



World Road Association (PIARC)

Kick off Meeting of PIARC Technical Committee 3.3: Asset Management

31 January, 1&2 February 2024

Paris, France

PIARC Meeting Update Feb 2024

When I talk about PIARC in NZ one of the first things I get asked is what is PIARC?

What does PIARC stand for?

Permanent International Association of Road Congresses (PIARC)

What does PIARC do? Vision

- The world leader in the exchange of knowledge on roads and road transport policy and practices within the context of integrated and sustainable transport.

Mission

- Being a leading international forum for analysis and discussion of the full spectrum of transport issues, related to roads and road transport,
- Identifying, developing, and disseminating best practice and giving better access to international information,
- Fully considering within its activities the needs of developing countries and countries in transition,
- Developing and promoting efficient tools for decision making on matters related to roads and road transport.
- Serve the needs of our members.

Executive Summary

The kick-off meetings for the 2024-2027 cycle for all Technical Committees of the World Road Association (PIARC) were held in Paris, France in January, and February 2024. Paul Geck attended meetings as part of Strategic Theme 3 Safety and Sustainability from the 31st of January to 2nd February; specifically participating in meetings of Technical Committee (TC) 3.3: Asset Management

ST 3 Safe and Sustainability Kick off Meeting Presentations.

The Terms of Reference for TC 3.3

TC 3.3 Asset Management PIARC Introduction

The first meeting was an introduction to PIARC which included introductions to key people understanding terminology, outlining the structure for the Technical Committees / Working Groups and setting expectations of what is required for the next 4 years.

Technical Committee 3.3 Asset Management is made up of 108 Experts from 45 Countries.

A key outcome of this meeting of Technical Committee 3.3 Asset Management was to develop effective working groups with leads, agree the refinement of the scope of works and confirm the timelines for the next 4 years including deliverables.

There are four topics in 3.3 Asset Management these are:

3.3.1 Leveraging Technology to Improve Asset Management Practice

Purpose: The purpose of this work is to investigate how digital technologies can improve the way asset management is undertaken. Included within the scope of this work are Building Information Modelling, data science and visualisation approaches, the use of big data, artificial intelligence applications and automated data collection methods to improve asset management.

The team decided to split this one into two groups being.

1. 3.3.1a Network BIM and Asset Management (or Digitalization and AM)
2. 3.3.1.b Innovative data collection and analysis

3.3.2 Measures for reducing risks and improving the resilience of road networks

Purpose: The purpose of this work is to continue to build the body of knowledge on the use of risk and reliance analysis metrics and tools for managing transportation assets. This can help increase the resilience of road networks to climate change and other stressors

3.3.3 Renewal and rejuvenation of aging infrastructure

Purpose: The purpose of this work is to continue to identify successful approaches for considering the renewal and rejuvenation of aging infrastructure managing transportation assets in asset management.

3.3.4 Update the content of the Road Asset Management Manual

Purpose: The purpose of this work is to continue to update the content of the Road Asset Management Manual. Update will include increasing the number of case studies and include additional sections based on the knowledge gained through the other TC 3.3 activities.

Appointments and Working Group Assignment

Working Group Leaders

- 3.3.1a: Rade HAJDIN (Switzerland) with co-leader Juliana ARISTIZABAL (UK)
- 3.3.1b: Fernando VARELA SOTO (Spain) with co-leader João MORGADO (Portugal)
- 3.3.2: Calado OUANA (Mozambique) with co-leader Helene KLICH (France)
- 3.3.3: John PATERSON (UK) with possible co-leader Pascal TROTTIER (France)
- 3.3.4: Darko KOKOT (Slovenia) with co-leader Alfred WENINGER-VYCUDIL (Austria)

Regional Working Group

Ricardo Solorio agreed to chair the Latin America Working Group with support from Fabian Schvartzter

PIARC Roles agreed:

- Webmaster: Ali Yeganeh
- Communications: Juliana Aristizabal
- Partnerships: Fabian Schvartzter and Nicolas Leroy
- Corresponding Members - Matt Haubrich
- Gender Inclusion and Diversity: Zahraa Kadri
- Terminology: Johannes Dirmeier with support from Ricardo Solorio

Other Roles:

- Seminar Coordination: Donath Mrawira
- Report QA/QC Coordinator: Matt Haubrich for potential coordination with corresponding members.
- Routes/Roads Editor: Pascal Rossigny / Michelle Baran

Working Group Wrap Up

Each working group leader summarised the preliminary discussions on their work activities.

- **3.3.1a** Moved the deliverable out by 1 year. Focussing on case studies in year 1. Discussed the overlap/integration with 3.3.1b.
- **3.3.1b** Discussed the approach to focus on data collection and data analysis answering the questions: why do we need data? What data should we collect? How do we collect it? How do we use it to support AM decision making?
- **3.3.2** Will do a call for papers for Chambery. Report to be delivered by end 2025 in order to have material ready for Chambery. Will focus on case studies.
- **3.3.3** Raising awareness of work completed last cycle and to gain some feedback on work to set direction. Planning to share proposal for what they are doing for this cycle to ensure that proposed outputs are useable for the audience. Schedule starting work now and focus on one objective each year with proposed sequential deliverables. These will be 3 briefing notes.
- **3.3.4** Will work in two streams:
 - Continuous update of AM Manual
 - Update/upgrade of the AM Manual including implementation of new platform. Will provide.
 - input on desired functionality.

Issue	Type of deliverable	Delivery date
3.3.1a - BIM and Asset Management (WG1a)	Technical Report	December 2026
	Routes/Roads Article	June 2027
	Manual session & case studies	December 2026
	Webinar	March 2027
3.3.1b - Innovative data collection and analysis (WG1b)	Technical Report	June 2026
	Routes/Roads Article	September 2026
	Manual session & case studies	June 2026
	Webinar	June 2026
3.3.2 - Measures for reducing risks and improving the resilience of road networks (WG2)	Technical Report	September 2025
	Routes/Roads Article	June 2027
	Manual session & case studies	December 2026
	Webinar	June 2025
3.3.3 - Renewal and rejuvenation of aging infrastructure (WG3)	Briefing Note 1	December 2025
	Briefing Note 2	June 2026
	Briefing Note 3	December 2026
	Routes/Roads Article	December 2025
	Manual session & case studies	March 2027
	Webinar	December 2025
3.3.4 - Update the content of the Road Asset Management Manual (WG4)	Add chapter on BIM and Asset Management	July 2024
	Spanish version online	December 2024
	Development of new Manual Structure	December 2025
	Implementation of new structure	December 2026
	Updated Manual in English	September 2027
	Updated Manual in French and Spanish	September 2027
	Webinar	As planned in TC

Next Meeting

The Working Group will next meet online in March to present current state their area and decide develop cases studies.



PIARC - World Road Association

10,205 followers

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Strategic Theme 3 "Safety and Sustainability" kick-off meetings concluded, led by Keiichi Tamura from Japan. Addressing critical road safety and sustainability issues, focusing on planning, design, construction, operation, and maintenance.

[#PIARCKOM24](#)



Paul Geck

Auckland System Management Alliance Manager, Transport Services

NZ Transport Agency Waka Kotahi