

# SA-SAMS

## MODERNISATION PROJECT

Welcome to the first in a series of monthly SA-SAMS Modernisation Project Newsletters for 2021. The newsletter will serve as a communication channel for updating all Programme stakeholders on the latest developments on the SA-SAMS Modernisation Project.

Issue 1: February 2021

### WHERE ARE WE?

- The SA-SAMS Modernisation Project is in the final stages of concluding the agreement with UNESCO for OpenEMIS solution post the request by the Minister of Education to UNESCO for software and source-code in November 2020.
- Following the SA-SAMS Project Steering Committee and NECT Board approval of the UNESCO OpenEMIS solution, the revised team structure was approved and capacitating the PMO with the required resources has commenced. To date, the following resources have been onboarded:
  - Development, Integration & Deployment Lead
  - Architecture, Data Management & Testing Lead
  - Database Specialist
  - Business Analyst
  - Functional Design Business Analyst
  - Senior Project Administrator
- With the **OpenEMIS Analysis** completed in 2019, the PMO team have been working closely with UNESCO to understand the strategic roadmap of the OpenEMIS solution and are in the midst of the planning of the solution design and planning phase of the vanilla solution installation.
- For the revised approach on enhancing and developing the OpenEMIS solution, the **Business Analysis & Improvement** workstream is in the process of completing the Business Requirements Specifications, in addition to the definition of the User-flow and User personas.
- The **Development, Integration & Deployment** workstream is firming up the appointments of four (4) Software Developers and an Integration Specialist.
- The workstream is also confirming the information gathering from DBE, including external stakeholders, in mapping out the requirements for key integration points into SA-SAMS.
- The **Architecture, Data Management & Testing** workstream is finalizing the SITA's Cloud Infrastructure Specifications Requirement document. It is also reviewing the UNESCO's architecture documentation that Project will use for Infrastructure Installation.
- The workstream is also reviewing the pilot provinces' documentation and database structures to identify gaps in data.

### WHAT ARE WE PLANNING?

THE FOLLOWING ARE THE KEY MILESTONES PER WORKSTREAM FOR THE MONTH OF FEBRUARY 2021:

- 1 **Programme Management Office**
  - Sign-off of the UNESCO Appropriation Agreement
  - Solution Design Workshops
  - Detailed plans for the deliverables for Milestone 1 (Vanilla Solution) and Milestone 2 (MVP)
  - Sign-off delivery and solution acceptance criteria
- 2 **Business Analysis & Improvement**
  - Business Requirement Specification Walkthroughs
  - System Flow Walkthrough and Feedback Sessions
  - Business Processes Walkthrough refresher and signoff
  - Business Data Requirements Specification refresher and signoff
- 3 **Development, Integration & Deployment**
  - OpenEMIS software developers' training by UNESCO technical team
- 4 **Architecture, Data Management & Testing**
  - Complete SITA Cloud Infrastructure Requirement Template.
  - Develop a draft feedback view of analysed database structure for pilot provinces (Free State and North-West)
- 5 **Change Management**
  - Conduct key stakeholders focus interviews
  - Update change and stakeholder engagement strategies and plans
  - Prepare monthly update communication

### KEY DEPENDENCIES

- DBE and PEDs' officials involvement in workstreams' workshops, walkthroughs, and signoff sessions.
- Delivery of required architecture documents from UNESCO, once relevant contracts are signed and approved.

## WHAT HAS BEEN ACHIEVED?

THE FOLLOWING MILESTONES HAVE BEEN ACHIEVED TO DATE:

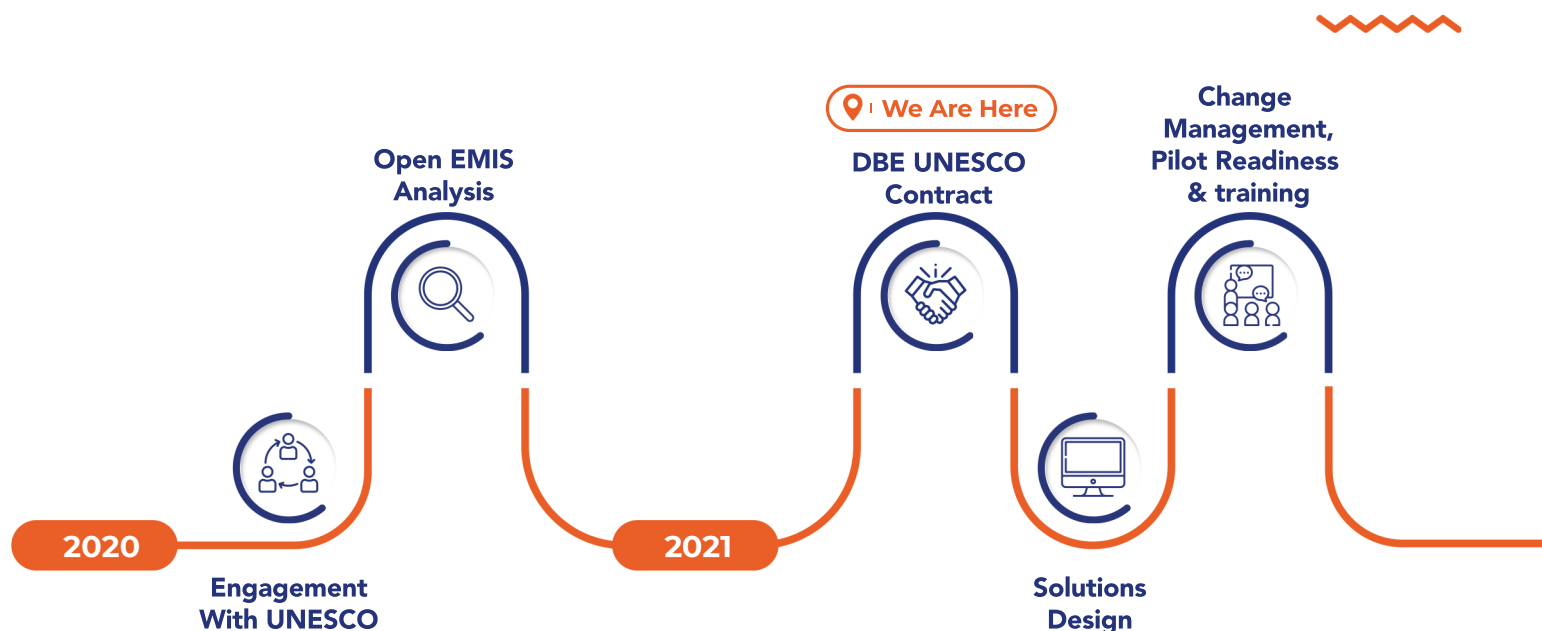
- Baseline planning for PMO and workstreams completed
- Definition and peer review of intuitive System Flows
- User Experience/User Interface Design Strategy
- Definition of the current SA-SAMS site map
- Initial key integrations workshop session completed with DBE and Integration Requirements Checklist developed and documented.
- Communication planning
- Stakeholder integration planning
- Through **FirstRand**, PMO has accepted nine (9) trainees on an internship programme. These trainees will be capacitated in the areas of **software development, business analysis, data management** and project management.

## DID YOU KNOW

### WHAT IS OPENEMIS?

- OpenEMIS, or Open Education Management Information System (EMIS), is an Education Management Information System for the education sector. Its main purpose is to collect, analyse, and report data related to the management of educational activities. Initially conceived by UNESCO, OpenEMIS serves as a response to the need in the area of tools for educational strategic planning.
- OpenEMIS is an open-source solution with a suite of interrelated software solutions that supports data collection (Survey; Classroom; Staffroom), management (Core; School; Integrator), and analysis (Visualizer; Monitoring; Dashboard; Analyzer; Data Manager; Profiles). Each application is designed to provide unique standalone features to support different information management requirements at different levels. These features could be customized and integrated with existing DBE and its integrating system.

## ROAD MAP



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