

WE4F TA-L20 Digitization of Logistics System for NatAgri

1. Regarding operational flow management, does the logistics module focus solely on warehouse flow management, or does it also encompass the planning and execution of production activities?

Regarding the operational flow management, it is divided into three phases of actions:

1. Warehouse activities and stock management: it includes all the necessary implementations to manage the inventory in an intelligent and easy way, from inputs to outputs, delivery, records, inventory etc.
2. PHU activities (Post harvest activities): it includes all the necessary work to support and manage the flow of the product from farmers, the quality control procedures, the application of the different procedures and processes, the integration of the other stock items from the warehouses, production and packaging activities, waste management, cost control, workers flow and efficiency etc.
3. The production activities happening in the field includes irrigation, fertilization, treatment, mechanization and labor activities.

A written information system is already in place and well implemented. The role of this intervention is to translate all the paperwork to an executive digitalized system.

2. Are there specific functionalities planned for production planning, resource allocation, and production activity monitoring?

All the data is already integrated manually to the SAP system. Production planning, resource allocation and production monitoring must be a part of the reporting system in order to valorize the digitalization monitoring process.

3. Does NATAGRI wish for the logistics module to include tools for production activity scheduling, such as defining production orders, scheduling tasks, and managing the human and material resources involved?

Including new tools for the production activity scheduling, such as defining production orders, scheduling tasks, and managing the human and material resources involved can be a next step if necessary.

4. Is there an expectation for integration between production management and warehouse flow management within the logistics module, or will these be treated as separate functionalities?

The SAP system is one of the most efficient but complicated ERP management systems with full integration between warehouse flow and production management. Any expertise doesn't have a previous knowledge to the SAP system will find difficulties in achieving the requested goals.

5. Is traceability of both finished products and raw materials during production required?
The implementation of the traceability system is the consequence of a write digitalization activity.
And it must be considered during the implementation process.

6. Deliverable 3 - "Develop a digital prototype for the logistics system. Link, test and fine tune the templates with the SAP ERP system "

- Is there a preferred digital tool for prototype?

Developing a prototype is a step to control and monitor the write implementation of the digitalization activities. The prototype should be done into the SAP system.

- Who is going to deploy the logistic templates on SAP?

The service provider is expected to deploy, and fine tune the final implantation in the SAP system.

- Is there an SAP authorized partner available to support on the logistics system customization and deployment?

The service provider will be fully responsible for implementing all the necessary activities. The SAP authorized partner is not available to support on the logistic system customization.

7. Which version of SAP the client/partner (Natagri) is currently using?

"SAP Business One".