



# FIG Working Week 2024

19-24 May

Accra, Ghana

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

*Presented at the FIG Working Week 2024,  
19-24 May 2024 in Accra, Ghana*

## Burundi Landscape Restoration and Resilience Project A project to secure the land rights of the most vulnerable people



ORGANISED BY



IGN FI

PLATINUM SPONSORS



GEOSA  
General Authority for Survey and Geospatial Information





# FIG Working Week 2024

19-24 May

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

## IGNFI

### A trustful Partnership

[www.ignfi.fr](http://www.ignfi.fr)

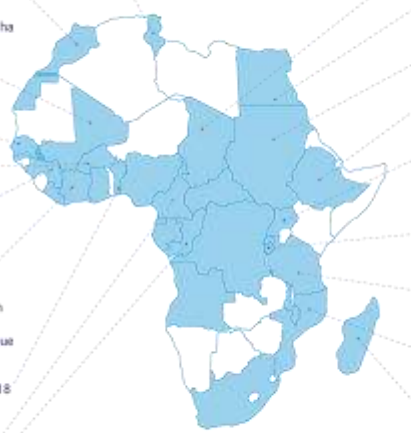
Land Administration – NSDI – Earth Observation – Geointelligence -



LADEC

[www.ladec.bi](http://www.ladec.bi)

Land & Development Expertise Center

- 
- Tunisie** : Acquisition et installation d'un SIG métier de gestion technique des réseaux d'eau potable à la SONEDE • 2014-2017
  - Maroc** : Réhabilitation de la médina de Fès – réinstallation des populations affectées par le projet • 2009-2013
  - Mise en place de la réforme des terres collectives en titres individuels sur 46 000 ha dans la région du Gharb • 2016-2017
  - Mali** : Mise à jour de la cartographie nationale au 1:200 000 et modernisation de l'institut géographique du Mali • 2012-2016
  - Sénégal** : Projet de gestion intégrée des inondations au Sénégal (PGIS) 2021-2024
  - Burkina Faso** : Mise à jour de la cartographie nationale au 1:200 000 et modernisation de l'institut géographique national • 2015-2017
  - Base de données d'occupation des terres – BDOT2012 • 2013-2014
  - Guinée** : Zonage agro-écologique du territoire guinéen • 2018-2020
  - Côte d'Ivoire** : Mise en œuvre d'un système intégré de gestion du foncier urbain (SIGFU) • 2021-2023
  - Conception détaillée, développement et mise en place d'un système d'information du foncier rural (SIFOR) • 2021-2023
  - Adressage du district d'Abidjan et mise en place d'un référentiel d'adressage unique (PADU) • 2021-2024
  - Benin** : Réalisation de la cartographie nationale à l'échelle de 1:50 000 • 2014-2018
  - Réalisation d'un géoïde propre pour le Bénin • 2017-2018
  - Cameroun** : Maîtrise d'ouvrage de la composante « modernisation du cadastre et des domaines » • 2019-2021
  - Congo** : Frontières terrestres et délimitation de l'espace maritime : « volet 1 : aide à la négociation » • 2018-2016
  - Tchad** : Infrastructure de données spatiales sur la ville de N'Djamena et ses environs • 2017-2020
  - Egypte** : Evaluation de l'évolution de l'invasion de la jacinthe d'eau le long du Nil d'Ad-Douiem à la frontière sud du Soudan • 2013-2015
  - Soudan** : Réseau géodésique, orthophotographie et bathymétrie – Nord & Sud Soudan • 2007-2013
  - Ethiopie** : Supervision de la mise en place d'un système d'information foncier urbain • 2014-2018
  - Ouganda** : Conception, fourniture, installation et mise en œuvre de l'infrastructure pour un système national d'information foncier • 2019-2020
  - Mise à jour et mise en œuvre du réseau géodésique pour l'administration des terres • 2010-2020
  - Burundi** : Appui à la mise en œuvre de la sous-composante certification foncière du projet de restauration et de résilience du paysage du Burundi (PRRPB) • 2021-2022
  - Tanzanie** : Conception, fourniture, installation et mise en œuvre du système d'information de gestion foncière (LMIS) • 2016-2019
  - Mozambique** : Délimitation des communautés et des parcelles foncières pour la délivrance de titres d'occupation des terres, dans le cadre du projet Terra Segura • 2021-2023
  - Madagascar** : Croissance agricole et sécurité foncière (CASEF) • 2018-2022





# FIG Working Week 2024

19-24 May

## Accra, Ghana

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

### PRPB implementation Context

Strong demographic pressure: > 460 hab/Km2	Reliance over agriculture 90% of the population	High level of land disputes (70% of civil disputes brought before local courts)insecurity, social tensions
Prevalence of testimonials as proof of land rights in rural areas	Communal land services operating with an individual approach (OIR)	<b>Women and vulnerable groups have very limited access to and control over land</b>

### Decentralized land management

#### Peace and social cohesion

- Peaceful conflict management through mediation
- Consolidating land rights through certification

#### Development

- Contribution to community development
- Contribution to landscape restoration and resilience



# FIG Working Week 2024

19-24 May

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

## PRRPB Project

Global Framework

Project

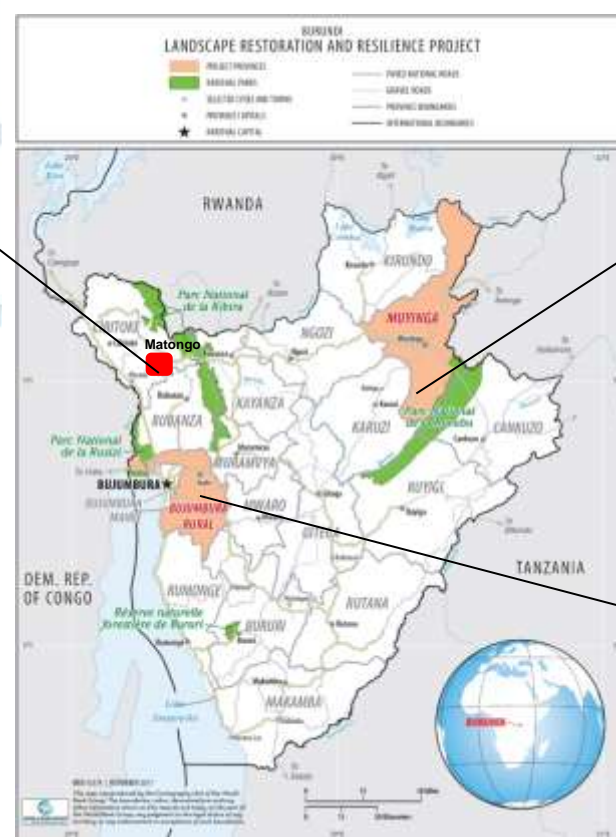
Duration

Zones

Operators

Budget

- Burundi Landscape Restoration and Resilience Project
- A WB & GEF financed project
- 5 components
- Land Certification = Sub-component 2.3
- From 15/01/2021 to 31/03/2023
- 3 communes : Buhinyuza, Isare et Matongo
- 26 Hills
- IGN FI (Lead) / GEOFIT / LADEC
- 2,6M€





# FIG Working Week 2024

19-24 May

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

## GENDER INTERVENTION STRATEGY



### Setting up the Team

Gender and Social Inclusion expert = deputy head of mission for the Groupement  
Attention to gender diversity when recruiting teams, particularly for field agents



### Gender and land study

Gathering information on the initial Situation & previous experience

Land acquisition = mainly purchase + inheritance  
Inheritance = men; women enjoy only usufruct rights  
Married women = deprived of right of access to land, including properties purchased by the household



### National Workshop

Mobilizing national land stakeholders  
Presentation and discussion of study results  
Validation of intervention strategy: **voluntary registration of spouses on land documentation**



### Digital tools

Enables registration of both spouses  
Digitization of the certification chain



### Awareness-raising/Training

On group land formalization and the consortium digital methodology  
Sessions dedicated to gender approaches, inclusion of women in certification  
Focus on conflict prevention and management

ORGANISED BY



PLATINUM SPONSORS





# FIG Working Week 2024

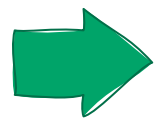
19-24 May

Accra, Ghana

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

## Land certification steps

Preparation



Systematic Socio & land surveys (OGR)



Certification



PLATINUM SPONSORS





# FIG Working Week 2024

19-24 May

Accra, Ghana

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

## Overall results



2 years and 3 months of contract



7 operators trained on the production system  
136 field agents trained in group certification and tablet tools



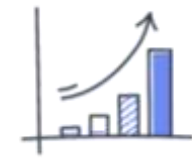
Support for the creation/operation of 3 communal land services



> 105 000 hill surveys carried out



> 100,000 people aware of and mobilized for certification



103,000 certificates produced and distributed  
610% of PAD targets



Design and development of a digital production line



> 75% of certificates bear the name of a woman

ORGANISED BY



IGN FI

PLATINUM SPONSORS



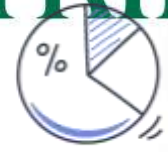
GEOSA





# FIG Working Week 2024

19-24 May



Accra, Ghana

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

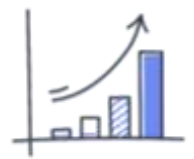
## Certification for women and success factors



Target: 50% - Achieved: 76%



Experimenting with 2-spouse registration



78,717 certificates bearing women's names

- Training for all stakeholders
- Strong involvement of local authorities
- Women in all team positions
- Focus on existing legislation: no creation of new rights but awareness-raising and formalization of existing ones
- Towards a gender maturity of Burundian rural society
- Registering the 2 spouses on the CF is one of the strategies for strengthening the protection of women's land rights.









# FIG Working Week 2024

19-24 May

Accra, Ghana

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

IGN FI



LESTANG Jean-Philippe – IGN FI (jplestang@ignfi.fr)

DECHERF Aurélia – IGN FI (adecherf@ignfi.fr)

NIBITANGA Séverin – LADEC (Severin.nibitanga@ladec.bi)

GIHUGU Didacienne – LADEC (didacienne.gihugu@ladec.bi)

ARESTE LAMENDOUR Aude – IGN FI (alamendour@ignfi.fr)

**Merci**  
**MURAKOZE**

ORGANISED BY



PLATINUM SPONSORS





# FIG Working Week 2024

19-24 May

Accra, Ghana

Your World, Our World:  
Resilient Environment  
and Sustainable  
Resource Management  
for All

**SUSTAINABLE DEVELOPMENT GOALS**

International Federation of Surveyors supports the Sustainable Development Goals

## Commission #

TS10G: Fit-for-Purpose Land Administration: Cases and Impacts

Serving Society for the Benefit of People and Planet



ORGANISED BY



PLATINUM SPONSORS

