Enterprise GIS Implementation

Municipal Corporation of Greater Mumbai
Mumbai City

- Area: appx. 437 sq.km.
- Population: appx. 12.5 million#
- Population Density: appx. 29,000 / sq.km#

# As per 2011 census
Base Map
D.G.P.S.
Base Ref. Stations (C.O.R.S.)

NetR9
Data Updation Protocol
Enterprise GIS ....

ArcGIS®
10.4

ArcGIS for Server

esri India
Enterprise GIS

Departmental Authorized Users

Department hired agencies

MCGM GIS Centre

GIS Data Updates

GIS application Development

GIS Viewing & Reports Generation

Administration

Departmental

Citizens
G.I.S. Centre
GIS Web Application .....
… GIS Web Application

Attribute Data
GIS Web Application

Asset Management
GIS Web Application

Repair History
GIS Web Application

Maintenance Planning
Advanced Analysis
G.I.S. Stake Holders

- Develop Plan
- Building Proposal
- Property Tax
- Water Supply
- Storm Water Drains
- Roads
- Fire Brigade
- Hospitals
  etc.

Dadar G.I.S. Centre
MCGM’s Disaster Control Room
GIS Policies under consideration

- Common mapping ref. for surveying agencies
- Real time data sharing with MCGM
- Empanelment of qualified surveyors
- Formation of “Mumbai GeoSpatial Repository”
Thank you

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