

Electronic Urban Land Information Management System for the Ministry of Regional and Local Government, Housing and Rural Development, Namibia

Provided an easy and accurate land records and information management platform for Namibia, through which land information can be easily accessed and prompt payments be made for property taxes and services offered by the local authorities.

Urban Land Information Management System

Customer Profile

The Ministry of Regional and Local Government, Housing and Rural Development (MRLGHRD) of Namibia is responsible for regional governance (regional councils) and local governance (local authorities). The management of land and provision of services to the properties is the mandate of the local government.

For effective and efficient management and administration of the lands and provision of these services, i.e. water and sewer services, electricity connections etc., the local government charges property taxes and service charges.

Business Situation

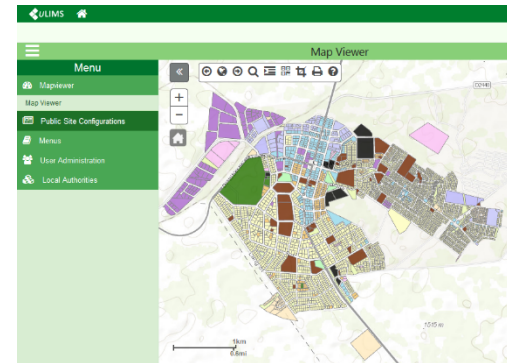
The Ministry of Regional and Local Government, Housing and Rural Development (MRLGHRD), Namibia was looking to automate the management and administration of lands in the country, to ensure provision of sustainable utility services and effectively manage revenue collections from land transactions and utility service charges on the lands and properties.

Solution

Techno Brain proposed the development and implementation of an Urban Lands Information System (ULIMS) for the management and administration of urban lands under the local government and municipality mandate. The proposed system will also function to track and manage revenue collections from the sale and servicing of the lands and properties.

The ULIMS solution is a web based application with an interface and portal for both the local government employees and the public or general citizenry, from which they can interact with the system to retrieve information related to land parcels, buy and sell land, register and make payments for property taxes and retrieve their financial transactions and information.

The implemented ULIMS solution is a centralized land management system, with a central and single repository of all land and land related information, providing the capability to integrate with other system containing or utilizing land information in Namibia.



Customer:

Ministry of Regional and Local Government, Housing and Rural Development, whose mandate is to manage regional and local authorities in their provision of services and collection/management of fees/charges for the services offered.

Industry:

Government

Business Situation:

MRLGHRD wanted to improve on revenue collections and services delivery to properties/land parcels within the municipalities.

Solution:

Techno Brain implemented an Urban Lands Information Management System, integrated with a financial management system for lands information and revenue management.

Benefits:

- Increased revenue collection through automated billing
- Transparent and clear procedures through workflow management
- Centralized data storage for powerful reporting capabilities.
- Improved service delivery

Urban Land Information Management System

Major features of ULIMS:

- Centralized web based system with a single repository database for land and land related information
- Revenue tracking, collection and management system for:
 - Land sale by the local authority
 - Service Charges and Utility services payments
- Erven/land parcels and spatial data management

Technologies

Window Server 2012 with SQL Server for DBMS; Microsoft Dynamics SharePoint 2013 for web application and web portal access management; Microsoft Dynamics for revenue management; ESRI's ArcGIS technology for Spatial and Cadastral Information Management.

Benefits

Key benefits of Urban Lands Information Management System

- **Increased revenue generation**—system integrated with financial systems to automate billing and manage payment compliance for land rates, property tax etc.
- **Easier access to market information**- ULMIS informs, encourages formalization and registration of land transactions, increases confidence in land buyers as well as stimulating the economy because land information will be available to the public as and when one needs to use it for any one given purpose. It also provides clear visibility on land allocation and ownership.
- **Transparent and clear procedures for all**- provide accessible, accountable, efficient, transparent land administration services delivery.
- **Improved service delivery**- reduce the time and cost involved in transferring property rights and in processing documents like mortgages.
- **Access to updated land information for all**- provide up-to-date on land; this data can be used for other purposes such as planning, environmental monitoring, regulation of land use and land valuation.
- **Centralized Data Storage for Powerful Reporting Capabilities**- Entering data into one centralized database not only minimizes duplication of data entry which reduces data entry costs and increases the value of the data but also provide one source of truth.
- **Wider Access of Information through use of the Internet**- Wide access to important land information is provided in a very cost-effective manner through an Internet portal. This could be organizations such as financial institutions- banks and mortgage companies who could access this information for a fee. Information can be integrated into other applications to provide additional distribution and consistency across sources.
- **Business Analysis to Improve Decision Making**- The system will provide tools that will help reduce land related disputes with better delineation of boundary and accurate calculations.