

New PIARC Task Force (“B.2”)
***Automated vehicles: challenges and opportunities
for road operators and road authorities***
Terms of reference

1. TITLE

Automated vehicles: challenges and opportunities for road operators and road authorities

2. STRATEGIES

Topics to discuss include:

- What will the impact of automated vehicles be on traffic management, on equipment requirements, on road safety, on maintenance strategies, on adaptive control and performance optimization of the network, on infrastructure design
- How to cope with the different timeframes: IT equipment in cars have a short life span and is evolving very quickly, while road infrastructure assets have a life span of 20 to 100 years
- What roles can road authorities play and under what conditions, to support and encourage innovation and actual deployment, especially from the infrastructure-side; this includes business models
- The work will focus on policy issues and will not focus on technology developments, as these are extensively discussed already.

3. OUTPUTS

Report outlining key topics explored and practical short- and medium-term recommendations for road authorities and operators. Among others: harmonised approaches, and suitable standard measures to road authorities and operators

The Task Force will aim at representing a wide diversity of circumstances, including cases from several countries and continents. The Task Force will make references to the work of other organizations, especially car manufacturers, IT companies, equipment manufacturers and service providers and their representative bodies.

4. PROCESS AND SCHEDULE

English will be the working language of the Task Force.

The Task Force will work from July 2018 until September 2020.

The Task Force will present progress on its activities at the PIARC World Road Congress in Abu Dhabi in October 2019.