



CGIAR
SCALING FOR
IMPACT



Achievements at a Glance

- ✓ 15,853 rice producers digitally registered
- ✓ 3,678 rice plots mapped and geolocated
- ✓ 12,200 hectares digitally tracked
- ✓ 31 seed and grain SMEs integrated into digital management systems
- ✓ 17,000+ tonnes of certified seed traced
- ✓ 817+ climate and advisory SMS messages delivered in one month

**eProd: How TAAT
is Digitising
Africa's Rice Seed
Systems for Scale,
Traceability and
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Transforming Seed Systems Through Digital Innovation

The Technologies for African Agricultural Transformation (TAAT) programme, through the AfricaRice-led Rice Compact, is transforming Africa's rice seed systems through eProd, a digital platform that enhances seed traceability, farmer registration, advisory services, and data-driven decision-making.

Previously constrained by fragmented paper-based systems and limited visibility across seed value chains, seven African countries are now benefiting from a modern digital infrastructure that supports the scaling of climate-smart rice technologies.

Transforming the Rice Value Chain

eProd enables real-time tracking of seed production and distribution, GPS validation of demonstration plots, faster

reporting, and improved compliance with seed certification standards. Farmers receive targeted climate-smart advisories, while youth and women benefit from new digital employment and enterprise opportunities.

Lasting Impact

By strengthening traceability, accountability and service delivery, eProd has evolved from a pilot initiative into a critical digital infrastructure for Africa's rice sector. The platform is now being positioned for integration into national extension systems, seed councils and digital agriculture strategies, ensuring sustainable and resilient seed systems for the future.

TAAT is proving that digital innovation is essential for scaling climate-smart technologies and transforming Africa's agricultural systems.



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