

APPROPRIATE SCALE MECHANIZATION CONSORTIUM (ASMC)

Goal: Evaluate and scale transformational technologies for smallholder farmers in Asia and West African regions through Innovation Hubs and regional stakeholders to facilitate the deployment of these technologies for 5,000 smallholder farmers and on 5,000 ha of land.

- **Four-pillar approach:** Technology/Innovations, Entrepreneurship, Policy Infrastructure, and Capacity Building.
- Emphasize Gender Integration and Youth Engagement
- Partnered with over 20 organizations globally
- Identified 20 potentially scalable technologies



Gender Integration

- Burkina Faso: A total of 24 capacity building training sessions were held on various topics with a total of 942 participants, of which 264 (23%) were females
- Women in Burkina Faso reported that with the ASMC planter, a family of three and a team of oxen, they could accomplish the work of a hand planting crew of 15-20 members.
- Bangladesh: Approximately 575 participants were present in the field day program including 105 women participants and 131 women participated in transplanting activities.

Policy Change by the Ministry of Agriculture, Government of Bangladesh

- Small to medium size combine harvester models have been included in the subsidy program
- 50% subsidy all over the country and 70% at the haor areas have been allowed on combine harvester



Trained nearly **500** farmers in Burkina Faso following a train-the-trainer session in animal nutrition, nutrition composition, forage preservation techniques, and feeding strategies.

In Cambodia, Hundreds of farmers are involved in CA practice for lowland and upland crops in Battambang, Kampong Cham and Kampong Thom province. About 30 vegetable production farmers in Battambang are implementing CA commercial vegetable home gardens.

In Bangladesh, crop productivity and profitability have increased from 5.6% to 19% and from 27% to 52%, respectively.



For questions regarding the Appropriate Scale Mechanization Consortium please email asmc-uiuc@illinois.edu or visit www.asmc.illinois.edu