

Bus Rapid Transit (BRT) Workshop: Experiences and Challenges

Friday 12 July 2013

Rio Ônibus Auditorium (Rua da Assembléia, 10, 39º andar, Centro), Rio de Janeiro, Brasil,
8.15am - 5.30pm

08:15 – 08:45	Registration and coffee
08:45 – 09:15	Welcome and logistics. Introduction to BRT Systems <i>Juan Carlos Muñoz (Pontificia Universidad Católica de Chile)</i>
09:15 – 10:00	Theme 1: History and current state of the BRT industry Major BRT breakthroughs across the world. Features of the second generation of BRT corridors (include innovative propulsion mechanisms, electro-mobility, automatic docking systems, freeway bus services, advanced control systems, etc.). Incipient consolidation of the industry around transit agencies associations. <i>Dario Hidalgo (EMBARQ)</i>
10:00 – 10:30	Theme 2 pt1: Integrating safety into BRT planning and operations Overview of the most common safety issues and crash types on BRT corridors. Best practices and countermeasures for addressing safety issues (e.g. eliminating counterflow lanes, using pedestrian refuge islands, traffic calming). Examples of road safety audits and inspections carried out on BRT corridors. Evaluating the safety impact of BRT corridors. <i>Luis Antonio Lindau (EMBARQ Brasil) and Nicolae Duduta (EMBARQ)</i>
10:30 – 11:00	Coffee break
11:00 – 11:30	Theme 2 pt2: Integrating safety into BRT planning and operations Overview of the most common safety issues and crash types on BRT corridors. Best practices and countermeasures for addressing safety issues (e.g. eliminating counterflow lanes, using pedestrian refuge islands, traffic calming). Examples of road safety audits and inspections carried out on BRT corridors. Evaluating the safety impact of BRT corridors. <i>Luis Antonio Lindau (EMBARQ Brasil) and Nicolae Duduta (EMBARQ)</i>
11:30 – 12:30	Theme 3: The Customer Experience Beyond Marketing: Customer Expectations/Perceptions and Agency Response. Marketing and branding public transport: making mass transit a competitive and desirable alternative to private vehicles. Innovative customer research techniques. Handling customers during special events. Advanced Transit Traveller Information Systems: Strategic Perspectives. Include real time geo-referenced online tools for advising users to start their trips and react to incident reports. Also, provide info of

	stops in express services advising on how to reach the different destinations of the users in such a scheme. <i>Nigel Wilson (MIT) and Juan Carlos Muñoz (Pontificia Universidad Católica de Chile)</i>
12:30 – 13:30	Lunch
13:30 – 14:30	Theme 4: Fare collection in the broader payments environment An analysis of open payment, traditional payment systems and mobile phone payment: issues and opportunities. This talk also includes the opportunities of automatically gathering AVL+APC+payment taps to automatically generate dynamic OD matrices, load profiles and even estimate price-demand elasticities. <i>Ricardo Giesen (Pontificia Universidad Católica de Chile)</i>
14:30 – 15:30	Theme 5: Near-Capacity Operations Capacity Definitions and Level of Service. Network and Service Design: adding train cars, stretching headways, skipping stops, deadheading. Infrastructure and Rolling Stock Maintenance. Robust Scheduling and Real-Time Control: Demand and Supply Management. Communication needs: bus to bus, bus to station, bus to traffic signals. <i>Juan Carlos Muñoz (Pontificia Universidad Católica de Chile)</i>
15:30 – 16:00	Coffee break
16:00 – 17:00	Theme 6: Regulatory and contractual aspects Institutional organization and integration of BRT in the regulatory setting of the urban mobility system. Relations between operators and organizing authorities, typology of contracts, risk sharing, public service obligations, performance monitoring, incentives and penalties. <i>Rosário Macário (Technical University of Lisbon)</i>
17:00 – 17:30	Q and A

Organization:



Production:



Sponsorship:

