



Organizing

SUM0 2020

International Conference on

## SUSTAINABLE URBAN MOBILITY

**Opportunities and Challenges in Developing Countries** 

On 10-<mark>12 Apr</mark>il, 2020,

At Bishwa Bangla Convention Center, New Town, Kolkata, India

Key Theme: Monorail - LRT - MRT - E Mobility

Contact Us: secretary@itpiwbrc.in; sumo2020@itpiwbrc.in; secretary.itpiwbrc2011@gmail.com

Supported By



Ministry of Housing & Urban Affairs
Government of India

Urban Development & Municipal Affairs Department, Government of West Bengal
Transport Department, Government of West Bengal

& In Association with



Kolkata Metro Rail Corporation Ltd

# **Knowledge Partners**











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Sch. of Ecology, Infra. & Human Settlement Management IIEST, Shibpore

Centre for Human Settlement Planning Jadavpur University

Dept. of Architecture & Planning MANIT, Bhopal

## The Institute of Town Planners, India and the Conference

Institute of Town Planners, India, (ITPI) the apex body of the Town Planners in India, was constituted in 1951 to promote planned development of cities and towns in the country, and to advance studies of town planning. Having about 5600 members allover India, it also organizes conferences for knowledge sharing and to foster general awareness about urban planning. Responding to the Sustainable Development Goal (SDG) 2030 set by United Nation (2015), the **West Bengal Regional Chapter (WBRC)** of the ITPI, the leading Chapter of ITPI in the eastern region of India, decided to host a series of conferences on Sustainable Urban Development.

A sustainable transport system is required to provide mobility and accessibility to the travelers with an inclusive approach, where the sense of sustainability would include the three essential dimensions – economic, social and environmental – in a balanced and integrated manner. The potential of Mass Transit Systems (MRT) is widely acknowledged in discourses in context of planning of sustainable transportation systems. Several urban traffictransportation plans, across the globe, recommend introduction of Light Rail Transit (LRT) and Monorail along with other modes for development of sustainable multimodal urban transportation systems. In India, Monorail is already operational in Mumbai, and several other cities are actively exploring the possibilities of LRT and Monorail for their city mobility plans. The city of Kolkata has power driven surface based tramways, which started with the horse drawn stage more than a century ago. The first ever MRT in this country was introduced in Kolkata around 35 years back. Monorail and the LRT are also being discussed at various forums, while the same are already included in the Mobility Plans.

With this background, the WBRC of the ITPI is organizing a conference on all relevant issues of sustainable mobility, with a key session on the opportunities and challenges with monorails and LRT systems. It is being organized under the aegis of the Urban Development Department and the Transport Department of the Government of West Bengal, who are keen to see the outcome of the **\$UMo 2020** Conference for further initiatives. Central and state government departments, academic institutions, researchers from across the globe and experts are invited to share their experiences and a number of them have already expressed their desire to participate. International manufactures and designers of Monorail and LRT systems are also invited to present their observations, state of the art technological systems and to support the program. The Conference may be followed by a study of the Transportation system of the Kolkata Region.

## Kolkata — The Host City

Kolkata is one of the metropolitan cities in India, and was the capital of the country until 1911. The Kolkata Metropolitan Area has a population of roughly 15.79 million (2011) spread across an area of about 1,878 sq km. The city grew along a linear north-south corridor, sandwiched between the river on the west and wetland on the east. The railway lines constructed in north-south direction further accentuated this longitudinal growth. The attempt to develop transport infrastructure began during 1860s, with the introduction of the suburban rail network. The Kolkata Port was established in 1865, and further organized in 1870. The tramways were introduced in 1873, and continue operations till date in a very limited capacity.

Migration since 1930s caused a huge influx of population into the area, and the trend continued post-independence period. Kolkata is visited by more than a million commuters daily, over and above its resident population of about 4.5 million. Since the 1960s, the city witnessed several transportation infrastructure projects, such as, the North-South Metro Rail, Eastern Metropolitan Bypass, a few flyovers and bridges, including the two major bridge over River Ganga, namely Vidyasagar Setu (2<sup>nd</sup> Hooghly Bridge) and Sister Nivedita Setu. A traffic and transportation master plan was prepared for the metropolis in 2006, when Monorails and LRT systems were recommended with a few other projects like the modernization of the tramways. At present, about four MRT projects are in execution, and a few more in the pipeline.

The city is in search for further improvement of its traffic-transportation systems with sustainable alternatives keeping in view the recommendations in the plans and the ongoing projects. The World Bank is supporting the three projects having direct impact on the transportation system in the area. The Jal Marg Vikas Project (Waterway Development Project) connecting the city of Kolkata with Varanasi city of UP through the river, Ganga has already started. A Comprehensive Mobility Plan for the of the Kolkata Metropolitan Area is being prepared with the support of the World Bank. The Implementation Plan for Electrification of Public Transportation in Kolkata is also under preparation and a few Electric Public Vehicles are already plying in the city and more are to be procured. A network of Battery Charging Stations is being implemented to make the initiative successful.

## **Call for Papers:**

Papers are being invited on the main theme and sub-themes not exceeding 5000 words in soft copy in MS words and in pdf to reach the *Secretary, ITPI WBRC* on or before **15**<sup>th</sup> **March, 2020**. **The Topic and Extended Abstract of the paper to be sent before 15**<sup>th</sup> **January, 2020 (extended).** The Technical Committee of the conference reserves the right to accept, edit or reject any of the technical paper without assigning any reason. The selected papers will be peer reviewed and proceedings will be published through an international publisher.

Sub-Themes:

3.13
☐ Comprehensive Mobility Plan (Local Theme)
☐ Land Use, Urban Morphology and Transportation
☐ Urban Mobility and Accessibility [Hierarchy of urban mobility/ last mile connectivity/Transit Oriented Development and Mobility]
Energy-Environment-Economic issues of Mobility
☐ Monorail - LRT — MRT — E Mobility
☐ Non- Motorized Transport (NMT) and Inland Water Transport (Local Theme)
☐ Shared & Personalized Transport

☐ Safety & Accessibility

☐ Integration of Multimodal Transportation

☐ ITES for Sustainable Urban Mobility

#### **Accommodation:**

Early Registration may help Students to get cheaper accommodation in ITPI-WBRC and State Government's Guest House. For others the accommodation may be assisted as may be required at the venue and nearby Hotels on first come first serve basis. Hotel 'Zone the Park' is within the campus of the venue and accommodation in it may be assisted with from INR 5500 to 7000 per day. There are a few more hotels nearby. Please contact us to assist.

## **Registration Fees For Participants from India and Other SAARC Countries:**

Category	By 31 <sup>st</sup> January '20	By 15 <sup>th</sup> March '20	<b>Spot Registration</b>
Grad./PhD Students/ITPI Member	s INR 2000 + GST	INR 2500 +GST	INR 3500 +GST
Faculty	INR 4000 + GST	INR 5000 +GST	INR 6500 + GST
Government Officers	INR 4500 + GST	INR 5500+GST	INR 7000 +GST
Accompanying Persons	INR 2500 +GST	INR 3000 +GST	INR 4000 + GST
Industry & Others	INR 5000 +GST	INR 6500 +GST	INR 8500 + GST

#### **Registration Fees For Participants from Other Countries:**

Category	By 31st January '20	By 15 <sup>th</sup> March '20	<b>Spot Registration</b>
Grad/PhD Students	US\$ 100 +GST	US\$ 150 + GST	US\$ 250+ GST
Faculty	US\$ 250 +GST	US\$ 300 +GST	US\$ 400 +GST
Accompanying Persons	US\$ 200 +GST	US\$ 250 + GST	US\$ 350 + GST
Industry & Others	US\$ 300	US\$ 400	US\$ 500

Note For All: Contact us for the online transfer of the Registration Fees directly to the bank. On 12<sup>th</sup> April only the Local Site Visit will be arranged and the same is optional and not included in the Registration Fees mentioned above. The Cost of Accommodation is not included. **Retention amount for Cancellation** of Registration shall be 10% till 31<sup>st</sup> December 2019, 25% till 31<sup>st</sup> January 2020 and 50% till 15<sup>th</sup> March 2020. The Registration cost includes the lunch, tea and snacks during the sessions of 10<sup>th</sup> and 11<sup>th</sup> April, 2020.

E-mail: <a href="mailto:sumo2020@itpiwbrc.in">sumo2020@itpiwbrc.in</a>; <a href="mailto:secretary@itpiwbrc.in">secretary@itpiwbrc.in</a>; <a href="mailto:secretary@itpiwbrc.in">secretary@itpiwbrc.in</a>; <a href="mailto:secretary@itpiwbrc.in">secretary@itpiwbrc.in</a>; <a href="mailto:secretary@itpiwbrc.in">secretary@itpiwbrc.in</a>; <a href="mailto:secretary.itpiwbrc.in">secretary.itpiwbrc.in</a>; <a href="mailto:secretary.itpiwbrc.in">secretary.itpiwbrc.in

## The Patron, Advisors and the Technical Committee

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Assist. Prof., Grade-I, RCG School of Infrastructure Design & Management, IIT, Kharagpur

## **WORKING COMMITTEE**

Chairman: Dipankar Sinha,

**Former** Director General (Town Planning), KMC; Ex-Consultant, Indian Statistical Institute; Ex-Member, Transportation Sub Committee, KMPC; Member, Institute of Urban Transport (IUT)

Secretary: Arabinda Debnath,

Urban Environmental Planner and Visiting Faculty, Jadavpur University.

Member: Dr. Souvanic Ray,

Prof. and Former Head, Dept of Arch., Town & Regional Planning, IIEST, Shibpore

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Prof. & Head, Dept. of Architecture & Regional Planning, IIT, Kharagpur

Member: Mr. R. Srinivas,

Town & Country Planner, Head, Metropolitan & Union Territories Division,
TCPO, Gov. of India

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Prof. & Dean, Institutional Development, former Head, Dept. of Arch. & Planning, MANIT, Bhopal

Member: Dr. Saswat Bandyopadhyay,

Professor, Faculty of Planning, CEPT University, Ahmadabad

Member: Dr. Uttam Kumar Ray

Assist. Professor, Dept. of Arch. & Planning, IIT, Roorkee

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Chief Town Planner, UD &MA Department, Govt. of West Bengal

Member: Indrani Dhar,

**U**rban & Regional Planner, Professor, R.R.S.A, Durgapur

**Member: Sourav Sen** 

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Development Authority

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Member: Anumita Mohanty,

Associate Planner, UD. & MA Department, GoWB

Member: Santa Biswas,

Urban & Regional Planner, Kolkata Municipal Corporation

Member: Mr. Makrand Bhoot,

LEED AP Sustainability & Smart Cities Consultant, New York

Secretary, ITPI-WBRC is the Convener of all the Committees

Members of the ITPI are being requested to contact the Secretary, ITPI for their accommodation and registration through email-

secretary.itpiwbrc2011@gmail.com.

The requisite Registrations charges may be paid transferring the required amount by NEFT. The receipt of the NEFT is to be e-mailed along with the membership details.

## **OPPORTUNITIES FOR CONFERENCE PARTNERS**

## **PLATINUM SPONSORSHIP:**

- Opportunity to speak during the opening remarks
- Corporate branded Café will be a prominently featured space where delegates can gather and network outside the plenary room with exhibitors
- Logo displayed on the conference website, including a 250-word description about your organization
  - Logo displayed onsite on sponsor signage
  - Logo included in conference pocket program
    - Three full conference registrations
  - Announcement of sponsorship on ITPI-WBRC's social media channels
    - Two invitations to the Chairman's VIP Reception
  - Logo featured on the conference sponsor page in the Conference Souvenir and NEWSLETTER
    - Half off (50%) purchased advertising in the Conference Souvenir
    - Rotating banner in the Website Home Page of ITPI-WBRC for three months
    - Two job postings on ITPI-WBRC's job board (valid until December 31, 2020)
    - •Exhibit space in the most prominent location in the Conference Hall and Lobby

## **GOLD SPONSOR:**

 Verbal acknowledgement during opening remarks

- Corporate branded signage throughout the conference space
- Logo displayed on the conference website, including a 180-word description about your organization
- Logo displayed onsite on sponsor signage
- Logo included in conference pocket program
- Two full conference registrations
- Announcement of sponsorship on ITPI-WNRC's social media channels

### Two job postings on ITPI's website (valid until December 31, 2020)

Conference Souvenir

ITPI-WBRC for three months

Reception

• Exhibit space in a preferential location in the Conference Hall and Lobby

Two invitations to the Chairman's VIP

Logo featured on the in the NEWSLETTER and

• Half off (50%) in the rates of advertising in the

• Rotating banner in the Website Home page of

Conference Souvenir of the ITPI-WBRC

## **SILVER SPONSOR:**

- Logo displayed on the conference website, including a 125-word description about your organization
- Logo displayed onsite on sponsor signage
- Logo to be included in conference pocket program
- Two full conference registrations
- Announcement of sponsorship on ITPI-WBRCs social media channels

- officience than and Lobby
- •Two invitations to the Chairman's VIP Reception • Logo featured on the conference sponsor page in the Conference Souvenir
- Half off (50%) in advertising in the Conference Souvenir
- Rotating banner in the Web Site of ITPI-WBRC three months
- Two job postings on ITPI-WBRC's website (valid until December 31, 2020)

#### **EXHIBITION**

A grand exhibition is being organized on April 10 and 11, 2020 at the venue, where various government and private organizations, manufacturers etc from the mobility industries will participate. The Exhibitors are being requested to contact us for space and other specifications.

For Part Sponsorship of any event and for Advertising in any Event or Souvenir, please contact ITPI-WBRC – <a href="mailto:sumo2020@itpiwbrc.in">sumo2020@itpiwbrc.in</a>; <a href="mailto:secretary@itpiwbrc.in">secretary@itpiwbrc.in</a>; <a href="mailto:secretary.itpiwbrc2011@gmail.com">secretary.itpiwbrc2011@gmail.com</a>

## Call for Partnership and Sponsorship from Industries:

A few internationally known major industries of Monorail and LRT/MRT has shown interest to be major Partners of the Conference. Apart from these the other industries in the field are being invited to partner/sponsor the events of the **SUMo 2020**. A business meet with the authorities may also be planned separately during the Conference for the Partners from the Industries. The Partner Industries may be requested after the Conference to prepare a Rapid Assessment of an area for the viability of Monorail/LRT project, where ITPI-WBRC may act as technical consultant and catalyst. The details of the Tariff Plans for Partnership are available below for ready reference.

**SUMo 2020** Conference is the only of its kind in this region, involving the faculties of the reputed institutions of various countries, experts from the industries of the world, urban planners from the states of India and the neighboring countries and the students and scholars of the reputed institutions.

**SUMo 2020** Conference focuses the opportunities of development of the traffic and transportation system planning recommended by the planning authorities.

Be an important part of ITPI's Conference as we mark the momentous occasion of 69-years working on behalf of planning professionals nationally, and serving as the voice of India's planning community.

## Partnerships/Sponsorships-

## **Benefits of Partnership**

• **Principal Partnership : To be Negotiated**Networking with the key government officials and the departments of the region;

• Platinum Sponsor: Rs.800000/- Interaction with the Urban Planners and Experts from the region and others:

• Gold Sponsor: Rs.500000/- Expand your exposure in a dynamic and professional

environment with potential clients;
 Silver Sponsor: Rs.300000/ Raise brand awareness in collateral materials, including

website, program guide and conference signage;

• Part Event Partner: Contact Us Achieve your goal with customizable sponsorship package;

A Special Business Meet may be mutually arranged on request from the Partners/Sponsors

The Sustainable Urban mobility Conference 2020 will have two days for discussions in various sessions and one day for the conducted tour of ongoing projects etc.

5600 Members of ITPI in the country and various Central State government departments will receive the communications.

There may have more than 300 Delegates in the Conference.

**MAIL US FOR FURTHER DETAILS** 

 $\underline{sumo2020@itpiwbrc.in}; \underline{secretary@itpiwbrc.in}; \underline{secretary.itpiwbrc2011@gmail.com}$ 

**Organized By:** 



Institute of Town Planners, India

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