Project Work Plan 2023-2025

Lead Organization Name	**Cropin Technology Solutions Private Limited**
Project Name	**SmartFarm - A Complete Climate Advisory Dissemination System□**
Project Start Date:	**10-Nov-2023**
Project End Date	**9-Jan-2025**
Project Country (ies)	**Bangladesh, Sri Lanka**
Implementing Partners (if applicable):	**Cultive8**

Outcome Stage	Outcome Description	Output Description	Activity Description	Timeline (Indicate X to represent the timeline)																Deliverables
				2023		2024												2025		
				NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	
System Configuration and Testing	Hosting	ADPC hosting created with relevant user roles, users created.	Working ADPC Hosting on Cropin Cloud platform	X	X															**Outcome 1:** This will Involve a systematic series of steps aimed at hosting, configuring, and testing a system within the Cropin platform i.e. CropinGrow. It begins with the setting up the hosting environment and then progresses to the creation of a detailed process map within the platform. System configuration follows, aligning the identified processes and workflows with the platform's capabilities. Mock testing is conducted to identify and address any issues or inefficiencies. Based on feedback from this stage, configuration changes are implemented. The project concludes with a thorough final testing phase to ensure the platform is fully prepared for live use. These sequential steps ensure a well-structured and reliable system implementation on the Cropin platform.
	Process mapping of the project in the platform	Process mapping document with all use cases, external dependencies, linkages with any external platforms, data	Completion of process mapping document	X	X															
	System configuration of the identified processes and work flows	ADPC hosting with all configuration done as per the processes identified.	Completion of system configuration	X	X															
	Mock testing of the platform	Successfully tested hosting for the project	Successful testing and smoothly executing platform as per the process mapping identified	X	X															
	Config changes as per mockrun feedback	Revised ADPC hosting as per changes identified	Completion of config changes	X	X															
	Final testing of the platform	Successfully tested hosting for the project	Successful testing and smoothly executing platform as per the process mapping identified	X	X															
Deployment and User Enablement	Training to the end users by the CropIn PM	Trained on-ground team to carry out farmer registration, data capture as per the proj needs.	Completion of training programs	X	X	X														**Outcome 2:** The process involves several key stages in implementing a project within the CropIn platform. It commences with end-user training, ensuring that users are well-prepared for the upcoming changes. Following this, a mock run of the workflow is conducted, involving the entire team and test data to simulate real-world operations. Once the mock run is successful, test data is archived for reference. Finally, the project proceeds to the "Go Live" phase in the identified geographies, marking the transition to live operations. This structured process ensures a smooth and well-coordinated platform deployment within the specified regions.
	Mock Run of the workflow to mirror on-the-ground operations with test data by the entire team	On-ground team tested platform	Completion of testing by on-ground team	X	X	X														
	Archiving test data	Cleaned up platform for Go Live	Clearance of all test data from the platform	X	X	X														
	Go Live in the identified geograhies	Go Live to start actual data capture	On ground team visiting farmers to start data capture	X	X	X														
Advisory Dissemination	Baseline Digitization: Farmer Profiling & GeoTag with a complete farmer and land record information digitization	Digitized data of farmer profiles and land records (geo tags)	Completion of farmer profile and land record capture	X	X	X	X	X	X	X	X									**Outcome 3:** The outcome 3 initiates with a crucial baseline digitization effort, focusing on comprehensive farmer profiling and geotagging, which involves digitizing all pertinent information related to farmers and their land records. This serves as a fundamental foundation for subsequent activities. Cropin is targetting to onboard all 8,000 farmers during the period so that farmers could receive the Climate Smart Advisories for the full one season which will be the subsequent season after onboarding. Here in season plot level monitoring will be carried out with the deployment of base models. These models are based on global models of the crops and computed over data present over a period of time globally and not hypertuned to a particular region. But the data collected through ground exercise can help CRopin in fine tunning these models for better results going forward. With the advisory framework in place, the project advances to the delivery of advisory services. These services encompass climate-smart weather forecasts, Good Agricultural Practices (GAP) recommendations, and alerts regarding pest and disease management. The effectiveness of this service is amplified through the utilization of digitized data encompassing farmer profiles and land records, which are geo-tagged to enhance precision. The project is designed to deliver outcomes that are not only informative but also actionable, ultimately supporting farmers in making informed decisions and optimizing their agricultural practices.
	Define the geography based climate smart advisories on the platform	Climate smart advisories defined on the platform	Climate smart advisories	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	Advisory Services: Sending through climate-smart weather, GAP, Pest & Disease advisories	Dissemination of advisory services, PoP information (certified by the authorized departments of respective countries), pest & disease early warning alerts	Dissemination of advisory services, PoP information (certified by the authorized departments of respective countries), pest & disease early warning alerts	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		