









#### PIARC TC 3.3. Asset Management



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VIRGINIA

**Unites States of America** 

Strategic The Road Administration	Strategic Theme 2 Road Mobility	Strategic Theme 3 Safety and Sustainability	Strategic Theme 4  Resilient Infrastructure
Technical Committees			
TC 1.1 Performance of Transport Administrations	TC 2.1 Roads for Accessibility and Mobility in Urban and Peri-urban Areas	TC 3.1 Road Safety	TC 4.1 Pavements
TC 1.2 Contribution of Roads to Economic and Social Development	TC 2.2 Roads for Equity, Accessibility and Mobility in Rural and Interurban Areas	TC 3.2 Winter Service	TC 4.2 Bridges
TC 1.3 Finance and Procurement	TC 2.3 Sustainable Freight	TC 3.3 Asset Management	TC 4.3 Earthworks
TC 1.4 Planning the Resilience of Road Networks - Climate Change and other Hazards	TC 2.4 Road Network Operations and ITS for Sustainability	TC 3.4 Environmental Impacts of Road Infrastructure and Transport	TC 4.4 Tunnels
TC 1.5 Disaster management	TC 2.5 Road infrastructure for Connected and Automated Mobility	TC 3.5 Road infrastructure for road transport decarbonization	TC 4.5 Decarbonization of road Construction and Road Maintenance
Task Forces			
TF 1.1 HDM-4 (postponed)			TF 4.1 Road Design Standards
Cross-cutting committees			
Terminology Committee			
Road Statistics Committee			

#### **Overview**

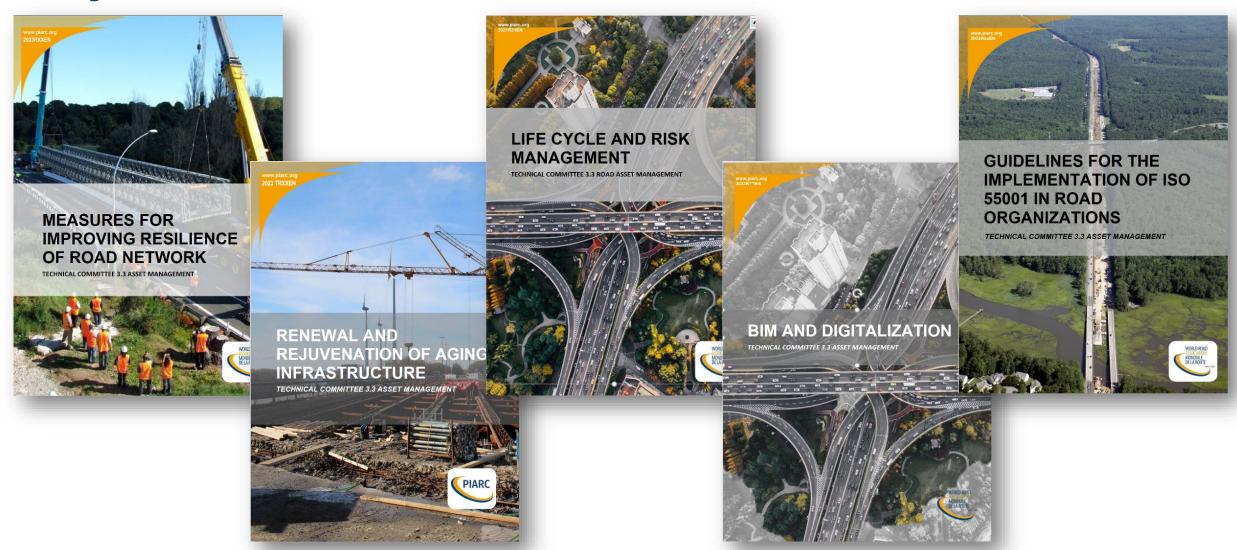
- Good asset management is fundamental to every road authority to ensure it can effectively manage its assets through the asset lifecycle.
- Asset management requires the ability to balance cost, risk and performance.
- PIARC TC 3.3 is looking to further improve the collective understanding of asset management, with a view to more effective management of assets to optimise asset performance.

## TC 3-3 Asset Management Focus

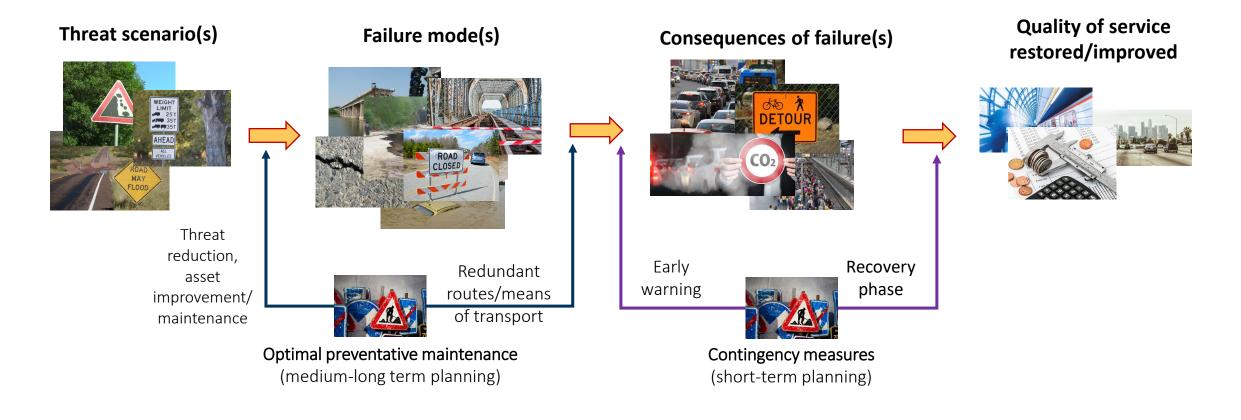
- 3.3.1 Leveraging Technology to Improve Asset Management Practice
  - 3.3.1a BIM and Asset Management
  - 3.3.1b Innovative data collection and analysis
- 3.3.2 Measures for reducing risks and improving the resilience of road networks
- 3.3.3 Renewal and rejuvenation of aging infrastructure
- 3.3.4 Update the content of the Road Asset Management Manual

Also exploring organizing an international conference for road asset management to share learnings from the committee's work activities

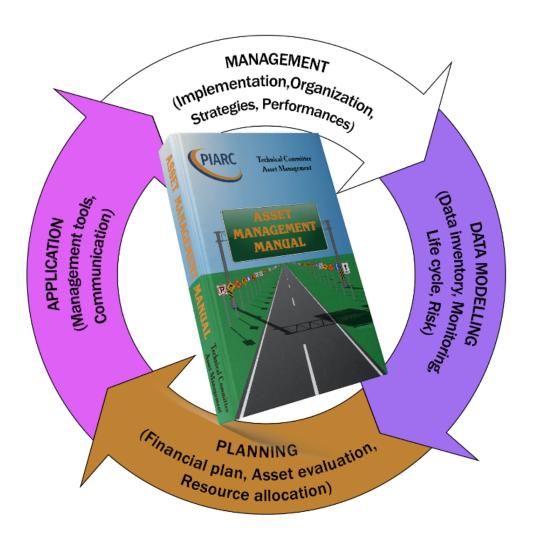
## Cycle 2020-2023 REPORTS



## Example: Risk & Resilience-based approaches in asset management



## **Asset Management Manual**



- New Topics:
  - Digitalization and Information Management
  - Resilience

- French Version
- Spanish Version



Ce manuel a été développé par PIARC (Association mondiale de la Route) et fournit des conseils : sur la manière dont les principes de gestion du patrimoine d'infrastructures peuvent être utilisés pour soutenir une approche plus efficace de l'entretien du patrimoine d'infrastructure routière - le bien le plus précieux des organisations routières - et sur la mise en œuvre et le développement continu de la gestion du

#### Save the date











# PIARC International Seminar on Transportation Asset Management

Dates: April 8-11, 2025 Venue: Gran Melia Hotel, Arusha, Northern Tanzania

http://www.melia.com/en/hotels/tanzania/arusha

#### Thank you for your attention!



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