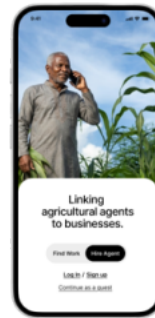


AgentBI: Digital field agent management platform

The missing layer in last-mile delivery, built for field agents, designed for the system

AgentBI is a modular digital platform integrating agent assessment, differentiated training, field activity monitoring, incentive management and professional development. It provides a structured system for managing agent assignments, supervision and service delivery across rural areas. Its components can be deployed through the complete AgentBI platform or incorporated into existing extension and public service management systems.



Alliance Bioversity-CIAT
Millicent Omala, PhD

Commodities

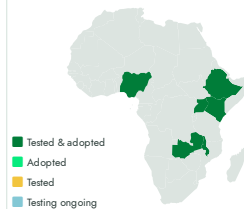
Sustainable Development Goals



Categories

Production, Marketing, Pre-production,
Digital applications,
Supply chain management,
Advisory and information service, + 1 more

Tested/adopted in



Target groups

Development institutions, Governments,
Processors, Seed companies,
Researcher center,
Advisory and Extension Services, + 1 more



This technology is **pre-validated**.

9.8



Scaling readiness: idea maturity 9/9; level of use 8/9

Inclusion assessment

12

12

STOP 12

Climate impact

2

Problem

- **Fragmented coordination:** Complicates the management of agricultural extension agents.
- **Limited operational visibility:** Restricts monitoring of field activities and service delivery gaps.
- **Uneven competencies:** Affect the consistency of agricultural extension services.
- **Weak agent retention:** Disrupts continuity in extension networks.
- **Uneven rural coverage:** Limits regular access to agricultural services in underserved areas.

Solution

- **Digital agent coordination:** Structures agent assignments and supervision.
- **Performance dashboards:** Improve monitoring of field activities and service gaps.
- **Differentiated training:** Aligns agent competencies with extension responsibilities.
- **Career development mechanisms:** Support agent engagement and retention.
- **Coordinated deployment:** Supports more consistent agricultural service delivery across target areas.

Key points to design your project

AgentBI strengthens agricultural extension and rural service delivery through improved field-agent management.

For effective integration into agricultural development projects:

- Prioritize underserved areas and poorly coordinated agent networks.
- Deploy AgentBI as a complete platform or integrate selected modules into existing systems.
- Provide agent training, supervision and technical support.
- Monitor agent performance, retention and service coverage.
- Plan for long-term financing and institutional management.



Open source / open access



AgentBI

<https://taat.africa/akc>

Last updated on Oct 30, 2026 printed on Oct 30, 2026

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