

TC D.5 – Road Tunnel Operations

Issue D.5.1 Road Tunnels Manual	
<i>Strategies</i>	<i>Outputs</i>
To maintain and disseminate current information regarding road tunnel operations (including sustainability issues).	Updates to the web-based Road Tunnels Manual. Development of relevant training and presentation material Terminology activities.
Issue D.5.2 Sustainable road tunnel operations	
<i>Strategies</i>	<i>Outputs</i>
To maintain and disseminate current information regarding sustainable operation of tunnel systems and equipment including fire safety, lighting, and ventilation equipment	Report on case studies and recommendations.
Issue D.5.3 Integrated road tunnel safety	
<i>Strategies</i>	<i>Outputs</i>
To maintain and disseminate current information regarding tunnel design for effective, efficient, and safe operation. To oversee the QRAM model upgrade project of in liaison with the General Secretariat	Report on case studies and recommendations. Upgraded version of the QRAM software.
Issue D.5.4 Large underground and interconnected infrastructure	
<i>Strategies</i>	<i>Outputs</i>
To maintain and disseminate current information regarding the optimization of operational and safety strategies for large underground and interconnected infrastructure	Report on case studies and recommendations.
Issue D.5.5 Persons with reduced mobility in the tunnel environment	
<i>Strategies</i>	<i>Outputs</i>
To maintain and disseminate current information regarding persons with reduced mobility in the tunnel environment	Report on case studies and recommendations.
Issue D.5.6 Road tunnel emissions	
<i>Strategies</i>	<i>Outputs</i>
Update road tunnel emissions guidelines.	Updated version of the PIARC guidelines.

Development of content alongside the formal outputs to foster visibility and the sharing of the group's work throughout the cycle.