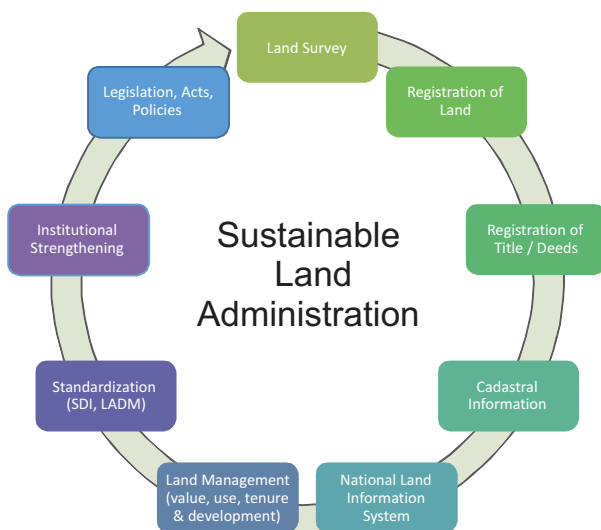# RMSI

Sustainable Land Administration

RMSI helps Governments and National Mapping Agencies to develop country level land and urban information systems that facilitate better governance. RMSI provides solutions across the land administration life-cycle from land survey management, cadastral data creation, title / deed digitization, registration system building, integration with business systems to national spatial data infrastructure enablement.

RMSI has a comprehensive proprietary solution covering all aspects of land management. The solution facilitates users to organize and manage land related data (in accordance with the ISO's LADM) such as party, parcels, RRR (Rights Responsibilities & Restrictions), and geometrical representation of spatial data sources. It can be implemented on proprietary or open-source technologies based on the client's business requirements. Our solution is easy to implement and simplifies the land administration life cycle.

Sustainable Land Administration cycle diagram: Land Survey, Registration of Land, Registration of Title / Deeds, Cadastral Information, National Land Information System, Land Management (value, use, tenure & development), Standardization (SDI, LADM), Institutional Strengthening, Legislation, Acts, Policies

Solution Highlights

RMSI's Land Management solution has a rich web based user interface with customizable multilingual support. It supports concurrent users, version control, user management, roles definition, workflow and processes. Key features include:

Cadastral Data Management
Create accurate cadastral spatial data using a variety of sources (airborne, space borne, survey, mobile survey).These actions are performed through the spatial data viewer with spatial querying and analysis capabilities

Land Registration
Configurable process driven approach for registering land information. It provides a role-based access to the system allowing appropriate land officers to link the 'party' to 'land parcel' while also linking the RRR on the land. Provision for mass registration is one of the highlights of this module

Deeds Registration
Handle deed registration, digitization of deeds and store them systematically in a document management system

Lease Management
Categorization of the type of lease, approving and storing them efficiently with the lease term, conditions etc. Users can modify the purpose of lease, beneficiary details, land parcel attached besides altering the particulars of the application

Land Valuation

Create a comprehensive property valuation database, conduct land valuation exercise, enter the results and generate reports for taxations and rate collections

Security

Robust data security features including full audit trials for land and property transactions

Reports

Generate customized reports based on specific business requirements. The solution also comes with templates for generating standardized reports

Benefits

- Unified centralized system to update and maintain cadastral data

- Minimizes scope of land disputes

- Enhances transparency in property transactions

- Faster retrieval of information and preservation of historic land transaction information

- Integration with G2G, G2C and G2B services to leverage the power of land information systems

- Effective and efficient monitoring and control of property registration

Country wide Land Information Management System (LIMS), Nepal

The Government of Nepal, had a business objective of automating all its land related transactions, providing greater transparency to its citizens, and making land related information easily accessible to the people. They commissioned RMSI to develop a country level centralized Land Information Management System

Based on the business requirements, RMSI undertook a detailed UNA, and developed a robust LIMS using Open-Source technologies. This system serves as a Central Data repository of land information that is universally and easily accessible. Key modules include Deed Registration, Amendments, Land Reforms and Land Registration.

The system enables smooth and transparent land transactions and easy access of information to both the land owners and related government authorities. Overall the land information system has improved the service delivery of the community, enhanced productivity and improved the efficiency of the government agencies.

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For further information, please contact **info@rmsi.com** or visit **www.rmsi.com**