

Best Practice 04: GIS Based Land Allotment System

Overview

The **GIS-Based Land Allotment System** implemented by the **MP Industrial Development Corporation (MPIDC)**, as part of the **Department of Industrial Policy & Investment Promotion**, aims to enhance transparency and efficiency in the land allotment process. Officially launched on **November 1, 2020**, the system is accessible via the online portal <https://invest.mp.gov.in/LBA/home>. This innovative reform is designed to address the challenges faced by investors in Madhya Pradesh by simplifying procedures and reducing the need for physical visits.

Pre-Reform Scenario

Before the implementation of the GIS-Based Land Allotment System, investors encountered numerous obstacles in the land allotment process. The existing system was characterized by lengthy application procedures, with allotment taking around **60 days**. Investors were required to fill out lengthy forms with unnecessary fields, making the application cumbersome. Additionally, multiple visits to the **MPIDC** were necessary for document submission and follow-ups. The absence of a GIS-based land booking option and the lack of digitally signed certificates further complicated the process, leading to issues with acceptability in other departments and banks. The reimbursement process for cancelled applications was also complex and time-consuming.

Objective

The primary objectives of the GIS-Based Land Allotment System include making the land allotment process transparent and hassle-free, reducing service delivery time, eliminating the need for physical visits, enabling visualization of plots with available amenities, and providing critical information online for informed decision-making. To achieve these goals, the MPIDC undertook a comprehensive **As-Is study** of the existing system, which involved identifying process owners, understanding workflows, and determining key performance indicators.

Implementation

To address shortcomings in the previous system, the MPIDC conducted a physical survey of land parcels to gather vital information related to amenities and proximity to key infrastructure. Over **50 GIS layers** were

integrated into the system, allowing users to make informed decisions about land parcels. The system was also integrated with the **State Single Window System (SWS)** to streamline processes further. The implementation of **Aadhaar-based digital signatures** minimized the need for investors to visit MPIDC offices, while the system's compliance with the IT Act ensured secure transactions.

Key Features

Key features of the system include hassle-free online land booking, time-bound allotments, real-time application tracking, and auto-generation of **Letter of Intent (LoI)** for investments above **10 Crores**. Additionally, the system incorporates deemed approvals to streamline the issuance of LoIs, letters of allotment, and letters of possession.

Stakeholder Consultations

The development of the GIS-Based Land Allotment System involved consultations with various stakeholders, including industry associations such as **CII** and **FICCI**. These consultations allowed for the incorporation of valuable feedback into the system's design. A final demonstration of the system was presented to industry members before its launch.

Impact

Over 1,900 industrial plots allotted, with success stories like Mega Pipes Pvt. Ltd. (10 days), Navkar Industries (18 days), Saanvi Biofuels (25 days), and Gufic Biosciences Ltd. (28 days).

Replicability

This reform is replicable across other ministries and states/UTs. Officers are encouraged to take rational discretion in identifying if the reform is viably replicable in different contexts.

Relevant Portal

For more information, the GIS-Based Land Allotment System can be accessed via the portal: <https://invest.mp.gov.in/LBA/home>.