

SGA

sustainable
mobility
solutions

A consultancy and advisory service provider with more than 20 years experience in working on a broad spectrum of non motorized, private and public transport issues, ranging from forecasting to planning and implementation, in partnership with academic and research institutes, CSOs, government bodies, infrastructure companies and consultants.

TECHNICAL MODELS & TOOLKITS

2019	Long range planning tool for State Transport Undertakings (STUs) in India: 33-year fleet, budget, etc. forecasting - FIEET	Shakti
2017	Web based tool to evaluate the depot level fleet operations data collected by STUs against 55 indicators – trims4STU	TRIPP, IIT Delhi
2013	A web-based, comprehensive cycling infrastructure auditing and design tool - CyLOS	ClimateWorks Foundation
2011	Bus Rapid Transit (BRT) evaluation and design tool - BEAD Tool, models existing and proposed BRTS performance	IUT India*

PLANNING & POLICY

2019	Consolidating urban freight baseline and conceptualizing low carbon urban freight action plan for Panaji, Goa	ICLEI, SA
2018	Parking demand estimation and planning for development of office complex at Okhla Industrial Estate, Delhi	Max Estates Ltd.
2017	Technical study for the last mile connectivity and pre-feasibility of potential electrification of Rajkot BRT corridor	ICLEI, SA
2017	Developing a road map for bus fleet and infrastructure augmentation for three STUs – APSRTC, MSRTC, JKSRTC	Shakti
2017	Planning & design of 4 Bus Terminals for APSRTC, including providing technical advice for 8 additional terminals	APSRTC
2016	Planning & Implementation of Bus Rapid Transit (BRT) phase 3, in Pune City for Pune Municipal Corporation (PMC)	UMTC
2013	Planning and redevelopment of Nehru Place, an urban placemaking initiative by Delhi Development Authority	Shakti#
2012	Planning and implementation of 36 Km Pune BRT corridor, phase 2, for PMC, including evaluation using BEAD tool.	UMTC
2011	Preparation of designs and assisting in the development of DPR for 36km NMT infrastructure in Naya Raipur (36 km)	Naya Raipur Dev. Auth.^
2011	Preparation of designs and assisting in the development of DPR – 2 BRT corridor in Delhi (in collaboration with Voyants)	DIMTS
2009	Preparation of designs and assisting in the development of DPR for 2 BRT on E M Bypass, Kolkata, W Bengal	IL&FS, IIDC

*Under funding from Shakti #In collaboration with ICLEI SA, I-Trans and Clean Air Asia

works

DIMTS	Planning, design and supervision of development of 500 bus shelters in Delhi for Commonwealth Games	2009
UMTC	Planning design and development of DPR for 32km pilot BRT corridors in Guwahati, for submission to MoUD, JnNURM	2008
Mehta & Associates	Planning & design of Indore BRT corridor, along with RW2 & MR10 roads in Indore	2007
DIAL	Planning of spaces, pedestrian and vehicular movement, roads, footpath and parking at Delhi International Airport	2006
AAI & TRIPP, IIT Delhi	Planning of spaces, pedestrian and vehicular movement, roads, footpath and parking at Delhi International Airport	2004

ADVISORY SUPPORT

Transport Dep. GNCTD*	Support to build capacities of government agencies by providing technical expertise for implementation of NMT	2018
ICLEI, SA	Technical advisory support to 6 Cities in implementing mobility projects under the MoHUA Smart Cities Mission	2016
PSDA & Oasis Designs	Support in planning and developing NMT infrastructure on commonwealth games street design network .	2012

TRAINING & CAPACITY BUILDING

ASRTU*	Development of Bus Depot design guidelines, including both operations, design and financing recommendations	2015
ASRTU*	Development of Bus Terminal design guidelines, including both operations, design and financing recommendations	2014
Climate Works Foundation	BEAD Tool training workshops for cities implementing BRTS projects under JnNURM	2012
ICE & I-Trans	Regional bicycle inclusive urban infrastructure design manual for practitioners, policy-makers, engineers, planners	2008

PROJECT DEVELOPMENT

UMTC	Planning, design, preparation of DPR and supervision for implementation of BRT corridor in Rajkot (10.6Km)	2008
RITES	Development of designs and good for construction drawings for Delhi BRT corridor (14km)	2005

*in collaboration with UMTC and I-Trans

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