SESSION 3: Agricultural Technology for Resilience: Governance Framework and Practice

2023 Regional Climate Smart Agriculture Policy Dialogue
Transitioning to climate-resilient farming systems in Sub-Saharan Africa

March 13-15, 2023 | University of Pretoria, Future Africa Campus | South Africa

Sub-theme: Big Data, Standardisation and Benchmarking

Based on cloud-software aiding emerging farmers in the South African Wine Industry
Industry alignment to help measure and benchmark

Data Standards
Process Standards
Common Language

Industry

Region

Community
Producer

Community
Producer

Region

Community
Producer

Community
Producer

Producer

Producer

Producer

Producer
Measuring and managing return on investment (ROI)

- **measure assets**
  - block data
  - implements

- **measure investment**
  - costs
  - advice / services
  - stock
  - time

- **measure results**
  - production data
  - income data
Cloud solutions, multi-device
common language
accessible
measurable
integrated
big data
Farm Management System (Pty) Ltd

- an information technology company
- builds and supports specialized cloud-based solutions for the agricultural industry.
- WineMS, flagship product, is specialised winery management software that hosts 73% of all winery production data (real-time, operational, benchmarked data)
- FarmMS - is ideal to manage block details, production, activities, spray programs, analysis and vineyard planning.
- Other solutions include JuiceMS, OliveMS and CiderMS.