



Empowering Farmer Support and Agricultural Insights through ArcGIS in Limpopo

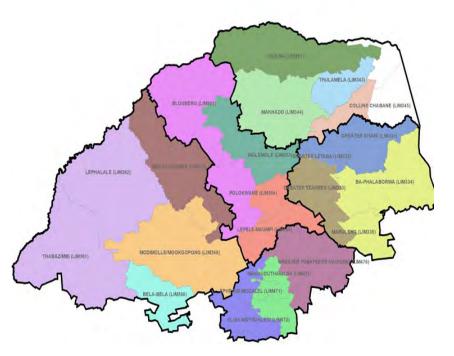


Makopoi Nkopane Director: Agriculture Geo-spatial Information Service



DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

Departmental Strategic Priorities 2020/21 – 2024/25





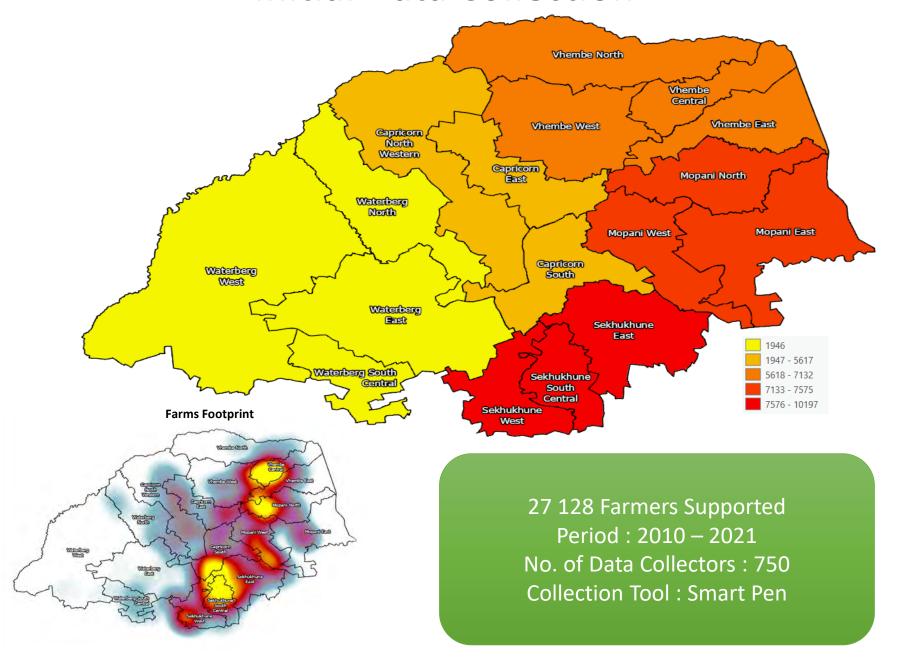
Service Delivery Model

- Improve service delivery with consideration of limited resources;
- Reduce compensation of employees;
- Provide systematic approach in resource allocation;
- Streamline service delivery systems;
- Ease administration and management

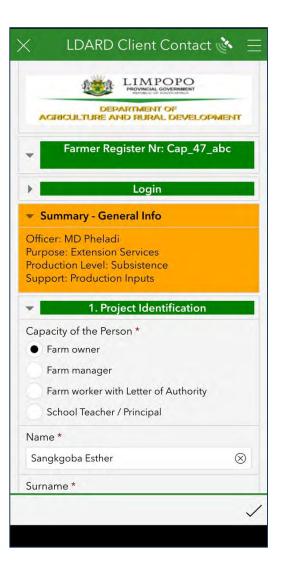
Outcomes

- Increased participation of black producers in the integrated value chain
- Increased primary production
- Increased youth support interventions to contribute towards reduction of youth unemployment

Initial Data Collection

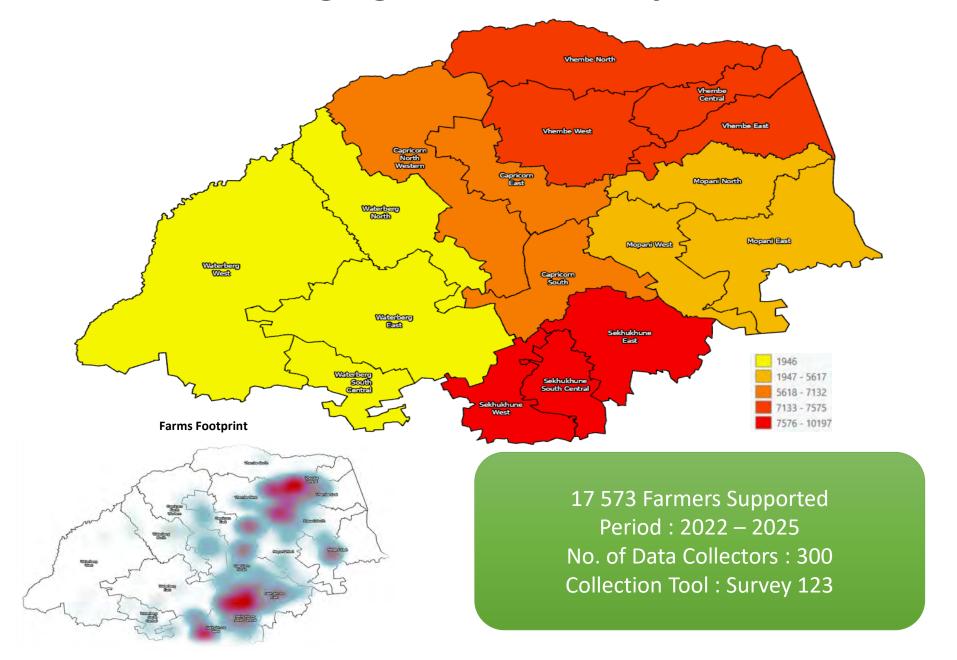


Citizen-centric Approach



- Farmer Register as a single source of truth for farmer data
- Digital inclusion via mobile data collection (Survey123)
- Farmers co-sign digital forms (validation of services)
- Feedback loops (dashboards, consultations)
- Transparent and standardised support allocation via Farmer Support Policy

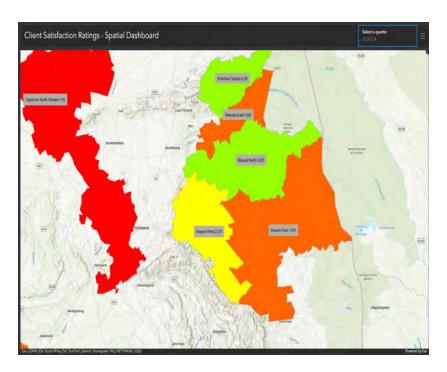
Leveraging ArcGIS - Survey123

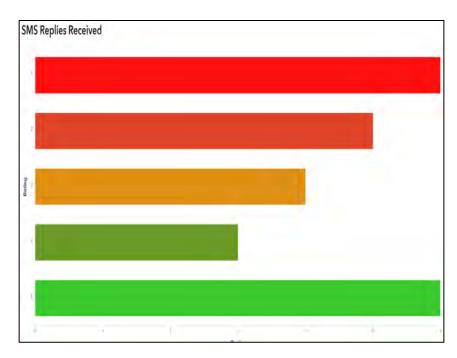


ArcGIS Technology as an enabler

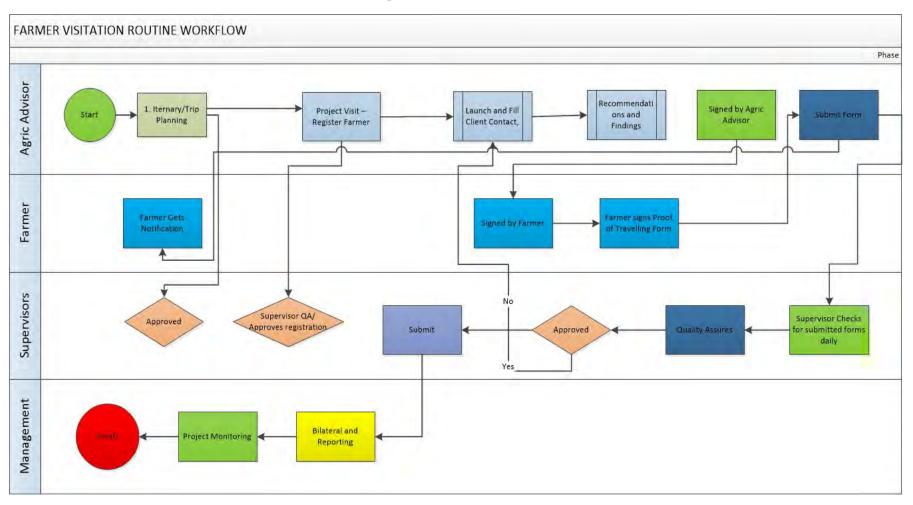
- Survey123: Mobile, offline data collection, GPS-enabled
- ArcGIS Dashboards: Real-time service monitoring
- Integration of services and support: Farmer Register + Client Contact + LandCare + Agribusiness workflows

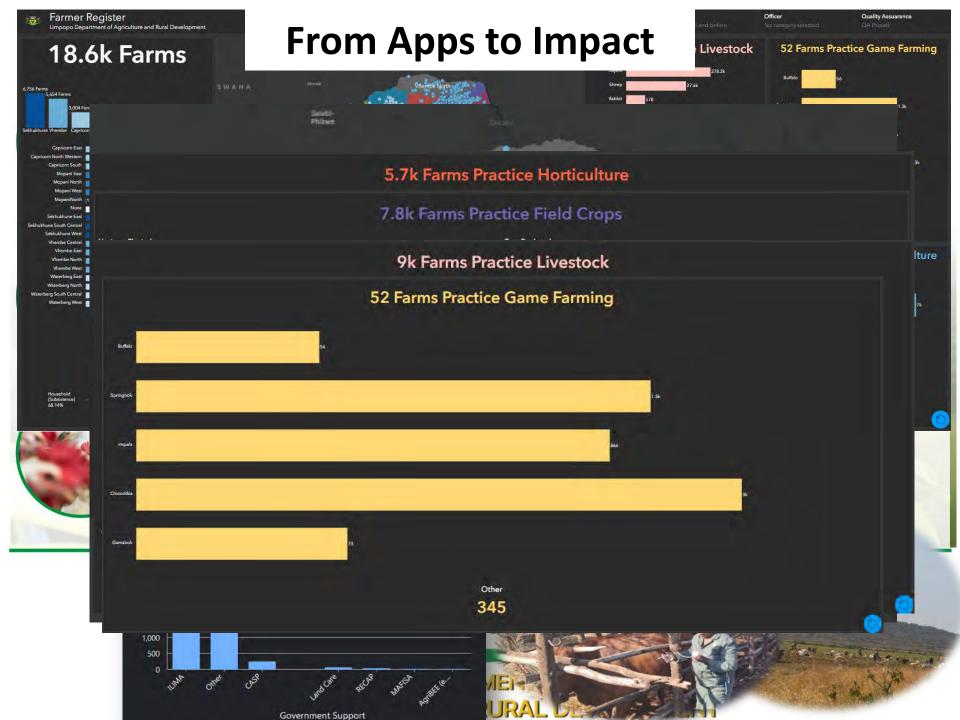
Client Satisfaction Survey





Integrated Workflow





Outcomes Achieved



- Improved accuracy, reliability, completeness of farmer data
- Over 18 000 farmer records validated
- Faster turnaround time for support, less duplication of services
- Strengthened trust between citizens and LDARD

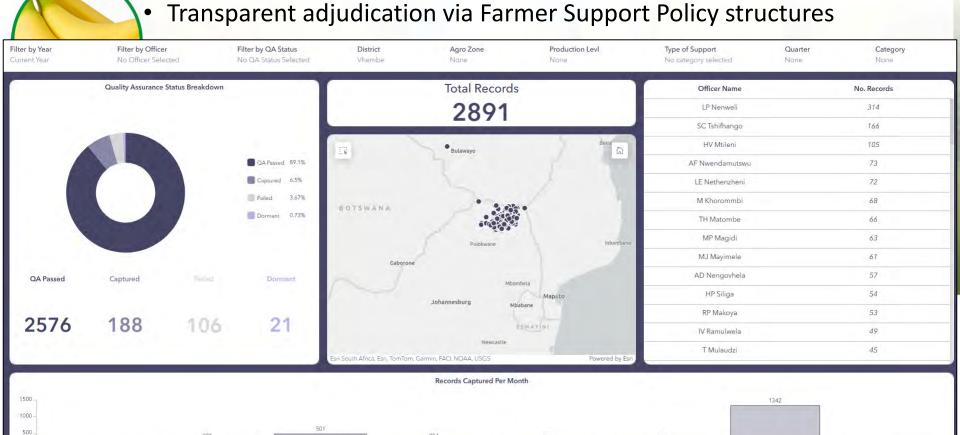


Performance Dashboard

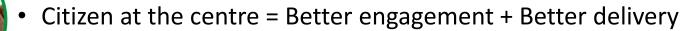


Governance and Accountability

- - POPIA compliance: Secure data, role-based access
 - Audit-ready reporting embedded in workflows



Conclusion



• Geospatial tools = Transparency + Accountability + Empowerment

Together we grow communities, food security, and trust



