Multimodal Transportation Planning Best Practices and Integration of Transportation Technologies

September 13-15, 2017

Mumbai Metropoltian Region Development Authority, Mumbai, India

More than half of the world's population lives in cities and by 2050, projections indicate that percentage will grow to 66 percent, with much of that growth in South and Southeast Asia. By 2030, urban areas in South and Southeast Asia will grow by 250 million and 100 million, respectively; and by 2050, the United Nations estimates there will be 400 million additional urban residents in India alone. The rapid pace of urbanization demands new and innovative ways to develop and manage the multimodal transportation system of the future. Fortunately, with the World Bank estimating that 75 percent of the infrastructure the world will use in 2050 has not yet been built, cities now have a critical opportunity to adopt comprehensive multimodal transportation and land use planning processes that intergrate innovative technologies to meet both current needs and future demand.

There is significant emerging public and private sector interest in identifying planning practices that integrate advanced transportation technologies to help meet the demands of growing cities and their residents and businesses. In a range of global transportation contexts, including South and Southeast Asia, incumbent planning processes are being adapted to effectively leverage these technologies in pursuit of critical regional mobility goals (e.g. congestion relief, increased safety, first and last mile connectivity). Transportation stakeholders are forging innovative partnerships, using new tools to engage the public, and reimagining central elements of multimodal planning to address both the uncertainties and opportunities presented by disruptive technologies. It is increasingly clear that comprehensive, collaborative, and technically sound transportation planning will be essential if emerging transportation technologies and strategies are to meet their full potential as key components of urban multimodal systems of the future.

This workshop, taking place in Mumbai, India September 13-15, will convene transportaton policymakers, practitioners and researchers to discuss best practices, exchange lessons learned, and share perspectives on integrating advanced technologies into multimodal transportation systems to achieve interoperability and sustainability. Featuring experts from national and local governments, the private sector, and development and non-profit organizations from across South and Southeast Asia, the workshop will be hosted by the U.S. Department of Transportation, through U.S. Department of State funding, in collaboration with the Mumbai Metropolitan Region Development Authority (MMRDA).

The workshop will include presentations, panels, and facilitated discussions on the following topics:

- Multimodal planning practices, including performance-based planning along with scenario and vision planning;
- First and last mile connectivity;
- Improved mobility and access, including consideration for aging populations;
- Application of new transportation technologies, innovative services and strategies within the multimodal system;
- Case studies of planning practices and technology integration in a multimodal context that produce successful and measurable outcomes.

Workshop Format

The workshop will be held at the MMRDA, Bandra-Kurla Complex, Bandra East, Mumbai 400051. The workhop will consist of a range of activities to engage participants:

- Presentations, followed by Q&A
- Panel Discussions
- Facilitated discussion among presenters and participants
- Simulated games to apply methods in urban situations
- Technical site visits

The following pages provide details for each day of the workshop.