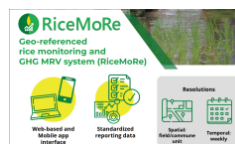


RiceMoRe: Digital rice activity monitoring and reporting system

A digital solution for monitoring and reporting rice activities

RiceMoRe standardizes and consolidates georeferenced rice production data across farmers and production units. It supports monitoring and comparison of farming practices and performance, spatial visualization, and reporting. Field-level activity data can also be 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**.

8-9



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

2018–2024 Timeline

Co-created, tested, and implemented
in Vietnam

2020–2021 Timeline

Initial piloting in Can Tho province



Open source / open access

Problem

- **Data Fragmentation:** Non-standardized rice data complicate management across production networks.
- **Monitoring Workload:** Manual data collection and compilation make regular production monitoring time-consuming.
- **Traceability Gaps:** Limited georeferenced data constrain practice tracking, benchmarking, and traceability.
- **Emission Data Gaps:** Limited farm activity data constrain greenhouse gas estimation and low-emission rice monitoring.

Solution

- **Standardized Data:** Consolidates standardized rice data across farmers and production units.
- **Streamlined Monitoring:** Digital collection and automatic aggregation simplify production monitoring.
- **Practice Traceability:** Georeferenced data and benchmarks support practice tracking and performance comparison.
- **Emission Estimation:** Connects farm activity data to **SECTOR** for greenhouse gas estimation and low-emission rice monitoring.

Key points to design your business plan

RiceMoRe supports rice farmers, cooperatives, and companies that need structured data for monitoring production networks.

- Consolidate and map farmer and production-unit data and compare practices and performance against predefined criteria.
- No software licensing fees apply; contact IRRI for access and system configuration.
- Plan forms and indicators, data storage, user onboarding, and responsibilities for data management and validation.
- For emission monitoring, connect RiceMoRe activity data to the SECTOR GHG Calculator.

Inclusion assessment

8

8

11

Climate impact

5

1



RiceMoRe

<https://taat.africa/uen>

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