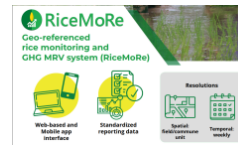


RiceMoRe: Digital rice activity monitoring and reporting system

A digital solution for monitoring and reporting rice activities

RiceMoRe standardizes and georeferences rice production data across intervention areas. It supports regular monitoring of production progress and farming practices, spatial visualization, analysis, and reporting, with field-level activity data connected via API to the SECTOR GHG Calculator for greenhouse gas emission estimation.



Commodities

Rice

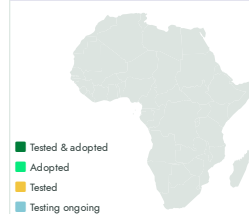
Sustainable Development Goals



Categories

Production, Digital applications, Crop management

Tested/adopted in



Target groups

Farmers, Governments, Advisory and Extension Services, Cooperatives and Agribusinesses

This technology is **pre-validated**.

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

Inclusion assessment



Climate impact



Problem

- **Baseline Data Gaps:** Non-standardized field data constrain reliable baselines across intervention areas.
- **Monitoring Workload:** Manual data collection and reporting make regular monitoring resource-intensive.
- **Practice Tracking Gaps:** Limited traceable and georeferenced data constrain practice and progress monitoring.
- **Climate Data Gaps:** Limited farm activity data constrain greenhouse gas estimation and mitigation monitoring.

Solution

- **Reliable Baselines:** Standardizes georeferenced field data across intervention areas.
- **Streamlined Monitoring:** Digital collection and aggregation simplify regular project monitoring.
- **Practice Tracking:** Maps practices and compares progress against programme targets.
- **Climate Monitoring:** Connects activity data to **SECTOR** for greenhouse gas estimation and mitigation monitoring.

Key points to design your program

RiceMoRe can support sustainable rice, climate-smart agriculture, climate mitigation, and digital monitoring programmes requiring reliable field-level data.

- Configure forms, indicators, benchmarks, reporting levels, and validation processes around programme needs.
- Use standardized, georeferenced data for baselines, practice monitoring, spatial tracking, and results reporting.
- Connect farm activity data to SECTOR where greenhouse gas emission estimation and mitigation monitoring are required.
- Budget for training, hosting, data management, equipment/connectivity, and technical support; no software licensing fees apply.
- Build partnerships with IRRI, government institutions, extension services, and farmer organizations.
- Plan institutional ownership, maintenance responsibilities, and financing beyond programme funding.

2018–2024 Timeline

Co-created, tested, and implemented in Vietnam

2020–2021 Timeline

Initial piloting in Can Tho province



Open source / open access



RiceMoRe

<https://taat.africa/qdm>

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