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Federal Ministry
for Economic Cooperation
and Development



Pre-event at UMI 2016 Gandhinagar on November 8, 2016

Planning for Bus Operations in India

GIZ SUTP – CEPT University Ahmedabad, GIZ Germany,

IUT New Delhi and The Urban Lab Ahmedabad

Your Experts



H M Shivanand Swamy is an economist and urban and regional planner, has been an educator, researcher, policy advisor and consultant on development planning, specifically on integrated landuse–transport planning and design and urban development management.

As an academic, he has been involved in teaching at CEPT University since 1986, and his teaching and research interests are in land use–transport planning, transportation economics and finance. He has assisted the cities of Surat and Ahmedabad in evolving their city mobility plans. He has been instrumental in planning and operationalising the Bus Rapid Transit System (BRTS) in Ahmedabad and Surat, and provided support to the Union Ministry of Urban Development in evolving planning and design guidelines for BRTS as well as in scaling up of bus-based services in various cities of India. Besides Ahmedabad and Surat, he is involved with BRTS development in Bhubaneswar, Hubli–Dharwad and Vadodara.

Abhijit Lokre is an urban planner with over sixteen years of work experience. He is founder and partner in ‘The Urban Lab’, which is a new consultancy working in the areas of



urban transport planning and design. He also teaches at CEPT University as visiting Associate Professor. He has worked extensively on BRT systems in India and led the design team for BRT projects in Ahmedabad, Surat, Hubli Dharwad, Vadodara and Bhubaneswar. He has co-authored a book on BRT systems in India and continues to research on sustainable transport in India. He is trained by Sus-

tainable Urban Transport Program (SUTP) and GIZ as a trainer in urban transport and suitable mass transit options. He has also successfully completed a Trainer Program in Case Teaching by The World Bank in Washington (2012).

Shalini Sinha is Associate Professor at CEPT University and takes postgraduate courses in transport planning and transport modelling. She is a transport and urban planner with



more than fifteen years of work experience in India and the United Kingdom. Having a Master’s degree in Transport Planning and Engineering from the University of Leeds, U.K., she has worked in London in the areas of public transport demand forecasting and appraisals, pedestrian modelling and analysis and transport scheme appraisals. In India, she has worked on a number of urban transport and urban planning projects. More recently, she has been involved in BRT projects for Hubli Dharwad, Surat, Vadodara and Ahmedabad as well as in research projects related to strategic transport planning, integrated land use transport strategies, demand modelling and public transport network planning. Her research interests lie in transport policy and practice and public transport planning. She has also undergone a Professional Certificate course in Public Transport Management in Singapore and successfully completed a Trainer Program in Case Teaching by The World Bank in Washington.

Complementary Material:

Participants will receive a CD with the following:

- All presentations given during the course
- A compilation of GIZ documents on sustainable transport



Registration:

Organizers will not cover accommodation nor pay per diems. Please register by sending an email to Abhijit Lokre, theurblab@gmail.com, and in copy to Manfred Breithaupt, manfred.breithaupt@gmail.com, indicating your name, position and city/country until November 3, 2016.

Gautam Patel is a management, contract, and financial expert with experience in transport and infrastructure sectors. His area of expertise is designing project and institutional structures in Public Private Partnership formats for infrastructure projects, whether effected through policy, contract or law. Mr Patel is alumnus of one of the prestigious management school of India, namely the Institute of Rural Management, Anand (IRMA – www.irma.ac.in). Gautam was previously employed with CRISIL Ltd. (A Standard and Poors Company), Infrastructure Development Finance Company (IDFC) and Gujarat State Financial Services Ltd. where he worked in consulting, appraisal and financing of various urban infrastructure and transport projects.



Vivek Ogra is a software solutions architect with over 19 years of experience, specializes in the areas of transit management system, Intelligent Traffic Management Systems, e-governance, disaster management systems, financial analysis systems etc. He has worked on number of international projects in the capacity of technology specialist. These pro-



jects involved functional domain translation, financial management analysis and reviews; project benefit evaluation; resource mobilization for project outlays and recurring costs. Vivek has worked in USA, UK, Africa, Thailand, Malaysia, Middle East and India where he has closely worked with the government bodies/private corporations and public sector institutions. Vivek's more recent consulting assignments have been with various state and central government institutions dealing with urban transportation and governance for developing ITS system for Urban Transit and traffic Systems and local governance. The assignments involved range of services from project management consulting, transaction advisory, technology framework development, tool kit development to development of standard operating procedures.

Manfred Breithaupt

received his Masters in Economics in 1975. After working as Transport Economist for a German consulting company in Europe, Africa and Asia he joined GIZ (previously GTZ) in 1981 and works as Senior Transport Advisor. His experience covers transport planning, transport sector policy and restructuring, sector financing, commercialisation and institutional development. He advised Governments, transport authorities and municipalities in more than 50 countries. Over the last years he worked overwhelmingly in the area of sustainable urban transport. He is the editor of the Sourcebook on Sustainable Urban Transport, meanwhile covering over 30 modules and various training packages, having been translated in various languages and hosts the leading webpage on sustainable urban transport, www.sutp.org. He works now as a consultant and as an Assistant Professor for transport planning and policy, presently at TU Munich.





Detailed program



Time Planning for Bus Operations in India

9:00 - 9:15 Registration

9:15 - 09:30 Welcome address and intentions of the training, Prof. Shivanand Swamy (CEPT)

9:30 - 10:20 Bus Operations Planning, Shalini Sinha (CEPT) and Abhijit Lokre (The Urban Lab)

10:20 - 11:10 Options for Bus Contracting, Gautam Patel (CEPT)

11:10 - 11:30 Tea and Coffee Break

11:30 - 12:20 ITMS in Bus Operations, Vivek Ogra (CEPT)

12:20 - 1:10 Integration of Bus Systems, Manfred Breithaupt (GIZ)

1:10 onwards Lunch

Course description

The course is an introduction to bus operations planning in India and the various enabling factors. With many cities coming up with BRT systems, there is a requirement for practitioners and policy makers to get trained in planning the operations of such systems. Even in cities which are planning for metro systems, the bus will continue to offer feeder services and cannot be ignored. Small cities, which do not have formal public transport, are interested in basic bus systems to mitigate the impact of unchecked private transport. Bus operations planning is a crucial requirement in India today. This course will offer participants an opportunity to understand the basics of operations planning as well as related issues of types of contracting, ITMS in transit and planning and design issues around access to public transit.

Objective



CEPT University Ahmedabad, GIZ Germany, IUT New Delhi and The Urban Lab Ahmedabad will host a one-day pre-event at UMI 2016 Gandhinagar. This event is planned as a training module on "Planning for Bus Operations in India". The target audience would be policy makers, in service officers working with transit agencies, academics and students. Resource persons would be sourced from CEPT, GIZ and The Urban Lab.

We expect

Policy makers, in service officers working with transit agencies, academics and students as participants of this expert dialogue.

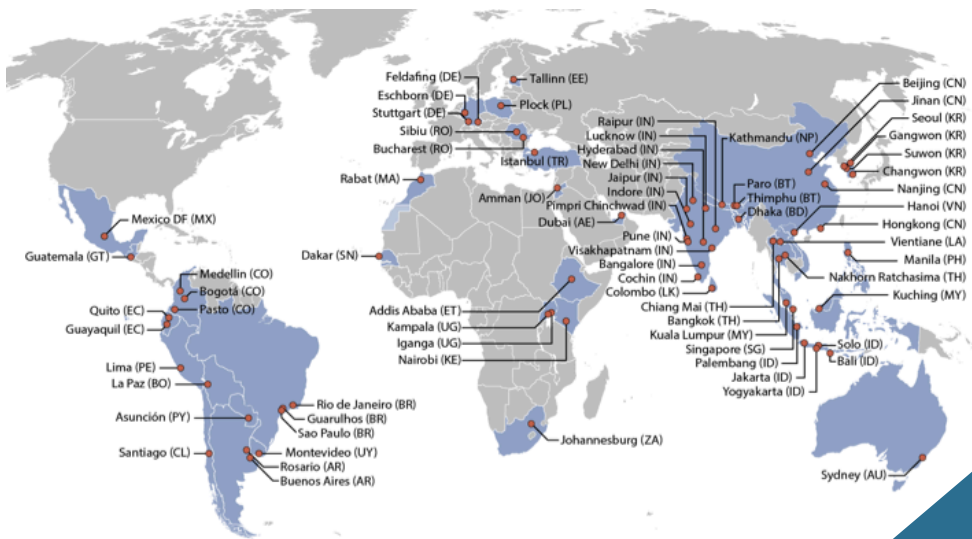
Language: English

Maximum participants: 30

Location: Mahatma Mandir, Sector 13C, Gandhinagar 382017

Date/Time: Tuesday, November 8, 2016, 9:00 am to 2:00 pm (lunch provided)

This course is part of a series of training courses of the German Cooperation (GIZ) and its SUTP project



About Us:

The Sustainable Urban Transport Project (SUTP) is hosted by Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) on behalf of the Federal Ministry for Economic Cooperation and Development (BMZ). SUTP's main objective is to assist developing world cities achieve their sustainable transport goals, through the dissemination of information about international experience, policy advice, training and capacity building and targeted work on sustainable transport projects within cities.

Contact:

Armin Wagner

Team leader „Sustainable Mobility“

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH - Transport and Mobility

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