

EU Road Safety Challenges for the Next Decade

PIN Talk, A Europe That Protects

Road safety 2020+: the Future of Safe EU Road Transport

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European Transport Safety Council



ETSC NETWORK



PIN PROGRAMME

- Experts from the 32 participating countries, including all EU Member States
- PIN Panellist in Austria – Klaus Machata, KfV
- Steering group
- Project team in the ETSC secretariat
- Supporters of the PIN Program:



TOYOTA

VOLVO



TRAFIKVERKET

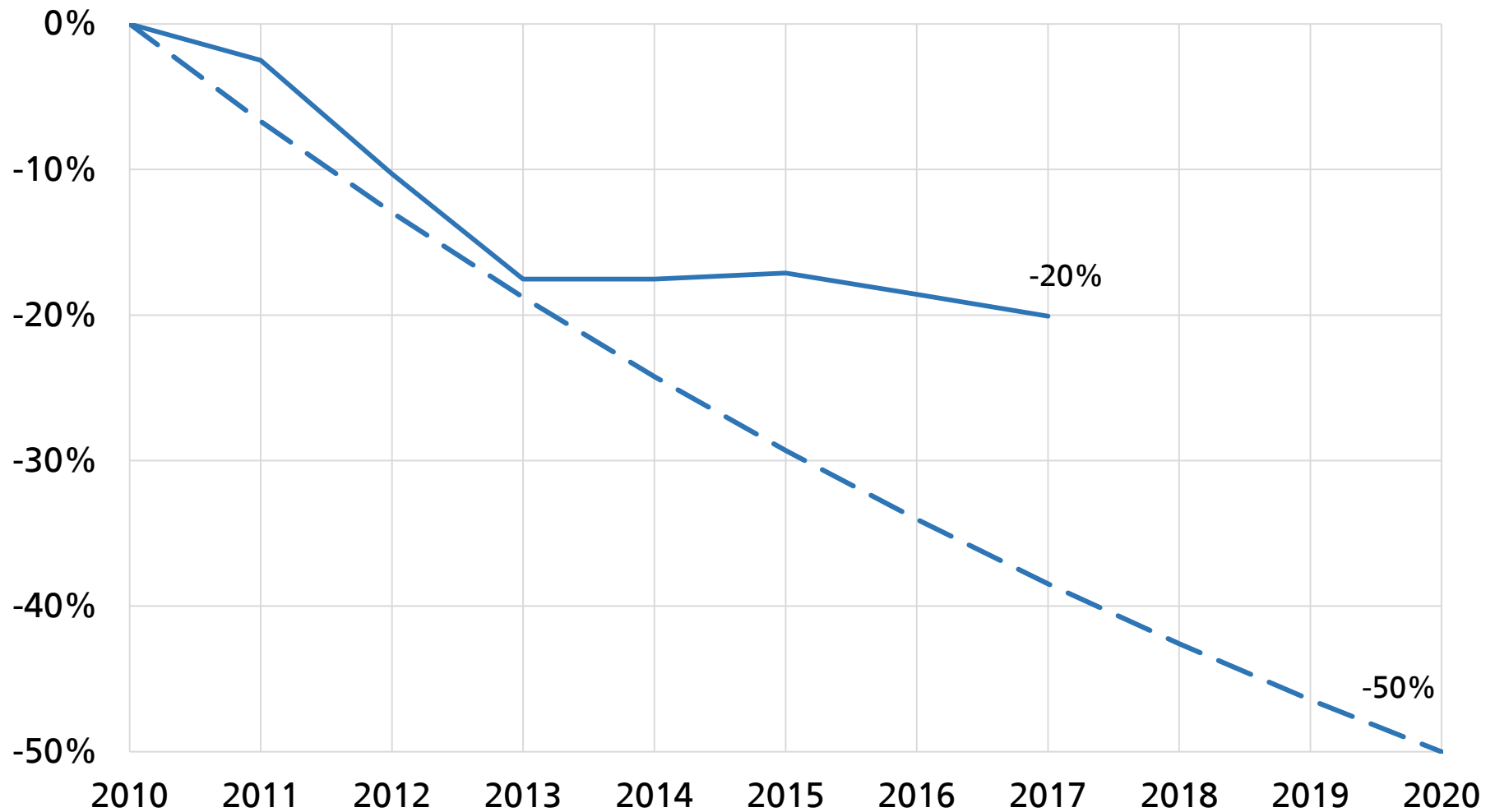


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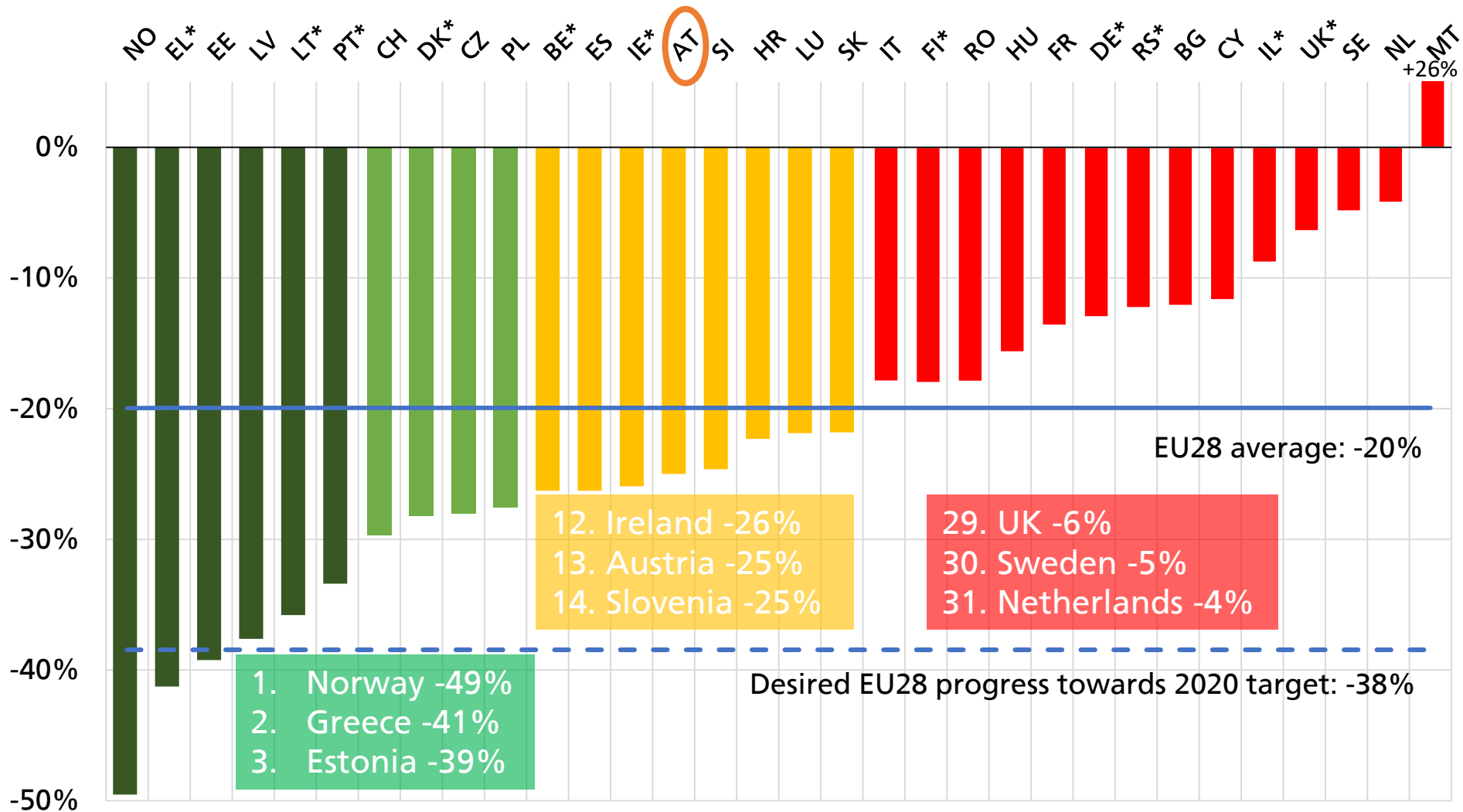
25,250

people died in road
traffic in the EU in
2017

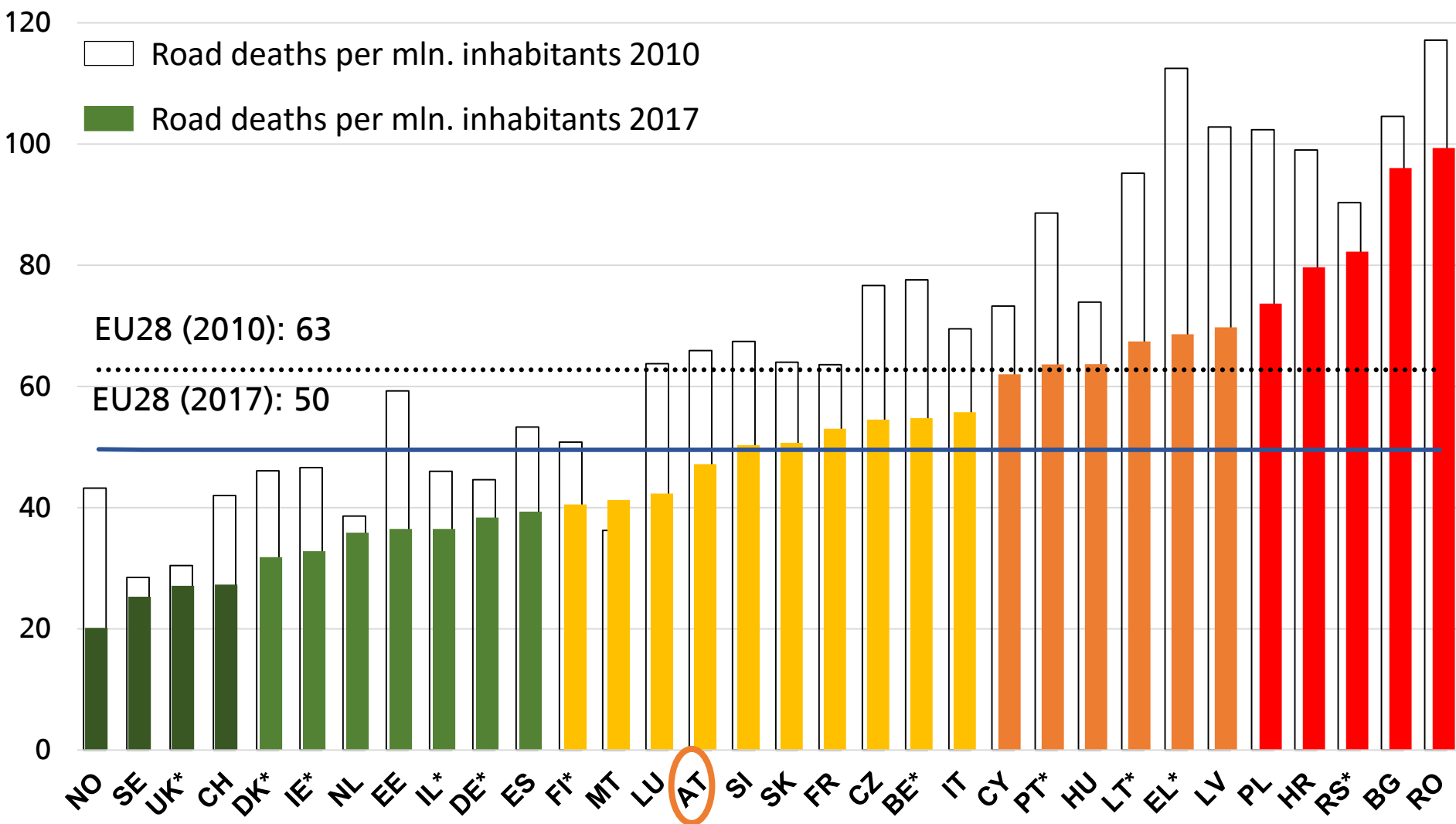
A WIDENING GAP BETWEEN THE ACTUAL AND DESIRED PROGRESS



RELATIVE CHANGE (%) IN ROAD DEATHS 2010-2017



DEATHS PER MILLION INHABITANTS IN 2017



135,000

seriously injured in road
traffic in the EU in 2014
according to MAIS3+
definition

VALLETTA DECLARATION ON ROAD SAFETY

2020-2030:

- ✓ Third EU target to halve the number of road deaths
- ✓ First EU target to halve the number of serious road traffic injuries



URGENT ACTIONS

- EU Legislation on Vehicle Safety and Infrastructure Safety
- EU Funds for Road Safety
- New EU Strategy 2020-2030

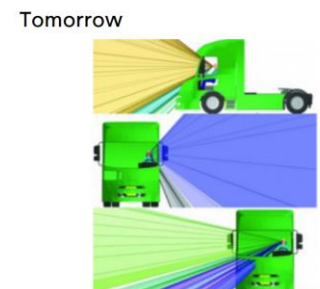
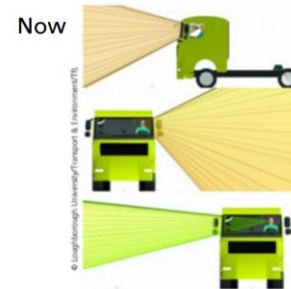


VEHICLE SAFETY

- ✓ Overridable assisting ISA on all new vehicles default ON
- ✓ Automated Emergency Braking (AEB) with pedestrian and cyclist detection
- ✓ Redesigning car fronts to include pedestrian & cyclist protection
- ✓ Redesigning truck cabins



- ✓ Improve HGVs cabin design



HUGE LIFE SAVING POTENTIAL

25,000

deaths on the road could be prevented by
the introduction of new vehicle safety measures
announced today.

Over the period 2022-2037, according to analysis by TRL. <https://bit.ly/2IN9Itf>

ETSC CAMPAIGN

LAST NIGHT
THE EU SAVED
MY LIFE

WE SUPPORT:



INTELLIGENT
SPEED
ASSISTANCE
(ISA)



AUTOMATED
EMERGENCY
BRAKING
(AEB)

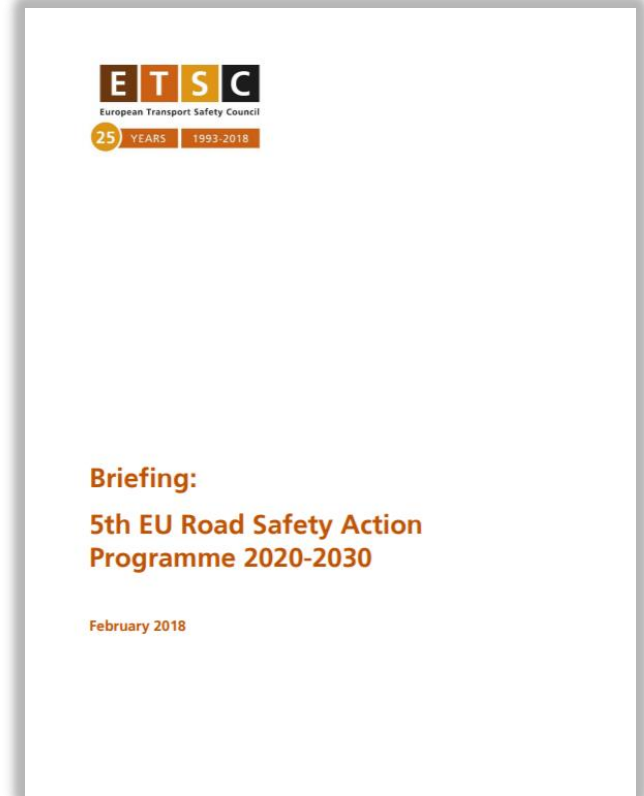


SAFER CAR
AND LORRY
FRONTS

#LASTNIGHTTHEEUSAVEDMYLIFE
etsc.eu/lastnight

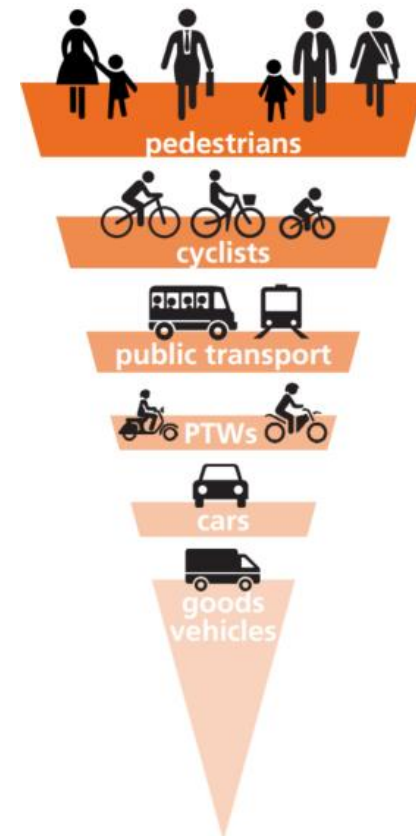
WHAT SHOULD BE THE PRIORITIES FOR 10-YEAR ACTION PROGRAMME?

- ✓ Targets, timetable and leadership
- ✓ Reduction of serious road traffic injuries
- ✓ Management by objectives
- ✓ Traffic law enforcement
- ✓ Vulnerable road user safety
- ✓ Vehicle safety and automation



SERIOUS ROAD TRAFFIC INJURIES

- ✓ Large proportion in urban areas
- ✓ VRUs are especially affected
- ✓ Dedicated funds for VRU infrastructure
- ✓ 30 km/h zones
- ✓ High standards of emergency-response services
- ✓ Collaboration between transport and health authorities at EU and national level



MANAGEMENT BY OBJECTIVES – KEY PERFORMANCE INDICATORS

- ✓ Indicators should be set in line with Safe System Approach
- ✓ Indicators measure influence of safety interventions
- ✓ Since 2006 ETSC has been working on measuring EU Member State road safety performance and KPIs



TRAFFIC LAW ENFORCEMENT

- ✓ EU funds and best practice to enable enforcement of main killers: speed, alcohol/drug driving, non use of seat belts, distraction and fatigue
- ✓ Revise Cross Border Enforcement Directive to overcome bottlenecks

AUTOMATED VEHICLES: POTENTIAL SAFETY BENEFITS

- ✓ Reaching Vision Zero in 2050?
- ✓ Less chance for human error?
- ✓ High risk group support?



AUTOMATED VEHICLES: REGULATION

- ✓ Tested and approved to common standards
- ✓ Urgent need for a new, harmonised regulatory framework



AUTOMATED VEHICLES: CHALLENGES

- ✓ New collision types?
- ✓ Interaction: automated vs. non-automated
- ✓ Interaction: vulnerable road users; road infrastructure
- ✓ Driver engagement and re-engagement

THANK YOU FOR YOUR ATTENTION

 www.etsc.eu/PIN  [@etsc_eu](https://twitter.com/etsc_eu)

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Briefing:

**5th EU Road Safety Action
Programme 2020-2030**

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