



Asociación Mexicana
de Ingeniería de Vías Terrestres, A. C.

Ciudad de México

30 de noviembre al 3 de diciembre / November 30 to December 3



2022

Seminario Internacional / International Seminar

con el tema:



“Planeación, financiamiento y riesgos sociales
para el desarrollo y gestión de infraestructura carretera”

with the topic:



“Planning, financing and social risks for the
development and management of road infrastructure”



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POR EL MEJORAMIENTO DE LAS VÍAS TERRESTRES / *For the improvement of roads*



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PIARC INTERNATIONAL SEMINAR ON PLANNING, FINANCING AND SOCIAL RISKS FOR THE DEVELOPMENT AND MANAGEMENT OF ROAD INFRASTRUCTURE

PIARC's Program for International Seminars

PIARC, the World Road Association, is a nonprofit organization founded in 1909. During its more than 100-year history, the Association's main objective has been the promotion of international cooperation and the exchange of knowledge on issues related to roads and road transport.

As part of this work, since 1999 PIARC has carried out a program of international seminars with the aim of strengthening its presence in the world, being more receptive to the needs of developing countries and countries with economies in transition and achieving greater dissemination in these countries from the results of their work.

PIARC implements the seminar program through its Technical Committees, which are groups of experts appointed by the member countries to work on issues defined in the strategic plan of the Association, which includes very diverse areas of knowledge such as design, operation and maintenance of roads or financing and governance of agencies responsible for road infrastructure.

Technical Committee 1.2 (Planning Road Infrastructure and Transport to Economic and Social Development)

One of the Committee's objectives is to analyze the role of innovation in road planning. Other objectives are to analyze the area of transport studies and traffic models applied to freight, bimodal and multimodal transport, including the metropolitan context; and to examine new approaches to the study of mobility of people and goods, based on the Internet of things, Big Data and other innovative sources of information.



Within the concept of sustainability in the planning of transportation networks, also related to accessibility and equity, one aspect that is analyzed is public health, probably included in the objective of "identifying, investigating and documenting the social value of transportation". For this activity, the Technical Committee is making progress in both: impact analysis techniques and identification of best practices in ex post project evaluation. This will deepen the relationship between transportation investments and economic growth.



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Technical Committee 1.3 (Finance and Procurement)

Obtaining sufficient funding for the construction and maintenance of road infrastructure, remains a key challenge for road authorities around the world. In addition, there is likely to have an impact of new propulsion techniques on funding that should be considered. One of the objectives of this Committee is to analyze traditional funding options and explore to develop innovative and hybrid solutions, particularly addressing the needs and circumstances of low- and middle-income countries.

Another objective of the Technical Committee is to develop the fundamental criteria that will govern international procurement practices by evaluating current processes and techniques. These general principles will build up the basis of procurement guidelines for the agencies.

Motivation

There is growing awareness, throughout the world, of the importance of the social factor in the planning, financing, construction, and management of highways. Particularly in Mexico, this is an issue that significantly affects the development of its infrastructure.

The social risks in infrastructure projects must be considered since the earliest stages of their gestation and during all stages of the project's life cycle. This is especially relevant in the case of highways, which, are "linear" road works, affecting a very large number of communities and individuals.

It is important to consider these social factors in Benefit-Cost studies, however, it is often difficult to identify such factors and even more to quantify them in monetary terms.

Due to the significant uncertainty that the unidentified social factors represent during the construction and management (operation and maintenance) stages, financing costs increase, sometimes making projects unfeasible.



Likewise, when social aspects are not properly analyzed and there are no clear strategies to mitigate the risks they trigger, PPP (Public Private Partnership) projects are seriously affected by the loss of income or unconsidered costs.



Taking into consideration the interest shared by PIARC and Mexico related to the problems expressed here, the Mexican representation before Technical Committees 1.2 and 1.3 proposed to hold a seminar in Mexico on this topic, based on a technical program made up of contributions from members of the committees and specialists from other organizations in Mexico and the rest of the world, which will be especially attractive to Mexican and international professionals involved in the planning, financing and management of road infrastructure.

In addition to PIARC, the Ministry of Infrastructure, Communications and Transport of the Government of Mexico (SICT), the Mexican Association of Road Engineering (AMIVTAC) and the Mexican Institute of Transport (IMT) are participating in the organization of this seminar.

Seminar objectives

The general objective of the seminar is to provide a forum for the exchange of knowledge and experiences on the planning, financing and management of highways and their relationship with the social environment in which they operate throughout their entire life cycles.

The specific objectives of this seminar are the following:

- ▼ Discuss ideas on how to consider, social factors in road planning, financing, development, and management.
- ▼ Present experiences, consequences, and solutions in the management of social risks in highway projects in Mexico and the world, during all stages of the highway life cycle.
- ▼ Present and discuss strategies to mitigate social risks associated with highway development and management.

Target audience

The PIARC International Seminar on planning, financing and social risks for the development and management of road infrastructure is aimed at executives or officials of governmental entities or private companies that design, hold concessions, and operate roads, independent professionals (economists, sociologists, engineers, etc.), consulting service providers, banking institutions or investment funds that finance road infrastructure projects, among others. This seminar may also be of interest to university professors, researchers and students interested in the processes of planning, construction, and management of road assets.



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Venue and dates of the seminar: Mexico City, November 30 to December 3, 2022

Mexico City (CDMX) has been chosen as the venue for the seminar. It is an ideal place to hold this type of event, due to the available infrastructure and its high level of national and international connectivity. In addition, Mexico City has one of the most important tourists, gastronomic, cultural and commercial offerings in the world. With regard to the specific venue for this event, the Hotel Royal Pedregal in the south of the CDMX has been chosen.

The technical sessions of the PIARC International Seminar on planning, financing and social risks for the development and management of road infrastructure will be held from November 30 to December 2 of this year. For December 3, the preliminary program includes a technical visit, which is also close to a site of tourist interest that attendees can visit.

Format and languages

The seminar will be held in a hybrid format, that is, it will be based on face-to-face sessions to which the interested public can have remote access. At the same time, some of the speakers are expected to participate virtually. The technical program includes a total of 6 thematic sessions, from 9:00 a.m. to 6:00 p.m. (Mexico City time GMT-5). Members of both committees and other specialists will make the presentations, as well as panel discussions to open the dialogue to the public through a series of questions and answers.

The languages of the seminar will be Spanish and English. The simultaneous translation service will be provided both to people who physically attend the seminar and to those who follow it remotely.



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Preliminary Program

The content of the seminar will be organized according to the structure shown below:

PIARC INTERNATIONAL SEMINAR "PLANNING, FINANCING AND SOCIAL RISKS FOR THE DEVELOPMENT AND MANAGEMENT OF ROAD INFRASTRUCTURE" Preliminary Program				
	30-Nov	Dec-01	Dec-02	03-Dec
09:00		Session 1 Benefits and wider economic effects of road projects	Session 4 Impact on the financing of social risks	Technical visit La Pera-Cuautla Highway Project
10:00		Break	Break	
11:00		Session 2 Social and economic benefits of road projects for the local population	Session 5 Mitigation strategies for local communities and society	
12:00		Lunch	Lunch	
13:00		Session 3 Best practices in funding of road infrastructure	Session 6 Best practices in the contracting of road projects	
14:00		Break	Break	
15:00		Discussion Panel How to face social risk to improve the social acceptance of road projects	Discussion Panel Impact of new propulsion techniques on financing	
16:00		Break	Break	
17:00	Opening ceremony Jorge Nuño Lara, Undersecretary of Infrastructure of Mexico			
18:00	Keynote Speech Jorge Nuño Lara, Undersecretary of Infrastructure of Mexico	Keynote Speech To be confirmed	Closing Ceremony	
19:00	Welcome cocktail			Free
20:00				
21:00	Free	Free	Free	Free
22:00				
23:00				
00:00				

Notes:

- The morning sessions would be for foreign speakers participating remotely.
- In the second announcement for the seminar the details of the agenda will be presented, including the titles and length of each presentation, as well as the name of the speakers and moderators for each session.



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Registration

Registration for the PIARC International Seminar on planning, financing and social risks for the development and management of road infrastructure will require the payment of a registration fee, the amount of which will depend on the desired mode of participation (face-to-face or virtual) and will be specified in the second announcement. In addition, the registration fee will be based on the income level of the participants' country of origin, according to the World Bank classification. Finally, a reduced fee will be offered to members of the Association.

PIARC has a special fund that can cover up to 100% of the travel or accommodation expenses of participants from low and lower-middle income countries (according to the World Bank classification) that are members of the Association.

Lodging and transportation

The second announcement will also include information on alternative accommodations to the venue hotel, as well as local transportation alternatives.

Organizing Committee

Jesús E. Sánchez Argüelles / President

Fabio Pascual / PIARC Coordinator

Francesco Sciaudone / PIARC Coordinator

Juan José Orozco y Orozco / General Director

Jazmín Orozco Pastrana / General Coordinator

Héctor Ovalle Mendivil / Technical Coordinator

Jorge Monforte Alarcón / Logistics Coordinator

Pericles Sánchez Leal / Finance Coordinator

Miguel Sánchez Contreras / Registration Coordinator

Jesús González Zúñiga / Promotion Coordinator



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