2nd Road Safety Technical meeting

December 10-11, 2019
Brussels

Maria Teresa SANZ VILLEGAS
European Commission
Directorate-General for Mobility and Transport

@Transport_EU
Road Safety: a shared responsibility

- European Union
- Member States
  - Transport, Interior, Health, Education ...
  - Regional and Local Authorities
- Industry
- Civil society involvement
Road Safety: a integrated approach

- Safer roads
- Safer vehicles
- Users behaviour
- Enforcement
Existing EU policy framework

• Policy Orientations on Road Safety 2011-2020
  • Aspirational target «Vision Zero» for 2050
  • 50% reduction target by 2020
  • 7 priority areas

• Valletta Declaration of EU transport ministers (March 2017)
  • Renewed commitment to road safety
  • Confirmation of «Vision Zero»
  • Reduction target for serious injuries
Policy Orientations on Road Safety 2011-2020

- EU instruments

- Road accident data collection and analysis
- Recommendations and best practice guidelines
- Civil society involvement: European Road Safety Charter
- Legislation e.g. on infrastructure, vehicle safety (GROW), enforcement, driving licences, roadworthiness
Road accidents data collection and analysis

- Road accident data database CARE
  - EU accidents database (microdata)
- Road safety performance indicators (new exercise)
50% reduction target
Fatalities per million inhabitants 2010 vs 2018

EU (2010): 63
EU (2018): 49
# Key performance indicators at EU level

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>Percentage of vehicles travelling within the speed limit</td>
</tr>
<tr>
<td>Safety belt</td>
<td>Percentage of vehicle occupants using the safety belt or child restraint system correctly</td>
</tr>
<tr>
<td>Protective equipment</td>
<td>Percentage of riders of powered two wheelers and bicycles wearing a protective helmet</td>
</tr>
<tr>
<td>Alcohol</td>
<td>Percentage of drivers driving within the legal limit for blood alcohol content (BAC)</td>
</tr>
<tr>
<td>Distraction</td>
<td>Percentage of drivers NOT using a handheld mobile device</td>
</tr>
<tr>
<td>Vehicle safety</td>
<td>Percentage of new passenger cars with a EuroNCAP safety rating equal or above a predefined threshold*</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>Percentage of distance driven over roads with a safety rating above an agreed threshold*</td>
</tr>
<tr>
<td>Post-crash care</td>
<td>Time elapsed in minutes and seconds between the emergency call following a collision resulting in personal injury and the arrival at the scene of the collision of the emergency services</td>
</tr>
</tbody>
</table>
Next decade 2021 – 2030

“Europe on the Move” package, 17 May 2018

- Outline of EU Road Safety Policy Framework 2021-2030
- Strategic Action Plan on Road Safety
- Legislative proposals on vehicle and infrastructure safety
- EU strategy on connected and automated mobility
Road safety policy framework 2021-2030

- "Safe System" approach
- Confirmation of "Vision Zero" (2050)
- New interim targets (50% reduction in fatalities and serious injuries)
- Monitoring based on key performance indicators
- Reinforced coordination between levels and sectors
- Funding support
The principles of the “Safe System” approach

- Focus on death and serious injury reduction
- System of protective layers
- Targets: "Vision Zero" and interim reduction targets
- Monitoring based on **key performance indicators**
- Reinforced coordination between levels and sectors
- Funding support
Strategic Action Plan on Road Safety

1. Enhanced road safety governance
   - Key performance indicators, closer cooperation across sectors, involvement of stakeholders, biennial results conferences

2. Stronger financial support
   - Facilitate use of existing instruments, cooperation with European Investment Bank

3. Safe roads and roadsides
   - Better follow-up to safety management, links to investment, proactive network-wide approach

4. Safe vehicles
   - Make new safety features mandatory, assess retrofitting
Strategic Action Plan on Road Safety (ctd.)

5. Safe road use
   • Cross-border enforcement, driving disqualifications, recommendation on alcohol limits

6. Fast and effective emergency response
   • Facilitate cooperation, research

7. Future-proofing road safety
   • Safe transition to automation, new mobility trends

8. The EU’s global role
   • International cooperation, UN Road Safety Trust Fund, support for capacity building
Types of action

- Legislation (where there is EU added value)
- Financial support (e.g. infrastructure upgrades, research)
- Exchange of good practice and capacity building
- Call for voluntary commitments
- Involvement of civil society
- Monitoring
Examples of EU laws

- **European Driving Licence**
  - Mutual recognition
  - Harmonised format (fighting fraud)

- **Cross-border enforcement of offences**

- **Vehicle safety legislation**
  - Mandatory safety features in all new cars
  - Benefits for all, not just expensive models

- **Infrastructure safety management**
  - Safety assessments at design, building and operation stage
  - Preparing infrastructure for automated mobility
Examples of EU laws (cont.)

- Comming up ...
  • Review of cross-border enforcement
  • Review of driving licence rules
The Road Infrastructure Management Directive (RISM)

- Road safety considerations to be taken into account in all life phases of roads
- Procedures for impact assessments, audits, inspections
- Scope: TEN-T network
RISM: Main elements

- Extend the scope of existing procedures (impact assessments, audits, inspections) to primary roads and roads built using EU funds
- Introduce network-wide risk mapping procedure
- Transparency and follow-up of procedures
- Take vulnerable road users systematically into account
- Common specifications for road markings and road signs to facilitate roll-out of cooperative, connected and automated mobility

Estimated to save 3200 lives and prevent 20,700 serious injuries (2020-2030)
Distribution of fatalities by road type on the EU inter-urban road network

* Based on a sample of 8 MSs
RISM revision: main elements

- Extend the scope to primary roads and roads built using EU funds
- Introduce network-wide risk mapping procedure
- Transparency and follow-up of procedures
- Take vulnerable road users systematically into account
- Common specifications for road markings and road signs to facilitate roll-out of cooperative, connected and automated mobility

- Estimated to save 3200 lives and prevent 20,700 serious injuries (2020-2030)
Examples of road safety risks and possible countermeasures

- Undivided road – risk of head on collision
- Hazards close to roadside
- Shoulder rumble strips
- Good line markings
- Appropriate road curvature and visibility
- Narrow shoulders
Revision of the Vehicle General Safety Regulation (GROW)

- Mandating safety features for all vehicle categories and models
- Introduction first for all new models, then for all new vehicles
- Estimated to save 7300 lives and prevent 38,900 serious injuries (2020-2030)
- MOVE: Study on retrofitting such technologies
New safety features in your car

- Improved direct vision for trucks and detection of pedestrians and cyclists
- Safety glass in case of a crash, for pedestrians and cyclists
- Event data recorder
- Drowsiness and distraction monitoring
- Lane keeping assistance
- Advanced emergency braking
- Intelligent speed assistance
- Improved seatbelts
- Reversing camera
Financial support - Investment

- Focus on rehabilitation of existing roads
- CEF call 2018: 200 million € for road safety and digitalisation
- Preparing launch of « Platform for Investment in Safer Transport » in cooperation with EIB
- Structural funds – Common Provision Regulation

Enabling conditions: “Multimodal mapping of existing and planned infrastructures until 2030 is in place which: (...) (8) Includes assessment of road safety risks in line with existing national road safety strategies, together with a mapping of the affected roads and sections and providing with a prioritisation of the corresponding investments”
Exchange of best practices

Example:

- **Exchange of experience** in expert groups and stakeholder events
- **Civil society platform**: European Road Safety Charter
- **Europe-wide campaigns** like the "European Day Without A Road Death" (#ProjectEDWARD)
- EU Road Safety Exchange Initiative
The European Road Safety Charter

- Civil society platform
- More than 3500 members
Mobile application

Traffic rules in all EU countries: "Going Abroad"
Thank you!