



CADASTRE / LAND REGISTRY

LAND VALUATION

LAND  
ADMINISTRATION



Projects for land administration modernisation, cadastre, land registration, land valuation and development planning represent a major concern in many countries given the underlying economic and social stakes. They contribute to securing property rights by helping to reduce the number of disputes relating to land issues, encouraging investment and improving the transparency of land values.

Geographic information is an essential component of these projects through the collection and updating of cadastral data. The development of land information systems (LIS) incorporates both these geographic components and various modules related to land registry management.

IGN FI has developed an expertise in this field that is recognised worldwide and is able to offer customised solutions adapted to each issue encountered. It offers turnkey solutions which include both legal, technical and change management components (communication actions, training...) to ensure the sound adoption of the new technical tools, and the simplified procedures resulting from the projects

IGN FI is supported by an effective network of international experts and partner companies. It is thus able to design and implement solutions adapted to both the technical and legal aspects of each issue encountered.

## OUR AREAS OF EXPERTISE

Advise, design and implement projects in the field of land administration and more specifically:

- Running land management projects
- Institutional and legal support
- Execution or supervision of cadastral survey work
- Restoration and dematerialisation of cadastral maps, titles and land-related documentation
- Implementation of land information systems: analysis of existing processes, improvement of existing systems, data modelling in compliance with international standards (LADM), design, development, roll-out
- Technical assistance, technology transfer, training
- Change management / awareness programmes

## OUR MEANS

IGN FI provides its teams of specialists to clients:

- Experts in land administration, cadastre, land valuation
- Experts in databases and GIS
- Surveyors-topographers
- Experts in geodesy
- Specialised lawyers
- Analysts, information system architects, developers, quality specialists
- Experienced project directors and managers

# SOME OF OUR REFERENCES

## UGANDA • Implementation and roll-out of a national LIS

Between 2010 and 2014, IGN FI was responsible for the design, supply and implementation of a land information system (LIS) for 6 decentralised ministry zonal offices in charge of issues concerning land, as well as the creation of a national land information center. The World Bank chose IGN FI in 2015 to roll out an efficient, reliable and transparent information system on a national scale.

In all, 21 districts were involved, with the installation of extensive IT equipment, deployment of the system in each district, and the conversion of over 700,000 title certificates plus 150,000 other documents. 90,000 cadastral plans and old maps were restored and geo-referenced and 700,000 parcels were vectorised. A major skills transfer programme was deployed, with over 300 people trained in using the new tools and procedures. The project was completed in 2020.



## TANZANIA • Implementation of a pilot LIS

The Ministry of Land Affairs, with support from the IGN FI/Geofit consortium, carried out a pilot project for the region of Dar es Salaam. This project for the overall modernisation of the Ministry consisted of designing, developing, building, installing and implementing a LIS, which also involved the conversion of all existing data (60,000 title certificates, 32,000 cadastral plans and 220,000 land administration service documents). The project also included a major training programme (over 200 people received training) and the purchase and installation of all the IT equipment for 8 sites plus a national center.



## TRINIDAD • Implementation of a land registration system

The primary aim of the project is to strengthen information management and the institutional capacity of the Ministry of the Registrar General by designing, developing and implementing the land registration system. All existing data have been incorporated into the system.



## ECUADOR • Implementation of a national cadastral information system

The Ministry of Agriculture developed an administration system to manage land and cadastral information. The project entailed designing, developing and implementing the national land administration system based on both the applications which were already available and use open source tools and open standards, and the architecture and design elements provided by a national territorial agency.

## CAMEROON • Support project for modernisation of the land registry and business climate

Modernising the land and estates registration system is among the key initiatives for implementing and developing sustainable and fair land governance, and is a necessary precondition for encouraging economic growth and reducing poverty.

The beneficiary of this project, developed and financed by the African Development Bank, is the Ministry of Estates, Land Registration and Cadastral Affairs. IGN FI is responsible for the overall management of the module relating to modernisation of the land registry and for co-ordinating the various actors and the activities carried out.



## ETHIOPIA • Supervision and implementation of an urban LIS

This supervision project's objective was to support the Ministry in charge of urban planning in their work to design, implement and roll out a new land and property information system.



For more projects, visit [www.ignfi.com](http://www.ignfi.com)

IGN FI is one of the companies in the GEOFIT group and as international technical operator for IGN France, is a major player in the field of geomatics. It provides expertise in the fields of geodesy, metrology, cartography / infrastructure for national geographic data, databases, geographic information systems and portals.

100% devoted to export, IGN FI provides its know-how to many sectors of activity including agriculture, forests, the environment, civil security and borders.

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