



TECHNICAL COMMITTEE TC2.2: ROADS FOR EQUITY, ACCESSIBILITY, AND MOBILITY IN RURAL AND INTERURBAN AREAS

Introduction and Preparatory meeting

January 16th, 2024

Agenda

1. Introduction - 10 min- (all)
2. Presentation of TC2.2: Achievements from 2020-2023 and Goals for 2024-2027 - 15 min (Imen+ Souleman)
3. TORs presentation and discussion of areas of improvement - 30 min (Imen +all)
4. Work plan and deliverables: work planning over the 4-year cycle for TC activities - 15 min (José)
5. Kick-off Overview - 15 min (Jeayoun Kim/André Broto)
6. Communication/ Meetings - 10 min (Yusuf)
7. Promotion of gender inclusion and diversity - 10 min (Imen)
8. Open discussion - 10 min (All)
9. Conclusion and way forward- 5min (Imen)

Welcoming

- TECHNICAL COMMITTEE TC2.2: **ROADS FOR EQUITY, ACCESSIBILITY, AND MOBILITY IN RURAL AND INTERURBAN AREAS**
- Cycle: **2024-2027**
- Chair: **Imen Makhlouf, Tunisia**
- French speaking secretary: **Souleman Oussiman, Burkina faso**
- English speaking secretary: **Yusuf Adinegoro, Indonesia**
- Spanish speaking secretary: **José R. Marcobal, Spain**
- Technical advisor ST2: **Kim Jeayoun, South Korea**
- ST2 coordinator: **André Broto, France**

Welcoming

- 58 Members ,
- 30% F, 70% M
- 27 Countries from 4 continents (Europe, Africa, Asia, America): Argentina, Bangladesh, Benin, Burkina Faso, Canada, China, South Korea, Côte d'Ivoire, Spain, USA, France, Guinea republic, Indonesia, Iran, Italia, Kazakhstan, Madagascar, Mexico, Moldova, Ouganda, Portugal, Tcheq republic, Roumania, UK, Senegal, Tunisia, Uruguay

Introduction

-10min-

All

**Introduce your self: Name & surname , country ,
Organization and position**

Presentation of TC2.2: Achievements from 2020-2023 and Goals for 2024-2027

-15 min-

(Imen+ Souleman)

TC2.2: ACCESSIBILITY AND MOBILITY IN RURAL AREAS 2020-2023

(Souleman Oussman: past chair)

General Presentation

Issues of TOR

- Analysis of importance of rural roads for accessibility and adequate level of mobility in rural environment (job access, goods access, hospital, school access...);
- Pay attention to vulnerable users;
- Involvement of local communities in planning, construction and maintenance of rural road networks, particularly in LMIC;
- Identify strategies and measures for enhancing public transport;
- Encourage coordination with other TCs and TFs, such as T.C. 1.1, T.C. 1.2, T.C. 2.4, T.C. 3.1, T.F.3.1.

TC2.2: ACCESSIBILITY AND MOBILITY IN RURAL AREAS 2020-2023 (Souleman)

OUSSIMAN Souleman (Burkina Faso)	Chair
VAN DER LINDE Izak (South Africa)	English speaking Secretary
MAKHLOUF Imen (Tunisia)	French speaking Secretary
BARONE Mariano (Argentina)	Spanish speaking Secretary
FRONTERE Noémie (France)	Webmaster
Mariano BARONE (Argentina)	Terminology Correspondent
François CHAIGNON (France)	Communication Focal Point
Imen MAKHLOUF (Tunisia)	Corresponding Members
	Correspondent
	Partnerships Correspondent
Members	33
Corresponding members	14

- WG 2.2.1:** Accessibility and mobility in rural areas
Lead: Mariano BARONE
Co-leader: BALBUENA CRUZ José Alfonso
- WG 2.2.2:** Improve road safety in rural areas
Lead: Imen MAKHLOUF
Co-leader: SILVESTRE Rui
- WG 2.2.3:** Technical solution for paved and unpaved road
Lead: François CHAIGNON
Co-leader: AGUAYO ZAMORA Osvaldo

TC2.2: ACCESSIBILITY AND MOBILITY IN RURAL AREAS 2020-2023 (Souleman)

PLENARY TC/TF MEETINGS

- Participation at the kick of meeting in Paris (22-24 January 2020);
- Organisation of 6 TC meeting (3 in virtual and 3 in face to face)
- Organisation of TC management meeting (all in virtual);
- Organisation of 1 working group meeting 2.2.1;
- Organisation of 2 meeting for working group meeting 2.2.2;
- Organisation of 4 working group meeting 2.2.3.
- Participation at 2 mid-term meeting (1 in virtual December 2021 and 1 in face to face, Bilbao January 25-27, 2023;
- Participation at XXVII WRC Prague (October 2-6, 2023). Technical sessions with 9 oral presentations

TC2.2: ACCESSIBILITY AND MOBILITY IN RURAL AREAS 2020-2023 (Souleman)

SEMINARS (2)

- Joint seminar with Paraguay on Rural roads, connectivity and accessibility for development (21-22 June 2023), 200 attendees. Virtual seminar;
- Seminar on Resilient, Sustainable and Safe Rural Roads & Earth Structure for a better future held in Tunis, 3, 4 and 5 May 2023, 180 attendees. Face to face meeting;

CONFERENCE (2)

- Participation at the International Conference on New Technologies and Innovations in Rural Roads in New Delhi, India, May 2022 (Hybrid conference);
- Organization and participation at the join Regional conference in South Africa with TC3.1 and SARF (18-20 October 2022);

TC2.2: ACCESSIBILITY AND MOBILITY IN RURAL AREAS 2020-2023 (Souleman)

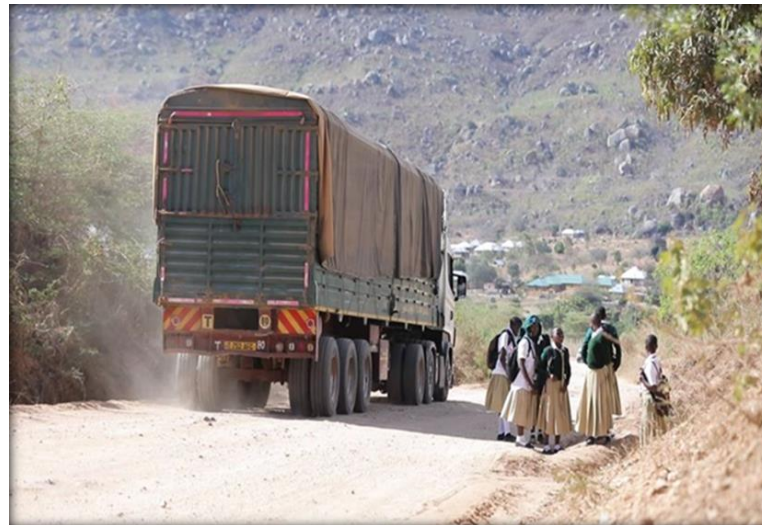
REPORTS/ARTICLES (2)

- Rural roads: Pillars of rural development in Africa - case studies in Medium- and Low-Income African, Asia and some Europe countries;
- TC2.2 contributed to the magazine of the Association: Contribution to RR N° 397 — Women Paving the Way Issue 3rd Quarter 2023 / June “Women’s portrait: Imen Makhoulouf, Transport and Energy Infrastructure Expert, Tunisia

TC2.2: ROADS FOR EQUITY, ACCESSIBILITY, AND MOBILITY IN RURAL AND INTERURBAN AREAS 2024-2027

(Imen Makhlouf: Chair of TC2.2)

Roads play a crucial role in **equity** and accessibility by serving as pathways to opportunities, services, and resources. Particularly vital in rural and interurban areas, they act as instruments for bridging disparities, enabling connections that empower communities and reduce geographical barriers.



Key Words:

Equity

Accessibility

Mobility

Rural

Interurban

Key Words definition:

Equity: ??????

Accessibility: ?????

Mobility: ??????

Rural: ??????

Interurban: ??????

TC2.2: ROADS FOR EQUITY, ACCESSIBILITY, AND MOBILITY IN RURAL AND INTERURBAN AREAS 2024-2027

- ❑ What are the key challenges and barriers to accessibility and mobility in rural and interurban areas?, particularly in lower and lower-middle-income countries?
- ❑ How do the existing transportation infrastructure and services in rural and interurban areas impact accessibility and mobility for different user groups : women, VRUS, persons with disabilities?
- ❑ What are the specific safety challenges faced in rural and interurban areas, and how can road safety measures be enhanced to reduce accidents, injuries, and fatalities?
- ❑ What are the best practices and successful interventions implemented in other regions or countries to enhance accessibility and mobility in rural and interurban areas?

TC2.2: ROADS FOR EQUITY, ACCESSIBILITY, AND MOBILITY IN RURAL AND INTERURBAN AREAS 2024-2027

(Imen Makhlouf: new Chair)

- ❑ What are the existing challenges and issues associated with unpaved roads in rural areas?
- ❑ What technical solutions are currently available and proven effective for improving paved and unpaved roads in similar rural contexts?
- ❑ What are the environmental considerations and potential impacts of implementing various technical solutions?
- ❑ Are there any innovative or context-specific technical solutions that can be explored to address the unique challenges of rural areas?

TORs presentation and discussion of areas of improvement

-30 min-
(Imen +all)

The Technical Committee 2.2 Roads for equity and accessibility in rural and interurban areas is established to address the challenges associated with roads in rural and interurban areas. The committee aims to develop practical recommendations and initiatives that promote equitable access, sustainable mobility, and enhanced road safety

TC2.2 will focus on two key topics:

- **Topic 1: Enhancing Active Modes and Improving Road Safety for All Users:**
- **Topic 2: Technical Solutions for Paved and Unpaved Roads:**

- **Topic 1: Enhancing Active Modes and Improving Road Safety for All Users:**

TC2.2 will focus on enhancing **active modes** of transportation and improving **road safety** for all users.

The committee will outline initiatives that promote walking, cycling, and other non-motorized modes of transportation. Additionally, the committee will focus on how to improve road safety for all users and will analyse existing road safety measures and identify areas for improvement.

■ Topic 2: Technical Solutions for Paved and Unpaved Roads:

The committee will focus on collecting and assessing technical solutions for both **paved** and **unpaved roads** in rural and interurban areas.

This includes exploring **innovative** road construction materials, **pavement** solutions, and **maintenance** techniques that enhance road conditions, improve accessibility, and ensure safer transportation.

The committee will prioritize **cost-effective** solutions that consider the specific requirements and resources available in each area.

The committee's work in both topics will foster the implementation of effective solutions by leveraging global best practices and experiences.

Recognizing the diverse contexts and challenges encountered by high-income countries (HIC) and low- and lower-middle income countries (LIMIC), the committee will take into account the distinct requirements of each group.

TORs adjustments:

- Road safety in rural areas? Road safety for active modes only? Or road safety of all road users?

Initial TORs	Suggestion1	Suggestion2
Topic2.2.1: Enhancing Active Modes and Improving Road Safety for all users	Topic 2.2.1Enhancing active modes and improving road safety for their Users	Topic 2.2.1: Enhancing Active Modes in rural areas
Topic 2.2.2: Technical solution for paved and unpaved road	Topic 2.2.2: Technical solution for paved and unpaved road	Topic 2.2.2: Improving road safety in rural areas for all road users
		Topic 2.2.3: Technical solution for paved and unpaved road

Work plan and deliverables: work planning over the 4-year cycle for TC activities

- 15 min -

(Jose´)

Issues and deliverables (defined in ToR 2024-2027 Strategic Plan)

- Topic 2.2.1 ‘Enhancing Active Modes and Improving Road Safety for their Users’
 - Deliverable 1 ‘Active modes in rural and interurban areas. A literature review.’
 - Deliverable 2 ‘Active modes promoting and enhancing initiatives. Case studies.’
 - Improving Road safety in rural areas?
- Topic 2.2.2 ‘Technical Solutions for Paved and Unpaved Roads’
 - Deliverable 1. ‘Techniques on paved and unpaved new built roads in rural and interurban areas. Case studies.’
 - Deliverable 2. ‘Maintenance contract in rural and interurban areas. Case studies.’

■ **Planned Delivery of TC2. 2 – Roads for Equity, Accessibility and Mobility in Rural and Interurban Areas**

Topic/activity	2024				2025				2026				2027			
	Jan–Mar	Apr–Jun	Jul–Sep	Oct–Dec	Jan–Mar	Apr–Jun	Jul–Sep	Oct–Dec	Jan–Mar	Apr–Jun	Jul–Sep	Oct–Dec	Jan–Mar	Apr–Jun	Jul–Sep	Oct–Dec
Technical Committee 2.2 Roads for Equity, Accessibility and Mobility in Rural and Interurban Areas																
2.2.1 Accessibility and mobility in rural and interurban areas: enhancing active modes and improving road safety for all users							LR						CS			
2.2.2 Technical solutions for paved and unpaved roads					CS ¹								CS ²			

Key: BN = Briefing Note, CS = Collection of case studies, LR = Literature review, SM = Seminar, SU = Survey, TR = Technical Report, MU = Manual Update

CS¹ = New construction techniques (previous cycle)

CS² = Maintenance contracts (financing, KPI,...)

■ Deliverables – Organization & methodology

■ 2 Working Groups

- WG 2.2.1

- Leader XXXXX
- Coleader XXXXX
- Deliverable 1 - Responsible
- Deliverable 2 - Responsible

- WG 2.2.2

- The same structure

■ All members work in two WG

■ Draft methodology in draft Work Plan document

Calendar for each deliverable

Issue 2.2.1 – Deliverable 1. Active modes in rural and interurban areas. A literature review.

Work Item	2024												2025												2026												2027					
	m	a	m	j	J	a	s	o	n	d	j	f	m	a	m	j	j	a	s	o	n	d	j	f	M	a	m	j	j	a	s	o	n	d	j	f	m	a	m	j		
Defining the idea and objectives	█																																									
Review of idea and objectives by STC and GS		█																																								
Search for relevant literature			█	█																																						
Selection and evaluation of sources				█	█																																					
Reading and summary						█	█	█																																		
Writing the report (first draft)								█	█	█	█	█	█	█																												
Internal review of draft document											█	█	█																													
Complete draft by TC													█																													
Review by STC and GS													█																													
Final English version by TC														█																												
Reviewing automatic translation															█	█																										
Publication by GS																																										

Seminars, conference, workshops

- TO BE DEFINED IN THE KOM CONSIDERING MEMBERS INVOLVEMENT
- Proposed: Senegal/Benin for 2024/2025

Participation to:

- 17TH World winter service and road resilience congress- Chambery, France March 2026 (to be confirmed)
- 28th World road congress Vancouver, Canada October 2027
- Suggestions:
 - Long transport time technologies (cold, warm asphalt mixes)
 - Improving concrete pavement low-cost solutions
 - Low emissions asphalt technologies

Meetings

- In person meetings (2 every year)
- Virtual meetings (as required)
 - TC Management meetings
 - WG meeting
 - Seminar organization meeting (if needed)

Work Item	2024												2025												2026												2027					
	m	a	m	j	J	a	s	o	n	d	j	f	m	a	m	j	j	a	s	o	n	d	j	f	M	a	m	j	j	a	s	o	n	d	j	f	m	a	m	j		
Plenary in-person																																										

Kick-off Overview

- 15 min -

(Jeayoun Kim/ Andre´ Broto)

Kick Off Meeting(ST2)

- The Schedule of KOM

- Place: La Défense (west of Paris, accessible by metro 1)
- Date: February 7, 8 and 9

	Feb. 7 (Wednesday)	Feb. 8 (Thursday)	Feb. 9 (Friday)
Title	Plenary meeting With all members of ST2	TC meeting	TC meeting
Time	14:00~18:00	09:00~18:00	09:00~12:30
Building	Coeur Defense	Ministry Building	
		Lunch at 13:00 (Provided by PIARC)	

* Dinner: Can be organized by TC(General Secretariat can assist to find a place)

■ The agenda of Plenary meeting(Feb. 7)

14h00 Start of the meeting		
01- Welcome and presentation of the meetings	Nazir Alli or Patrick Malléjacq	5 mn
02- Presentation of PIARC	Patrick Malléjacq	15 mn
03- Presentation of GS Staff	Robin Sébille	10 mn
04- Introduction to Strategic Plan	Geoff Allan, Setsuo Hirai or Miguel Caso Florez	10 mn
05- Outline of the Strategic Theme	Strategic Theme Coordinator	20 mn
06- PIARC Reports and other products	Robin Sébille	10 mn
07- Seminars and Events	Miguel Caso Florez and Kaouther Machta	15 mn
08- PIARC Congresses	Aleksandra Skorupska or Nadia Lappa	10 mn
09- Operations of Committees and Task Forces - Meetings, Surveys, Special fund etc.	Miguel Caso Florez or Nadia Lappa	15 mn
Break (30 mn)		30 mn
10- Overview of the four year cycle 2024 – 2027	Patrick Malléjacq	10 mn
11- Promotion of Gender Inclusion and diversity	PGID team	10 mn
12- Website & Workspaces	Alain Charles	10 mn
13- Communication and Promotion	Marina Domingo Monsonis	10 mn
14- Partnerships	Jenny Cook or Patrick Malléjacq	10 mn
15- Terminology and Online Road Dictionary	Robin Sébille	10 mn
16- Involving all TC/TF Members	Miguel Caso Florez	10 mn
17- Practical issues, Agenda of the next days, TC/TF Dinner...	Technical Advisor	15 mn
18- Miscellaneous, Further Questions and Answers	Miguel Caso Florez	10 mn
19- Expected outcomes of the TC/TF meeting	Nazir Alli or Patrick Malléjacq	5 mn
18h00 End of the meeting		

■ The agenda example of TC meeting (Feb. 8)

09.00	Start of the meetings
09.00 - 09.30	<p>Welcome by the Chair and Secretaries - Presentation of the meeting <u>agenda</u></p> <p>Goals to be achieved at the end of the meeting:</p> <ul style="list-style-type: none"> - Development of the work program (method and schedule). It is recommended to fill some parts during the meeting. - Establishment of working groups – ensuring their cooperation - Ensuring the involvement of all members - Appointment of all Contact persons in the TC/TF - Next meeting of the TC / TF (date, place, program, work to present) - In-person / Hybrid / Online meetings - Relations with the Strategic Theme Coordinator and General Secretariat
09.30 - 10.30	<p>Self-Introduction of all TC / TF members</p> <ul style="list-style-type: none"> - Individual PowerPoint presentations can be prepared by each member in advance. Including location, job description, professional interest, particular interest in TC Terms of Reference... and even personal aspects such as spoken languages or hobbies.
10.30 - 11.00	Break
<u>11:00</u> -11.30	Presentation of the Terms of Reference of the TC/TF
11.30 - 12.30	Activities and production of past PIARC work cycles; Other existing sources
13.00 - 14.30	Lunch provided by PIARC
14.30	Meeting resumes
14.30 - 15.30	Discussion on issue # 1 - Opening statement to start the discussion - Objectives, outputs, work methods, organization of the TC/TF
15.30 - 16.00	Break
16.00 - 17.00	Discussion on issue # 2 - Opening statement to start the discussion - Objectives, outputs, work methods, organization of the TC/TF
17.00 - 18.00	Discussion on issue # 3 - Opening statement to start the discussion - Objectives, outputs, work methods, organization of the TC/TF
18.00	End of the first day of the meeting

■ The agenda example of TC meeting (Feb. 9)

09.00	<u>Meeting resumes</u>
09.00 - 09.45	Seminars: review of proposals for host countries and topics
09.45 - 10.15	<u>2026 Congress in Chambéry</u>
10.15 - 10.45	Break
10.45 - 11.30	<u>Finalise</u> the organization of the TC/TF: <ul style="list-style-type: none"> - Use of the website - Development of the work program (method and schedule) - Establishment of working groups – ensuring their cooperation - Ensuring the involvement of all members - Appointment of all Contact persons in the TC/TF - Next in-person plenary meeting of the TC / TF (date, place, program, work to present) - In-person / Hybrid / Online meetings / Potential seminars - Relations with the Strategic Theme Coordinator and General Secretariat
11.30 - 12.00	Proposed adjustment to the Terms of Reference, if any: new issues to be added, rewording, etc.
12.00 - 12.15	Next meeting(s): <u>When</u> , Where
12.15 - 12.30	Conclusions of the first meeting
12.30	End of the TC/TF meeting (for ST4 it should finish around 11h)
13.00 - 14.00	<u>Lunch provided by PIARC</u>

Ensemble

- Travaillez ensemble,
 - Ensemble au sein de votre TC
 - Vos contributions doivent être partagées et vérifiées
 - Ensemble avec d'autres TC
 - TC2.1 mobilité en zone urbaine,
 - TC 3.1 sécurité routière
 - TC 4.3 terrassements
 - Ect ...
 - Ensemble avec d'autres organisations
 - séminaires

All Together

- Work together,
 - Together within your TC
 - Your contributions must be shared and verified
 - Together with other TC
 - TC2.1 mobility in Urban areas,
 - TC 3.1 road safety
 - TC 4.3 earthworks
 - Ect...
 - Together with other organizations
 - seminars

Juntos

- Trabajar juntos,
 - Juntos dentro de su CT
 - Tus contribuciones deben ser compartidas y verificadas.
 - Juntos con otros CT
 - TC2.1 movilidad en zonas urbanas,
 - CT 3.1 seguridad vial
 - TC 4.3 "movimientos de tierras
 - Ect ...
 - Juntos con otras organizaciones
 - seminarios

Communication/Meetings

- 10 min-

(Yusuf)

Meetings are essential during TC mandate:

- There is a need for a certain regularity to create team spirit.
- Meetings can be In-person or Online

■ In person meetings

■ **In-person plenary meetings are essential to know/understand each other**

- They must not be replaced by online meetings
- Members are engaged to attend by their nominations

■ **Frequency: one per semester**

- 1st Semester 2024: KOM in Paris
- 6 intermediate in-person plenary meetings, at least 2 with seminars in LMIC
- 2nd Semester 2027: WRC in Vancouver

■ **Characteristics**

- 2 days of meetings (less is not worth it for international travels).
- Consult corresponding members to include their views and to inform them of the outcomes.
- Consider doing hybrid parts of the meeting.
- Next in-person plenary meeting should be scheduled at latest during the previous one.

Online meetings

- **They are essential to progress on TC work and to build team spirit**
 - Every TC member should meet at least once per month

- **Types of online meetings**
 - TC management meeting: Chairs, Secretaries and WG leaders. 60-120 minutes, once per month.
 - WG meeting: WG leader, co-leader and members. 60-120 minutes, twice in between plenary meetings.
 - Seminar organization meeting: Chair, organizing committee, host country & GS. 60 minutes, once per month.
 - Catch up for in-person meetings: Contact person for corresponding members, all members who cannot participate to the in-person meeting. 60-90 minutes, before and after in-person plenary meetings.
 - TC plenary online meeting (depending on membership size).
 - ST Coordination meeting: organized by ST Coordinator

- **Characteristics**
 - Take into account time zones (if no acceptable time can be found, consider repeating it twice).
 - Schedule it 3-4 weeks in advance.
 - Consider recording it and sharing the recordings.

TC 2.2 Communication

- To support the communication among members, the email would be the primary tools to communicate among members of the TC, however it suggest to have other communication platforms such as Whatsapp or others apps that suitable among members.
- Currently, the Whatsap group has been created and used for communication, however it is openly to get feedback from members to evaluate its effectiveness.

Nominations of contact persons:

- Webmaster
- Partnerships
- Communication
- Terminology
- promotion of Gender inclusion and diversity PGID.

Volunteers to be appointed during KOM.

If you are interest to be part of contact persons list please express your interest earlier during meeting or by email

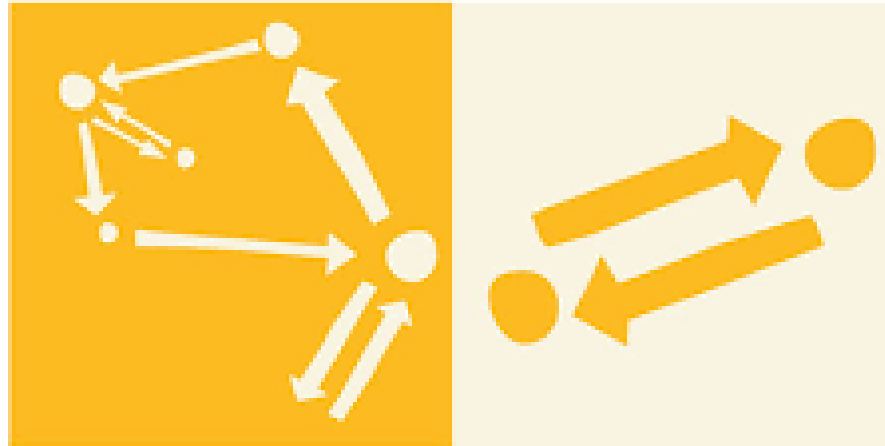
Promotion of gender inclusion and diversity

- 10 min -

(Imen)

-
- Gender inclusion and diversity are highly valued within PIARC organization.
 - Recognizing the importance of creating an inclusive and diverse environment, PIARC actively promotes and fosters a workplace culture that embraces individuals of all genders and backgrounds.
 - PIARC is committed to integrating gender and diversity considerations across all its activities and technical committees work.

- The mobility patterns of men and women vary significantly, especially in terms of safety considerations especially in rural areas.



- Women frequently encounter a gender disparity in mobility, leading to limitations in their capacity to travel securely and without restrictions compared to men.
- This limitation can adversely impact their accessibility to education, employment, healthcare, and other vital services, especially in rural areas.

It is necessary to integrate gender perspective in TC2.2 activities:

- **Review TORs to ensure that relevant aspects are included.**

Text from TC2.2 TORs ``HIC and LMICs countries have significant rural populations that face barriers to access to essential services: education, healthcare, and employment opportunities.

Women and girls in rural areas may experience unique safety concerns and risks while using transportation system.

By improving accessibility and mobility, these countries can promote social inclusion and ensure that rural communities have equitable access to services and opportunities``.

- Any suggestions to promote Gender inclusion and Diversity inside TC2.2?

- ???

Open discussion

- 10 min-

(All)



Conclusion and way forward

- 5min -

(Imen)

In summary what will happen in 4 years 2024-2027:

- Meeting in Paris 7-8-9 February 2024
- TORs adjustment and Workplan finalisation during KOM in Paris
- Deliverables production as per the workplan
- Hold two in-person meetings per year often in conjunction with another committee, seminar,
- Hold several online meetings
- Hold two seminars in Low and middle Incomes countries (cojointed with TC meeting)
- Participate to the world road congress in Vancouver Canada October 2027

Thank you for your attention!



@PIARC_Roads



World Road
Association PIARC



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World Road
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