

# E-LAND MANAGEMENT SYSTEM



**Land is the single most important ingredient for any development anywhere in the world.**

Land is a scarce and limited resource, which cannot be multiplied. It is a valuable basis for livelihood and for economic or ecological development. Its wide use is crucial for the economic, social, and environmental advancement of the country. Developing countries in general, and disadvantaged people in society are often the most affected groups. Yet, even industrialized countries face issues with sustainable land policy. Maintaining this vast land records data consisting of cadastral maps and alphanumeric data containing record of rights and crop statistics has always been a challenge to revenue department.

The land allotment process often goes through the grind for not being transparent and also for being partial. To add to it, the massive turnaround time, is a good dampener to many entrepreneurs, for whom getting a piece of land is just the very first activity of the huge laundry list of setting up an industry. As a result, experts in e-land management are desperately needed.

## Pre Scenario

In the absence of a comprehensive database of Applicants and their payment details, AITL faced a herculean task to prioritising and allocating lands in stipulated time, which hampered the Ease-of-doing-business policy of the PM of India. Even if, they were able to track an applicant, how do they verify and authenticate the details? These reasons most often than not, led to manipulations and opacity in their deals. Thus, the E-Land Management System. E-LMS not just addresses the pain points of AITL but also puts a system for its processes, namely – the pre-allotment, approval, and post allotment.

### Challenges:

Land acquisition for business in India has seldom been simple or free of bottlenecks. The same was the case for AITL too.

The major pain points that were faced before implementation of the solution are:

- > Processes could not be finalised for AURIC as AITL was implementing such a system for the first time
- > Unavailability of data required for the system in proper format
- > No proper database of Applicants Profile, Land Applications and Payment Details
- > Monitoring of land usage and utilization
- > No proper monitoring mechanism for inspection of industries
- > No system was in place for interaction with potential investors of AURIC
- > Manual process of approvals being used by AITL
- > Non availability of automatic calculation of various payments made in process of land allotment
- > No communication mechanism in place for the investors and allottee
- > Lack of single window clearances for land allotment
- > Enormous paper trail and manual workflows



- > Lack of transparency & delayed timelines for allotment

As a part of the project vision, AITL intended to implement an electronic land management system that will allow its potential clients apply for land using a state-of-the-art online system and would enable key AITL officials to review and process the land applications online and create an online land management system.

### Solution

- > Effective monitoring of land application causing reduction of time and cost
- > Centralized monitoring system will bring transparency to the system
- > Efficiency improvement of the officers by automating the manual process of land allotment
- > Tracking of land information through GIS
- > Cases Repository for officials at single place and easy to maintain property history.
- > E-LMS system introduced the concept and also facilitated online payment method including NEFT/RTGS Challan for the investors to make hassle free payments
- > System is integrated with SMS gateway and SMTP for propagating system generated communications and reminders to the stakeholders through the application as well as SMS and email.

- > *No of registration till date* : 4914
- > *No of completed land application* : 160
- > *Total area of land applied for* : 650240.00 SqM
- > *No of approved application* : 45
- > *Total area of land approved* : 520134.00 SqM