Urban Design

Integrating urban design and planning

Design of Residential, Commercial, Business and Industrial areas.

Linking Transport and Land Use

- Multinodal Transport Hubs and its precincts.
- Transit Stations, Road, Rail, Metro and Air.

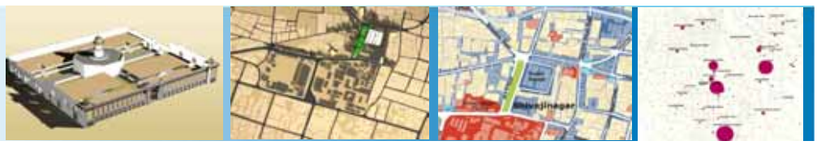
Urban design planning tools:

- Land pooling.
- CPS - Coordinated Planning Scheme.
- TDR - Transferable Development Rights.

- Design of precincts
- Transport Networks
- Urban Renewal, Heritage and Tourism
- Micro level plans

Promote Holistic Urban Renewal, Heritage Conservation and Tourism

- Heritage presentation and Transformation.
- Regeneration of historic core.
- Adaptive reuse and conservation of heritage buildings.



Micro Level Plans for better quality of life

- Design of Streets.
- Design of parks, plazas, chowks, lakes and ponds etc.
- Street signage.
- Street furniture.

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URBAN PLANNING AND DESIGN

STUDY AND CONSULTING

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URBAN PLANNING

Urban Planning

MSDI, Bangalore

- ★ Creating a GIS Data Base Repository for Bangalore.
- ★ Revised Master Plan 2015, Bangalore.
- ★ Training and Capacity Building.

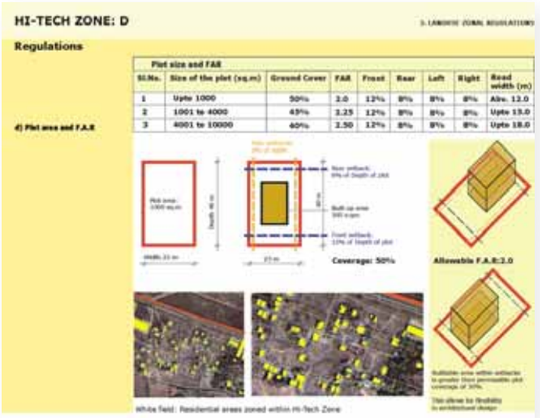
- ➢ Creation of the first large scale GIS enabled base map (1:2000)in INDIA.
- ➢ Creation of first digital urban spatial repository for the city.
- ➢ Development of customized user-friendly GIS tools.
- ➢ Design and realization of the Master Plan for Bangalore 2015 using spatial technologies.
- ➢ City Diagnosis, reviewing the strengths and constraints of Greater Bangalore Territory.
- ➢ Proposal of Urban Growth options for 2015
- ➢ Setting up of complete training program and institutional strengthening.

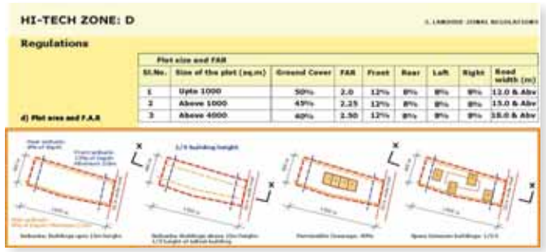
Metropolitan Spatial Data Infrastructure (MSDI)
Area: 1,306 sq. Km
Population: 6.5 Million
Duration: 24 Months

GIS as an active tool for Urban Planning and Design

- Regional Plans • Master Plans • Microlevel Plans
- Land Use and Traffic and Transport Studies

Development Control Regulations (DCR)





- ➢ Formulation of development control regulation for towns and cities and proposing land use framework.
- ➢ User friendly DCR handbooks for Urban Local Bodies(ULB) for interpretation of DCR /Zonal Regulation.

Training & Capacity Building

➢ Job on hands Approach to training for ULBs ➢ Programme based on need of ULB ➢ MSDI - conducted 1 year long TCB programme, 135 sessions.

- Land Management, Infrastructure provision and management
- Urban governance and management
- Local economic development

INFRASTRUCURE

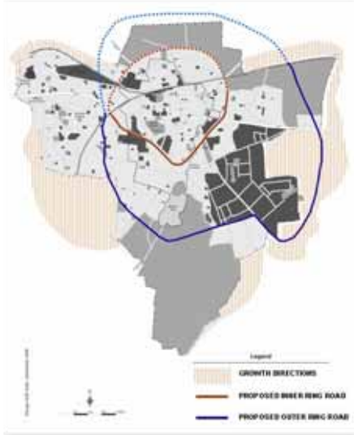
Urban Infrastructure & Investment Planning

Preparation of investment Plans for development of Physical and social infrastructure of Cities.

Sectors

- ➢ Water Supply
- ➢ Sanitation and Sewerage
- ➢ Drainage
- ➢ Roads and Transport
- ➢ Solid Waste Management
- ➢ Health
- ➢ Education
- ➢ Housing
- ➢ Fire Safety
- ➢ Basic services for the poor

Jalgaon Growth Directions



CDP Jalgaon
City Development Plan, Jalgaon
Area: 68.24sq.km
Population: 0.3 Million (2001)
Duration: 3 Months

- Market Survey • Financial Sustainability
- Investment Returns • Technical Feasibility
- Infrastructure Planning

Landscape Design & Environment Planning

Planning For Urban Environment and Land Management

Green Streets

Ecological park

Forecasts, strategies:

- ➢ Public policy.
- ➢ Land management strategies and policies.
- ➢ Land development, urban planning.
- ➢ Environment studies.
- ➢ Regulation documents.
- ➢ Assessment of regulations.

Environment management, improvement and protection

- ➢ City and Regional planning of forests, wetlands and environment sensitive areas.
- ➢ Sub-water shed design and rain water harvesting.
- ➢ Design of riverfronts, tanks, lakes.
- ➢ Design of parks, greenways, green streets.

ENVIRONMENT