



DATA ACQUISITION AND PROCESSING

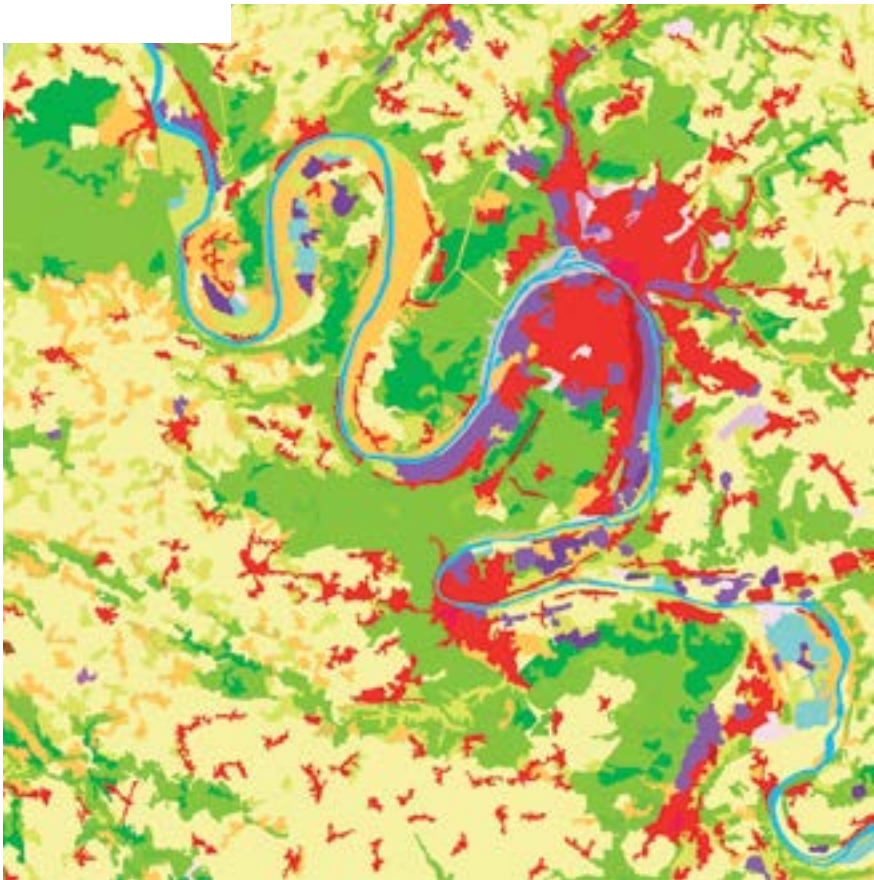
SKILLS TRANSFER

TRAINING ON-SITE AND IN FRANCE

SPATIAL DATA INFRASTRUCTURES

GEOGRAPHIC INFORMATION SYSTEMS

IGN FI



LAND PLANNING / LAND ADMINISTRATION / NATURAL RESOURCE MANAGEMENT / DEFENCE



GEOMATIC EXPERTISE

TO HELP MAJOR POLICY MAKERS

Founded in 1986, IGN FI has since become a leader in the design and implementation of geomatic projects for major clients. The geographic information and reference data which are an intrinsic part of all major projects, are a key element in decision-making at the highest levels. The company's work is carried out in foreign countries and IGN FI makes its expertise available to all types of private and public ordering parties such as governments and the ministries in charge of technical issues, mapping institutions, local authorities, companies, consultancy firms...

IGN FI works in partnership with IGN France (national institute of geographic and forest information) on its projects abroad. IGN FI is part of Groupe FIT.

OUR VALUES

EXCELLENCE AND QUALITY

Prior to starting projects and throughout their duration, IGN FI mobilizes teams made of the lead experts of the domains concerned and relies on the best suited technologies to ensure successful project completion.

INDEPENDENCE AND RELIABILITY

IGN FI advocates the independence of its technical solutions and takes into account the client's technical, organisational and financial constraints.

COMMITMENT

IGN FI is fully committed to implementing long-term solutions to best adapt to its clients' needs. IGN FI has been supporting the development of several partner countries for over 30 years.

COMPLEMENTARY EXPERTISE

Operating in over 40 countries, IGN FI possesses the full range of networks necessary to build private or institutional partnerships. The company also develops relations with local stakeholders to better meet requirements.



Monochrome with shading display of a DTM extract of Benin, down-sampled to a resolution of 10m. 2m equidistant contour lines.

SPECIFIC TRADE SKILLS

GEODESY

DATA ACQUISITION

DATA PROCESSING

GEOGRAPHIC INFORMATION SYSTEMS

GEOGRAPHIC PORTALS

As a major player in the field of geomatics, **IGN FI** offers its expertise and works on developing projects, from the simplest to the most complex. Thanks to its vast network of partners, the company proposes a full range of services in the following areas:

Geodesy: construction of geodesic networks, permanent stations, levelling work, geodic calculations, surveillance of civil engineering structures, metrology

Data acquisition: aerial photography, satellite images, LiDAR, drones, land surveys, data conversion (scanning, georeferencing, vectorisation)

Data processing: orthophotographs, digital or elevation land models, 2D or 3D photogrammetric recovery, data bases (modelling, structuration), 3D models

Spatial data infrastructures: implementation and supervision

Mapping and remote detection: mapping at different scales, land occupation maps and diachronic analyses

Development of geographic portals, themed GIS or sectorial applications

Land management information system: analysis, design, development, data integration, deployment

Supply of equipment and software: installation and supervision of production lines

Training and skills transfer

Advisory services and preliminary studies



PROJECTS CARRIED OUT IN OVER 120 COUNTRIES...

IGN FI

SOME OF OUR REFERENCES WORLDWIDE

CENTRAL AND WESTERN AFRICA Follow-up of land occupation dynamics using satellite images - **MALI** Mapping to a scale of 1:200,000 and modernisation of the national geographic institute (IGM) - **BURKINA FASO** Mapping to a scale of 1:200,000 and modernisation of the national geographic institute (IGB) - **BENIN** Creation of national maps to scales of 1:50,000, 1:200,000 and 1:600,000 - **QATAR/SAUDI ARABIA** Demarcation of the land borders and delimitation of offshore boundaries - **UGANDA** Implementation of a land management information system rolled out on a national scale - **ECUADOR** Development and implementation of a national land administration system (SINAT) - **SERBIA** Technical assistance for the creation of a spatial data infrastructure - **ETHIOPIA** Supervision and implementation of an urban land information system - **REPUBLIC OF CONGO** Support for delimitation of land and maritime borders - **VIETNAM** Preliminary project for the improvement and modernisation of the land administration system for 3 towns - **MOROCCO** Technical training provided - **SAUDI ARABIA** Installation of permanent stations and an operational centre - **LUXEMBOURG** Revision of the topo-cartographic database for the Grand Duchy of Luxembourg and creation of a new digital map to a scale of 1:20,000 - **HAITI** Creation of a pre-land registry system over 5 pilot zones - **BURKINA FASO** Diachronic analysis and land occupation accounts - **EGYPT** Monitoring the changes in arable land over the Nile valley and Delta - **TANZANIA** Design and implementation of a land information system - **HAITI** Production of an orthophoto and a DTM using an aerial photo and a LiDAR reading - **AFRICA** Observation of areas of ecological interest and maintaining biodiversity - ...



OUR METHODS OF INTERVENTION

FROM PROJECT STRATEGY TO IMPLEMENTATION

IGN FI supports its clients in getting the most out of their geographic information, right from the definition of strategies and public policies up to implementing the projects themselves by transferring skills.

PROJECT DESIGN AND EXECUTIONS

IGN FI covers projects in all their stages, offering a complete range of services including data production and processing, system development, technology and know-how transfers, providing turnkey solutions, ensuring the testing and implementation phases, communication and change management activities...

TECHNICAL AND OPERATIONAL SUPPORT

IGN FI provides technical support from the strategy definition phase up to the actual implementation of actions (feasibility studies, functional needs analysis, audits, quality control, search for financing, monitoring, steering and assistance for executing projects...).

FEASIBILITY STUDIES/SUPERVISION

IGN FI studies project feasibility, creates master plans in the field of geographic information, schedules investments and supervises projects.

IGN FI is registered with multilateral development banks and entities working in bilateral public funding and is referenced with numerous public and private entities in the countries where the company operates.



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IGN FI

7, rue Biscornet - 75012 PARIS - FRANCE
Phone: +33 1 42 34 56 56 / Fax: +33 1 42 34 56 51
info@ignfi.fr

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