

Eighth edition
Urban Rail-Based Transit Systems- A Virtual Conference
Progress, Plans, Opportunities and Challenges
November 24-25, 2020

AGENDA/STRUCTURE (DAY ONE)

9:20 A.M. – 9:30 A.M.	WELCOME REMARKS
	<ul style="list-style-type: none"> Welcome Remarks by Indian Infrastructure
9:30 A.M. – 10:00 A.M.	TRENDS, IMPACT OF COVID-19 AND OUTLOOK
	<p>Questions/Topics:</p> <ul style="list-style-type: none"> What are the key sector trends? What has been the impact of Covid-19 on project delivery, operations and investments? What are the key issues and challenges? What is the outlook for the sector? What are the upcoming opportunities? <ul style="list-style-type: none"> Presentation by Karun Raj Singh Sareen, Director, Major Projects Advisory Infrastructure, Government & Healthcare (IGH), KPMG...<i>plus Q&A</i>
10:00 A.M. – 10:40 A.M.	KEYNOTE SESSION: UPMRC PERSPECTIVE
	<p>Questions/Topics:</p> <ul style="list-style-type: none"> What is UPMRC's perspective on the progress in the urban rail segment? What has been the impact of Covid-19 on project delivery, operations and investments? What are some of the noteworthy initiatives being taken to improve operations? What are the developmental and operational challenges? What are some of the procurement and technology deployment related best practices? <ul style="list-style-type: none"> Presentation by Kumar Keshav, Managing Director, Uttar Pradesh Metro Rail Corporation...<i>plus Q&A</i>
10:40 A.M. – 11:00 A.M.	BREAK-I
11:00 A.M. – 11:30 A.M.	MAHA METRO PERSPECTIVE
	<p>Questions/Topics:</p> <ul style="list-style-type: none"> What is Maha Metro's perspective on the progress in the urban rail segment? What has been the impact of Covid-19 on project delivery, operations and investments? What are some of the noteworthy initiatives being taken to improve operations? What are the developmental and operational challenges? What are some of the procurement and technology deployment related best practices? <ul style="list-style-type: none"> Presentation by Ramnath Subramaniam, Director, Strategic Planning, Maharashtra Metro Rail Corporation...<i>plus Q&A</i>
11:30 A.M. – 12 NOON	KOCHI METRO PERSPECTIVE
	<p>Questions/Topics:</p> <ul style="list-style-type: none"> What is Kochi Metro's perspective on the progress in the urban rail segment? What has been the impact of Covid-19 on project delivery, operations and investments? What are some of the noteworthy initiatives being taken to improve operations? What are the developmental and operational challenges? What are some of the procurement and technology deployment related best practices? <ul style="list-style-type: none"> Presentation by Thiruman Archunan, Director, Projects, Kochi Metro Rail...<i>plus Q&A</i>
12 NOON – 12:45 P.M.	KEYNOTE ADDRESS: GOVERNMENT PERSPECTIVE
	<p>Questions/Topics:</p> <ul style="list-style-type: none"> What has been the progress in the urban rail segment in the past 1-2 years? What has been the impact of the Metro Rail Policy, 2017? What has been the impact of Covid-19 on the segment? What are the key issues and challenges? What is the future outlook for the development of urban rail-based transit systems? <ul style="list-style-type: none"> Address by Durga Shanker Mishra, Secretary (Housing and Urban Affairs), Ministry of Housing and Urban Affairs...<i>plus Q&A</i>
12:45 P.M. – 1:05 P.M.	SUSTAINABLE ARCHITECTURAL CLADDING FOR URBAN RAIL TERMINALS
	<ul style="list-style-type: none"> Presentation by Mahendra Pingle, Deputy General Manager, Market Development and Niraj Rajesh, Deputy General Manager, Construction and Construction Safety for Lysaght business, Tata BlueScope Steel...<i>plus Q&A</i>
1:05 P.M. – 1:55 P.M.	CONTRACTORS' PERSPECTIVE: EXPERIENCE, CHALLENGES, AND OUTLOOK
	<p>Questions/Topics:</p> <ul style="list-style-type: none"> What has been the experience so far? What has been the impact of Covid-19 on project execution? What are the key contractual issues? What are the lessons learnt? What is the future outlook? What are the expectations from the Concessioneing authorities? <p>Panel discussion among (in alphabetical order):</p> <ul style="list-style-type: none"> M.P. Naidu, Former Project Director, L&T Metro Hyderabad Santosh Rai, Head, Business Development, HCC Shaibal Roy, President, JMC Projects N. S. Sridharan, Project Manager – Bangalore Metro Phase 2 RT03, L&T Plus Q&A
1:55 P.M. – 2:35 P.M.	BREAK-II

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2:35 P.M. – 2:55 P.M.	ARTIFICIAL INTELLIGENCE IN TELECOM NETWORKS FOR FIBRE OPTICS TRANSMISSION SYSTEMS
<ul style="list-style-type: none">• Presentation by Abhishek Kumar, Business Development Manager, India & SAARC, Allied Telesis...<i>plus Q&A</i>	
2:55 P.M. – 3:40 P.M.	TUNNELLING MARKET: NEW REQUIREMENTS, CHALLENGES AND OPPORTUNITIES
Questions/Topics: <ul style="list-style-type: none">• What has been the experience with metro tunnel construction?• What are the key prevalent techniques and methods for tunnelling?• What are the key issues and challenges? What are the lessons learnt?	
Presentations by: <ul style="list-style-type: none">• Ashish Gupta, President and Head Hydro projects, Contracts & Legal, Gammon• Rajesh Mittal, Chief Project Manager, MMRC• <i>Plus Q&A</i>	
3:40 P.M. – 4:30 P.M.	FINANCIERS' PERSPECTIVE AND THE WAY FORWARD FOR PPPs
Questions/Topics: <ul style="list-style-type: none">• What are the key financing trends in the sector?• What has been the overall experience with PPPs? What has been the impact of the Metro Rail Policy?• What are the new sources of funds and innovative financing models that can be explored (land value capture, property development, etc.)? What are the key risks and challenges?	
Panel discussion among (in alphabetical order): <ul style="list-style-type: none">• D. J. Pandian, Vice President, Investment Operations, AIIB• Siva Kumar Shanmugam, General Manager, IIFCL• Mahendra Pal Singh, Additional Chief Development Specialist, JICA• <i>Plus Q&A</i>	
DAY ONE WRAP UP AND CLOSING REMARKS	

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AGENDA/STRUCTURE (DAY TWO)

9:30 A.M. – 9:45 A.M.	RECAP OF DAY ONE
<ul style="list-style-type: none"> Recap of Day One by India Infrastructure Research 	
9:45 A.M. – 10:15 A.M.	PROJECT SHOWCASE I: MADHYA PRADESH METRO RAIL
Questions/Topics:	
<ul style="list-style-type: none"> What is the progress so far under the urban rail-based transit systems in the state? What are the new and innovative techniques being adopted to fastrack project implementation? What is the future outlook for the development of these systems? 	
<ul style="list-style-type: none"> Presentation by Shobhit Tandon, Addl. Director, Madhya Pradesh Metro Corporation...<i>plus Q&A</i> 	
10:15 A.M. – 11:05 A.M.	ELECTRIFICATION NEEDS AND REQUIREMENTS-I
Questions/Topics:	
<ul style="list-style-type: none"> What are the current electrification requirements of urban rail-based transit systems? What are the recent advances to ensure energy efficient operations? What are the key issues and challenges? 	
Presentations by:	
<ul style="list-style-type: none"> Jagdish Kumar, Executive Director (Electrical), DMRC Manish Agarwal, Vice-President & Head, Business Development – Infrastructure Sales, Mobility Division, Siemens <i>Plus Q&A</i> 	
11:05 A.M. – 11:25 A.M.	ELECTRIFICATION NEEDS AND REQUIREMENTS-II
<ul style="list-style-type: none"> Presentation by Dr Shashidhar Mathapati, Chief Technology Officer, Delta Electronics India...<i>plus Q&A</i> 	
11:25 A.M. – 11:40 A.M.	BREAK- I
11:40 A.M. – 12:10 P.M.	L&T METRO HYDERABAD PERSPECTIVE
Questions/Topics:	
<ul style="list-style-type: none"> What is L&T Metro's perspective on the progress in the urban rail segment? What has been the impact of Covid-19 on project delivery, operations and investments? What are some of the noteworthy initiatives being taken to improve operations? What are the developmental and operational challenges? What are some of the procurement and technology deployment related best practices? 	
<ul style="list-style-type: none"> Presentation by Anil Kumar Saini, COO, L&T Metro Hyderabad...<i>plus Q&A</i> 	
12:10 P.M. – 12:30 P.M.	TECHNOLOGY SHOWCASE
<ul style="list-style-type: none"> Presentation by Dr Fatih Gundogan, General Manager, ASIS Elektronik...<i>plus Q&A</i> 	
12:30 P.M. – 1:20 P.M.	SPOTLIGHT ON ROLLING STOCK
Questions/Topics:-	
<ul style="list-style-type: none"> What are the emerging rolling stock requirements? What are some of the recent advances? What has been the role of the MoHUA's guidelines on rolling stock standardisation? What has been the progress in the indigenous manufacturing of rolling stock? What has been the experience in the operation of driverless trains? 	
Panel discussion among (in alphabetical order):	
<ul style="list-style-type: none"> Sanjay Kubba, Executive Director, RS/O&M, DMRC Devendra Mishra, Executive Director (Rolling Stock), Pune Metro Rail Project, Maha-Metro Dheeraj Gupta, General Manager & Head of Marketing, Sales and Business Development, Hitachi A representative from Alstom India <i>Plus Q&A</i> 	
1:20 PM – 1:50 P.M.	EMERGING NON-REVENUE SOURCES: FOCUS ON STATION AREA DEVELOPMENT
Questions/Topics:	
<ul style="list-style-type: none"> What are the new concepts being considered for enhancing non-revenue streams? What has been the experience so far? What are the upcoming opportunities in this area? What are the implementation roadblocks? 	
<ul style="list-style-type: none"> Presentation by D.K. Sharma, Managing Director, Maha Mumbai Metro Operation Corporation ,MMRDA...<i>plus Q&A</i> 	
1:50 P.M. – 2:30 P.M.	BREAK-II
2:30 P.M. – 2:55 P.M.	BATTERY TRAINS A SOLUTION TO DECARBONIZE RAIL TRANSPORTATION
<ul style="list-style-type: none"> Presentation by Bruce Warner, Transportation Segment Manager, Hitachi ABB Power Grids...<i>plus Q&A</i> 	

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AGENDA/STRUCTURE (DAY TWO... CONTINUED)

2:55 P.M. – 3:25 P.M.

MOBILITY-AS-A-SERVICE: PROGRESS AND FUTURE POTENTIAL

Questions/Topics:

- What have been the key advancements in this area?
- What are the new technologies being considered for deployment?
- What is the future of MaaS?

- Presentation by **Vivek Ogra**, Partner, PwC...*plus Q&A*

3:25 P.M. – 3:55 P.M.

PROJECT SHOWCASE II: PATNA METRO RAIL

Questions/Topics:

- What is the progress so far under the Patna metro rail project?
- What are the new and innovative techniques being adopted to fastrack project implementation?
- What is the future outlook for the development of these systems?

- Presentation by **Sushil Kumar**, Project Director, Patna Metro Rail...*plus Q&A*

CONFERENCE WRAP UP AND CLOSING REMARKS