CLIMATE INNOVATION CHALLENGE

Monthly Progress Update

Reporting Period (Month)	21 March 2022 - 20 April 2022
Grantee Name	Curtin University, Western Australia
Project Title	Innovating Nonmonetary Interventions for Climate-smart Agriculture: An ADOPT Model for Technology Diffusion

1. List the **key activities in your workplan** undertaken/completed during this month. (PLEASE REFER YOUR WORKPLAN https://www.adpc.net/cic/index.php/03-innovations/)
   - Finalizing "A Report on the End-user Workshop";
   - Survey monitoring and cleaning of data collected; and
   - Completed field survey of 1400 farming households.

2. List additional activities (outside the workplan) undertaken during this month.
   - Field supervision, interview of solar operators and providers; and
   - Workshops and discussions on data analysis and document preparation.

3. List the key beneficiaries /stakeholders consulted during this month
   - The project consortium: the team leaders, technical experts, resource people, ministries of the Government of the People's Republic of Bangladesh, and non-profit development institutions;
   - The end-users: ADPC and CIC program, ministries of the Government of the People's Republic of Bangladesh, and faculties from different universities;
   - Solar providers including the Department of Agricultural Extension, the Government of the People's Republic of Bangladesh, and IDCOL branch offices;
   - Solar and electricity operator-farmers, solar and non-solar user farmers, local rural community leaders; and
   - Three survey teams and the technical team.

4. Summarize key achievements and milestones of this month

   During this reporting time, the main activity was to start the final field survey of farming households. Three survey teams completed 700 surveys of solar and 700 surveys of non-solar user farmers. Thus, three teams completed the survey in 14 out of 28 districts (i.e. study regions). Three team coordinators have been monitoring data collection online and in fields and the data analyzing team is cleaning data on the mWater portal. The screenshots of the survey conducted by the survey teams and survey monitoring are attached to this report.

   During this period, the document titled "A Report of the End-user Workshop" is finalized after a thorough review. Proofreading is complete and editing and formatting of the document are in progress.

5. List key challenges to be resolved

   - Verification of the sampling frame and sampling of solar and non-solar user-farmers in the rest of the study regions, i.e. in 14 out of 28 districts;
   - Coordinate with local solar providers and agricultural offices for the final survey procedure; and
   - Progress of the final survey and monitoring the rest of the survey of 1400 farming households.

6. Any additional challenges (observations/learning in terms of the applicability, scalability, and sustainability

   There was no additional issue regarding the scalability and sustainability of this project. However, the verification of the sampling frame and locations of solar plants was challenging, because there was a mismatch in the location coordinates of the solar plants which had been collected from the database. To solve this issue, the location coordinates of a solar plant are being recorded in real-time in each sub-district by the respective field supervisor(s). In addition, despite a few difficulties in communication and survey schedule plans with farmers, field supervisors were able to manage the survey task successfully in 14 out of 28 study regions.