

Commercialization of smallholders' CA-based planters in Bangladesh



Key details

Location

Bangladesh

Duration

Start Aug 2018

End Jan 2020

Budget

AUD 250,000

Commissioned organisation

Murdoch University

Partners

Hoque Corporation; Bangladesh Agricultural University; National Bank Bangladesh; Conservation Agriculture Service Providers Association (CASPA)

Project Leader

Prof Richard Bell, Murdoch University

Program


Water

Project code

LWR/2018/111

Overview

This project aims to enable the business of mechanised planting and the demand for Versatile Multi-crop Planters (VMP) to reach a scale where no further specific public funding is needed to ensure that the services continue to be delivered and grow in Bangladesh.

This [Sustainable Development Investment Portfolio](#)  project will identify policy level bottlenecks and barriers to the adoption of CA and mechanised planting (including gender impacts); and pilot test two commercialisation models for scale out of the CA-based planter (i.e. VMP) which are needed at this critical juncture to advance the CA-based mechanisation program for smallholders in Bangladesh.

Project Outcomes

- Identifying gaps in policy, capacity, and roadblocks for the adoption of CA-based farm mechanization on small farms.
- Evaluating commercialization models for smallholders' 2-wheel-tractor-operated CA-based farm machinery (e.g. VMP).
- Assessing the opportunities and scope for 4-wheel tractor planters on small farms in Bangladesh; and initiate research on and testing of appropriate 4-wheel tractor-based CA (strip) planters.





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