



CONCEPT PAPER FOR
FARMERS RESOURCE MANAGEMENT SYSTEM (FRMS)



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who we are..

Farma Solutions is a technology company focused on developing agriculture technology solutions that harness resources to develop competitive, scalable and efficient agriculture value chains.



the problem..

- Organisations and stakeholders have no real time visibility of agriculture input and output activity hindering timely policy change and adjustments.
- The current lack of a central farmers database leads to fraud, losses and lack of accountability within the agriculture value chain creating a strain on resources thus adversely affecting Return on Investment for all stakeholders.
- Inefficient inventory distribution and management which leads to unquantified resource allocation, input distribution and a lack of micro measurable results on each farmer



our solution

- The FRMS solution enables all stakeholders to have real time visibility of input inventory, allocation and output performance enabling timely policy change and adjustment.
- The FRMS mPOS solution in the hands of field officers enables the timely, secure registration and KYC data collection of all farmers registered under a designated program.
- By utilising The Farmer mPOS Solution inventory management module. The agriculture organization sponsoring can manage stock levels, distribute and manage allocation of agriculture inputs while providing real time reports and monitoring.



our technology..

The FRMS solution enables governments, donors and their stakeholders to rapidly deploy an mPOS delivering Inventory Management, KYC, Performance Monitoring and revenue collection solution utilising field officers or similar personnel within local farming communities.



we enable..

FARMER REGISTRATION & KYC

Our platform enables program sponsors and its stakeholders to register farmers of all sizes and collect KYC data via an mPOS utilised by field or extension officers creating an accessible central database.

INVENTORY DISTRIBUTION & MANAGEMENT

Our platform enable program sponsors and its stakeholders to effectively distribute farming input inventory and efficiently manage distribution while maintaining real-time oversight on stock levels, allocations and impact.

REAL-TIME REPORTING & MONITORING

Our platform enable real-time reporting and monitoring of all aspects of any input distribution and output data to program sponsors and all its stakeholders within the value chain allowing for better strategic and policy decisioning.

everyone connected..



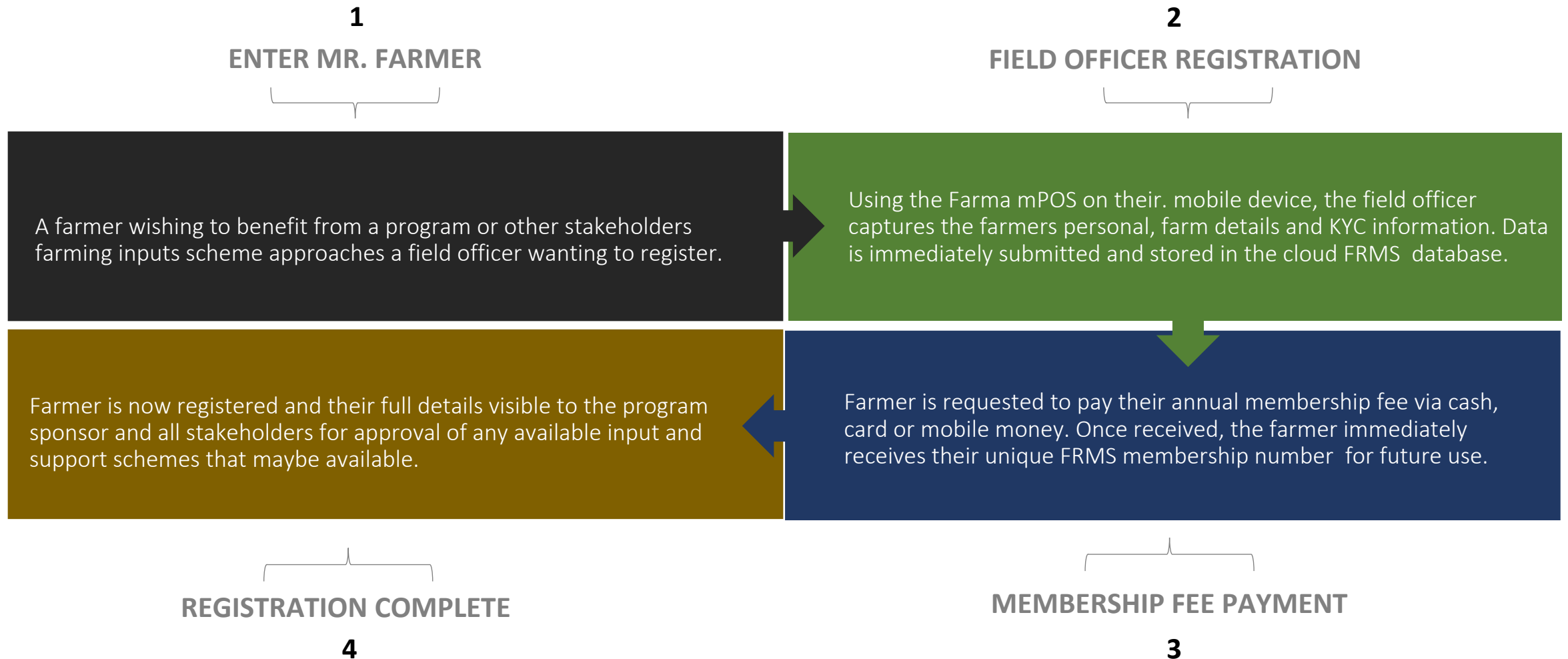


for farmer registration..



how it works..

This is a use case flow of a farmer registering onto the FRMS system via a field officer.

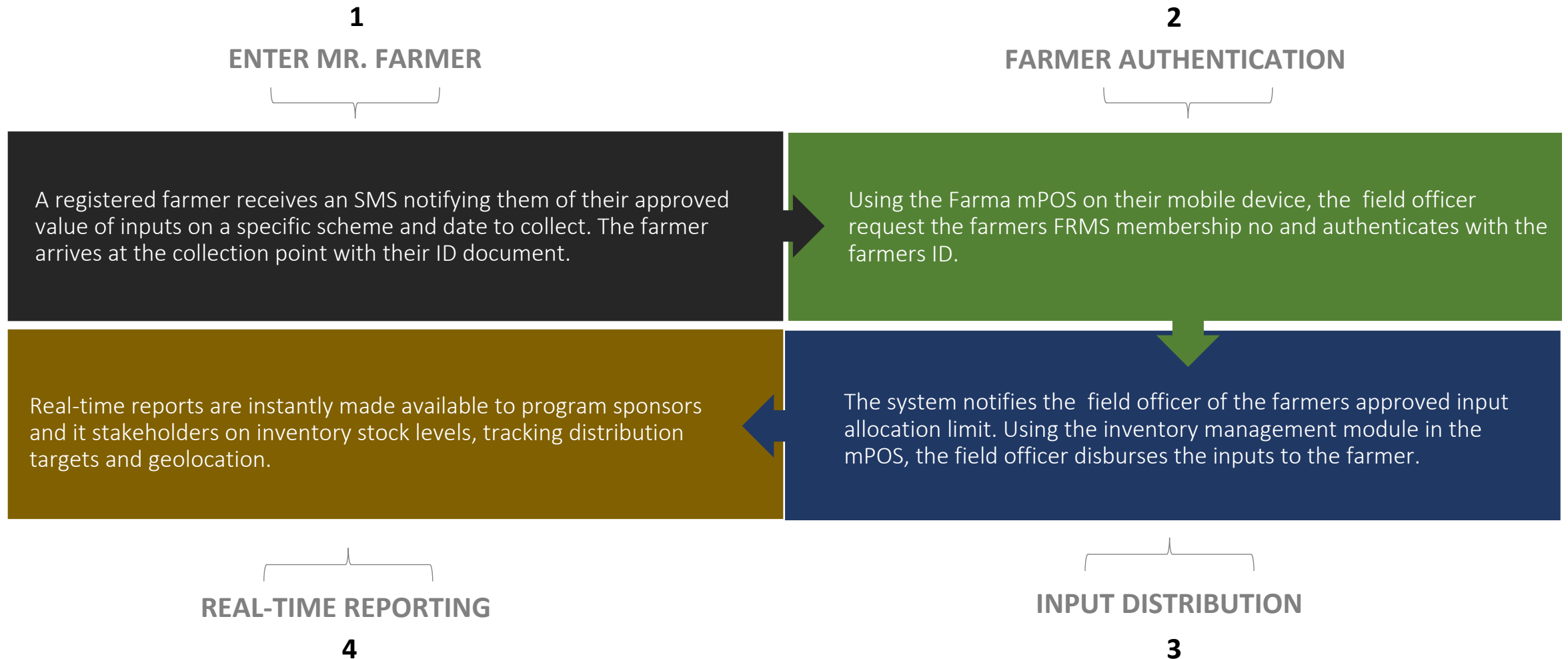




for inventory distribution.

how it works..

This is a use case flow of a farmer accessing inputs at a local collection point..



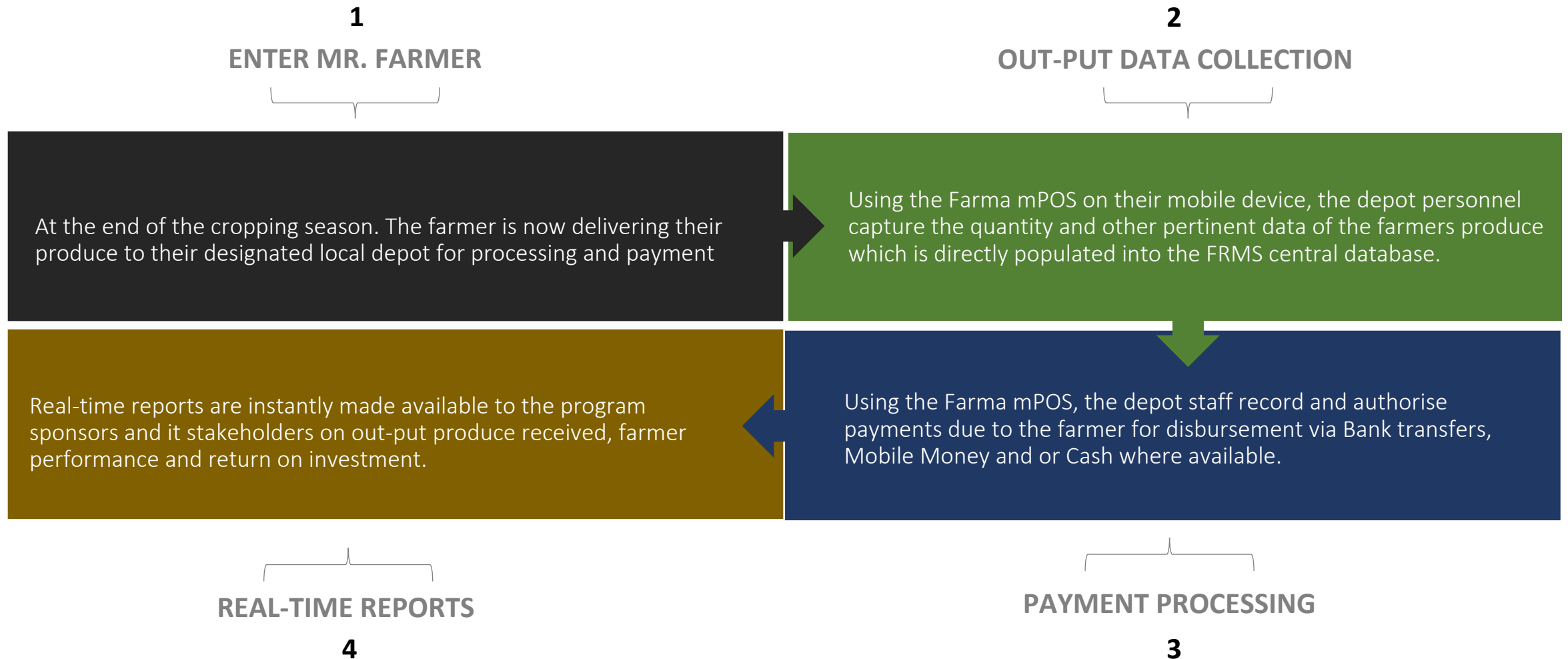


for output processing.



how it works..

This is a use case flow of a farmer delivering their farming produce to designated market.





what it cost..

ACTIVE FIELD OFFICER

PER MONTH

US\$45.00

ACTIVE FIELD OFFICER

PER QUARTER

US\$121.50

ACTIVE FIELD OFFICER

PER ANNUM

US\$486.00



benefits...

- **Increased agricultural production**
Farmers benefit from the availability of inputs on time which directly impacts planning and production.
- **Improved capacity for planning**
Because FRMS provides government with real time information on aspects concerning the agricultural cycle, the technology increases capacity for more effective planning, monitoring and evaluation.
- **Improved efficiency for Program Sponsor**
Availability of real-time information on input and output trends helps GoZ and program sponsors to make well informed financial decisions.
- **Provision of early warning systems** FRMS helps in protecting investments through early warning systems against factors such as supply chain bottlenecks which can adversely affect production output.
- **Central Farmers Database**
FRMS facilitates targeted approach to launch various agriculture programs by providing big data of farmers so as to allocate resources efficiently to the designated program and avoid duplication of resource allocation.