

**TC B.1 Road Network Operations/Intelligent Transportation Systems**

| <b>Issue B.1.1</b><br>Maintenance and improvement of the ITS/RNO Manual.  |  |
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| <i>Strategies</i>   | <i>Outputs</i>   |
| Investigate successful approaches and analyze the factors contributing to their success e.g. improved capacity, more reliable journey times, energy saving, safety and minimizing greenhouse gas emissions. Particular attention should be given to use of new traffic technologies, solutions considering interfaces with other modes, and organizational/governance issues. | Best practice report.<br><br>Upgraded web-version of the ITS/RNO Handbook.<br><br>Workshops and training materials to support dissemination and implementation strategies. |
| <b>Issue B.1.2</b><br>Low cost ITS application  |  |
| <i>Strategies</i>   | <i>Outputs</i>   |
| Investigate and document the use of smart phones and other cost-effective technologies in support of road network operations. Illustrate examples of ITS tailored to meet the needs of low and middle income countries.   | Report and case studies to be included in the ITS/RNO Handbook   |
| <b>Issue B.1.3</b><br>Big Data in road transport  |  |
| <i>Strategies</i>   | <i>Outputs</i>   |
| Define the concept of Big Data as relevant to the road transportation community, investigate applications, and document examples of how countries are considering and treating issues such as: applicable regulations, property/ownership of the data; data security; and privacy concerns.   | Report and case studies collecting examples of applications; disseminate knowledge   |

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

Consultation with the predecessor Technical Committee and development of onward planning for the next cycle are expected from this TC.