Building India's Largest Land Intelligence Bank

To power its AI-native land intelligence platform, LANDMASTER must build a multi-source, high-quality, and scalable land data bank. This strategy outlines how LANDMASTER will acquire, integrate, and enrich datasets from government, institutional, private, and satellite-based sources.

A. Government & Public Domain Sources

- State Land Records & Cadastral Maps: Bhulekh portals, DoLR, MoUs with Revenue Departments
- Geospatial Layers: NRSC, Bhuvan, Survey of India, under Geospatial Policy 2022
- Registry & Valuation Data: e-Stamp portals, circle rates, MoUs with IGR offices

B. Institutional & Agri Data Sources

- Soil, Yield, and Crop Data: ICAR, State Agri Departments, IMD, Soil Health Cards
- Agri Lending & Risk Models: NABARD, RRBs, NBFCs — linked via lending pilots

C. Satellite Imagery & Remote Sensing

- Open Access: Sentinel-2 (ESA), Landsat (NASA/USGS)
- Commercial: Planet Labs, Pixxel, Skymet — for high-res data and change detection
- Drone Data: State drone surveys (e.g. SVAMITVA), private UAV missions for precision mapping

D. Private & Commercial Partnerships

- RERA Projects & Urban Data: RERA portals, CREDAI tie-ups, builder partnerships
- Infra & Connectivity Layers: NHAI, Smart Cities, Railway parcels, EPC partners
- PSUs & REIT Developers: Surplus land, monetisation overlay

E Community & Officer-Led Data Collection

- LANDMASTER App: For patwaris, ULB officers, citizens to geo-tag encroachments, usage, disputes
- **Use Case**: Crowdsourced enrichment and last-mile intelligence

F: Execution Plan & Legal Framework

- Start with data-rich pilot states: Karnataka, Maharashtra, Telangana
- Use Geospatial Policy 2022 to request restricted data
- Offer AI dashboards in return for agency data
- Ensure all partnerships follow data licensing, privacy, and API compliance norms

LANDMASTER's data bank will be the foundation of India's most powerful land analytics platform. This structured and compliant acquisition model ensures long-term defensibility, trust, and competitive advantage.