



Prague 2023 27th World Road Congress

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SILNIČNÍ KONFERENCE

4th of October 2022, Prague, Czech Rep.

Introduction



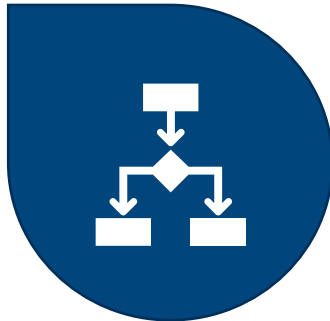
What is PIARC?

- **PIARC** is the new name of the **World Road Association**
- We were **founded in 1909** as a non-profit, non-political association
- Our goal is to organise exchange of knowledge, policy and practice on all matters related to roads and road transport
 - Expert Committees, Reports, International Seminars...
- We have **125 member governments**, as well as regions, groups/companies and individuals.
- The Association mobilizes the experience and knowledge of **1,200 experts** from more than 80 countries in **20+ Technical Committees and Task Forces**.



PIARC's four key missions

- Be a **leading international forum for the analysis and discussion of** the whole spectrum of transport issues related to roads and road transport.
- Identify, develop and disseminate **good practices** and **give better access to international information.**



- Consider within our activities the needs of **countries with developing economies and economies in transition** fully.
- Design, produce and promote **efficient tools for decision making** on matters related to roads and road transport.

The Association mobilizes the experience and knowledge of 1,200 experts from more than 80 countries in Technical Committees and Task Forces.

Operations are guided by a **4-year Strategic Plan.**

Knowledge exchange: The core of PIARC

- **PIARC mobilises international road and transport experts through more than 20 groups (Committees and Task Forces):**
 - Ad-hoc dialogue among peers
 - Network building
 - Joint work towards commonly-agreed deliverables
- **These deliverables are widely accessible:**
 - Reports, Case studies, Literature reviews, etc.
 - Seminars or workshops
 - Online manuals
 - Software and tools
 - Usually in English, French and Spanish. Usually free of charge.
- **PIARC Congresses and events are world-class focus points for:**
 - Dissemination of these deliverables
 - Further discussions and debate



PIARC Strategic Plan 2020 – 2023

1. Road Administration	2. Mobility	3. Safety and Sustainability	4. Resilient Infrastructure
TC 1.1 Performance of Transport Administrations	TC 2.1 Mobility in Urban Areas	TC 3.1 Road Safety	TC 4.1 Pavements
TC 1.2 Planning Road Infrastructure and Transport to Economic and Social Development	TC 2.2 Accessibility and Mobility in Rural Areas	TC 3.2 Winter Service	TC 4.2 Bridges
TC 1.3 Finance and Procurement	TC 2.3 Freight	TC 3.3 Asset Management	TC 4.3 Earthworks
TC 1.4 Climate change and resilience of Road Network	TC 2.4 Road Network Operation/ITS	TC 3.4 Environmental Sustainability in Road Infrastructure and Transport	TC 4.4 Tunnels
TC 1.5 Disaster management			
TF 1.1 Well-Prepared Projects	TF 2.1 New mobility and its impact on road infrastructure and Transport	TF 3.1 Road Infrastructure and Transport Security	TF 4.1 Road Design Standards
(TF 1.2 HDM-4)	TF 2.2 Electric Road Systems		
TF 1.3 Well-Prepared Projects in LMICs			
Terminology Committee			
Road Statistics Committee			

Key horizontal issues

- Our Plan needs to reflect mega-trends, including those that go beyond roads
- It also needs to place roads in the context of the global transport system

- **Climate change**
- **Resilience**
- **Road safety**
- **Innovation**

PIARC continues to deliver value

- A recent survey has confirmed the extent to which they are valued by our readers

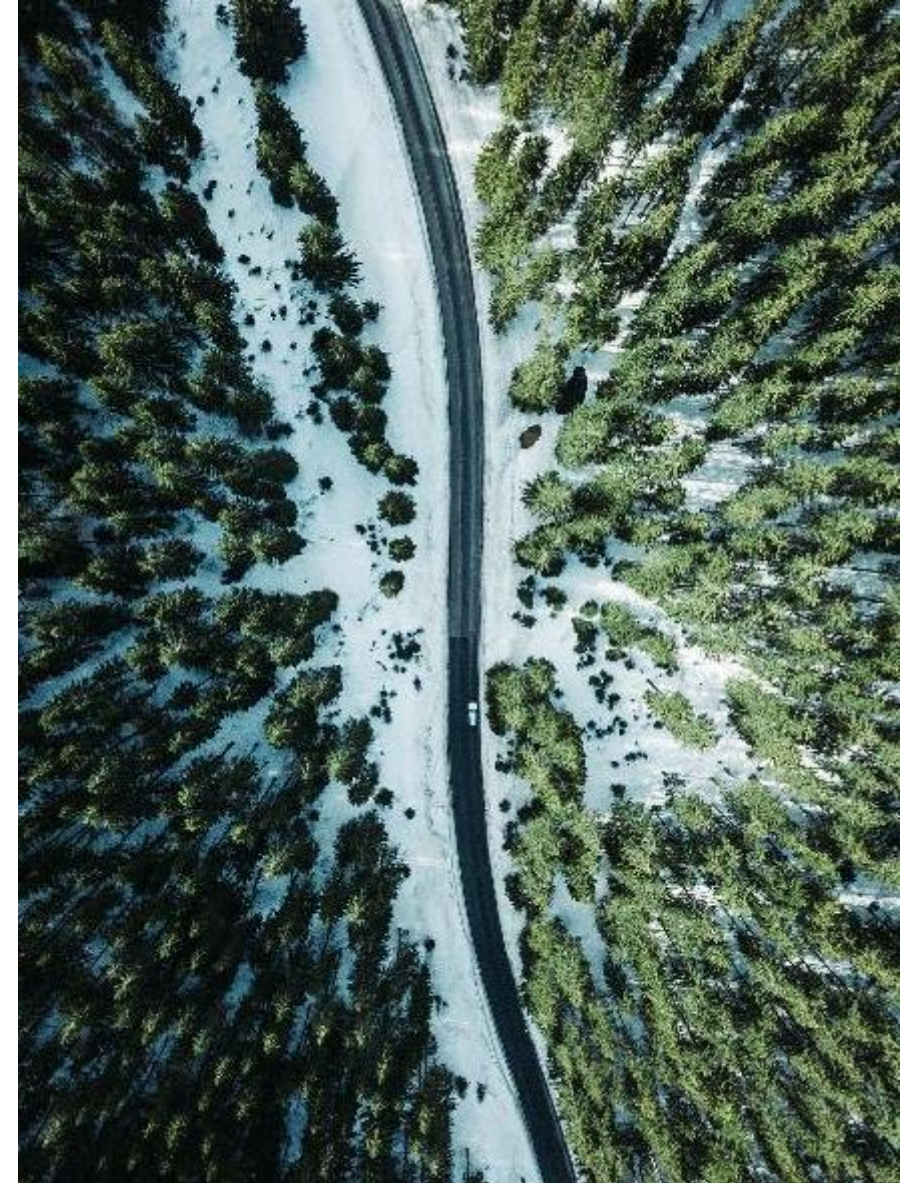
Jan – Aug 2020: Rate the technical content or expertise of the scope of the publication



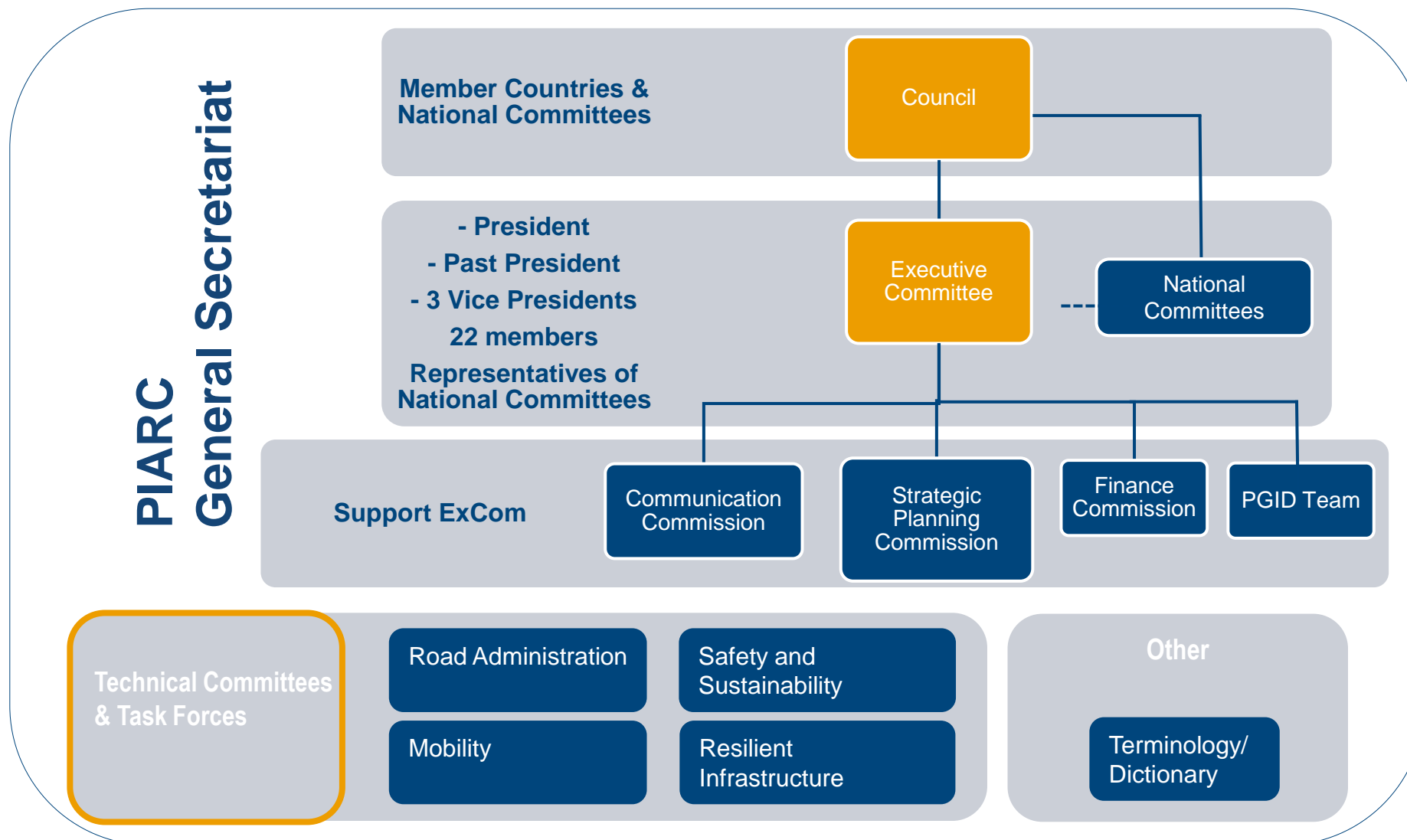
What we do - What we don't do

- **Our mission: Serve the needs of our members**
 - Member countries
 - Experts
- **We share best practice, research results, knowledge and recommendations**
- **Rather than research**
- **We do not engage in standardization**
- **We encourage harmonization where appropriate**
- **We do not express opinions or analysis on national or regional issues**
 - This is a task for member countries or regional road organisations

Organisation



PIARC Organisational Structure



New Executive Committee 2022 - 2024

President

Nazir Alli, South Africa

Past President

Claude Van ROOTEN, Belgium

Vice-Presidents

Emma Lía Albrieu Cipollina, Argentina

Geoff Allan, Australia

Mark Henry Rubarenzya, Uganda



Members

Alexander Walcher, Austria, **Anne-Séverine Poupeleer**, Belgium, **Bine Pengal**, Slovenia, **Birgitta Worrigen**, Germany, **Chantal Lanthier**, Canada, **Chungeng Wu**, China, **Claudine Tremblay**, Canada-Québec, **Emanuela Stocchi**, Italy, **Emma Lía Albrieu Cipollina**, Argentina, **Ernesto Barrera**, Chile, **Geoff Allan**, Australia, **Hugh Gillies**, United Kingdom, **Hyeon-Seung Lee**, South Korea, **Indresh K. Pandey**, India, **Javier Herrero Lizano**, Spain, **Jorge Arganis Díaz Leal**, Mexico, **Mamadou Alassane Camara**, Senegal, **Mark Henry Rubarenzya**, Uganda, **Mārtiņš Dambergs**, Latvia / BRA, **Randall Cable**, South Africa, **Sandrine Chinzi**, France, **Stanislas Naboko**, Russia, **Thomas D. Everett**, USA, **Toyohito Ikeda**, Japan, **Václav Neuvirt**, Czech Republic

National Committees' Representative

Clemente Poon Hung, Mexico

General Secretariat 1/2 (TAs are on the next slide)



<https://www.piarc.org/en/PIARC-Association-Roads-and-Road-Transportation/General-Secretariat>

Technical Advisors

Jazmín Orozco Pastrana
National Committees
Mexico



Jorge Ignacio Monforte Alarcon
ST 1 - Road Administration
Mexico

Lina Granlund
Strategic
Partnerships
Gender inclusion
Sweden



Aleksandra Skorupska
Event Planning Coordinator
Poland



Pavel Šusak
ST 4 - Resilient
Infrastructure
Czech Republic



Jeayoun Kim
ST 2 - Mobility
Republic of Korea



Kei Senoo
ST 3 - Safety and
Sustainability
Japan



27th World Road Congress



Snapshot



■ 27th World Road Congress

- <https://www.wrc2023prague.org/>
- 2-6 October 2023, Prague
- After Abu Dabi 2019, Seoul 2015, Mexico 2011, Paris 2007... And Calgary 2022 (2 themes)

■ Very rich technical Content:

- All our Committees will present their work
- Papers from the call for papers on 49 topics will be presented too
- Ministerial session, Foresight Sessions with our partners, etc.

■ Great opportunity to:

- Learn more about PIARC outputs
- Discuss new ideas, Engage with ministries, with experts, with industry...

Abu Dhabi 2019

		PLENARY	CR A	CR B	CR C	CR D	CR E	CR F	POSTERS SESSIONS	CS 5	CS 7	CS 9
SUNDAY 6 OCTOBER	MORNING	OPENING SESSION										
	AFTERNOON	MINISTERS' SESSION										
MONDAY 7 OCTOBER	MORNING		FS03: Road Resilience	SPS1: Contribution of road transport SPS2: Drones	FS04: Sustainable pavement	FS02: Road safety partnerships	FS01: Socioeconomic impacts CAV	SDS0: Infrastructure		W01: Weigh-in-motion	W02: Road Network Operations / ITS	
	AFTERNOON	KEYNOTE 1	FS06: Sustainable urban freight	TCTFA2: National and subnational coordination	FS07: Transport is not Gender Neutral	FS05: Sustainable Financing	SDS8: Mobility	TCD1: Road asset management	PS1: C1, C2, TFC1	W05: Climate Change adaptation	W03: Road Safety Manual & UN targets	W04: Concrete pavements
TUESDAY 8 OCTOBER	MORNING		TCE3: Disaster management	SDS4: Finance	FS09: Disability-Inclusive Road Transport	FS08: Implementing innovative technologies	TCE1: ITS / RNO	TCD2: Pavements	PS2: E2, D5, B4	W07(1): HDM-4 integration in asset management	W06: RSA & RSI in LMIC	
	AFTERNOON	KEYNOTE 2	SPS3: Electric Road Systems SPS4: PER	TCA1: Performance road administration	FS10: Connected & Autonomous Mobility	SDS0: Road Safety	TCE2: Winter service	TCD3: Bridges	PS3: D2, B1, E3	W07(2): HDM-4 future developments	W08: Rural Access Index	
WEDNESDAY 9 OCTOBER	MORNING		SDS6: Climate Change	TCA2: Socio-Economics	FS11: BIM for highways	TCE1: Road safety policies	TCE3: Urban mobility	TCD4: Earthworks & rural roads	PS4: D3, B2, A1, TFA2	W09: Road Asset Management	W10(1): Airfield pavements innovation	
	AFTERNOON	KEYNOTE 3	TCE1: Resilience of infrastructure	TCA3: Risk management	FS12: Transparency in Transport	TCE2: Safer road infrastructure	TCE4: Freight	TCD5: tunnels operations	PS5: D4, B3, A2	W11: BIM Standards	W10(2): Airfield pavements characteristics	
THURSDAY 10 OCTOBER	MORNING		TCE2: Environmental considerations	TCTFA1: Innovative financing	FS 13: Long distance freight	TCTFCT: Security	TCTB1A3: autonomous vehicles	SPS5: Unpredicted infrastructure failures	PS6: D1, A3, E1, T41	W13: African Task Forces	W12: Regional Road Safety Observatories	
	AFTERNOON	CLOSING SESSION										

SDS = STRATEGIC DIRECTION SESSION
WS = WORKSHOP

FS = FORESIGHT SESSION
TC = TECHNICAL SESSION

SPS = SPECIAL PROJECT SESSION
TF = TASK FORCE

<https://proceedings-abudhabi2019.piarc.org/en/index.htm>

Ministerial Sessions

- Under development
- Lead: Local Organizing Committee
- Give "prestige" to the Congress
- Show of support from Ministers to road topics
- Abu Dhabi 2019:
 - 40 speakers
 - Three plenary sessions on
 - Future transport network
 - Artificial intelligence in the road sector
 - Land use planning
 - Introductory speeches:
 - Future transport network -> PIARC President
 - Artificial intelligence in the road sector -> UAE Minister
 - Land use planning -> ITF Secretary General

Keynote Speakers

- Under development
- Lead: Local Organizing Committee & PIARC
- Give "prestige" to the Congress
- Abu Dhabi 2019:
 - 7 keynote speeches

Strategic Direction Sessions

- Under development
- Lead: PIARC
- Organised by the Strategic Theme Coordinators
- Based on a National Reports prepared by Member Countries
- 1 session per Theme
- STCs have prepared their topic
- The call for national reports is open; Few replies so far

As well as

- "Training" Session on promotion of gender inclusion and diversity
- Mentoring session with female engineers
- Technical Visits
- Accompanying persons' program
- Welcome reception, Gala dinner
- Side events

Foresight Sessions - Workshops

- Under development
- Lead: PIARC
- **Foresight Sessions**
 - High-level sessions
 - Designed to consolidate PIARC's relationships with other organizations
 - Address new topical issues
- **Workshops**
 - More flexible than main sessions
 - They are more interactive
 - Organised with partners and/or with Committees

1 Session per Committee and Task Force

- **Organised by PIARC Committees and Task Forces**

- Speakers from Committees and Task Forces
- Speakers from the call for papers

- **Objectives:**

- Present the work of the Committee / Task Force over the last four years
- Discuss trends
- ... Identify possible new members for the future Plan

- **Plus 49 Poster sessions**

- One per topic of the call

- **Call for papers:**

- All accepted papers => Poster
- Best papers => Poster + Presentation in a session
- Very best papers => Poster + Presentation in a session + Prize Competition

Call for Papers (1/2)

- All TCTFs are involved: They prepared topics and will evaluate abstracts and full papers
- 49 topics were developed by our TCTFs (and reviewed by STCs)

ABSTRACTS	
26 August 2022	Official deadline for submission of abstracts
15 September 2022	Final deadline (was announced end of August) for submission of abstracts
31 October 2022	Topic leaders send decision notifications about abstracts to GS
15 November 2022	Official notification of acceptance of abstracts to authors
FULL PAPERS	
31 January 2023	Official deadline for submission of full papers
28 February 2023	Final deadline (will be announced end of January) for submission of full papers
30 April 2023	Topic leaders send decision notifications about full papers to GS, including recommendations for PIARC prizes
15 May 2023	Official notification of acceptance of full papers to authors
30 June 2023	For “accepted with modification”: deadline for submission of new version of full papers
15 July 2023	For “accepted with modification”: Topic leaders send decision notifications about new version of full papers to GS

Prague 2023 - Call for Papers (2/2)

- **Very good results**
- 739 abstracts from 79 countries or regions

- **Top 12 countries:**

Czech republic	81	Australia	29
Japan	60	Indonesia	29
France	47	UK	26
Italy	42	Mexico	23
Spain	41	Korea	22
Germany	37	Slovak Republic	15

- **Countries:**

- *Lower than usual turnout from some key countries – We are analysing that*
- *Good turnout from: Indonesia (29!), Côte d'Ivoire (12), Colombia (11), Iran, Peru, Burkina Faso, ...*

- **TCTFs:**

- *Most successful: Pavements, Road Safety, Asset management, Planning...*
- *Less successful: Security, Finance, Project preparation, ERS...*

Prize Competition

- **8 Prizes were decided by the ExCom**
- **A call for financial partners (sponsors) is under way**
 - Will be reviewed by ExCom in October
- **International Jury led by the Chair of ComCom**
- Young professionals (under 35 years of age) - *Canada Quebec*
- Authors from LMICs (low and lower-middle income countries) – *Japan Road Association*
- Road design, construction, maintenance and operation
- Road Safety - *USA*
- Climate Change and Resilience
- Sustainable mobility
- Best innovation - *Belgium tbc*
- Organisation and Administration

National Competitions

- Organised at the national level
- Objective: Mobilise authors to present abstracts and then full papers
- **7 Confirmations:** Austria, Hungary, Japan, Korea, Mexico, Poland, Spain and UK
- **2 Unconfirmed expressions of interest:** France and Switzerland
- Italy: National competition, but not linked with PIARC's call for papers

Thank you for your attention!



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