

iCARE Innovation Fund

Digital Innovation in Early Warning Systems: Building Climate Resilience in Bangladesh Monthly Progress Report

Reporting Period
April 2024

Prepared by:
Practical Action in Bangladesh

1. Project Information

Project Title:	Digital Innovation in Early Warning Systems: Building Climate Resilience in Bangladesh
Project Code:	WBCAR
Partner Organisation:	No implementing partner, Practical Action in Bangladesh is directly implementing the innovation
Reporting Period:	01 April 2024 – 30 April 2024
Date of Submission:	05 May 2024
Contact Name:	Tamanna Rahman
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Status of project progress in this reporting period	<input type="checkbox"/> Significant delay <input checked="" type="checkbox"/> Delay <input type="checkbox"/> On Track
Report sign Off	<input checked="" type="checkbox"/> I have reviewed all the information provided for each section including number of beneficiaries. The information provided for each section of the report is complete. Name: _____ Designation: _____

2. Key Achievements

New staff orientation completed; they have started project activities; they have established linkage with Union Parishad for implement the project activities in accordance with the activity plan.

We conducted app-based awareness campaign on heatwave alerts at the community level using our apps during the extreme situation in April.

250 household data have been collected. Data was collected on HHs mobile number, usage of smart phone, installed of Disaster Alert App and when people are interested to received Early Warning Message. About 73.12% households were found to use smart phones (N=250)

As part of our awareness raising and popularizing the apps in the community, out of 250 households, 118 have managed to install 'Disaster Alert App' in their mobile and 132 households have committed to install later. 52.17% people want to received Early Warning Message after evening prayer i.e after sun set.

Field implementation indicates gender imbalance, with 61% male mobile users and only 19% female mobile users. Our field team effort at community is increasing the number of female participations at community level for a more presentable sample.

We have ensured a diverse age distribution for project implementation, our survey reveals that 19% of app users are aged 19-30, while 33% are in the 31-40 age group, highlighting a varied demographic profile for a comprehensive implementation.

3. Implementation Progress

Activity Title	Last Month Progress (March)	Current Month Progress (April)	Activities, and Events, planned for the subsequent month
Activity 1.1.1: Conduct baseline/situation analysis of the project (Feb 2024)	Completed Situational analysis is completed in one district.	Completed Situational analysis is completed and finalized the report for three districts.	N/A
Activity 1.1.2: Prepare database of shelter centres, hospital, relief centre, nearby volunteers etc. (Mar 2024)	In-Progress 70% completion of information collection	In-Progress We have formalized database upgradation related different sub activity like, agreement signing, data collection, data cleaning, data processing and data validation	Validate data upload and upgradation in the application
Activity 1.1.3: Disseminate early warnings through app (Jan 2024 – Jan 2025)	In-Progress	In-Progress We disseminated early warning related to the heat wave through our app, through which thirty-seven thousand app users received early warnings to take early action	Ongoing activity based on national alert and situation
Activity 2.1.2: Update features in App (how many users taking early actions based on the warning, how many users are utilizing which features etc.)	In-Progress ToR is under process for recruiting software farm.	In-Progress Software requirement study (SRS) mutual understanding with software development farm for developing the	Agreement signing with the software farm

(Jan 2024)		features, functions and modules.	
Activity 2.1.3: Field Test of app (Jan 2024)	In-Progress Will be done in next month (April 2024)	In-Progress Will be done in next month (May 2024)	
Activity 2.2.1: Provided advisories at household level through app (Jan 2024 – Jan 2025)	In-Progress	In-Progress We have started the activity and 200 households received advisory	
Activity 2.1.2: Training and refresher at field (Jan 2024)		In-Progress Will be started in next month (May 2024)	
Activity 2.1.4: Training and refresher at the field level (Mar – Apr 2024)	Completed In-Progress	Completed In-Progress	
Activity 3.1.1: Project inception workshop with relevant Government departments (Dec 2023)	In-Progress	In-Progress Will be done in next month (May-june 2024)	

Activity 3.1.2: Training for UDMC members and CPP volunteer, especially women, on the types of information and advisory services provided and how to use them (Feb – Mar 2024)	In-Progress	In-Progress	
Activity 3.1.3: Mock drill (May – Dec 2024)	Planned in May 2024	Planned in May 2024	N/A
Activity 3.2.1: Meeting with UDMCs (Mar 2024 – Jan 2025)	Completed In-Progress	Completed In-Progress	
Activity 3.2.2: Advocacy events with different stakeholders (Mar 2024 – Jan 2025)	Completed In-Progress	Completed In-Progress	
Activity 3.2.3: Project closing workshop (Mar 2024 - Jan 2025) (Jan 2025)	Completed In-Progress	Completed In-Progress	

4. Results Framework Indicators Progress

PDO Indicator Description: Government agencies and Citizens who have access to climate-resilient solutions tested under the project (Number)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0	Govt: ? Citizens: ? 16	118 Govt: 0 Citizens: 118	37,214
Date	29 Feb'24	31 Mar'24	30 Apr'24	15 Jan 2025
Comments	Up to 30 April'24 we have collected total 250 household data (Faridpur: 189 and Satkhira: 61) and we have collected their android phone information. We have already installed 118 Apps at field (Faridpur: 84 and Satkhira: 34). It is an impact level indicator and will provide measure later.			
Output Indicator Description: Number of people trained (in person) (by sex, country, topic, year, participant category)				
Value	0	0	0	375
Date	29 Feb'24	31 Mar'24	30 Apr'24	
Comments	We didn't start any in person training programme up to 30 April 2024. It will measure after intervention started.			
Output Indicator Description: Number of people trained (online) (by sex, country, topic, year, participant category)				
Value	0	0	0	37,214
Date	29 Feb'24	31 Mar'24	30 Apr'24	
Comments	We didn't start any in person training programme up to 30 April 2024. It will measure after intervention started.			

Output Indicator Description: Number of knowledge products provided (by type of product, theme, country)				
Value	0	0	0	5
Date	29 Feb'24	31 Mar'24	30 Apr'24	
Comments	We are preparing planning to prepare knowledge products. We are now working on Apps and Situation Assessment.			
Output Indicator Description: Number of people / organizations provided with knowledge products (by recipient category, type of knowledge product, country, theme)				
Value	0	0	0	37,214
Date	29 Feb'24	31 Mar'24	30 Apr'24	
Comments	We didn't prepare and disseminated any knowledge product up to 30 April'24. It will measure after knowledge product dissemination.			
Output Indicator Description: Number of events supported (by type, year, theme, country)				
Value	0	0	0	10
Date	29 Feb'24	31 Mar'24	30 Apr'24	
Comments	We didn't start any event sponsoring up to May'24. It will measure after intervention started.			
Output Indicator Description: Number of people participating in supported events (by participant category, sex, year, theme, country)				
Value	0	0	0	
Date	29 Feb'24	31 Mar'24	30 Apr'24	
Comments	We didn't start any participatory event without volunteer group forming and HH level activity up to May'24. It will measure after intervention started.			

5. Challenges, Lessons Learned and Way Forward

In the project area, the month of May marks the local elections at the union level. Following the elections, a new elected committee will be formed at the Union Parishad level. Our team is awaiting the appointment of the newly elected personnel to initiate rapport-building efforts and accelerate our work progress.

The extreme heatwave conditions and the Eid vacations have hampered for expediting implementation during the last month.

Annexures:

- MOV attached – System log from app management admin dashboard.



MOV-APP-USERS-AP
RIL.docx

Glossary

Project Title	mea ns	Exact and full name of the project as defined in the Sub Grant Agreement
Project Code	mea ns	A five-digit code assigned by ADPC
Partner Organization	mea ns	The lead agency(ies) responsible for the implementation of the project
Key Achievements	mea ns	The actual outcome or impact of your work, such as reaching a PDO, or outcome or output defined in the final and agreed Results Framework.
Implementation Progress	mea ns	Implementation progress means the steps or actions taken to achieve the PDO or outcomes or outputs. In this case it would be the list of activities defined in the final and approved work plan
Challenges	mea ns	The most significant and persistent areas of risk that affect the project's ability to achieve its objectives. Challenges could be related to managing the Sub Grant, sustaining development gains, coordinating with stakeholders, and implementing core management functions. Please also discuss the solutions to mitigate these risks.
Lessons Learned	mea ns	Lessons learned are contextual or operational information that may affect planning and future performance. They highlight the insights gained from the activity's implementation practices and progress, such as staff feedback, stakeholder interviews, data analysis, and success stories. They also include any changes required by or support requested from ADPC or partners.



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