

## 6. CONFERENCE ADVISORY COMMITTEE

- Mr. Gopal Prasad Sigdel, Secretary, MoPIT
- Mr. Rabindra Nath Shrestha, Secretary, National Vigilance Center
- Ms. Pramila Devi Bajracharya, Secretary, Ministry of Education, Science and Technology
- Mr. Mani Ram Gelal, Secretary, Ministry of Water Supply and Sanitation
- Mr. Keshab Kumar Sharma, Secretary, Ministry of Energy, Irrigation and Water Resources
- Mr. Tulasi Prasad Sitaula, Former Secretary, MoPIT
- Mr. Devendra Karki, Former Secretary, MoPIT
- Mr. Birendra Bahadur Deoja, Former Secretary, MoPIT
- Dr. Hari Bahadur Darlami, President Nepal Engineers' Association
- Mr. Lal Krishna KC, Immediate Past President, SOTEN

## 7. CONFERENCE REGISTRATION AND FEE

The conference registration form can be submitted online: [www.soten.org.np/conference](http://www.soten.org.np/conference).  
The registration fee scheme is as:

- Nepalese participant: NRs. 15,000.00 (Students registration NRs. 10,000.00)
- Participant from SAARC Countries: NRs. 20,000.00 (Student registration NRs. 15,000.00)
- Foreigner: US\$ 250.00 (Student registration US\$ 200.00)
- The registration fee includes the charge for conference kit, lunch and a reception dinner.
- Accommodation can be managed at Conference venue on demand

## 8. CALL FOR PAPERS

The key dates for the paper submission are:

- 7 December 2022 : Deadline for submission of abstracts
- 15 December 2022 : Notification for acceptance of abstracts
- 15 January 2023 : Deadline of the submission of full papers
- 20 January 2023 : Deadline for the registration
- 25 January 2023 : Deadline for the submission of presentation slides

Detail guidelines for the abstract and full paper submission can be found online in [www.soten.org.np/conference](http://www.soten.org.np/conference).

## 9. CONFERENCE SECRETARIAT:

- Address : National Road Safety Council Office, Roads Board Nepal Office building, Minbhawan, Kathmandu
- Contact : +977-9741660286
- Email : [conference@soten.org.np](mailto:conference@soten.org.np)
- Website : [www.soten.org.np](http://www.soten.org.np)

## 10. CONFERENCE VENUE:

The Conference will be held in Kathmandu within the premises

- The Everest Hotel([www.theeveresthotel.com](http://www.theeveresthotel.com))



**Society of Transport Engineers Nepal (SOTEN)**

Babarmahal, Kathmandu, Ph.: +977-9741660286

Email: [info@soten.org.np](mailto:info@soten.org.np), Website: [www.soten.org.np](http://www.soten.org.np)

## 2<sup>nd</sup> International Conference

on

# Integrated Transport for Sustainable Mobility

3 – 4 February 2023

Kathmandu, Nepal



**Organized by:**



**Ministry of Physical Infrastructure and Transport (MoPIT)**

**&**

**Society of Transport Engineers Nepal (SOTEN)**



**Supported by:**



Department of Roads  
Department of Railways  
Department of Transport Management  
Department of Local Infrastructure  
Department of Urban Development and Building Construction  
National Road Safety Council  
Construction Business Development Council



UNESCAP, Transport Research and Education Network



Korean Society of Transportation (KST)



Eastern Asia Society of Transport Studies (EASTS)



Society of Consulting Architectural & Engineering firms (SCAEF), Nepal



Civil Aviation Authority of Nepal



Roads Board Nepal



Nepal Engineers Association



## 1. INTRODUCTION

Integration of transport systems refers to the multi-modal transport system with physical interface between the modes and requiring operational combination between modes in which service integration plays a vital role. This interprets the smooth movement of passengers and freight over various modes of transport. In other words, transport integration can be defined as the organizational process through which the planning and delivery of elements of the transport system are brought together, across modes, sectors, operators, and institutions, with the aim of cumulative social benefits including the economic as well as environmental aspects.

An integrated system of planning ensures quality development practices by providing efficient and effective transport services and reducing adverse effects on the society. Nepal is prioritizing the development efforts in transport infrastructure, which is well reflected in the periodic plans and the annual budget programs at the central, provincial as well as local levels. Efforts are aimed at achieving safe, easy, and quality transport services through the expansion of road networks, air transport, railways, and waterways as stipulated in the current 15<sup>th</sup> Five Year Plan. Some efforts are being made for the development of various modes of transport as an integrated system during the planning process. Coordination among the transport development authorities remains to be the main challenge leading to higher development costs and waste of resources. Similarly, planning for the overall development issues is not being addressed.

Development objectives cannot be attained by the segregated approaches of planning with reference to the institutional structure and process. It would affect the national economy and its development pace. Similarly, the transport sector's efforts are aimed at overall national prosperity. Therefore, it has to be linked with the various activities and services for all tiers of administrative, economic, as well as social structure. In these circumstances, the Society of Transport Engineers Nepal (SOTEN) has taken various initiatives to bring the stakeholders into a common forum for a seamless interface and a better understanding of the approaches and efforts by planning and implementation of transportation systems. Recently, SOTEN has successfully organized a National Seminar on "Integrated Transport Development: Issues and Way Forward". The National Seminar has raised many issues related to the review of national-level policies, plans, and projects for the integration of transport across modes, services, and operations.

This International Conference is being jointly organized by MoPIT and SOTEN. Supporting institution for this event are Department of Roads (DoR), Department of Railways (DoRW), Department of Transport Management (DoTM), Roads Board Nepal (RBN), Department of Local Infrastructure (DOLI), Civil Aviation Authority of Nepal (CAAN), Department of Urban Development and Building Construction (DUDBC), National Road Safety Council, Construction Business Development Council, Nepal Engineers' Association (NEA), and Society of Consulting Architectural & Engineering firms (SCAEF), Nepal. Similarly, the event is being supported by international agencies such as the Korean Society of Transport (KST), Transport Research and Education Network of UNESCAP, and the Eastern Asia Society of Transport Studies (EASTS).

## 2. OBJECTIVES

The main objective of this conference is to disseminate the state-of-the-art approaches, proven best practices, and scientific know-how for addressing the integration issues for sustainable mobility. At the same time, it aims to provide a greater opportunity for the transport sector professionals to understand the recent research outcomes on this issue. The conference is expected to produce an important note of conference proceedings.

## 3. CONFERENCE THEME

The theme of the conference is "**Integrated Transport for Sustainable Mobility**". The papers and presentations in the conference are categorized into two types: practical and research papers. The broad theme of the conference has been organized into various specific issues in the transport sector.

### 3.1 Paper/Presentation Category

The technical part of the conference has been organized into two categories of papers and presentations as shown below:

- a. Practical papers: This category targets case study papers of National, Regional or Local level planning and implementation with an emphasis on the integration of transport infrastructure and services.

- b. Research papers: This category targets academic and technical research papers pertaining to the emerging issues of sustainable transport.

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*All papers should be submitted in three stages: abstract, full paper and presentation slides. Invited paper can be submitted as extended abstracts and presentation slides.*

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## 3.2 Papers/presentation topics

The conference papers are expected to be related to the following areas of transportation (the list is not exhaustive):

- Intermodal integration (air/rail/road/water) and accessibility analysis
- Improvement in the urban transport by integrating the modes and services
- Transport policy formulation for integration in transport
- Best practices in electric mobility
- Consideration for non-motorized transport
- Transit-orientated development, improving public transport
- Implementing Intelligent Transportation Systems (ITS)
- Financing in transport infrastructure development
- Cross-border transport and international trade routes
- Transport safety
- Freight transport
- Transport tourism
- Urban/regional transport planning
- Alternative fuel for transport efficiency

## 4. ORGANIZING COMMITTEE:

MoPIT has formed the conference organizing committee which is comprised of:

- Coordinator: Mr. Prabhat Kumar Jha, Joint Secretary, MoPIT

### Members:

- Mr. Arjun Jung Thapa, DG Department of Roads
- Mr. Rohit Kumar Bisural, DG Department of Railways
- Dr. Tok Raj Pandey, DG Department of Transport Management
- Mr. Ganesh Bahadur KC, ED Roads Board Nepal
- Mr. Surendra Mohan Shrestha, DG, Department of Urban Development and Building Construction
- Mr. Ishwor Chandra Marahatta, DG, Department of Local Infrastructure
- Mr. Pradeep Adhikari, DG Civil Aviation Authority of Nepal
- Member-Secretary: Prof. Dr. Padma Bahadur Shahi, President of SOTEN

## 5. TECHNICAL COMMITTEE

The overall technical and scientific aspects of the conference will be managed by the Technical Committee of the Conference. The committee is comprised of international as well as national experts in the transport sector.

- Coordinator: Dr. Surya Raj Acharya, Executive member, SOTEN

### Members:

- Prof. Dr. Satish Chandra, IIT, Roorkee
- Prof. Seonha Lee, President of KST
- Prof. Jin-Hyuk Chung, Senior Vice President of KST
- Prof. Gautam Bir Singh Tamrakar, IOE, Tribhuvan University
- Prof. Dr. Thusitha Chandani Shahi, Nepal Engineering College, Pokhara University
- Dr. Bijaya Jaishi, Superintendent Engineer, Dept. of Roads
- Dr. Hare Ram Shrestha, Past President, Nepal Engineers Association
- Dr. Madan Bandhu Regmi, UNESCAP
- Dr. Partha Mani Parajuli, Senior Traffic and Transport Engineer, Brisbane, Australia
- Dr. Chandra Bahadur Shrestha, Nepal Transport Development Research Center
- Member Secretary: Dr. Rojee Pradhananga, IOE, Tribhuvan University