

TC3.3 Tunnel Operations Committee Future Directions

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Overview

Issue 1: “Tunnels – ongoing sustainable operations”

Issue 2: “Tunnels – organisation and management of safety issues

Issue 3: “Knowledge sharing on tunnel operations and safety”

Issue 4: “Mobility impairment and how to deal with these issues in tunnel environments”

1: “Tunnels – ongoing sustainable operations”

- Sustainable operation for complex underground facilities
- Sustainable operation of the tunnel ventilation equipment
- Reliability, availability, maintainability
- LED lighting
- Update of the Tunnel Manual

2: “Tunnels – organisation and management of safety issues”

- Review of the Tunnel Manual to account for safety issues from a multi-modal perspective
- Designing new and refurbished tunnels for efficient and effective maintenance
- Judicious design of safety measures
- Design of lay-bys and obstacles
- Improvement of interaction between users (including disabled users) and safety systems

3: “Knowledge sharing on tunnel operations and safety”

- Updating and improving the Tunnel Manual to reflect the new reports from the current and previous cycles
- Developing on-line training courses
- Liaison with CTERM to improve the terminology defined in the PIARC dictionary

4: “Mobility impairment”

- How to deal with mobility impairment in tunnel environments
- Report on best practice

Thank you for your attention