

# ELOGFRAME PRODUCT BRIEF

*eLogFrame Product  
Brief. Version 1.0*

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## **1. eLogFrame**

### **1.1 What is eLogFrame?**

eLogFrame is comprehensive web based software for M&E (Monitoring and Evaluation) that enables institutions running international development programs or projects to employ a results-based management approach based on the logical framework model in execution of their projects.

It allows organizations to effectively plan, execute, monitor and evaluate projects that they implement in their areas of operations. The system is highly flexible and can be customized to meet the specific needs of an organization implementing the system as modules can be created to manage information specific to the organization's context.

eLogFrame has the salient features that seamlessly enable M&E staff to create project logframes, progressively monitor indicators, outcomes and activities while managing projects, collecting data and continuously perform meta-analysis to generate analytical reports. The system also comes with a form builder that dynamically generates electronic surveys to collect project and activity specific data for activity centered statistics and analysis and GIS mapping capabilities. It provides a collaborative environment where institutions in dispersed and distributed environments can access and share project information from a central database and pool.

The system is built using open source technology and is highly flexible and customizable and has been designed with a user-friendly and aesthetic interface. The programming is done based on international best practices and the system has been thoroughly tested to ensure that the data is secured and the integrity of the information that is captured is maintained.

### **1.2 Key capabilities**

- Online and offline data entry
- Responsive user interface (can be used on hand held devices)
- Dynamic form and questionnaire creation
- Data collection questionnaires
- On-the-fly querying
- Dynamic report generation
- Ease the creation of narrative reports
- Analytical tools (Tables, Maps, Charts)

### 1.3 Key benefits

eLogFrame is an activity-oriented-computer-based system which works in conjunction with procedural concepts within existing structures so as to efficiently manage operations. The solution utilizes activities as a base to form an efficient M&E framework and is made up of a set of tools and guidelines that are used throughout the phases of M&E at all enterprise levels. The key benefits of the system include:

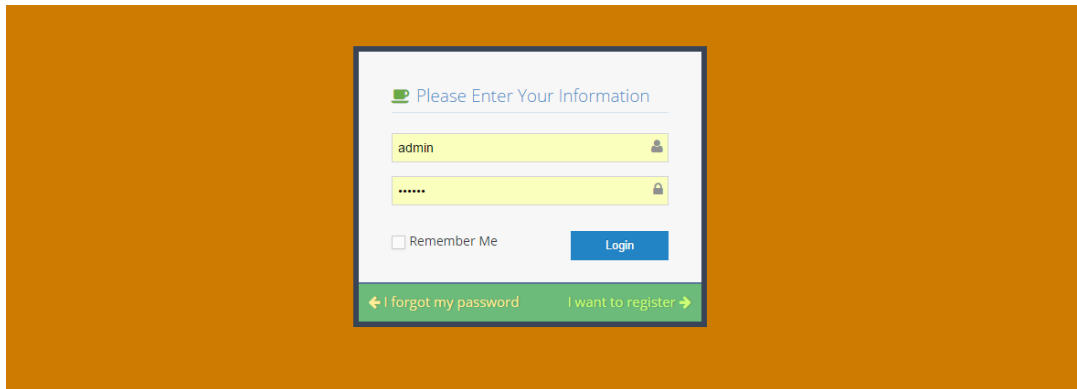
- Improved PM&E framed work that is accessible to operations.
- More focused operations and management thereof.
- Deliberate indicators and measures of success.
- Better use of resources
- Improve on how business is done rather than change therein
- Improved service delivery
- A framework that encapsulates all aspects of operations and M&E
- Better quality operations at all levels due to cascading nature of activities
- Better management and supervision due to the availability of information
- Better access to program information
- Improved utilization of information and resources including partnering and sharing
- Multi-level supervisory visibility of activities
- Enterprise level visibility of goals
- Efficient management of program activity
- Higher quality of services
- Simplicity in concept and in implementation
- Pseudo-automatic data collection and availability of the same for analysis
- Improved efficiency on planning and re-planning
- Enhancement of standardization of procedures
- Accurate and timely information
- Inbuilt flexibility between operations and M&E efforts
- Information archiving
- Information reuse
- Endless evaluation opportunities
- Structured reporting
- Improved time management
- Assured clarity in enterprise efforts
- More focused strategies and opportunity to follow up on the same
- Centralized repository of information
- Remote access to operations information
- Identification and management of cross-cutting activities
- Information sharing through accessible operations data
- Partner involvement on planning process

- Global visibility of all operations parameters
- Better organizational structure

## 2. The Features

### 2.1 Secure access and login

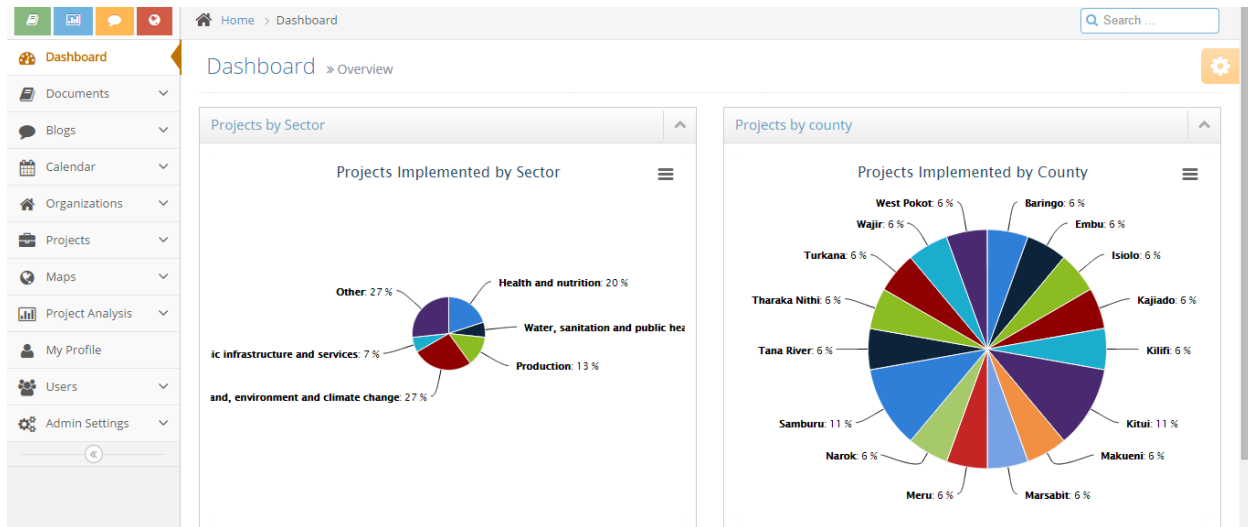
The system is secure and access is only allowed to authorised users. All passwords and user authentication data is encrypted to ensure privacy and maximum security. Some of the login feature module features that make it user-friendly include “Remember Me” cookie option, login interrupter redirect where users are redirected back to the page they had requested when their login session expired and they were logged out and forgot password functionality.



### 2.2 Informative dashboard

eLogFrame has an informative dashboard with analytical data generated from the data captured in the system. The grid based dashboard comes with widgets with a variety of options including charts and statistics, charts, tasks, recently added projects and tasks. Users can also get instant notifications if they are required to submit a report or if they are required to validate data that has been entered in the system.

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### 2.3 Dynamic form builder

The form builder enables administrators to dynamically create forms on a need-to-be basis on the fly. The builder can be used to create forms for capturing dynamic narrative reports related to projects, capture survey information or any other information that may be required for projects or activities. It has a simple to use interface with << drag drop >> interface that allows the user to create different form fields including input texts, text areas (Paragraph), radio buttons, check boxes, selectable lists, file upload and date pickers.

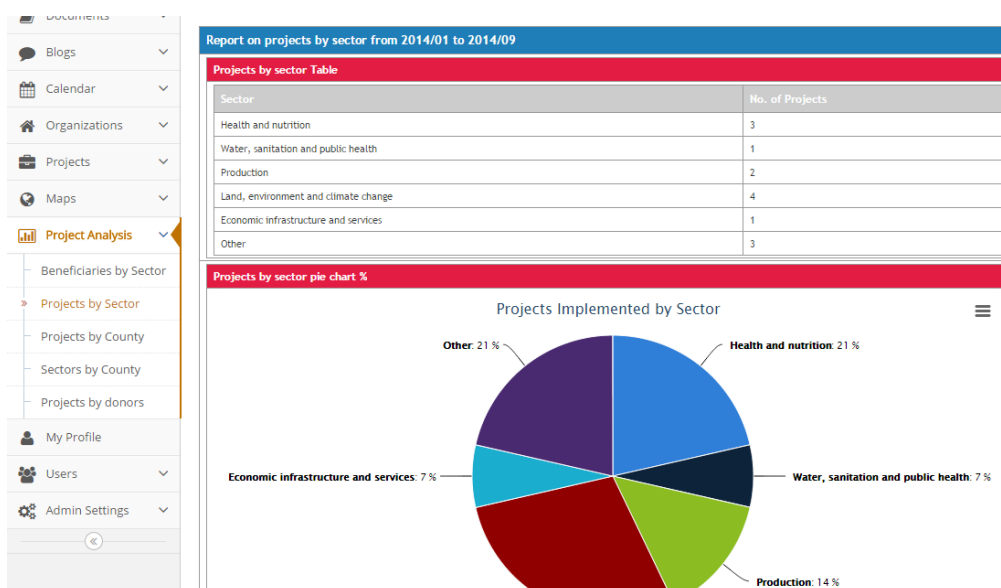
The screenshot shows the 'Drag Form Element' interface. A list of form elements is available for dragging: Input Text, Text Area, Radio Button, Checkbox, Selectable List, File, and DatePicker. A 'Text Area' element is being dragged into a 'Drop here' box. Below this, a 'Preview Form' button is visible. The preview shows a form with a 'Full Name' input field and a 'Gender' section with radio buttons for 'Male' and 'Female'.

The user can define the rules for the form fields to ensure the data is captured in the right format.

The module is currently being enhanced to include integration of business rules and workflow management that will allow the module to be used to manage contacts, trainings, tenders, supplies or any other work flow process that may need to be captured by the system.

## 2.4 Reporting engine

Reports can be generated based on user defined filtering criteria. The system generates reports in both tabular (great-looking tables) and graphical format (pie charts, graphs). The reports generated can be exported to excel or PDF.



## 2.5 Project Creation

The project management module facilitates creation of projects with capture of basic information like the project code, the project title, the project objective, areas of implementation, donors and other project related information. Other project support details can be added including documents and other post project implementation information like comments and any other issues that may need to be captured during the post project implementation period.

The screenshot displays the 'Project Data' tab of the eLogFrame project creation interface. The left sidebar contains navigation links: Blogs, Calendar, Organizations, Projects (highlighted), Project List, Maps, Project Analysis, My Profile, Users, and Admin Settings. The main content area has tabs for Project Data, Activities, Documents, and Project Comments. The Project Data tab is active, showing the following fields:

- Organization: Centro per Un Appropriato Sviluppo Tecnologico (CAST)
- Implementing agency: Centro Per Un Appropriato Svilu
- Coordinating authority: National Drought Management A
- Contracting authority: National Drought Management A
- Project/Contract No.: FED/2012/306-500
- Project title: Reintroduction and commercializ
- Project objective: The objective of the project is to improve the living standards, health conditions and self-reliance in the target communities in Ganze District.
- Community participation (how are communities consulted and involved in planning processes):
- Donor(s): European Union (EU) X
- Project Start Date: 2012-12-12
- End Date: 2015-12-11

## 2.6 Activity Management

Activity management module is used to add activities related to the project. Activities can be classified into sectors, implementation areas and also capture the details of the beneficiaries reached.



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The screenshot shows the 'Activities' form in the eLogFrame application. The sidebar on the left contains navigation links: Blogs, Calendar, Organizations, Projects (highlighted), Maps, Project Analysis, My Profile, Users, and Admin Settings. The main content area has tabs for Project Data, Activities, Documents, and Project Comments. The 'Activities' tab is active, showing fields for Sector (dropdown), Sub Sector (dropdown), Activity (text), Activity description (text area), Activity reach (dropdown), Total beneficiaries (text), and a Beneficiaries Breakdown table. The table has columns for Beneficiary and Number. Rows include IDPs, Female-headed Household (FoH), and Child-headed Household (CoH). There is also a section for 'If other type of beneficiary' with a dropdown, Unit of Measure, and Number, and an 'Add Beneficiaries' button.

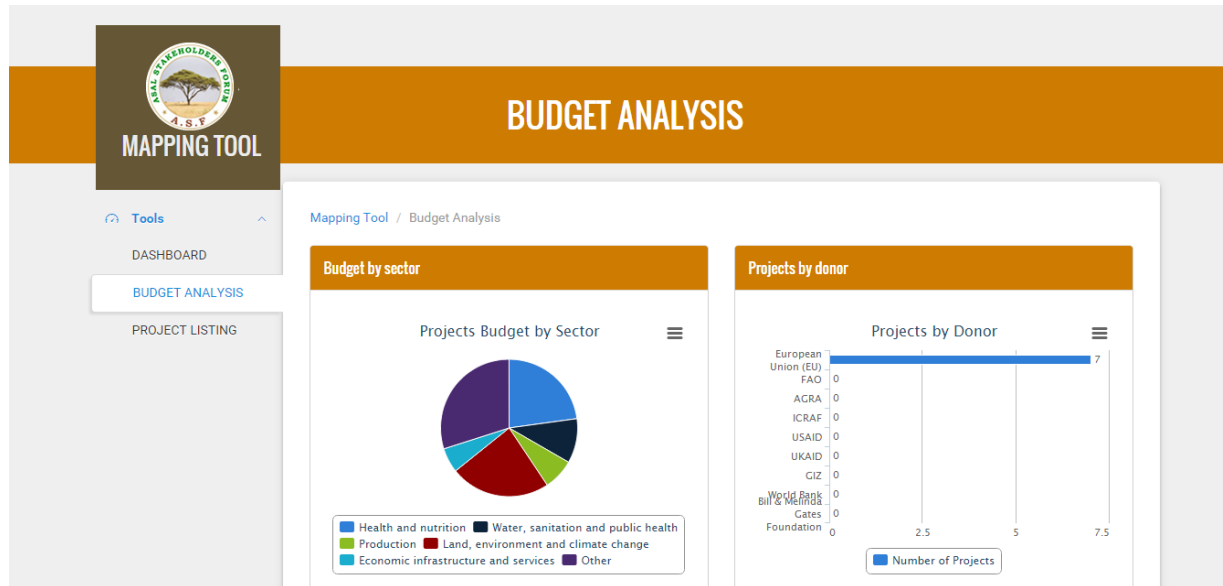
## 2.7 Logframe wizard

The screenshot shows the 'New Item Wizard' in the eLogFrame application. The wizard has four steps: 1 Objectives, 2 Outcomes, 3 Activities, and 4 Other info. The first step, Objectives, is selected. The form prompts the user to 'Enter the following information' and includes fields for Objective, Indicator, Target, and Means of verification.

The system comes with an easy to use logframe development wizard that is customizable to fit your organization's context. Project planners can easily model their M&E framework using an intuitive and user-friendly interface to capture project objectives, outcomes and their related indicators (quantitative, qualitative, categorized on one or two dimensions) and their calculations (sum, max, average), targets and means of verification and any planned activities, their costs and target beneficiary information. Easily create logframes (M&E frameworks), goals, outcomes, outputs and indicators.

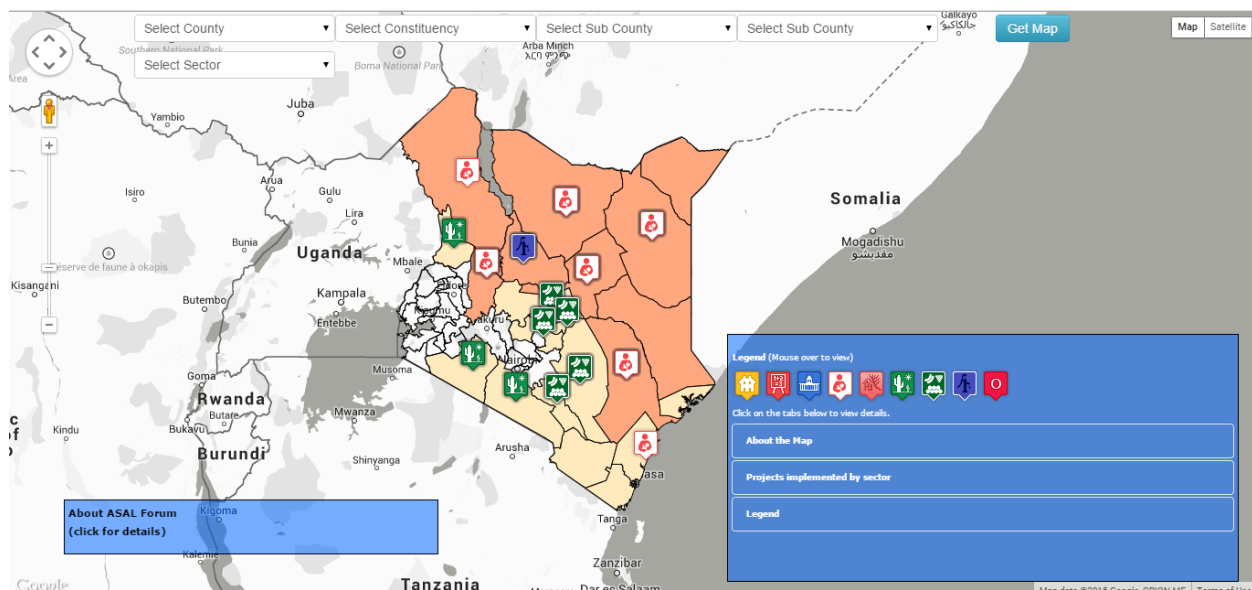
## 2.8 Public information portal

eLogFrame comes with an optional public information portal that enables the organization to showcase their achievements through a publicly accessible portal. The portal contains various graphical reports, maps, budget analysis, overview on implemented projects, donors, project listings and project and activity search filters.



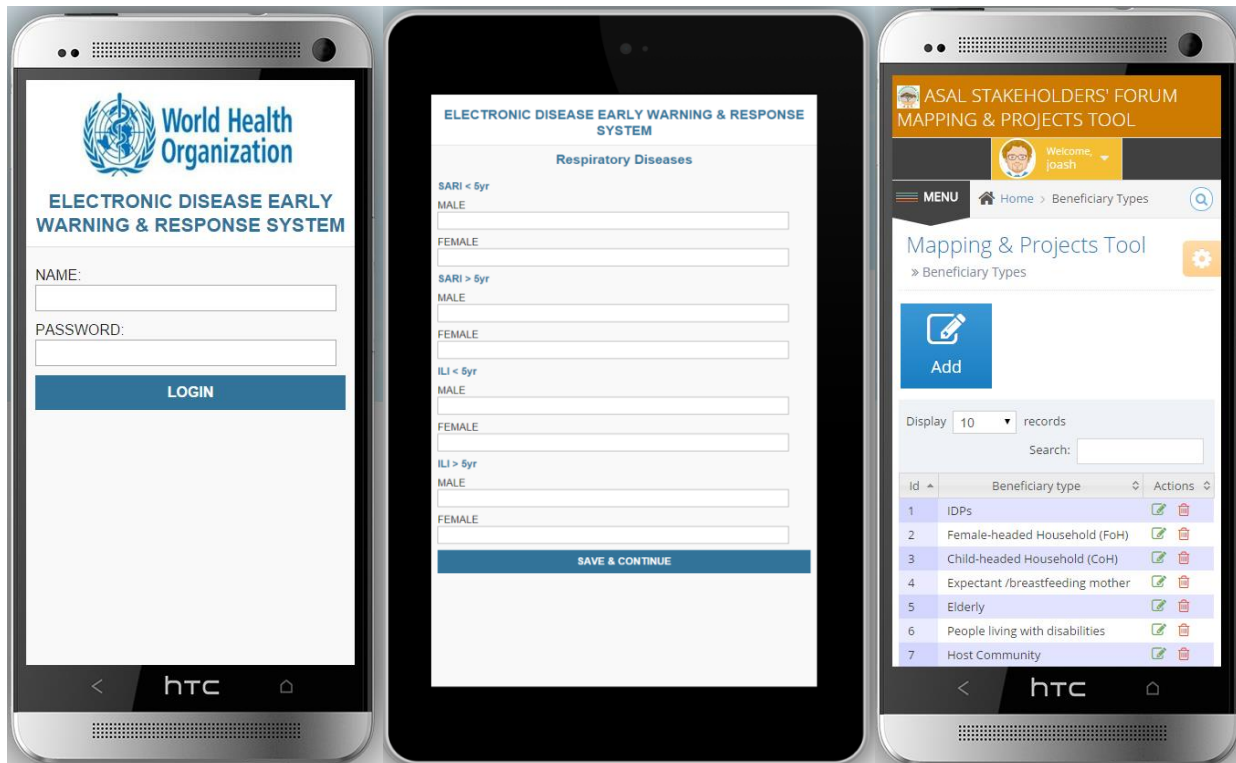
## 2.9 GIS & Mapping tool

The data captured on the system generates dynamic searchable maps. Project and activity information can be relayed on a map based on pillars, sectors and subsectors. The system also produces maps based on the locations of data capture by enumerators. The map is user-friendly with sector branded points with details accessible with the click of the icons.



## 2.10 Portable device data collection

The responsive nature of the system allows for access via mobile and hand held devices. Forms generated by the form builder can be used to collect data via mobile phones and relayed to the relevant parties for validation and approval. The mobile first approach gives the users the flexibility to use the system on a variety of screen resolutions and makes the system truly portable and greatly enhances accessibility.





The Conceptual framework	
1.	Data is captured from the field level via a hand held device or a web interface
2.	The data is relayed to the first level of validation at the regional level
3.	If there are discrepancies with the data it is sent back to the field level for re-entry
4.	Once the data is approved at the regional level, a notification is sent to the HQ M&E team for redress if it is urgent and the information is presented in the project performance reports and bulletins
5.	Otherwise the data is relayed to HQ as a batch for approval and once the approval is done it is presented in the project performance reports and bulletins
6.	All the data captured is stored on a central database for easy access in the distributed environment
7.	Project performance reports and bulletins are continuously generated
8.	There is continuous data meta-analysis and generation of dynamic maps in real-time from the data entered from the field and from the centralized database
9.	The information generated from the system is readily available and accessible to stakeholders including government agencies and donors
10.	The centralized and accessible information allows for inter-agency collaboration and synergy which enhances learning opportunities and knowledge sharing
11.	A public information portal to act as a gateway to showcase the organization's presence in the ground, increasing transparency and openness and increasing chances of donor funding.

#### **4. Built using the latest open-source technology**

Programming languages: PHP, Javascript, HTML5

Development frameworks and application frameworks: Codeigniter 2.1

DBMS (database management system): MySQL 5

Server: Linux Ubuntu + Apache

Other Languages and tools: CSS 3, Json, XML, AJAX, JQuery, twitter bootstrap

## 5. Clients

