

**Data for City Transport
Agenda | October 26, 2018**

Time	Sessions
9:00 am-10 am	Registration
10:00 am – 11:15 am	<p>Introduction to the workshop – Data for City Transport (Government Stakeholders)</p> <p><i>Cities generate vast amounts of mobility data from activities like ticketing, mobility passes, GPS information, traffic sensors, etc. New mobility enterprises collect data on the usage of their services and have an accurate understanding of the nature of commuter demand and travel patterns at different times of the day. A data driven approach and private sector partnerships can go a long way in addressing challenges of accessibility and coverage of our mobility systems.</i></p> <p><i>This panel will discussion the increasing emphasis on using data from different sources to understand commuter movement and behavior to inform better planning. The discussion will also highlight the influence of mobility data on the city at large. The panelists will include representatives from organizations that use data in meaningful ways to address specific use cases.</i></p> <p>Speakers</p> <ul style="list-style-type: none"> • Mr. V Ponnuraj, Managing Director, BMTC • Mr. S.R Umashankar, Managing Director, KSRTC • Mr. Ajay Seth, Managing Director, BMRCL • Mr. Ashwin Mahesh, MapUnity • Mr. Chinmaya Acharya, Chief of Programmes, Shakti Foundation • Mr. Madhav Pai, WRI • Mr. Amit Bhatt, WRI India (Moderator)
11:15 am – 11:30 am	Tea
11:30 am – 01:00 pm	<p>Data for City Transport (Private stakeholders)</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Representative from Bosch* • Representative from Intel* • Ms. Aishwarya Raman, Ola Mobility Institute • Ms. Sowmya Rao, Head of Policy, South, Uber • Representative from Mahindra* • Mr. Sergio Avelleda, WRI • Mr. Madhav Pai, WRI (Moderator)
01:00 pm – 02:00 pm	Lunch
2:00 pm – 03:15 pm	<p>Applied Data Analytics to ITS</p> <p><i>Data provides enormous opportunities for decision making relating to various facets of our bus systems. However, the key to unlocking these opportunities lies in extracting meaningful information from the data. Recognizing this, WRI India has worked with BMTC to develop an analytical tool that not only cleans and aggregates data from Electronic Ticketing Machines (ETM) and Vehicle</i></p>



	<p><i>tracking Units (VTU) but also integrates these datasets to derive insights pertaining to bus operations. The analytics tool helps plan, improve and optimize bus services. Among other things, the tool is capable of producing the following results:</i></p> <ul style="list-style-type: none"> • <i>Commuter boarding and alighting patterns at various stops during different times of the day</i> • <i>Occupancy ratios</i> • <i>Average bus utilization</i> • <i>Commuters sensitivity to changes in the fare structure</i> • <i>Ridership patterns along various routes</i> • <i>Identification of areas underserved by public transportation and newly established connections</i> <p><i>The session being organized, will demonstrate the working of the analytics tool and present the various use cases that WRI India has developed using BMTC's data. Solutions relating to how the insights from the analytics tool could be used to improve operational efficiencies within the bus system will also be discussed. In addition, the session will also bring together experts from BMTC, the industry and private service providers who are developing innovative ways to utilize the vast amounts of data being generated to improve bus services, in and around our cities.</i></p> <p><i>The session will also include an activity for the participants where different use cases for the data will be discussed taking examples from a few routes within the city of Bengaluru.</i></p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr. V Ponnuraj, Managing Director, BMTC • Mr. Jonathan D'Cruz, WRI India • Representative from MapBox * • Mr. Pawan Mulukutla, WRI India (Moderator)
<p>03:15 pm - 03:30 pm</p>	<p>Tea</p>
<p>03:30 pm – 04:30 pm</p>	<p>Open Data <i>Opening transit data has far reaching implications and can be very instrumental in influencing the uptake of public transport services. Few transit agencies and private enterprises are working to make their data open and available for everyone to use. This will not only help to improve commuter access to transport services but will also put India on the global map of other progressive agencies who are committed to improve access.</i> <i>This session will shed light on different mechanisms that bus agencies can employ to trigger development of innovative solutions to increase access to commuters through open data approach.</i></p> <p>Speakers:</p> <ul style="list-style-type: none"> • Managing Director, Kochi Metro Rail Corporation • Managing Director, Hyderabad Metro Rail Corporation • Representative from Chalo* • Mr. Vishal Ramprasad, WRI India (Moderator)

*Speakers to be confirmed