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Mobile Applications to Secure Tenure (MAST)

INTEGRATED TECHNOLOGY AND APPROACH

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Agenda

• Background, Context, and Challenges in 3 Countries
• Outcomes and Results
• MAST Principles
• Q&A
• Reflection and Feedback
Context, Background, and Challenges in 3 Countries

Jeffrey Euwema, Land Technology Solutions
TANZANIA

Low-resourced land governance sector
Lack of reliable inventory for land
Increasing land pressure leading to conflict
Citizens, especially women, not involved
Government was promoting large-scale investment in agriculture.

Increasing pressure of rural lands occupied without secure tenure.
Program focused on using innovative technologies to document land rights

Collaborative approach to help build ownership, validate processes and data

MAST streamlined customary land certification process in Tanzania
Insecure tenure and food security, 70% rural population (WB)

Competition for resources increasing, especially for vulnerable groups

Limited implementation of new customary land laws
Standardized and streamlined approach required

Limited institutional capacity

Need to adhere and work within land governance and legal framework
Collaborated with the National Land Observatory (NLO-BF)
Engaged and empowered communities through participatory approach
Innovative technologies and participatory approaches built local and regional government capacity and self-reliance
Community Forests support important biodiversity and ecosystem services.

Limited understanding of forest and land resource base.

MAST performed assessment of USAID forestry programming.
Engaged stakeholders and beneficiaries to understand context

Sought to identify ways to adapt MAST to stimulate decision making and promote sustainable forest and land uses

Institutions face constraints in implementing forestry and land administration mandates
Empowering citizens to identify, understand, and map their community land and resources within the wider landscape

MAST is building a reliable information base of forest and land resources

MAST is developing a new management framework for a Community Forest

Collaborating with national level stakeholders and partners
MAST Results
Over **63,000** parcels mapped

**50%** of Land Certificates to women

Resolved **disputes**

Empowered **woman and youth**

**Reduced mapping costs 80%** from $40 to $7.85 per parcel
Nearly 2,600 parcels mapped by citizens in 35 days, total of 3,600 ha

Occupancy division: 79% male, 20% female

>2,200 applications published

282 Land Certificates issued
Governance framework now engages 7 principal communities of Blei Community Forest

Trained almost 600 citizens in conservation and land laws

>30 community members trained to use MAST application

Introduced efficiencies in mapping
Development of Programs and MAST Principles
Common themes emerging from MAST implementation are:

- Adaptability to Context
- Rigorous Stakeholder Engagement
- Collaboration
- Empowerment and Participation
Align Key Principles of MAST to Implementation Requirements

- Establish and communicate **roles** for **efficient workflows**
- Align with **partners** throughout implementation for **sustainability**
- Target **women and vulnerable groups** to promote gender equality
- Ensure **inclusivity** and encourage **participation and community ownership**
- Build capacity to empower **communities** for self-reliance
MAST Implementation Approach

**Sensitization**
Provide sensitization and build advocacy around land and resource laws, issues and rights

**Assessment**
Identify specific needs and opportunities based on technical, legal, social and institutional requirements

**Design**
Design program and adapt technology tools for clarifying land rights & achieving cross-sectional development objectives
**Execution**
Train citizens to effectively map land and resources with MAST

**Self-Reliance**
Empower to build momentum for long-term self-reliance

**Document**
Document and share lessons learned & build sustainability/scaling plans
What questions do you have?
Enter them in the chat.
Thank you!

For more information visit:

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Land Links
MAST Brochure
The MAST Learning Platform
MAST on Github
Thank you