

To digitize private traditional Owned farms - 3 slide deck



About SmartAgriOT

2022



**WSIS
FORUM 2021**
Starting from January
Final Week 17-21 May 2021



**TECHTRIBE
ACCELERATOR**



Smart AgriOT is a cloud-based digitisation and farm management platform for smallholder farmers to promote precision agriculture solutions, including data gathering by satellites and drones, weather information and soil sensors as well as other data-driven farming practices. They aim to build a world with no poverty or hunger by providing low-cost solutions that enable smallholder farmers to meet the needs of their direct and broader communities.

**WINNER
2nd PLACE**



**AFRICA
IGNITE**
IGNITING RURAL DEVELOPMENT



**SA INNOVATION
SUMMIT.**



CONGRATULATIONS

Smart Agriot, one of our 2020 Space-Tech Challenge Winners, for making it to the ESA APP Camp 2021

"This opportunity will create new opportunities as SmartAgriOT will position itself in rendering services to the Brazilian agriculture sector, which will stimulate jobs to both countries, new skills developed for the youth, the women in the use of Earth Observation Satellites, Artificial Intelligence technologies in Agriculture and across the value chain and ecosystem."

Jabu Madlala
Co-Founder



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Smart Rural Development

Transitioning and Providing Access To Rural Communities

13 communities – initial 20,000 ha

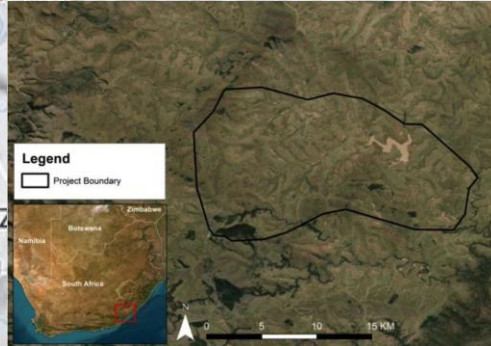
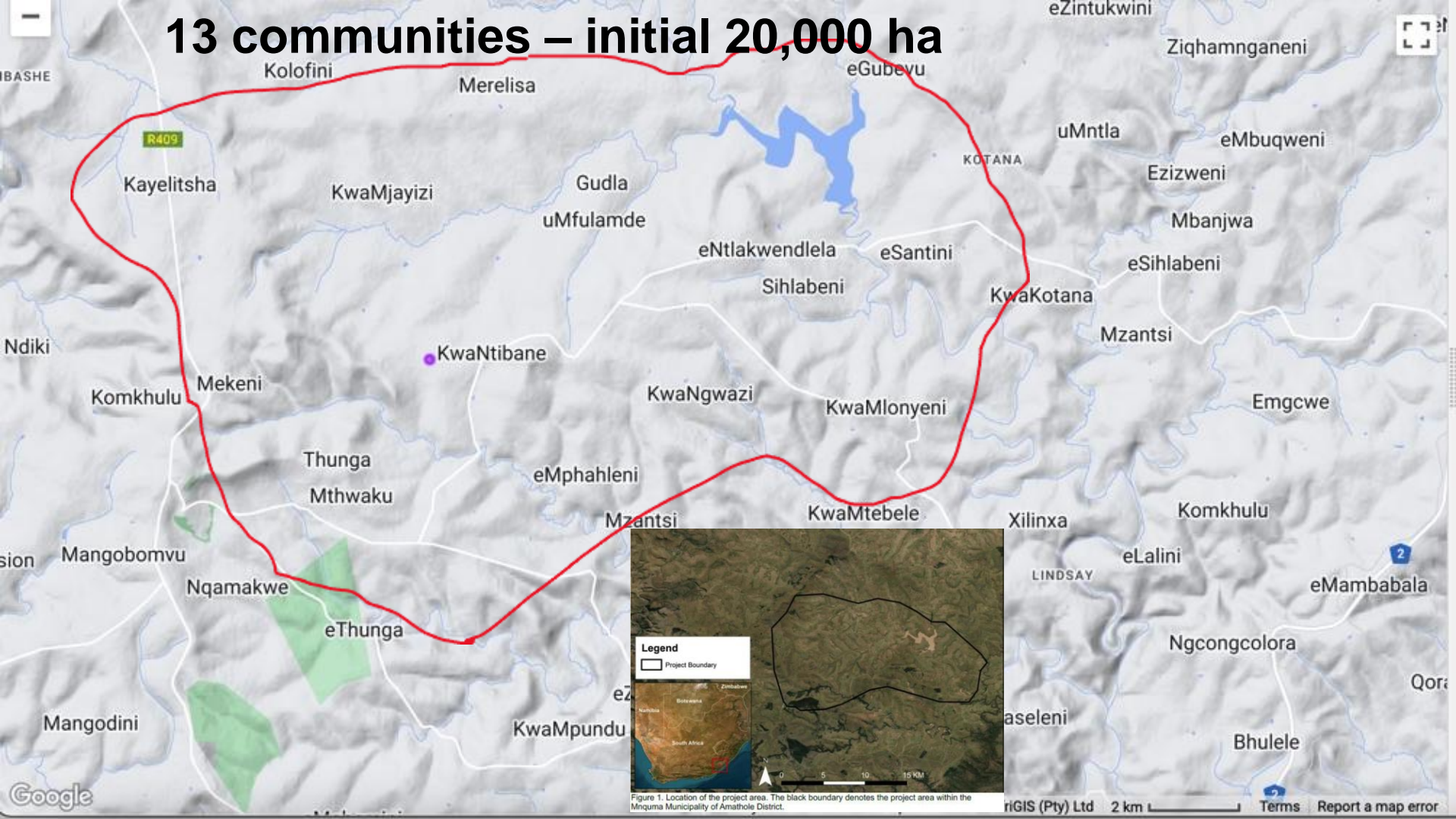
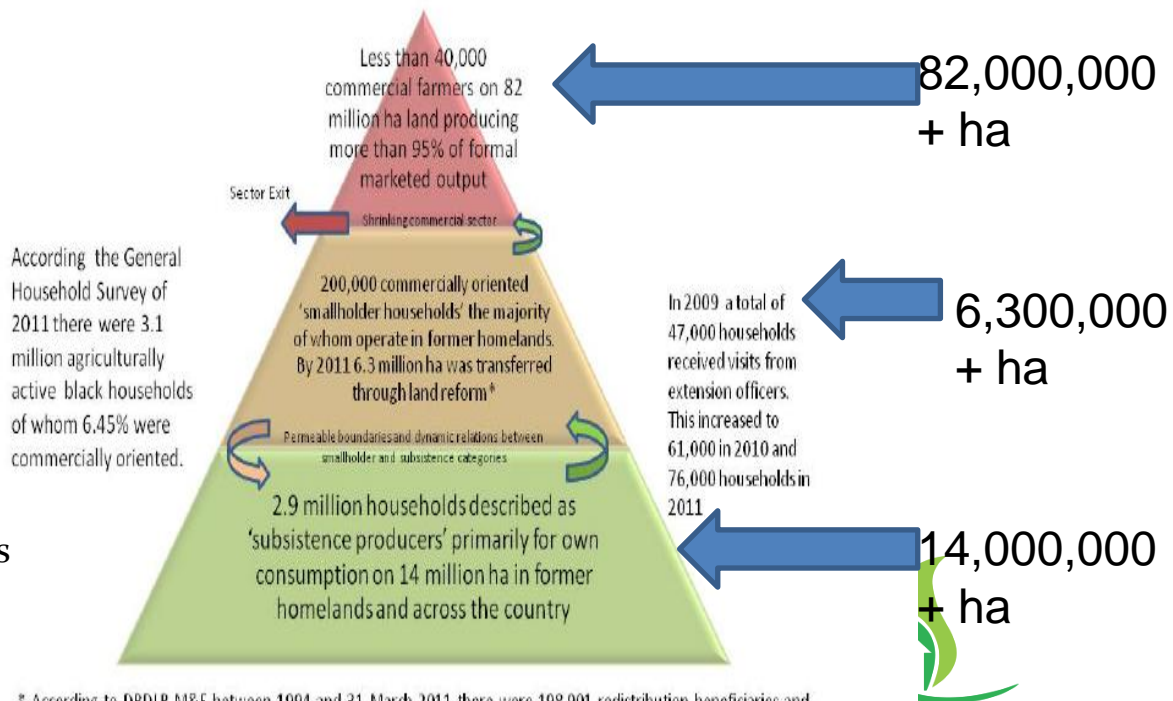


Figure 1. Location of the project area. The black boundary denotes the project area within the Mquma Municipality of Amathole District.

Economic Challenges

1. No access to finance
2. Most land owners are not educated
3. Too much Land but NO Farming skills (where to start ?)
4. All Wish to reduce greenhouse gases
5. No or little access to Technology tools
6. Management skills mostly non existent
7. No monitoring tools implemented
8. Expensive AGRI consultants
9. No BUDGET to employ Agri Professionals

The structure of South African agriculture



* According to DRDLR M&E between 1994 and 31 March 2011 there were 198,901 redistribution beneficiaries and 1,645,898 restitution beneficiaries in 337,000 households. Some restitution beneficiaries received financial compensation and not land. Overall no reliable data currently exists to determine how many beneficiaries/households are active on land transferred through the land reform programme.

Q

WHY DIGITIZE?

A

ACCESS

to 5G, Ai, 4iR technologies and tools

to markets

to skills and resources

to finance

to agri and agro value chain by rural poor communities



Smart Rural Development
Transitioning and Providing Access To Rural Communities

Digitization and Digitilization for Carbon Farming

