











Accessibility and Mobility in Urban and Peri-Urban Areas: Challenges and Opportunities for the Cities of Tomorrow





Accessibility and Mobility in Urban and Peri-Urban **Areas: Challenges and Opportunities for the Cities** of Tomorrow

15 - 17 October, 2025



1. THE PIARC PROGRAM AND **INTERNATIONAL SEMINARS**

PIARC (the World Road Association) is a non-political, non-profit organization whose mission includes the organization of forums, the dissemination of best practice and the promotion of efficient tools for road and road transport decision support.

As part of its work, and since 1999, the Association has been organizing a program of international seminars that strengthens its presence in the world, its consideration of the needs of developing countries and countries in transition, and makes the results of the Association's work more widely known in these countries.



2. TECHNICAL COMMITTEE 2.1

ROADS FOR ACCESSIBILITY AND **MOBILITY IN URBAN AND** PERI-URBAN AREAS

This committee focuses on how road networks can support equitable, sustainable, and safe mobility in urban and peri-urban areas, addressing issues related to spatial planning, multimodal transport, and public space governance. CT 2.1 places particular emphasis on intermodal integration, urban vehicle access regulations (UVAR), and the safety of vulnerable road users in high-density urban environments. The committee's work contributes to building a resilient and inclusive approach to urban mobility.

Key topics:

- 2.1.1 Cooperation between transport modes in urban and peri-urban areas for more integrated and equitable mobility
- 2.1.2 Urban Vehicle Access Regulations (UVARs): low-emission zones, pedestrian areas, congestion pricing
- 2.1.3 Securing mobility of vulnerable road users in crowded streets and for highly frequented infrastructures



3. OBJECTIVES OF THE SEMINAR

The development of accessible, inclusive, and sustainable cities is now a major challenge for transport policies in a context of rapid urbanization, ecological transition, and evolving mobility patterns. The work of PIARC Technical Committee 2.1 is aligned with this dynamic, emphasizing modal integration, urban access regulations, and the protection of vulnerable road users.

This international seminar aims to:

- Promote intermodal cooperation and the optimization of public space to support smoother, more equitable, and environmentally respectful mobility;
- · Share feedback and experiences on Urban Vehicle Access Regulations (UVAR), such as low-emission zones and restricted-access areas, as tools for urban transformation and improved quality of life;
- Explore strategies to enhance the safety of vulnerable road users, especially high-density environments, by integrating new forms of mobility;
- Encourage dialogue among experts, practitioners, decision-makers, and researchers on innovative and inclusive solutions to today's and tomorrow's urban mobility challenges.

This seminar is intended as an international platform for knowledge exchange, bringing together diverse experiences and approaches to address urban and peri-urban mobility issues. Its goal to formulate practical context-sensitive recommendations to support the transition toward the cities of tomorrow; cities that are more accessible, inclusive, sustainable, and resilient, and capable of meeting the needs of all citizens within a framework of balanced and respectful development.

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Fez 15 - 17 October, 2025



The international seminar "Accessibility and Mobility in Urban and Peri-Urban Areas: Challenges and Opportunities for the Cities of Tomorrow" targets a wide range of stakeholders involved in the planning, management, and innovation of urban mobility. It is intended for national and local authorities, road and urban infrastructure managers, transport and mobility officials, technical and digital service providers, as well as public and private transport operators.

Also concerned are urban planning experts, civil society organizations, academics, researchers, students, and all professionals committed to building sustainable, inclusive, and smart cities. The seminar will also bring together international experts, representatives of multilateral organizations, and policymakers involved in shaping public policies on mobility and urban development.

5. GENERAL INFORMATION AND VENUE OF THE SEMINAR

The seminar will be held at the **Private University** of Fez (UPF) in the city of Fez, from 15 to 17 October 2025.

Fez: the spiritual and cultural capital of the Kingdom of Morocco, is a millennia-old city located in the north of the country. Listed as a UNESCO World Heritage Site, Fès is renowned for its medina, one of the largest and best-preserved in the Arab-Muslim world. A city of knowledge, history, and civilization, it is home to ancient madrassas, magnificent palaces, and a vibrant network of traditional crafts.

Its authentic atmosphere, historical depth, and rich architectural and cultural heritage make it an exceptional destination for hosting an international event. Easily accessible by air via its international airport, Fès also provides an ideal setting for reflection and exchange on the cities of tomorrow, sustainable mobility, and urban inclusion.



The seminar will take place over **three days** and will be structured around several **technical sessions** covering the key themes outlined in the preliminary programme. The **first two days** will be dedicated to presentations and discussions, featuring contributions from members of the Technical Committee, **Moroccan experts**, and **international specialists** from a variety of geographical and institutional backgrounds.

Each session will provide an opportunity to showcase experiences, approaches, and innovative solutions related to accessibility and mobility challenges. A high-level roundtable discussion will conclude the technical proceedings. The third day will be devoted to one or two technical site visits, organized in the Fès region.

Languages of the Seminar

The working languages of the seminar will be **French and English**, with **simultaneous interpretation** provided between the two.



F E Z

INTERNATIONAL SEMINAR

Accessibility and Mobility in Urban and Peri-Urban Areas: Challenges and Opportunities for the Cities of Tomorrow



15 - 17 October, 2025 Private University of Fez - Fez, MOROCCO

MEE-AMPCR-PIARC-UPF

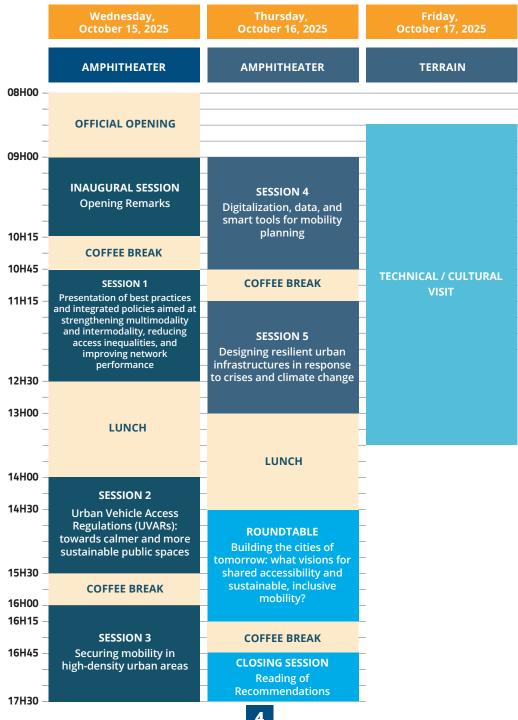
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PROGRAM

The seminar program is structured around five technical sessions and one high-level roundtable. Each session has been designed to highlight the priorities identified in the PIARC 2024-2027 Strategic Plan while fostering exchanges between Moroccan and international experiences. The debates will explore innovative solutions in transport system planning, regulation, safety, and resilience, with a particular focus on social equity, inclusion, and sustainability. The roundtable will conclude the seminar by opening a forward-looking reflection on the visions and strategies to be implemented for building the cities of tomorrow, accessible and resilient.

The seminar will be organized according to the following program:



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WEDNESDAY, OCTOBER 15, 2025

08:00 - 09:00	Participant Registration		
09:00 - 10:15		Opening Session	
	Opening Address	Mr. Minister of Equipment and Water	
	Opening Address	Mr. Minister of Transport and Logistics	
	Institutional Presentation of PIARC Mr. Patrick MALLEJACQ, Secretary General of PIARC		
	Welcome Speech by UPF	Mr. Mohammed Aziz LAHLOU, President of the Université Privée de Fès (UPF)	
	Welcome Speech by AMPCR	Mr. Mohamed QACHAR, First Delegate and President of the Moroccan Permanent Road Congress Association (AMPCR)	
10:15 - 10:45	Coffee Break		
10:45 - 11:00	Presentation of PIARC Technical Committee TC2.1 : Roads for Accessibility and Mobility in Urban and Peri- Urban Areas	Mr. Andrea SIMONE, Chair of PIARC Technical Committee 2.1, University of Bologna - Italy	

SESSION 1

Presentation of best practices and integrated policies aimed at strengthening multimodality and intermodality, reducing access inequalities, and improving network performance

The rapid growth of cities requires transport systems that can ensure both fluidity and equity. The current fragmentation between modes of transport creates inequalities in access and limits the efficiency of networks.

This session will highlight successful initiatives and innovative public policies that promote better coordination among different transport modes. It will examine how intermodal cooperation and integrated network design can reduce social and territorial inequalities in accessibility. Through concrete examples, strategies will be presented to streamline mobility, optimize the use of public space, and improve the overall performance of urban and peri-urban transport systems.

11:00 - 12:30	Session 1 : Presentation of best practices and integrated policies aimed at strengthening multimodality and intermodality, reducing access inequalities, and improving network performance			
11.00-11:05	Introduction	Session Chair : Mr. Mounir El HOUMA, Director General of NOVEC - Morocco		
11:05-11:20	Multimodal development work and the French doctrine (reserved lanes, bus stops) on expressways and urban motorways in France	IMs Sandrine ROUSIC PIARC TC2.1 member Franconhone Secretan		
11:20-11:35	Sustainable Urban Mobility Plan of the Rabat-Salé- Témara Agglomeration	Mr. Mohammed IHROU, Acting Director General of Rabat Regio Mobility - Morocco		
11:35-11:50	A multimodal hub in a peri-urban area of Paris / Île-de- France : the Longvilliers Multimodal Park	Mr. Pierre LANDAU, PIARC TC2.1 member, VINCI Autoroutes - France		
11.50-12:05	Presentation of the National Mobility Master Plan	Mr. Taib BENSSEID, Director of the Transport Department, CII Morocco		
12:05-12:25	Questions / Answers and Debate	All speakers and the session chair		
12:25-12:30	Session Conclusions	The session chair		
12:30 - 14:00	Lunch			

SESSION 2

Urban Vehicle Access Regulations (UVARs): towards calmer and more sustainable public spaces

Congestion, pollution, and noise undermine quality of life in cities. Urban Vehicle Access Regulations (UVAR), such as low-emission zones, congestion charging, or pedestrianization, have become essential levers.

This session will present international and local experiences on the design, implementation, and evaluation of these measures. It will also explore their benefits in terms of sustainability, public health, and quality of life, as well as the challenges related to social and territorial equity.

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WEDNESDAY, OCTOBER 15, 2025

14:00 - 15:30	Session 2 : Urban Vehicle Access Regulations (UVARs): towards calmer and more sustainable public spaces			
14:00-14:05	Introduction	Session Chair : Mr. Sylvain NACHEF, Executive Director of the International Branch, Artelia - France		
14:05-14:20		Ms. Wanda DEBAUCHE, PIARC TC2.1 Member, Leader of WG 2.1. Belgian Road Research Center - Belgium Mr. Mohammed Mouhcine MAAROUFI, PIARC TC2.1 Member, Director General of SIGMATOP - Morocco		
	Dedicated Truck Lanes : The Case of Casablanca			
14:35-14:50	Development of Major Corridors Crossing Densely Populated Urban Areas (Examples from Tunisia and Conakry)	Ms. Saloua TRIKI, PIARC TC2.1 Member, Tunisian Road Association Tunisia		
14:50-15:05	Upgrading Access Infrastructure to Urban Centers	Mr. Roland DOLLET, Independent Consultant - France		
15:05-15:25	Questions / Answers and Debate	All speakers and the session chair		
15:25-15:30	Session Conclusions The session chair			
15:30 - 16:00	Coffee Break			

SESSION 3

Securing mobility in high-density urban areas

The increasing density of urban environments presents major safety challenges. The coexistence of public transport, active modes, and new forms of mobility adds complexity to road environments and increases the vulnerability of users.

This session will focus on concrete measures and policies to protect vulnerable users (pedestrians, cyclists, the elderly, and children) in congested and often conflicting spaces. It will also emphasize the management of flows and crowds in major infrastructures and during large-scale events, areas where significant gaps remain at the global level.

Discussions will highlight the latest technical and organizational innovations, while seeking to identify inclusive approaches capable of ensuring safe and equitable mobility for all, even in the densest urban environments.

16:00 - 17:30	Session 3 : Securing mobility in high-density urban areas			
16:00-16:05	Introduction	Session Chair : Mr. Bennacer BOULAAJOUL, Director General of the National Road Safety Agency (NARSA) - Morocco		
16:05-16:20	Québec Road Safety Action Plan 2023-2028 : Considering vulnerable road users in urban environments	Ms. Mélanie ST-CYR, PIARC TC2.1 member, Ministry of Transport ar Sustainable Mobility, Québec - Canada		
1 16.70-16.35		Ms. Loubna MAAZOUZI, Director of the Road Safety Surveillance and Expertise Division, NARSA - Morocco		
16.35-16:50	Lessons Learned and Consequences from Crowd Disasters	Mr. Juergen GERLACH, PIARC TC2.1 member, University of Wuppertal Germany		
16:50-17:05	Sustainable Urban Mobility. Case study of the Rabat	Ms. Soumia JANNAN, PIARC TC2.4 member, Head of the Communication and Legal Monitoring Unit, Directorate General of Roads - Morocco		
17:05-17:25	Questions / Answers and Debate	All speakers and the session chair		
17:25-17:30	Session Conclusions	The session chair		
Closing of the first day's proceedings				

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SESSION 4

Digitalization, data, and smart tools for mobility planning

Data has become a strategic resource for understanding, planning, and regulating mobility. Digital transformation paves the way for greater use of big data, urban modeling, and smart tools.

This session will examine how the use of big data, intelligent systems, and urban modeling tools can improve transport planning, anticipate demand, and guide public policy. Discussions will also address data governance, transparency, and the role of digital infrastructure as drivers of more efficient and equitable mobility.

09:00 - 10:45	Session 4 : Digitalization, data, and smart tools for mobility planning Exploring the potential of big data, smart systems, and urban modeling to guide decisions			
09:00-09:05	Introduction	Session Chair : Mr. Thierry AUCHENE, Director of the Mobility Division IRIS Conseil - France		
09:05-09:20	i · · · · ·	Mr. Xi LU, PIARC TC2.1 member, China Academy of Transportation Sciences - China		
09:20-09:35	Modernization of the road traffic counting system in Morocco : "MOROCCO TRAFFIC" system	Mr. Abdelkarim ELALLAOUI, Head of the Road Maintenance an Operations Division, Directorate General of Roads - Morocco		
09.35-10:50	Integration of Intelligent Transport Systems (ITS) and Innovation in Highway Traffic Management	Mr. Rachid OUAHMANE, PIARC TC2.4 member, Head of the Department of Digitalization, Tolling, and Traffic Information Management, ADM - Morocco		
09:50-10:05	Data as Public Infrastructure - How DTDS supports inclusive urban mobility	s Mr. Harvey BLUNDELL (online), PIARC TC2.1 member, Smart Delive Project Manager, Transport Scotland - United Kingdom		
10:05-10:20	Automatic analysis and visualization of road traffic data	Mr. Alexandre DEPETRIS (online), CEREMA - France		
10:20-10:40	Questions / Answers and Debate	All speakers and the session chair		
10:40-10:45	Session Conclusions	The session chair		
10:45 - 11:15	Coffee Break			

SESSION 5

Designing resilient urban infrastructures in response to crises and climate change

Health crises, natural disasters, and the effects of climate change highlight the vulnerability of urban networks. Adapting infrastructure to these challenges is no longer optional but a necessity.

This session will present innovative approaches to design, adapt, and manage networks capable of absorbing shocks and

11:15 - 13:00	Session 5 : Designing resilient urban infrastructures in response to crises and climate change Perspectives on the design and management of urban networks capable of adapting to extreme events, energy transitions, and evolving demand			
11.15-11:20	Introduction	Session Chair : Mr. Mohammed JALIL, Climate Change Expert - Morocco		
11:20-11:35	The World Bank's approach to resilient and Mr. Nabil SAMIR, Morocco Transport Program Co-Coordir sustainable urban infrastructure Senior Transport Specialist, World Bank - Morocco			
11:35-11:50	Climate resilience of infrastructure in Morocco	Mr. Julien LAMOUR, Director of Environment and Climate Division, Ir Conseil - France		
11:50-12:05	Planning resilient urban transport networks in the face of climate change	Ms. Mounia SKALLI, Transport and Mobility Consultant - Morocco		
12.05-12:15	Improving the resilience of transport infrastructure	Ms. Margherita PESCARA (online), Transport Infrastructure Resilience and Adaptation Research Officer, CEREMA - France		
12.15-12:25	Adapting urban roadways to climate change : a compendium of adaptation solutions	Mr. Nicolas FURMANEK (online), Project Manager for Urban Roadways and Resilience, CEREMA - France		
12:25-12:55	Questions / Answers and Debate	All speakers and the session chair		
12:55-13:00	Session Conclusions The session chair			
13:00 - 14:30	Lunch			

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THURSDAY, OCTOBER 16, 2025

ROUNDTABLE

Building the cities of tomorrow: what visions for shared accessibility and sustainable, inclusive mobility?

The cities of tomorrow must be accessible, sustainable, and inclusive. This ambition requires a shared vision and strong political choices.

This high-level roundtable will bring together decision-makers, experts, and practitioners for a forward-looking debate on possible pathways for the cities of tomorrow. It will seek to develop a common vision and identify priority action levers to ensure mobility that is sustainable, inclusive, and accessible to all. Discussions will cover the social, environmental, economic, and institutional dimensions of mobility, with the objective of formulating concrete recommendations to guide the transition of cities towards more equitable and resilient models.

14:30 - 16:15	Roundtable: Building the cities of tomorrow: what visions for shared accessibility and sustainable, inclusive mobility?		
14:30-14:40	Introduction	Moderator : Ms. Soukaina BOUJAADA - Transport and Mobility Consultant - Morocco	
	Panelist 1	Mr. Ziad Salim EL NAKAT, Transport Specialist, Middle East and North Africa Region, World Bank - Lebanon	
	Panelist 2	Mr. Gao CHANG, PIARC TC2.1 Member - China	
14:40-15:40	Panelist 3	Mr. Hicham KIRTASSI, Director General, Fès Regional Development Company Fès Région Aménagement - Morocco	
	Panelist 4	Ms. Wanda DEBAUCHE, PIARC TC2.1 Member, Leader of WG 2.1.2, Belgian Road Research Center - Belgium	
	Panelist 5	Mr. Oussama KHOUMSSI, Project Director - Transport, Mobility & Infrastructure, SETEC - Morocco	
	Panelist 6	Ms. Afifa LAMRINI, Mobility Project Manager, NOVEC - Morocco	
15:40-16:10	Questions / Answers and Debate All panelists and the roundtable moderator		
16:10-16:15	oundtable Conclusions The moderator		
16:15 - 16:45	Coffee Break		
16:45-17:00	Reading of the seminar recommendations	Mr. Mohammed Mouhcine MAAROUFI, PIARC TC2.1 Member, Director General of SIGMATOP - Morocco	
17:00-17:15	Closing Address - Technical Committee 2.1	Mr. Andrea SIMONE, Chair of PIARC Technical Committee 2.1, University of Bologna - Italy	
17:15-17:30	Closing Address - AMPCR	Mr. Mohamed QACHAR, First Delegate and President of the Morocc Permanent Road Congress Association (AMPCR)	
19:30		Gala Dinner	



FRIDAY, OCTOBER 17, 2025

TECHNICAL / CULTURAL VISIT

8:30 - 9:00	Departure from the hotel to the Medina of Fez
	Project presentation
9.00 - 10.00	Visit of the Medina of Fez with the aim of proposing recommendations on mobility calming (private vehicles, pedestrians, goods, public transport, and parking) within the medina"
	Cultural visit : Al-Qarawiyyin University, the oldest university in the world
13:00 - 14:00	Return to the hotel

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8. ORGANIZING COMMITTEE

TECHNICAL COMMITTEE 2.1

- Andrea SIMONE (Italy) Chair
- Izak VAN DER LINDE (South-Africa) **English-speaking Secretary**
- Sandrine ROUSIC (France) French-speaking Secretary

GENERAL SECRETARIAT

- Miguel CASO FLOREZ (Spain) PIARC Technical Director
- Kaouther MACHTA (Tunisia) Technical Advisor for the Strategic Mobility Plan

THE PERMANENT MOROCCAN ASSOCIATION OF ROAD CONGRESSES AND THE PRIVATE UNIVERSITY OF FEZ

• Omar ESSEKELLI (Morocco) **Deputy Director of Roads**

Mohammed OUAZZANI JAMIL (Morocco)

Vice-President of the Private University of Fez / Dean of the Faculty of Engineering Sciences

Mohammed Mouhcine MAAROUFI (Morocco)

Moroccan Mobility Expert / Member of the PIARC Technical Committee 2.1

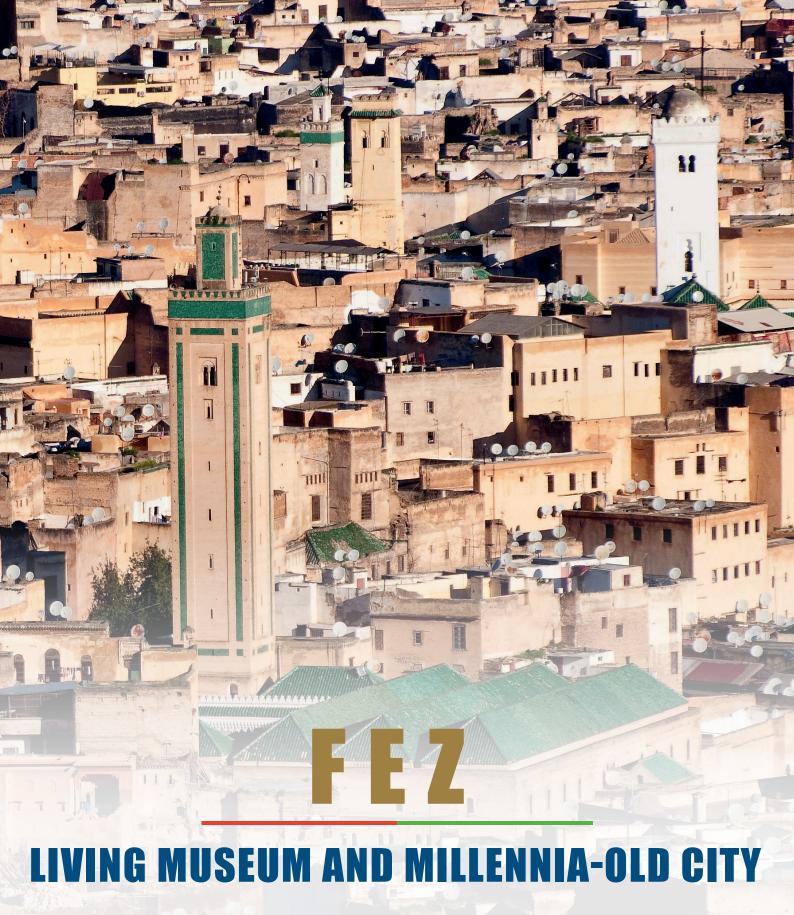
Soumia JANNAN (Morocco)

Head of the Communications and Legal Monitoring Unit at the General Directorate of Roads / Member of the PIARC Technical Committee 2.4

• Brahim BESBAS (Morocco)

PMARC Secretariat







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9. REGISTRATION FEES

The registration fees to attend the different activities of the Seminar are listed below:

- Moroccan participants: 2 000 Dh /person.
- Participants from low and middle income countries: 200 € /person.
- Participants from other countries: 350 € /person.

The registration fee covers participation in the Seminar, coffee breaks and lunches during the three days.

They do not cover accommodation and transportation costs.

The number of places is limited. The organizing committee may refuse applications when the limited number of places is reached.



10 GALA DININFR

A sumptuous gala dinner will be held in conjunction with the seminar and will provide an excellent networking opportunity.

- Moroccan guests: 500 Dh /person.
- Guests from low and middle income countries: 50 € /person.
- Guests from other countries: **70 € /person.**



11. PAYMENT TERMS

Payment of registration fees can be made by bank transfer to the AMPCR account or by cheque made out to AMPCR.

The supporting documents for the transfer or the cheque for payment should be sent to the AMPCR Secretariat.

Details for bank transfer

Name of Beneficiary: AMPCR

• Bank: SOCIETE GENERALE Agence Rabat, Souissi - Maroc

• Bank details: **022 810 000 150 00 062175 28 23**

• BIC / SWIFT : SGMBMAMC

• IBAN : MA 64 022 810 000 150 0006217528 23

For more information please contact:

AMPCR Secretariat

National Center of Road Studies and Research B.P 6219 Rabat- Instituts, Hay Riad Rabat Maroc Tel.: +212 (0) 6 56 69 95 15/16 Fax: +212 (0) 5 37 71 44 48

E-mail: ampcr2025@gmail.com Website: www.ampcr.ma

Accessibility and Mobility in Urban and Peri-Urban Areas: **Challenges and Opportunities for the Cities of Tomorrow**

15 - 17 Octobre, 2025 - Private University of Fez - Fez, MOROCCO











If you are interested in participating in the PIARC International Seminar on Accessibility and Mobility in Urban and Peri-Urban Areas: Challenges and Opportunities for the Cities of Tomorrow, please fill in the form below and send it by mail or fax to:

AMPCR Secretariat National Center of Road Studies and Research B.P 6219 Rabat-Instituts, Hay Riad Rabat Maroc Tel.: +212 (0) 6 56 69 95 15/16 Fax: +212 (0) 5 37 71 44 48 E-mail: ampcr2025@gmail.com

Last name: Fir	st name:	
Title:		
Organization:		Country:
Address:		
City:	Phone :	
E-mail :	Fax :	
 with this form a proof of bank transfer or Dh corresponding to the registration for the seminar. inner.	•	out to AMPCR for an amount of

Date and signature

9. ACCOMMODATION



FES MARRIOTT HOTEL JNAN PALACE 5*

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Website:

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L'Association Marocaine Permanente des Congrès de la Route The Permanent Moroccan Association of Road Congresses



INTERNATIONAL SEMINAR

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