

## Gender Based Violence Mapping System for an NGO

JPGEWE enhances Gender based Violence coordination mechanism with improved information access



# Data Management Information System for Environmental Management Authorities

## Customer Profile

Joint Programme on Gender Equality and Women's Empowerment in Kenya (JPGEWE) is a joint Programme that was established by the UN WOMEN, ILO, IOM, OCHA, UNAIDS, UNDP, UNEP, UNESCO, UNFPA, UNHABITAT, UNICEF, UNIDO, UNODC and WHO. This Programme brings together 14 United Nations Organizations under one programmatic framework to serve the needs of Kenya in the area of gender equality and women empowerment. It is under this Programme that the National gender based violence mapping system has been developed.

## Business Situation

After the 2007-2008 post-election violence in Kenya and subsequent increase in Gender based violence cases, JPGEWE through the funding by UNICEF Kenya was in need of a Gender Based Violence Information Management System (GBVIMS) in order to increase the efficiency of Gender Based Violence coordination mechanisms in the country.

The proposed tool would provide harmonization in the data collection on GBV situation in the country by providing a robust system for Gender Based Violence field officers to collect, store and analyse their data, and to enable the safe sharing of reported GBV incident data.

## Solution

Techno Brain developed an automated mapping system that was able to do recording, maintenance and provision of up-to-date information on available GBV services and coordination mechanisms throughout Kenya (in emergency and normal operating conditions and using Google Maps, provide an online information mechanism which will be available to survivors, referral organizations (such as Child line, GBV hotline, hospitals, Police and others) to UN organisations, to donors, to emergency responders and most importantly to the government to assist in resource allocation.

Techno Brain has not only built the custom application for the GBV-MIS but also deployed the tool and provided maintenance and support services for the entire project.

## Major features of the GBV Mapping tool include:

- An online Data collection form
- Workflow processes- Automates the data entered on the online form to a map.
- An online web map showing all the GBV service providers across the country as well as the various services provided which is available to various stakeholders
- Computerized search option that allows users to search for GBV services using town/ region name and sector name

## Customer:

This project was for Joint Program on Gender Equality and Women's Empowerment in Kenya (JPGEWE), funded by UNICEF Kenya.

## Industry:

NGO

## Business Situation:

UNICEF required a robust system for Gender Based Violence field officers to collect, store and analyse their data, and to enable the safe and secured sharing of reported GBV incident data.

## Solution:

JPGEWE implemented Techno Brain's GBV mapping tool for increased efficiency of GBV coordination mechanism and ease of information access.

## Benefits:

- Centralized geospatial database
- Better information leading to better decisions
- Delivery of real-time up to date information
- Cost effective and scalable

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- Most up-to-date database of all GBV coordination mechanisms across the country, including up-to-date contact details.

## Technologies

Google Forms, Google Spread sheets, Google Maps

## Benefits

The tool, with minimum use of infrastructure and technical know-how, shall be able to assist service providers to better understand the GBV cases being reported as well as to enable actors to share data internally across project sites and externally with agencies for broader trends analysis and improved GBV coordination.

### Key benefits of Human Resource and Payroll Management System:

- **Centralized geospatial database:** It allows thematic and spatial GBV services and coordination mechanisms data storing
- **Better information leads to better decisions:** The online map shows the distribution of all GBV service providers across the country, thus it would show areas with gaps in various services provision as well as distribution of various GBV cases across the country helping various stakeholders in the GBV coordination mechanism understand the occurrences on the cases for better mitigation measures.
- **Delivery of real time up to date information:** Any change in the information that will be done in the database shall be automatically be updated in the online map, offering the most current information.
- **Cost effective and scalable:** Google Maps Engine is provided as a service, so there are no capital costs for hardware & software. Capacity can be scaled to meet unexpected demand without requiring a large initial investment in your own data center.