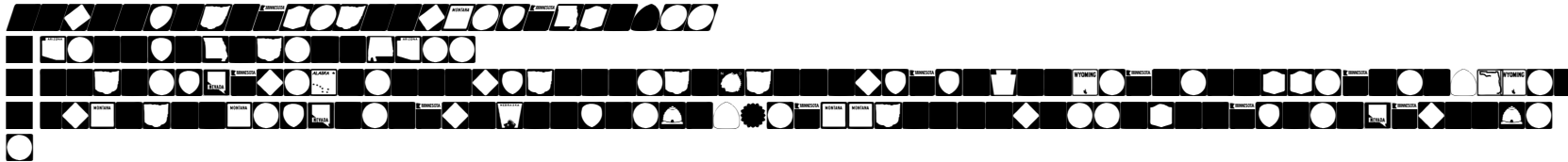
- Example - Connected vehicles
  - Fragmented policies: e.g. V2V in the USA, C-ITS in the EU.
  - The industry called for policies harmonization
  - Coordination of work on consensus based standards needed
  - ➔ Policy on the connectivity may be considered

TRANSPORT

Ministerial round table on ITS - Bordeaux

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 CO_2 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 CO_2 and associated Greenhouse Gas emissions so that governments can be helped to reach the ambitious objectives to be decided during the COP21.

TRANSPORT

ITS – Concept Note

- **ITS impacts the world of transport**
  - **Door to door mobility**
  - **Production to consumption freight transport**
  - **Mobility as a Service**
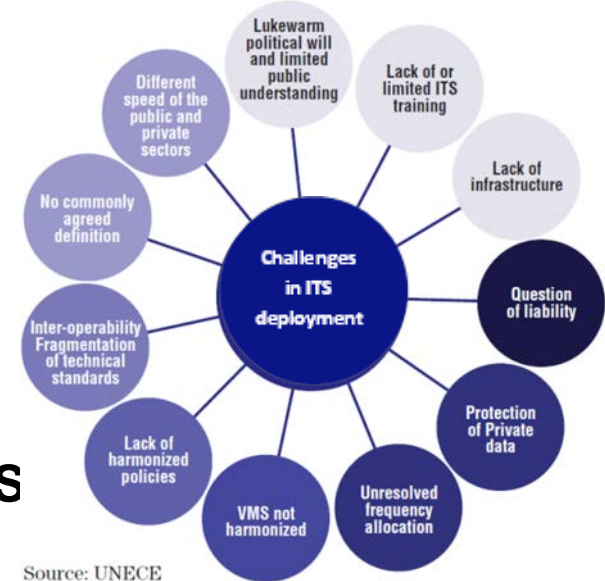- **ITS role in achieving Sustainable Development Goals**

TRANSPORT

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

Source: UNECE

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

TRANSPORT