



OpenEMIS

Better data. Better education.

OpenEMIS Analyst Training Agenda

OpenEMIS “Client Name”
“DD-MMM-YYYY” – “DD-MMM-YYYY”
City, Country

Overview

The OpenEMIS initiative aims to deploy a high quality Education Management Information System (EMIS) designed to collect and report data on schools, students, teachers and staff. The system was conceived by UNESCO to be a royalty free system that can be easily customized to meet the specific needs of member countries.

Method

These guidelines outline the time frame for each session included in the training. Each training workshop is organized by sessions. Each session begins with a presentation of the key topics included in the session. The presentation session is then generally followed by a step by step hands on lab exercises session to reinforce the concepts learned during the previous session. This training workshop covers the basic concepts and features of the application. It provides hands on, step by step instructions on how to use the individual modules. The course can be customized to meet specific user requirements and priorities. On successful completion of this training course, the participants will be able to confidentially use the system

Purpose

The purpose of the mission is to build capacity by conducting an OpenEMIS Professional and OpenEMIS Administrator Training course for a total of “NN” days for “Client Name”.

Day 1 - OpenEMIS Data Warehouse and OpenEMIS DataManager

Start (09:00)

Session 1.0 – Welcome, Introductions and Orientation

Official welcome, introduction of participants and trainers, facilities orientation, agenda review

Session 1.1 – Introduction of OpenEMIS System Architecture

Introduction of OpenEMIS architecture diagram

Session 1.2 – Introduction to Indicator Data Structure (IUSATS)

Introduction of Data Warehouse Indicator Data Structure and the six components (Indicator, Unit, Subgroup, Area, Time Period, Source)

Break (10:30 – 11:00)

Session 1.3 – DataManager

Defining indicator templates

Session 1.4 – Hands-on Session

Participants will be given some practical exercises

Lunch (12:30 – 13:30)

Session 1.5 – DataManager

Defining indicator templates

Session 1.6 – Hands-on Session

Participants will be given some practical exercises

Break (15:00 – 15:30)

Session 1.7 – DataManager

Data entry and data import

Session 1.8 – Hands-on Session

Participants will be given some practical exercises

Closing Session (13h00)

Day 2 - OpenEMIS Integrator

Start (09:00)

Session 2.0 – Recap on Previous Day

Questions and comments from the previous day

Session 2.1 – Extract

Inputs and data cubes

Session 2.2 – Hands-on Session

Participants will be given some practical exercises

Break (10:30 – 11:00)

Session 2.3 – Extract

Inputs and data cubes

Session 2.4 – Hands-on Session

Participants will be given some practical exercises

Lunch (12:30 – 13:30)

Session 2.5 – Extract

Inputs and data cubes

Session 2.6 – Hands-on Session

Participants will be given some practical exercises

Break (15:00 – 15:30)

Session 2.7 – Extract

Inputs and data cubes

Session 2.8 – Hands-on Session

Participants will be given some practical exercises

Day 3 - OpenEMIS Integrator
Start (09:00)
Session 3.0 – Recap on Previous Day Questions and comments from the previous day
Session 3.1 – Transform Transformations and rules
Session 3.2 – Hands-on Session Participants will be given some practical exercises
Break (10:30 – 11:00)
Session 3.3 – Transform Transformations and rules
Session 3.4 – Hands-on Session Participants will create cubes, transformations, publish
Lunch (12:30 – 13:30)
Session 3.5 – Load Outputs and publishes
Session 3.6 – Hands-on Session Participants will create cubes, transformations, publish
Break (15:00 – 15:30)
Session 3.7 – Load Outputs and publishes
Session 3.8 – Hands-on Session Participants will create cubes, transformations, publish
Closing Session (17:00)

Day 4 - OpenEMIS Dashboard
Start (09:00)
Session 4.0 – Recap on Previous Day Questions and comments from the previous day
Session 4.1 – Datasets Participants will work on the entire data flow from defining indicators in OpenEMIS DataManager, generating indicators in OpenEMIS Integrator and designing OpenEMIS Dashboard
Session 4.2 – Hands-on Session Participants will create cubes, transformations, publish
Break (10:30 – 11:00)
Session 4.3 – Visualizations Participants will work on the entire data flow from defining indicators in OpenEMIS DataManager, generating indicators in OpenEMIS Integrator and designing OpenEMIS Dashboard
Session 4.4 – Hands-on Session Participants will create cubes, transformations, publish
Lunch (12:30 – 13:30)
Session 4.5 – Dashboards Participants will present their dashboards to the group
Session 4.6 – Hands-on Session Participants will create cubes, transformations, publish
Break (15:00 – 15:30)
Session 4.7 – Profiles Participants will evaluate the training course
Session 4.8 – Hands-on Session Participants will create cubes, transformations, publish
Closing Session (17:00)

Day 5 – Assessment, Presentations and Closing

Start (09:00)

Session 5.0 – Recap on Previous Day

Questions and comments from the previous day

Session 5.1 – Assessment

Participants will work on the entire data flow from defining indicators in OpenEMIS DataManager, generating indicators in OpenEMIS Integrator and designing OpenEMIS Dashboard

Break (10:30 – 11:00)

Session 5.2 – Assessment

Participants will work on the entire data flow from defining indicators in OpenEMIS DataManager, generating indicators in OpenEMIS Integrator and designing OpenEMIS Dashboard

Lunch (12:30 – 13:30)

Session 5.3 – Presentation of Dashboards

Participants will present their dashboards to the group

Break (15:00 – 15:30)

Session 5.4 – Course Evaluation

Participants will evaluate the training course

Session 5.5 – Closing Ceremony, Certifications, Group Photo

Participants will receive certificate of participation upon completion of the training course

Closing Session (17:00)