

iCARE Innovation Fund

Social Innovation Through Technology Nudging:
Developing a Behavioral Toolkit for Diffusing Solar
Irrigation

Monthly Progress Report

Reporting period: August 2024

Prepared by **Durham University**

1. Project Information

Project Title:	Social Innovation Through Technology Nudging: Developing a Behavioral Toolkit for Diffusing Solar Irrigation
Project Code:	WBCAR
Partner Organisation:	Curtin University Australia, University of Rajshahi Bangladesh, American International University-Bangladesh, Khulna University Bangladesh
Reporting Period:	1 August 2024- 31 August 2024
Date of Submission:	05 September 2024
Contact Name:	Dr Habib Rahman
Contact Position:	Project lead
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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: Dr Habib Rahman Designation: Associate Professor, Durham University

2. Key Achievements

- The baseline survey data cleaning is complete.
- The baseline survey data analysis and report preparation is in progress.
- The ADOPT training preparations in 28 project sites in Bangladesh are in progress.

3. Implementation Progress

Activity Title	Last Month Progress (July)	Current Month Progress (August)	Activities, and Events, planned for the subsequent month (September)
Activity 1.1: Inception Workshop (Nov-Dec 2023)	Completed	Completed	N/A
Activity 1.2: Literature review (Jan-Feb 2024)	Completed	Completed	N/A
Activity 1.3: Brainstorming with local partners (Jan - Mar 2024)	Completed	Completed	N/A
Activity 1.4: Networking with Stakeholders (Feb-Mar 2024)	Completed	Completed	N/A
Activity 1.5: The ADOPT Training Manual development (Feb-Mar 2024)	Completed	Completed	N/A
Activity 2.1: Building research teams (Feb-Mar 2024)	Completed	Completed	N/A
Activity 2.2: Survey App & baseline questionnaire	Completed	Completed	N/A

(Mar-April 2024)			
Activity 2.3: Surveyors training (Mar-April 2024)	Completed	Completed	N/A
Activity 2.4: Project site visits, farmer recruitment & baseline survey (April-May 2024)	Completed: <ul style="list-style-type: none"> The baseline survey of 1400 non-solar-farmers in 28 districts in Bangladesh 	Completed	Complete baseline survey data analysis and report Note: The baseline survey is delayed due to extreme weather conditions and farmers' harvesting seasons in project sites.
Activity 2.5: Report on farmers' behavioural traits (June 2024)	N/A	Completed: <ul style="list-style-type: none"> Baseline survey data cleaning In progress: <ul style="list-style-type: none"> Data analysis and report writing 	Complete baseline survey data analysis and report Note: Data cleaning and analysis are delayed due to the political crisis and coup (July-August) in Bangladesh.
Activity 2.6: Case study preparations (June-July 2024)	N/A	In progress: Writing of case studies	Compile and transcribe case studies collected during baseline survey, secondary document analysis of solar irrigation in Bangladesh Note: preparations are delayed due to a political crisis and coup (July-August) in Bangladesh.
Activity 3.1: Farmers' ADOPT and placebo training (June-July 2024)	N/A	In progress: <ul style="list-style-type: none"> Logistic preparations and communications with the ADOPT trainers 	Complete preparations for the ADOPT and placebo training Note: preparations are delayed due to political crisis and coup (July-August) in Bangladesh.
Activity 3.2:	N/A	Delayed	Prepare end-line survey questionnaire

Survey App & end-line questionnaire preparation (August 2024)			
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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	No training, no training manual, and no evidence of farmers' behavioral traits	0	0	Government agencies: 3 Ministry of Agriculture, GoB Ministry of Power, energy and Mineral Resources, GoB Ministry of Environment, Forest and Climate Change, GoB Citizens: 1400 Non-solar using farmers
Date		31 July 2024	31 August 2024	15 Jan 2025
Comments				
Output Indicator Description: Number of people trained (in person) (by sex, country, topic, year, participant category)				
Value	NA	0	0	NA
Date		31 July 2024	31 August 2024	15 Jan 2025
Comments				
Output Indicator Description: Number of people trained (online) (by sex, country, topic, year, participant category)				
Value	NA	0	0	NA
Date		31 July 2024	31 August 2024	15 Jan 2025
Comments				
Output Indicator Description: Number of knowledge products provided				

Value	NA			NA
Date		31 July 2024	31 August 2024	15 Jan 2025
Comments	During the reporting month, we could not submit the baseline survey report (as planned) due to delayed completion of the survey data cleaning. The data cleaning and report preparations are delayed due to political emergencies and coup in the project sites.			
Output Indicator Description: Number of people / organizations provided with knowledge products (by recipient category, type of knowledge product, country, theme)				
Value	NA	0	0	NA
Date		31 July 2024	31 August 2024	15 Jan 2025
Comments	During the reporting month, we could not submit the baseline survey report (as planned) due to delayed completion of the survey data cleaning. The data cleaning and report preparations are delayed due to political emergencies and coup in the project sites.			
Output Indicator Description: Number of events supported				
Value	NA	0	0	NA
Date		31 July 2024	31 August 2024	15 Jan 2025
Comments	During the reporting month, we did not organize any event.			
Output Indicator Description: Number of people participating in supported events				
Value	NA	0	0	NA
Date		31 July 2024	31 August 2024	15 Jan 2025
Comments	During the reporting month, we did not organize any event.			

5. Challenges, Lessons Learned, and Way Forward

During the reporting month, the team mainly faced local security and communication network challenges in completing the baseline survey data cleaning process and preparations for undertaking the ADOPT training in the project sites in Bangladesh. The country underwent a political emergency and internet shutdown/disruption for a couple of weeks in July 2024. The political coup and its aftermath disorder in the country continued till the third week of August 2024.

We tried to complete the baseline survey data cleaning and prepare the report in August 2024. However, the security and safety issues of our staff remained critical until the third week of August. We completed the data cleaning process in the last week of August.

Recently, two other challenges in the project sites to commence the ADOPT training were personnel changes in the Ministry of Agriculture, Government of Bangladesh, and flash floods in the country in August 2024. This disrupted the preparations for commencing the ADOPT training. However, we are networking with the local partners, and we expect to undertake the training in the last week of September and complete both the training and end-line survey in October-November 2024.

Annexure:



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