Synergy International Systems

Post-Disaster Management Suite

Overview

Major natural disasters typically lead to a large and sudden influx of assistance to the affected communities, which can create serious planning and coordination challenges. A central obstacle is what can be called the information gap—the beneficiary government (as well as donor organizations and NGOs) lack readily accessible, timely, and reliable information about “who is doing what, where, and how” when it comes to post-disaster recovery and reconstruction activities. This lack of information can result in duplicated or overlapping efforts and a situation where activities are not well aligned with the government’s reconstruction plans and priorities.

Core Features of Synergy DRM

Synergy Post-Disaster Management Suite is a rapidly customizable, web-based Commercial-Off-The-Shelf software platform for disaster recovery management (DRM). Through efficient online data reporting, it provides stakeholders with a comprehensive, up-to-date picture of recovery activities, including funding flows and project results. As a highly modular and scalable platform, it includes modules for data entry and tracking (online, offline, and mobile), performance analytics/reporting, geo-spatial mapping (GIS), project concept note management, and citizen feedback—all in one seamlessly integrated IT environment. Synergy Post-Disaster Management Suite’s complete toolset promotes effective mobilization, utilization and management of DRM resources, while improving transparency and accountability to citizens.

- **Track Disaster Recovery Funding and Project Progress**
  Synergy Post-Disaster Management Suite enables stakeholders to record, track and analyze post-disaster pledges, disbursements, and expenditures alongside data on the physical progress, key performance indicators (KPIs), and results of recovery projects.

- **Report Disasters and Align Funds with Priority Needs**
  Users of Post-Disaster Management Suite can report disaster events, recording critical information such as affected locations and populations, emergency response efforts, and estimates of damages, losses and needs. This information can then be compared against recovery assistance/activities to identify gaps and duplications of effort, thereby ensuring that funds and projects are aligned with needs and priorities.

- **Project Concept Note Submission and Approval**
  This module streamlines the entire process of submission, review, and approval of reconstruction project proposals. By doing so, it allows the government to select for implementation proposed projects that best respond to reconstruction needs and priorities, thereby supporting rigorous planning and effective use of funds.

- **Geo-spatial mapping of recovery projects**
  Post-Disaster Management Suite’s GIS gives users a range of geo-referenced data plotting and visualization options, to gain an overview of “who is doing what, where, and how”, enhancing coordination, planning, and monitoring of recovery efforts.

- **Reporting and Analytics**
  Post-Disaster Management Suite’s reporting module automates the production of customizable reports, lists, and charts, and “Public Views” allowing the controlled publication of performance reports, and increased transparency and accountability. Reports, charts and graphs can be exported to Word, Excel, PDF, etc.

- **Citizen feedback and engagement**
  The input of members of the public can be critical in verifying and tracking progress disaster recovery interventions, and building public support for recovery efforts. Synergy DRM offers a range of citizen engagement, including public feedback/reporting modules, and Web Portals for dissemination of information.

- **Online, Offline and Mobile Data Capture (Smartphone app)**
  Disaster reconstruction often takes place in areas with damaged or limited electricity and internet connectivity. Using the product’s offline mode and Smartphone app, data and GPS coordinates can be captured in the field and synced with the central DRM database when connectivity resumes.