

FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

Presented by the FIG Working Week 2019,
April 22-26, 2019 in Hanoi, Vietnam

"Geospatial Information for a Smarter Life
and Environmental Resilience"



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The Role of Communities in Land Cadastre Maintenance

Marisa Balas

marisa.balas@exi.co.mz

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Mozambique's Context

- 800 000 km²
- Aprox. 30 million people
- 90% unregistered land

"Terra Segura" Program

- **Target:** Good faith occupations and customary lands
- **Goals:**
 - **Security of Tenure:** 5 Million Parcels and 4 thousand communities
 - **Sustainable Land National Cadastre**
 - Flexible for new requirements;
 - Adds value: informed decisions; social and economic development;
 - Complete, Quality of data, Up-to-date information

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Updating and maintaining a land cadastre with trustable and up-to-date spatial and legal/legitimate information is critical

- Can be achieved through a more participative role of communities
- Appropriate tools and procedures must be available preferably at the community level, to ignite the required updates when they occur
- Requires changes the current practices that have led to outdated records of past land cadastres exercises

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Objectives of the Study

- Analyze the changes occurred to cadastral information;
- Evaluate the ability of communities to track and report on changes;
- Propose appropriate tools to capture changes and update the cadastre;
- Propose interaction mechanisms between all the stakeholders;
- Adjust the land information cadastral system (SiGIT) and all land registration tools accordingly.

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Approach and Methodology

- Selection of a cluster of communities with a previous registration process;
- Utilization of the Mozambican FFP Methodology;
- Registration process to be performed by community members;
- Comparison of the changes in the community land cadastre;

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Observations

- From the initial 350 parcels registered, 150 (42%) required updates
 - 11 disaggregated
 - 43 minor adjustments to their shapes
 - 16 major adjustments to their shapes
 - 16 fully transferred
 - 62 required one or more additional title owner
 - 2 required changes to comply with partial protection areas

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Observations

- Additional 820 parcels were registered
- The % of parcels allocated to women increased (from 23% to 48%)

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Community Public Presentation



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Community Council Training



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Observation #1: Parcel Disaggregation through rights transmission

Change	1st registration	2nd registration
A mother has transferred rights to two of her children		
An uncle has transferred rights to a niece		

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Observation #2: Changes in the land right ownership

Change	1st registration	2nd registration
Inclusion of the husband name as a co-title holder		
Inclusion of the husband name as a co-title holder		

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Observation #3: Inadequate Parcel Boundaries – parcel redesign



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Observation #4: New parcels - individual community social land



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Recommendations

- Involve Communities in the maintenance of their cadastral information
 - Nominate and establish a Community Cadastre Committee
 - Deliver a full dossier to community
 - Train and build capacity of local community council members;
 - When and if possible, deliver the SiGIT mobile app.

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Recommendations

- Include changes to methodology and tools
 - Appropriate channels between community and district authorities;
 - Avoid duplication of authority - community should correspond to the limits of the locality;
 - Establish a fee to accommodate required changes;
 - Adjust the DelCOM/RDUAT methodology to contemplate the processes for the lifecycle management of the cadastre;
 - Adjust the SiGIT application to accommodate all proposed changes

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Recommendations

- Provide Reliable Spatial Data Quality
- Interoperate with other land related cadastres
- Make the information of the Land Cadastre a public tool

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Thank You

Cảm ơn

Khanimambo

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