



# MONITORING & EVALUATION SYSTEM

ONE STOP SOLUTION FOR PROJECT MONITORING

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# SCENARIO

- INTERNATIONAL NGO “OBAMA” => AWARD 20M\$ GRANT TO A COMPANY “ABT” TO IMPLEMENT ACTIVITIES FOR 5 YEARS FOCUS ON VALUE CHAIN HORTICULTURE SOLUTION PROJECT CALLED “HARVEST”
  - VALUE CHAIN = LINK BUYERS/SMEs TO FARMERS (Cashew, Orange, Logan, Mango, Vegetables as Subsectors)
- OBAMA NEED REPORTS QUARTERLY, ANNUALLY FROM HARVEST WITH VARIETY OF INDICATORS
  - Number of farmers
  - Male, Female, Youth (15-29) who engaged with
  - Incremental sale at farm (sale at farms) aggregate by province, crops type
  - How many farmers get technical support training from their buyers/SMEs/partners aggregate by training topic, male, female, youth, province
  - Number of buyers/SMEs
  - Incremental sale at firm (sale at firm) aggregate by crops type,
- ABT AWARD TO PRIVATE SECTORS TO IMPLEMENT HARVEST’S ACTIVITIES BY SUBSECTORS SO ABT BUILD “MONITORING & EVALUATION SYSTEM” TO COLLECT INFORMATION FROM THEM.

# SCENARIO

- WHO USE THE SYSTEM?
  - PRIVATE SECTORS WILL DO ALL DATA ENTRY REGULARY
- WHO MONITOR THE SYSTEM
  - ABT
- WHO PROVIDE REPORT TO “OBAMA”
  - ABT
  - IN FIVE YEARS, They want to see
    - Sale at farms = 10M\$
    - Female engaged with this activities = 5000 persons and Youth 3000 persons through training capacities
    - Farmers get training at least 15000 persons (include, male, female, youth and non-youth)

# GENERAL INTRODUCTION

- All international organization are required tools in order to measures the project results in the regularly basis from their grants with tough deadline in quarterly – semester – and annually.
- Collection of data from different sectors and partners to be in one place without delaying yet data quality are the burden for each projects implementers to settle in place at the same time of the operation start.
- Cleaning, analyzing and reporting with different kinds of donor's indicators requirements are the reasons to keep their grants continues until their life of project.

# PROBLEM STATEMENT

- Collecting data from different formats and types such as tables in MS word, excel or sometime in pdf that scan from images are the big issues for monitoring.
- While offline or intranet system like MS access is not the right choice at the present
- Submitting documents either in hard copies from different area or sending documents via E-mail are so stress for consolidating
- Cleaning and validating documents taking very long time and stress to process it as the evaluators need to entry data into digital format to process reports.
- Generate reports and visualizing data are not sexy to demonstrate to donors

# PROJECT VISION

- One-Stop-Service of data collection, simplify formats for users-friendly, can access at anywhere and at anytime which can be supported with multi users and different levels and permissions
- Automat data validation, qualification and protection
- Real-time data visualization with flexible of filtering different types of criteria that we pre-define
- This system will be a great tools for lots of None-Government Organizations to implements the project to meet the need of the donor's requirements.

# PROJECT SCOPES

## FEATURES

### 1- User Managements

- Entry Level, Check Level, Approve and Reject Level and Administrator cover all those levels

### 2- Entry Components

- Each records have detail transitions (Who CRUD and When CRUD) with SoftDelete protocol
- All Levels are able to exports all record list while Administrator can do both import and export

### 3- Administrator can send notification to all level either within the system and E-mail alert in special case

### 4- Full interactive dashboard with different type of at least 5 pivot tables, 2 bar charts 2 pie charts

### 5- Automat backup database integrations

### 6- At least 10 pre-defined reports can be synchronized to Excel file for offline uses

## DATA TYPES

### 1-List of Buyers/SMEs

### 2-List of Farmers

### 3-Details list of farmers who got training support from buyers/SMEs

### 4-List of Purchase and Sale transactions - aggregate by crop name, crop type, buyers, farmers, gender, province, quarters