

TAAT: Innovations & Partnerships for Resilient Food Systems

Highlights

- 🌾Increased Agricultural Productivity: Contributed to a 69% average yield increase across crops.
- 🤝 Robust Partnerships: Over 300 partnerships established, revolutionising collaboration in agricultural methods and knowledge sharing.
- 🌍Broad Reach: Over 25 million farmers reached, enhancing agricultural activity across 35.5 million hectares of cultivated land.
- 🌱Sustainable Practices: Focus on climate-smart technologies that produce environmentally friendly outcomes and promote sustainable growth.
- 💰Significant Economic Impact: Generated USD 14.7 billion worth of food and a cumulative value addition of over USD 4 billion.



Key Specific TAAT Achievements

TAAT recorded unprecedented increases in agricultural Productivity and scale-up in Wheat, Maize, Cassava, Rice, Fish, High-Iron Beans, Sorghum, and Millet, as well as Orange-fleshed Sweet Potatoes and Livestock. For instance, wheat yields doubled in several countries (Sudan, Ethiopia and Nigeria), and cassava production surged significantly. Additionally, TAAT has produced millions of metric tons of food and generated substantial agricultural value.

Robust Partnership for Agricultural Development

TAAT has established extensive multi-stakeholder partnerships, increasing collaboration among over 300 entities to enhance agricultural productivity in Africa, moving past previous siloed approaches in the agricultural sector.

Effective in Improving Agricultural Technologies Scaling

TAAT has demonstrated that agricultural productivity can be significantly improved in Africa through the application of proven technologies and innovations, paving the way for a sustainable approach to agricultural development and trade.

Eliciting Commitment to Investing in Modern Agriculture

Governments are responding positively to TAAT's initiatives, aligning their policies to ensure greater investments in agricultural technologies that benefit productivity and sustainability.

Close Collaboration Between Researchers and National Governments

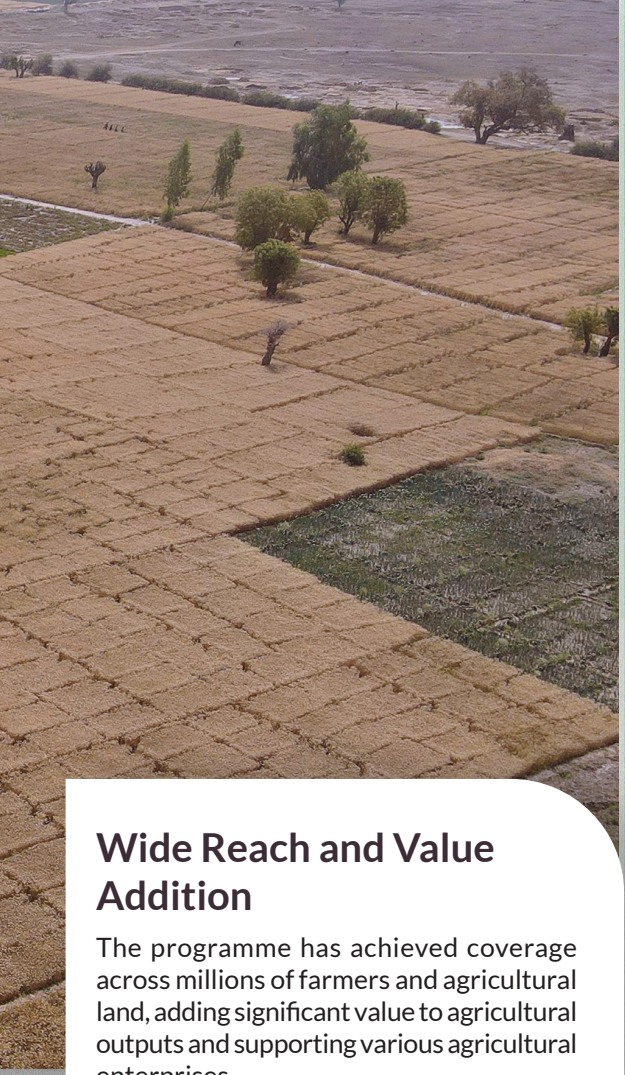
Through TAAT, the collaboration between researchers and national governments is strengthened, enabling the integration of effective agricultural innovations into national investment plans.

Enhances the Success of Projects for AfDB's RMCs

TAAT supports project success for Regional Member Countries (RMCs) by facilitating effective technology deployment and improving project outcomes under the AfDB's Feed Africa Strategy.

Coalition of Financiers for Agricultural Development

TAAT's strategic importance has attracted investments from various entities beyond the AfDB, facilitating the funding necessary for executing agricultural initiatives.



Wide Reach and Value Addition

The programme has achieved coverage across millions of farmers and agricultural land, adding significant value to agricultural outputs and supporting various agricultural enterprises.

Strengthening Agricultural Policies and Institutions

TAAT has identified and addressed numerous policy gaps while promoting effective agricultural policies necessary for sustainable development and enabling environmental action.

Promoting Technology Deployment

The TAAT Programme successfully deployed numerous technologies tailored to specific agro-ecological zones, significantly increasing the number of farmers who adopted improved technologies.

Advancing Genetic Innovations

Numerous genetic advancements for crops and livestock have been scaled through TAAT, supporting improved agricultural performance and nutritional security.

Positive Environmental Footprints

TAAT activities have led to notable environmental benefits, including carbon offsets, aligning agricultural practices with climate resilience goals.

Technology Vetting

TAAT has gathered, profiled, and validated 179 technologies to date. e-catalogs that showcase profiles of these technologies have been developed by the TAAT Clearinghouse (https://e-catalogs.taat-africa.org). Designed for three key audiences —decision-makers in governments, the private sector, and development partners —the e-catalogs enhance the brokerage of TAAT technologies to decision-makers, empowering them to select the most appropriate technology.

Private Sector Engagement

Active participation from the private sector has facilitated the adoption of improved technologies, showcasing the program's effectiveness in fostering collaborations that scale innovations.

Agribusiness and Job Creation

TAAT has successfully engaged many agribusiness entrepreneurs and conducted extensive training programmes to promote agricultural development and increase employment opportunities.

Capacity Building and Training

Significant training initiatives under TAAT have equipped farmers and agricultural workers with vital skills, thereby enhancing their operational capacity in the agribusiness sector.

Facilitating Emergency Responses

The program has effectively managed emergency responses under the African Emergency Food Production Facility to alleviate food insecurity challenges faced during crises.

Sustainable Seed Systems across Africa

TAAT and Its Partners, in collaboration with the Ministries of Agriculture in Sierra Leone, Liberia, Cameroon, Benin, Côte d'Ivoire, Cameroon, Kenya, and Guinea, held seed business summits that resulted in the development of seed roadmaps aligned with the respective country's strategies and priorities.

Multi-Angle Analysis

The TAAT program can be assessed through various lenses:

- Economic Impact: The substantial economic benefits derived from increased agricultural output underscore the potential for poverty alleviation and enhanced food security.
- Social Dynamics: The program catalyzes employment and empowers farmers, promoting social equity in agricultural development.
- Technological Advancement: The strategic partnerships with research institutions stimulate innovation, critical for addressing Africa's unique agricultural challenges.
- Environmental Sustainability: TAAT's initiatives balance agricultural productivity with environmental stewardship, crucial for climate resilience.

Key Insights

- The TAAT programme exemplifies a successful model for agricultural transformation, emphasising sustainability and technology in addressing food security challenges in Africa.
- Effective partnerships have been crucial in achieving the level of outreach and impact observed in the programme, indicating the need for collaborative approaches in future agricultural initiatives.
- The increased government commitment to modern agricultural practices demonstrates a shift in policy paradigms, essential for long-term agricultural sustainability.

- TAAT's contribution to enhancing food production and farmer incomes through targeted technologies and training indicates the potential for replicating such models in similar contexts globally.
- Key Performance Indicators (Summary)

INDICATOR	*TARGET*	*ACHIEVED*	*PROGRESS*
Farmers reached	40 million	24.9 million	62%
Food produced (metric ton)	62 million+	Achieved	100%+
Policies adopted/revised	15	29	193%
Private sector leverage (USD)	4.82 million	8.21 million	170%
Value addition (USD)	4.55 billion	4.09 billion	90%

Looking ahead

The TAAT programme has made remarkable strides in transforming the African agricultural landscape by scaling improved technologies, fostering strategic partnerships, and addressing food security in a sustainable manner. With its innovative model and commitment to capacity building and environmental stewardship, TAAT is poised to continue making significant impacts, setting a precedent for future agricultural initiatives across the continent. As it prepares for the next phase, the lessons learned and the achievements thus far will guide efforts to further integrate technology and sustainability into Africa's agricultural framework.

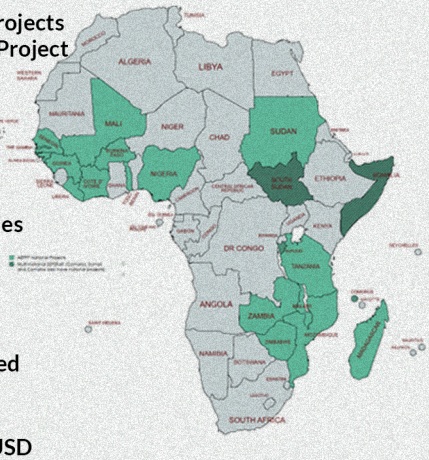
Major Africa-wide Large-scale Investments influenced by TAAT

20 national projects & 1 Regional Project

24 countries

71 technologies integrated

857 million USD influenced



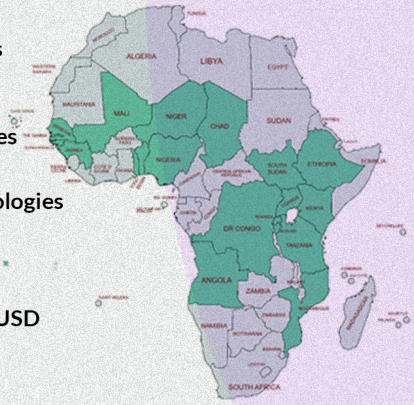
4.13 million USD mobilized for compacts' technical assistance

18 projects

20 countries

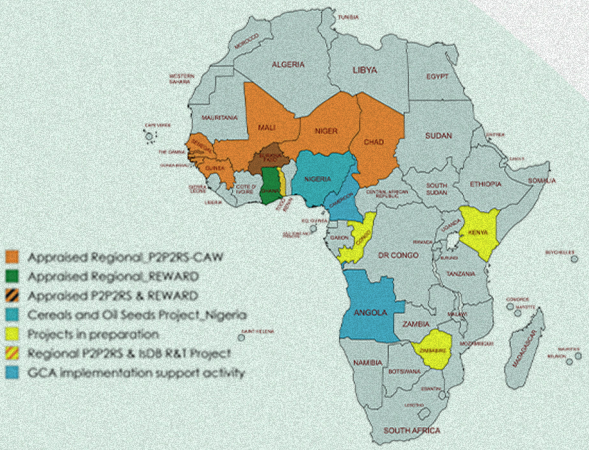
136 technologies integrated

1.7 billion USD influenced



12.6 million USD mobilized for compacts' technical assistance

TAAT's Engagement with National and Regional Decision-makers during design of AfDB and IsDB financed projects (Nov 2024 – to date)



2 Regional projects (at appraisal)

1 national projects (at appraisal)

4 national projects (in preparation)

Implementation support design for 2 projects with GCA

16 countries

833.3 million USD influenced

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