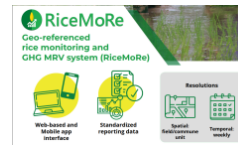


RiceMoRe: Digital rice activity monitoring and reporting system

A digital solution for monitoring and reporting rice activities

RiceMoRe digitizes and standardizes rice production reporting across existing administrative levels. It supports regular data collection, validation and aggregation from local to national levels, spatial visualization of rice production activities, and connection via API to the SECTOR GHG Calculator for greenhouse gas emission estimation.



 This technology is **pre-validated**.

 **8-9**

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

Inclusion assessment
 **8**
 **8**
 **11**

Climate impact
 **5**
 **1**

Problem

- **Data Inconsistency:** Non-standardized reporting reduces the reliability of consolidated rice production data.
- **Reporting Delays:** Manual compilation limits timely information for monitoring and decisions.
- **Traceability & Spatial Gaps:** Limited synchronized and georeferenced data constrain local traceability and spatial planning.
- **Emission Monitoring Gaps:** Limited activity data constrain greenhouse gas estimation and mitigation monitoring.

Solution

- **Standardized Reporting:** Improves consistency of rice data across administrative levels.
- **Automated Data Flows:** Streamlines validation and aggregation from local to national levels.
- **Spatial Traceability:** Links local records with georeferenced maps for production monitoring and planning.
- **Emission Monitoring:** Connects activity data to **SECTOR** for greenhouse gas estimation and mitigation monitoring.

Key points to design your project

RiceMoRe can strengthen existing government rice monitoring and reporting systems from local to national levels.

- Integrate standardized digital reporting into existing administrative lines.
- Use validated, georeferenced data to improve traceability, reduce compilation time, and support timely planning.
- Connect farm activity data to SECTOR where greenhouse gas emission estimation and national climate reporting are required.
- Plan training, hosting, data management, technical support, and clear institutional responsibilities.
- Ensure long-term operation through institutional ownership and resources for system maintenance and support.

Commodities

Rice

Sustainable Development Goals

 **2** ZERO HUNGER

 **9** INDUSTRY, INNOVATION AND INFRASTRUCTURE

 **12** RESPONSIBLE CONSUMPTION AND PRODUCTION

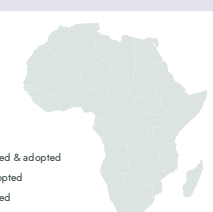
 **13** CLIMATE ACTION

 **17** PARTNERSHIPS FOR THE GOALS

Categories

Production, Digital applications, Crop management

Tested/adopted in



 Tested & adopted
 Adopted
 Tested
 Testing ongoing

Target groups

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

2018–2024 Timeline
 Co-created, tested, and implemented in Vietnam

2020–2021 Timeline
 Initial piloting in Can Tho province

 **IP**
 Open source / open access



RiceMoRe

<https://taat.africa/uln>

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