THE ASIAN DISASTER REDUCTION AND RESPONSE NETWORK

Real time tracking of recovery and reconstruction though last mile technology

Objectives

- To increase the accountability among different stakeholders
- To increase the efficiency of the organizations working in the field of disaster response and reduction
- To get the real time information from the ground

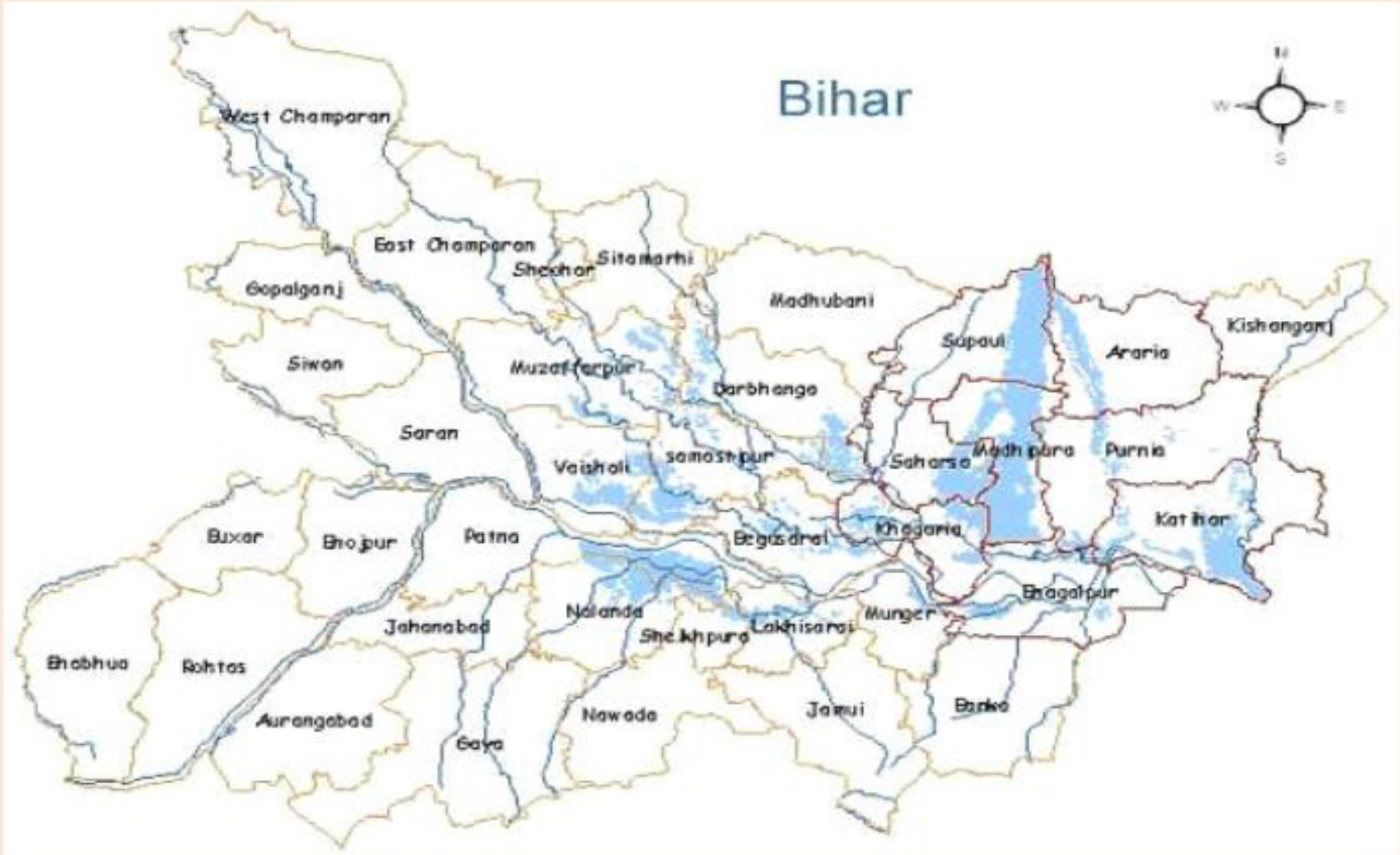
Principles of Accountability

- Commitment to humanitarian standards and rights
- Setting standards and building capacity
- Communication
- Participation in program
- Monitoring and reporting on compliance
- Addressing complaints
- Implementing partners

KOSI REHABILITATION & RECONSTRUCTION PROGRAMME (KRRP)

Background

- On 18th August 2008, the Kosi River broke through an eastern retaining wall.
- This caused the Kosi river to change its course drastically causing unprecedented loss of lives, houses, crops and infrastructure.
- The Government of Bihar , for the first time, initiated a long term Rehabilitation and Reconstruction Programme in the most affected districts :- Supaul, Saharsa and Madhepura.
- Formation of ODR Colloborative



map of major inundated areas, August 2008

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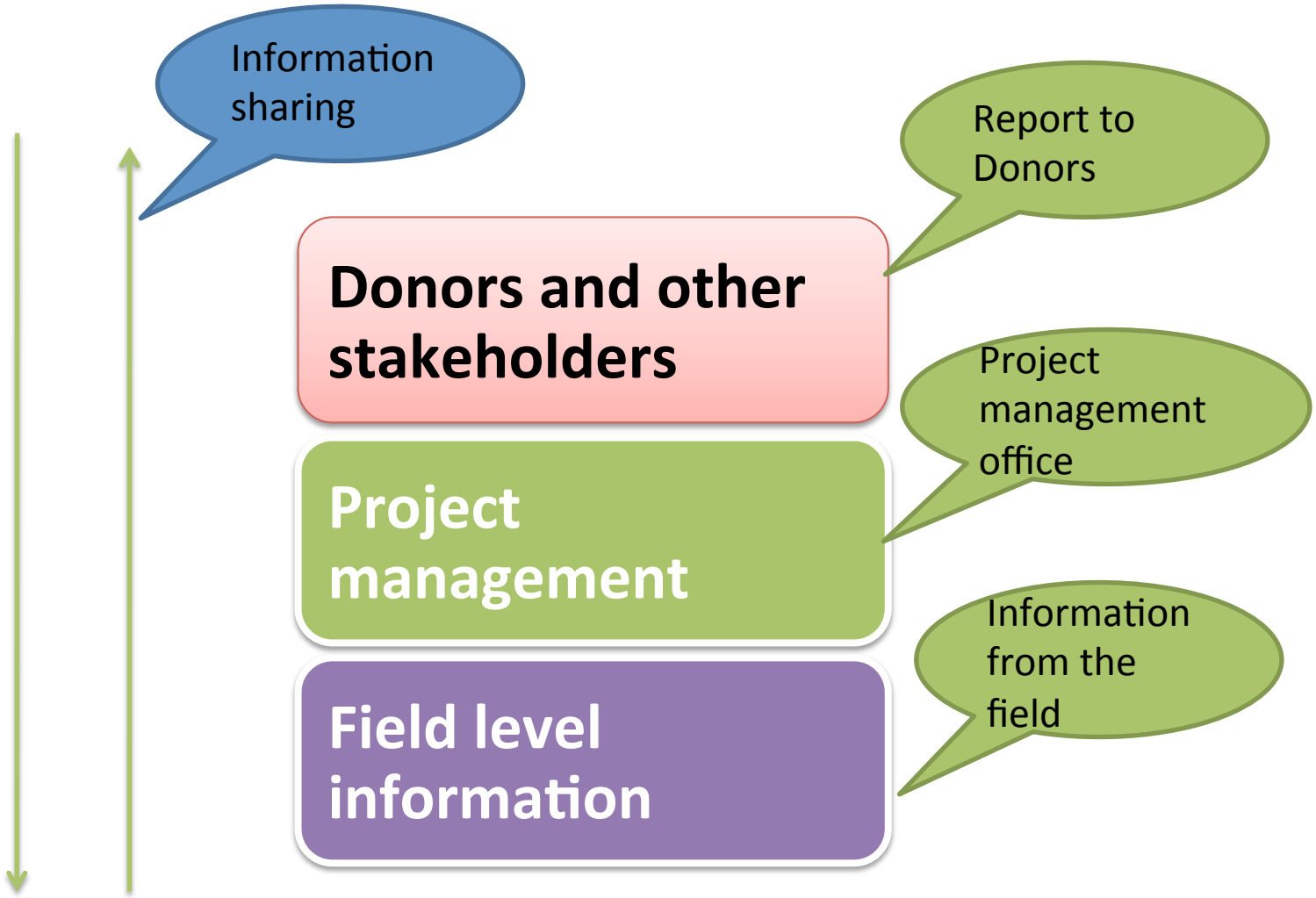
Information Flows



Type of information in post – disaster works:

- Location
- Shelter needs assessment
- Accessibility of the Community
- Damage assessment
- Community's readiness to participate

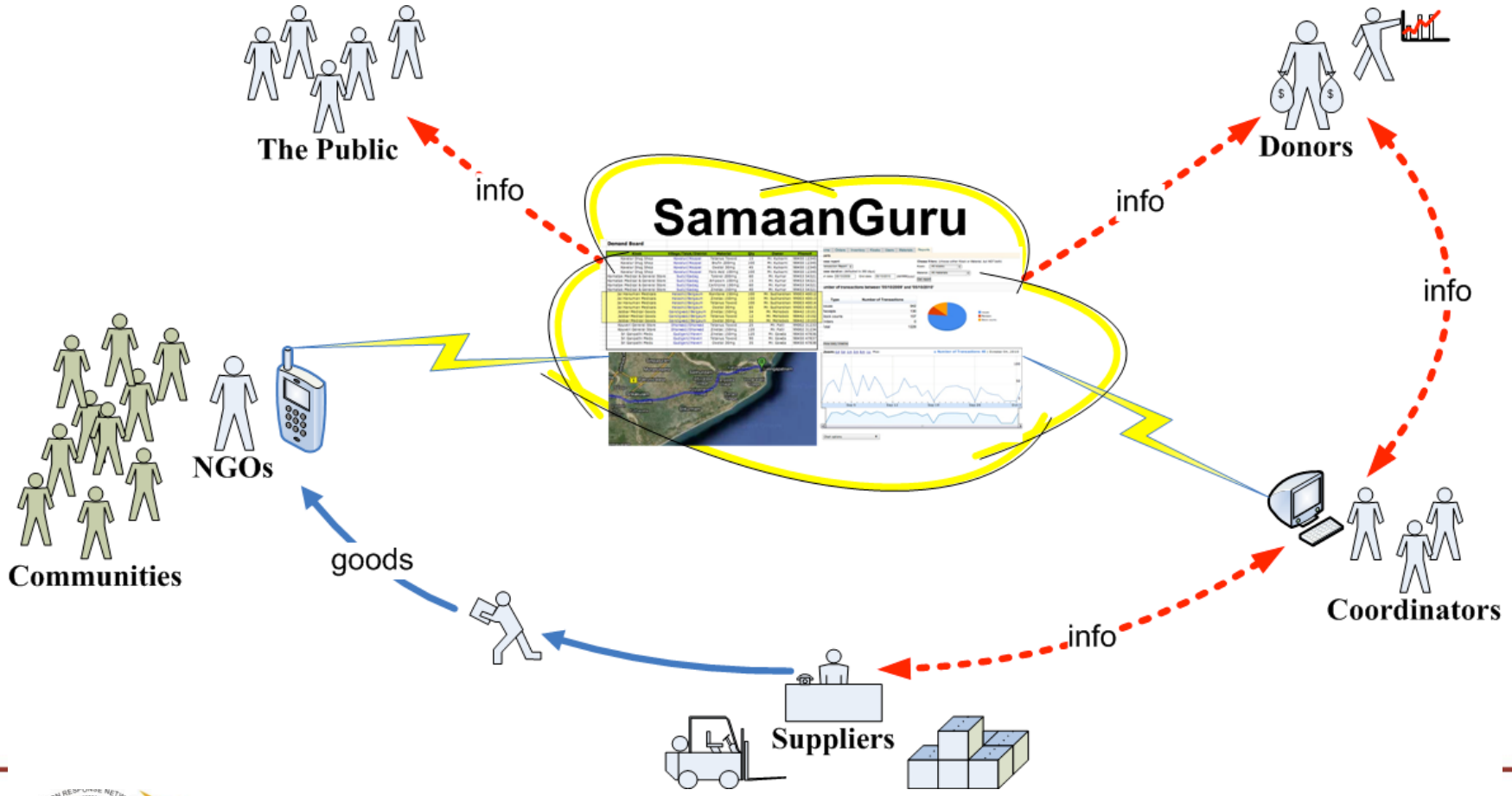
Shelter response

- Type of construction
- Local available construction materials
- Local technologies
- Manpower
- Reasons for damage to shelters
- Disaster resistant features
- Suppliers of construction materials

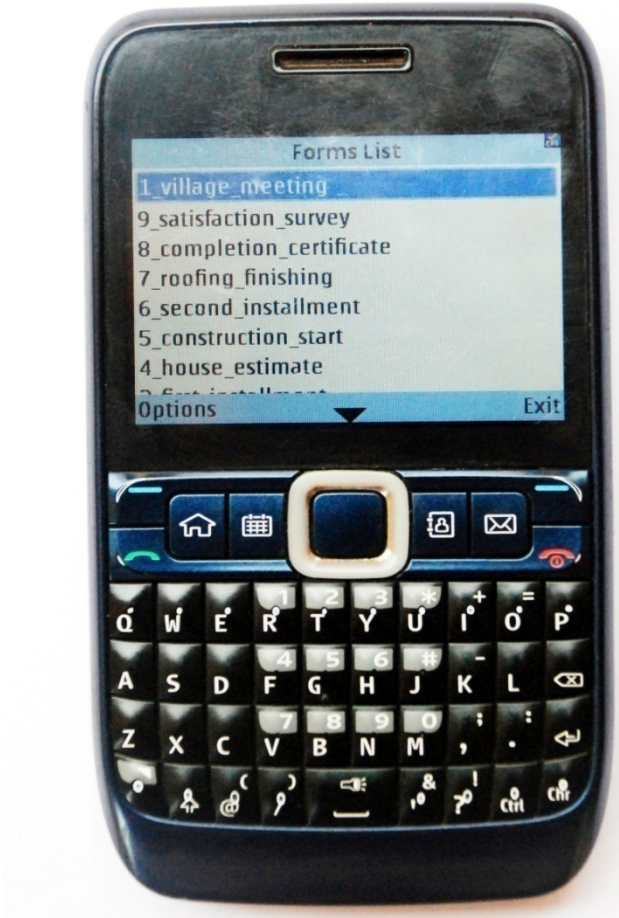
Gaps in communication

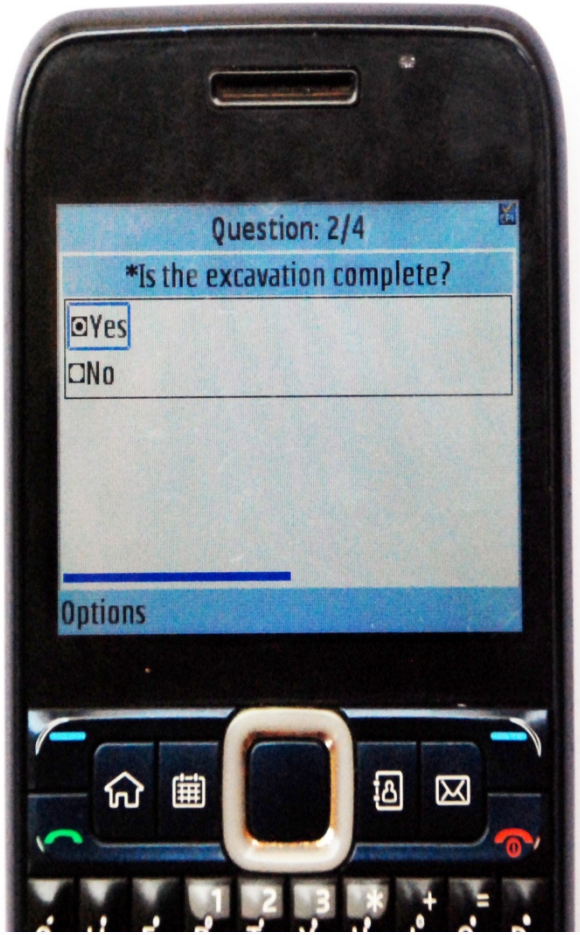
- Difficult to monitor the real time progress
- Feedback from the affected communities
- Planning for large scale reconstruction activities
- Ensuring accountability of different stakeholders

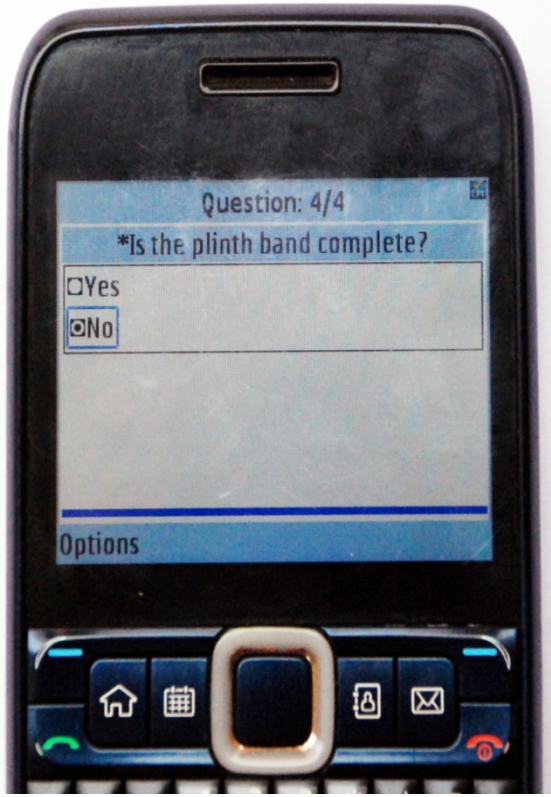
Use of last mile technology



How we are using it




Question: 2/4
*Is the excavation complete?
Yes
No
Options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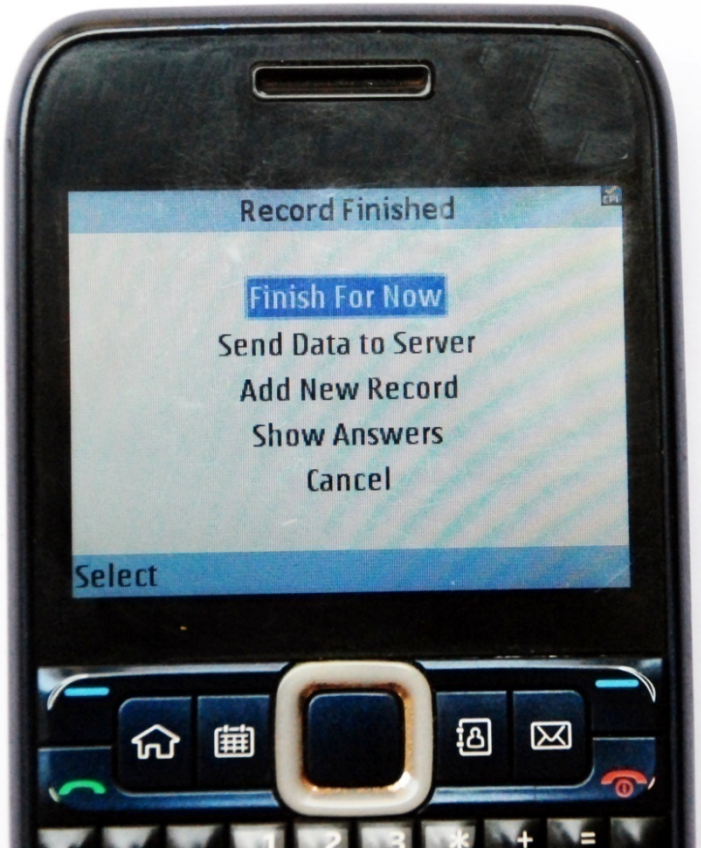
No
Options


Record Finished
Finish For Now
Send Data to Server
Add New Record
Show Answers
Cancel
Select

Sending Data
Sending record 1/1. Please wait...
Cancel

Information Filters

Information Type	Filter Level 1 (Internal)	Filter Level 2 (Donors)	Filter Level 3 (Government & Media)
	Information useful only to the organization	Information useful to donors	Information useful to other stakeholders (Press Releases etc)
Background Studies	Damage & Needs Assessment Beneficiary Information Vulnerability Analysis Stakeholder Analysis	Damage & Needs Assessment Beneficiary Information, Vulnerability Analysis	Damage Assessment Beneficiary Information
Field Reports; Daily Progress Reports by Staff	Quantitative & Qualitative Achievements	Milestones & Targets reached	Milestones
Admin & Finance Reports	Expenditure Reports Acquisitions Staff Reports Volunteer Program	Periodic Consolidated Financial Reports Appeal for volunteers Volunteer Reports	Commitments by the organization
Material requirement	Inventories	Appeal for Material Support	
Beneficiary Feedback/ Complaints	Complaints Response Mechanism activated	Complaints received and Action taken by organization	

Benefit to different stakeholders

- Internal information for project management
- Being more accountable to different donors
- Being able to tap into volunteer database for specific needs
- Being able to utilize pre stock materials for effective disaster response

Benefit to Donors

- Effective use of technology for getting real time feedback form the ground on utilization of funds
- Facilitate placement of volunteers on the basis on needs on the ground
- Create linkages between NGOs and large materials manufacturer
- Fund raising activities based on real needs by the NGOs
- Being able to create framework for Disaster Risk Reduction and response /recovery

Thank you

For more information

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