

ME-CASS: Cassava Seed Monitoring System

Making Cassava Seed Systems Work Better

ME-CASS is a digital system that helps development agencies track cassava seed systems across regions. It improves data on seed flows, quality, and adoption, supports better targeting of resources, and strengthens coordination among partners for more effective and scalable interventions.



Commodities

Cassava

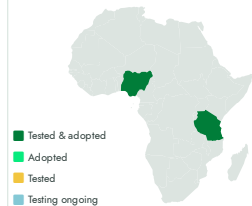
Sustainable Development Goals



Categories

Production, Market, Pre-production,
Digital applications,
Advisory and information service,
Crop management, + 0 more

Tested/adopted in



Target groups

Breeders, Governments, Seed companies,
Researcher center, Seed Regulators

This technology is **pre-validated**.

7.3



Scaling readiness: idea maturity
7/9; level of use 3/9

Gender assessment

4

Climate impact

Problem

- Projects lack reliable data to verify seed adoption or impact on beneficiaries.
- Fragmented systems make coordination between governments, donors, and implementers difficult.
- Limited ability to assess whether investments in EGS and seed markets are delivering results.

Solution

- ME-CASS enables tracking of improved varieties to end users for accurate reporting.
- It provides a shared platform for real-time collaboration and data sharing.
- The system tracks variety turnover, EGS productivity, and market performance to guide scaling strategies.

Key points to design your program

Development partners can use ME-CASS to strengthen seed system monitoring and improve coordination across actors. To design an effective project:

- **Work with national systems** to ensure alignment and ownership.
- **Support a trained core team** to manage data and reporting.
- **Agree on key indicators** to track seed flows, variety adoption, and producer performance.
- **Use ME-CASS as a shared platform** for real-time coordination among partners.
- **Start with a pilot, then scale** based on lessons learned.
- **Link ME-CASS to your M&E system** for better reporting and adaptive management.
- **Ensure long-term sustainability** by planning institutional handover from the start.



Open source / open access



ME-CASS

<https://taat.africa/nfk>

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