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JeCCDO

# **CBO Data Management System (CDMS)**

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**Jerusalem Children and Community Development  
Organization (JeCCDO)**

**ToT Training Report**

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## 1.0. CDMS SUMMARY

### CDMS's Background

JeCCDO has the strongest demand and passion on Monitoring and Evaluation (M&E) practices to every investment made in the all the program areas. Establishing a new data collection system incepted because of the intrinsic value that the organization has to bring for the development the program.

### CDMS's Initiation

The successful consultations with key JeCCDO executives, including program and monitoring and evaluation team has helped to go for the building up of the M&E System. The consultant have prepared sufficient system documentation to enhance the projected demand and the possible implementation model of the CDMS.

### CDMS Training

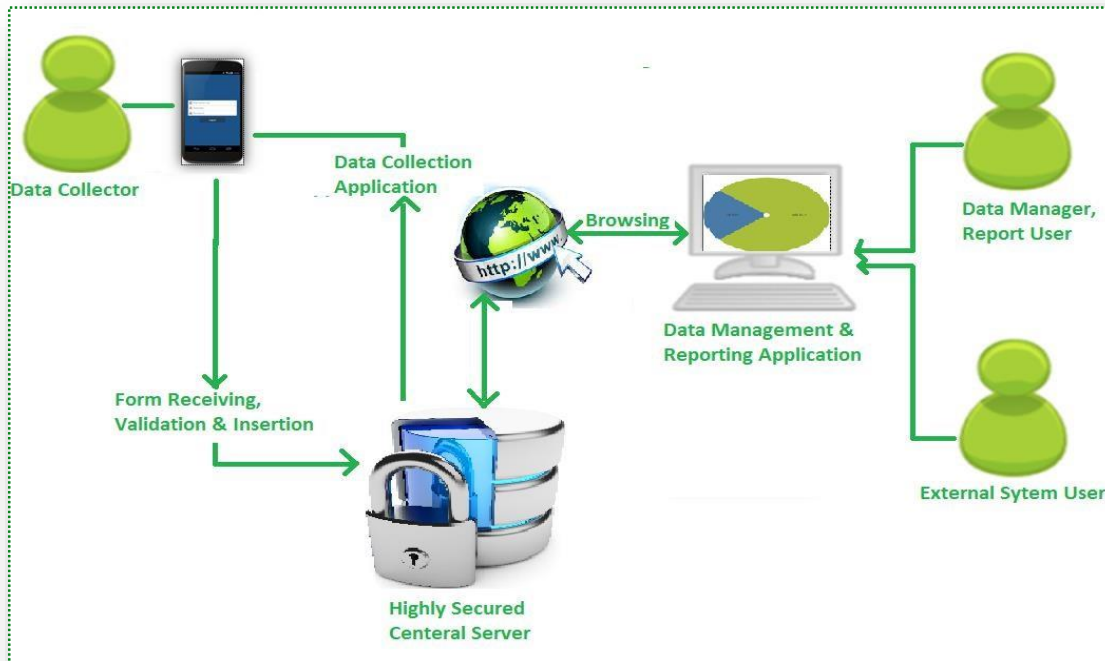
The development and iterative testing of the CDMS is completed. Following that training was provided for 15 participants who represented 15 CBOs' (i.e. 1 participants from each CBO).

1. Debre Mewi Medhanialem Sefer Yemeredajana Lemat Mahber
2. Addis Ketema Kefele Ketema Kebele 10/11/12/ and 13/15 Yheisanat Wetatoch Tikat Tekelakay Meredaja Iddir
3. Adama Ketema Eneredada Iddiroch Mahber
4. Kuter 5 Kidus Gebriel Meredaja Iddirina Lemat Mahber
5. Tigat Mahbereseb Lemat Mahber
6. Medhanialem Meredaja Mesret Yemahbereseb Akef Lemat Mahber
7. Kebele 07 Zone 2 Ena 3 Edget Mahbereseb Lemat Mahber
8. Enibra Cluster Level Association
9. Kefteegna 2-01 Meredaja ena Iddir Lemat Mahber
10. Kebele 08 Newariwoch Yemahbereseb Edget Lemat Bego Adragot Mahber
11. Debre Birhan Ketema Kebele 03 Iddiroch Hibret Bego Adragot Mahber
12. Debre Birhan Ketema Kebele 09 Tebase Iddiroch Hibret Bego Adragot Lemat Mahber
13. Goh Lehulum Mahbereseb Lemat
14. Fana Yehisanat Ena Yemahbereseb Mahber
15. Debre Markos Ketema Iddiroch Mahber

## 2.0. INTRODUCTION

### CDMS Description

The CDMS is a data collection, management and reporting platform. It makes it possible to collect and share essential data records from multiple Community Based Organizations (CBOs). The new system has mobile application and web-based feature that will allow users to share analysis with colleagues.



### CDMS Features

The system could handle hundreds of concurrent users and thousands of data records using only a single, standard web-server. It is reasonably open to accommodate new changes – if scale up is necessitated. The following are the core features of the system

#### Data Collection Feature



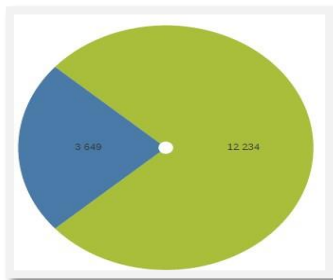
The CDMS provides a range of mobile solutions based on Android phones- smartphones and a high-end web-based solution with offline support as well online data collection using personal computers. Since most of the data are collected at community level the added advantage of having a mobile solution is of unmatched value.

## Data Management Feature



The CDMS allows managing aggregate data with a flexible data model which has been field-tested. Everything can be configured through the user interface: One can setup data entry forms, validation rules, indicators and reports in order to create a mature system. The access privileges are fully defined to prevent users from any unnecessary manipulation

## Reporting Feature



The CDMS allows data exploration through great visualization features. The Dashboard feature helps to see the high level overview records in Tabular and Map Formats as well as help you to generate Geospatial reports – with appropriate coordinates populated. Standard report generating give you the capability of dynamically create reports on a fly and change them whenever needed.

### 3.0. THE CDMS TRAINING

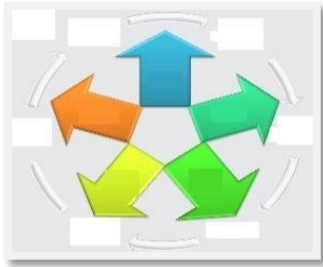
The CDMS training has combined conceptual and practical aspect of the system and delivered in friendly manner for the participants. For the purpose reference and future exploration, a number of documentation was prepared and provided for each trainees. These are;

1. Training Manuel
2. User Guide English & Amharic
3. Transcription Form
4. Feedback Collection Form
5. PowerPoint Presentation

Participant unanimously identified the data collection, data management and report compilation are the main and critical and efforts exerted and time spent for those processes involve a high cost. They want minimize the resource wastage and need to have a clean and readily available data and report when needed.

#### *Training Methodology*

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The CDMS training was structured in three distinct categories and Provided to participants in a very practical manner;

1. Smartphone Literacy
2. Data Collection Section
3. Data Management Section

#### *CBOs' Capability*

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Most of the training participants that represented the 3 CBOs had good average level of exposure to smartphones and were able to capture the mobile data collection and management system seamlessly. The system has brought great advantage in understanding the data collection to the participants by encoding the application in local language – Amharic.

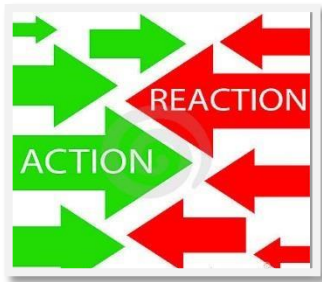
### *CBOs' Receptiveness*



Technology friendliness partly determines receptiveness of the CDMS, but even those who are not familiar with technology were very eager to learn and use the new system.

CBOs' interest to learn combined with an interactive training approach has increased the receptivity of the participants.

### *CBOs' Reaction*



CBOs' representatives had a positive attitude towards the new system – since comments and suggestions were provided at the end of the training session, they have provided their full dedication to it and were convinced to fully cooperate for its success.

The participants have promised to discuss with their respective CBOs the worth of the system, this will create a common ground to fully use the system.

## **Full Scale-Rollout**

The CDMS is going to be rolled-out in the 15 CBOs that are located in 4 regions. The CBOs will have 15 days of practice time – until July 15, 2018. Afterwards will start formal submission of the last 3 quarters data, i.e. Oct-Dec 2017, Jan-Mar, 2018 and Apr – Jun, 2018 that represent quarter 1, 2 and 3 respectively.