

GEF SUTP PROJECT COMPONENT 1

BY
INSTITUTE OF URBAN TRANSPORT INDIA

SUTP PROJECT OBJECTIVE

- The Government of India (GoI) has initiated the Sustainable Urban Transport Project (SUTP) with the support of Global Environment Facility (GEF), UNDP and the World Bank.
- The objective of the project is to facilitate the provision of urban transport infrastructure and services in a manner that is consistent with sustainable environmental considerations and the National Urban Transport Policy
- The Ministry of Urban Development (MoUD) is the nodal agency for implementation of the project.
- The project is scheduled to end in Dec. 2014

SUTP COMPONENTS

- The SUTP objectives are to be achieved through implementation of following three components:
 - The first component is targeted towards National Capacity Development in Urban Transport;
 - The second component aims at preparation and implementing green transport demonstration projects in participating cities; and
 - The third component of this project is to provide support for management of the project.

THE NATIONAL CAPACITY DEVELOPMENT PROGRAM

- Component 1 of SUTP i.e. National Capacity Development initiative has 3 sub-components
 - Institutional Capacity Development
 - Individual Capacity Development through development of subject modules, training material, training of 100 trainers and training of 1000 officials at national, state, and city levels
 - Identification of topics and preparation of Toolkits

INSTITUTIONAL CAPACITY DEVELOPMENT

- Institutional Capacity Development focuses on strengthening of the Institute of Urban Transport (IUT) at the Central Government level
 - This is as per the National Urban transport policy 2006 that envisages IUT as the repository of knowledge at the central Government level to assist all stakeholders working in the domain of urban transport
 - The second reason is that all activities initiated under the SUTP project are ongoing in nature and IUT has to continue these activities

ACTIVITIES FOR IUT STRENGTHENING

- There are four main activities
 - Setting up a knowledge management center,
 - Publications and dissemination of information
 - Management of Research
 - Training cell for continuing training of city officials

KNOWLEDGE MANAGEMENT CENTER

- The potential users are; Government at the Center, State and City and city agencies such as transport and Public works department, Traffic Department, Town planners, Academia, Citizens, Policy makers, Industry, Consultancy & Research community, Legal and insurance agencies, NGOs and Funding Organizations
- It will have two components; knowledge base and data base

KNOWLEDGE BASE

- **Knowledge base** will include both domestic and international information on
- Current information on policies and projects, Best practices, reforms, Standards & Guidelines, Case studies, White Papers and Research Reports, Geographical Information, Project Data, MIS Data base and study reports
- Design tools, Models, Estimation tools, Optimization tools, Project management tools, Statistical tools, City planning tools, IT tools and Data analysis tools
- Business opportunity; information on Tenders, Yellow Pages, Advertisements and Directory Services; Department specific, Subject specialists, Technology Specialist, Standards organizations, Legal specialists, Emergency numbers, Tourism related contacts and Multilateral organizations
- A collaborative platform for Special Interest Groups, Discussion Forums, Expert Advise, Web conferencing and E mail based query
- Miscellaneous items such as 'Ask the expert', 'Topics in Focus', 'News and updates', 'Events & Conferences', 'FAQ's' and 'Bibliography', survey and opinion polls

DATA BASE

- **Data base will include data on** urban transport that covers cities and the surrounding regions both from primary and secondary sources and will regularly update it
- The data will help
 - Develop policy at central state and city level
 - Students, the academia and research institutions
 - Prepare integrated land use transport plans and CMPs for the city and the surrounding region
 - Cities to prepare feasibility and detailed engineering for projects such as public transport, facilities for NMT, roads network and linked infrastructure
 - Prepare cost estimates, economic, financial

PUBLICATIONS AND DISSEMINATION OF INFORMATION

- Publication wing in IUT has been proposed to Design the newsletter; identify its contents and sources of information, including important activities undertaken or planned in the field of urban transport and
- Design a bi-annual journal, which may include occasional working papers based on fundamental or applied research carried out on various topics of wider applications related to urban mobility.
- Annual conference on Urban Mobility

RESEARCH ACTIVITIES

- Critically review the present research work to understand the mismatch if any that exists between area of research currently in progress and its applicability to solving the urban transportation problems
- IUT will develop an agenda for future research and coordinate the research activity in the country and organize dissemination of research findings

TRAINING CELL

- Under the SUTP the consultant will prepare subject modules and training material and test it in 2 day workshops of 20 trainees each for each manual before finalizing it
- It will train 100 trainers in 3 day 10 workshops
- IUT will organize the training of balance 800 trainees
- It is expected that training programs will continue after the completion of SUTP
- Hence a training cell has been set up in IUT

TRAINING MODULES

- Training material will be prepared in 10 modules;

Sensitization

Institutional development

Financing and cost benefit analysis/ fare fixation

Demand assessment

UT Planning

Infrastructure including NMT and parking

Public Transport

Environment issues

Implementation

Operations, Traffic Management, ITS,

TRAINING GROUPS

- 7 different trainee groups have been identified;
 - Strategic Decision makers at State level ½ day
 - Strategic Decision makers City level 1 day
 - Senior Technical staff of cities with population >1 million 2 days
 - Junior Technical staff of cities with population >1 million 5 days
 - Technical staff cities with population <1 million; 3 days
 - Operators, Transport staff; 2 days
 - NGO'S, Media, Users; ½ day

TRAINING CONTENT

- The training material is to be prepared in 3 steps;
 - Brief introduction; Ministers, Chief Secretaries at State level and media, NGOs
 - Detailed introduction; Mayors, Commissioners and other non-technical city officers
 - Full information; Technical staff, both senior and junior

TRAINING PROGRAMS COMPLETED 2011

S. No.	Date	Subject	No. of Trainees	Duration	Remarks
Calendar year 2011					
1	18-20 April	Bus Operation	25	3 days	Completed
2	11-15 July	Public Transport	28	5 days	Completed
3	25-26 July	Marketing & Communication	25	2 days	Completed
4	10-14 August	Comprehensive Mobility plan	21	5 days	Completed
5	2-4 November	Mobility in hilly terrain	22	3 days	Completed

ATTENDANCE AT TRAINING PROGRAMS

S no.	SUBJECT AND LOCATION	SRTU	CITY TRANSPORT	MUNICIPALITY / DEVELOPMENT AUTHORITY	REMARKS
1	Bus operation	14	5	6	Misc. 22 traffic police 5, consultants 4, Transport department 3
2	Public transport	18	5	3	
3	Marketing and Communication	4	9	12	
4	Comprehensive Mobility plan	6	6	8	
5	BRTS evaluation	-	-	11	
6	Mobility in hilly	11	-	1	

PLANNED TRAINING PROGRAMS JANUARY TO JULY 2012

S. No.	Date	Subject
	Calendar year 2012	
1	January	Institutional Framework
2	February	Sensitization NGOs, media, CSOs
3	March	Cost benefit analysis/ Fare fixation & financing
4	April	Sensitization NGOs media, CSOs
5	May	Non-Motorised Transport
6	June	Sensitization
7	July	Transport Demand Assessment

PROGRAMS AUGUST TO
DECEMBER 2012
TO FINALIZE MANUALS AND

S. No.	Date	Subject	No. of Trainees	Duration	Remarks
13 - 22	August to Dec.	One each for 10 Subject Modules	20 x 10	2 days	To finalize subject modules
23 - 32	August to Dec.	Trainers program one each for 10 Subject Modules	10 x 10	3 days	For 100 trainers
33 - 42	Upto Dec.	Review sessions one each for 10 Tool Kits	20 x 10	1 day	To finalize tool kits
	Upto Dec.	Review of documents at 1 stage in PC2 & 2 stages in PC3			Experts for review

FINAL TRAINING PROGRAMS
2013 AND 2014

S. No.	Date	Subject	No. of Trainees	Duration of the program	Remarks
<u>Calender years 2013 & 2014</u>					
43 - 52	2013	10 Subject Modules	25 x 10	1 to 5 days	Training of trainees
53 - 62	2013 and 2014	10 Tool Kits	25 x 10	2 days	Training in use of tool kits
63 - 72	2014	10 Subject Modules	25 x 10	1 to 5 days	Training of trainees

TOOL KITS

- The toolkits are aimed at providing step by step guidance to cities to enable them to plan and implement UT projects
- It will also enable public decision makers and transport planners/engineers in overseeing urban transport projects
- Each toolkit will be a self contained and in depth document that includes various survey /other required formats etc.

TOOL KITS - IDENTIFICATION OF TOPICS

- The project report lists 10 topics for tool kits
- It envisaged engaging a consultant to identify training needs and finalize topics for tool kits
- Instead a workshop was organized where stakeholders identified 27 topics
- Taking into account the original list, workshop recommendations, available tool kits and the views of COEs, a list of 11 tool kits finalized

11 TOOL KITS

- Land use transport integration and density of urban growth
- ITS and Traffic management
- Public transport and accessibility
- Urban travel demand modelling
- Financing and financial analysis
- Traffic analysis and Performance measurement
- Environmental analysis and Strategic environment assessment
- Transport demand management
- Road Safety and Safety Audits
- Urban Road Capacity & Level of Service (LOS) Analysis and Traffic System Design (Roadway design, Intersection designs, Interchange designs, parking facility designs, terminal designs)
- Driving Code

- Thank you