

 Early Warning System

ADB-59359-001

Technology Demonstrations and Investment Opportunity Identification
for Sustainable and Resilient Food Systems.



Quick Facts

Countries	Bangladesh
Financial Institutions	Asian Development Bank (ADB)
Status	Proposed
Bank Risk Rating	U
Borrower	Government of Bangladesh
Sectors	Agriculture and Forestry, Industry and Trade, Technical Cooperation
Investment Type(s)	Advisory Services



Project Description

According to the ADB, the proposed TA aims to advance sustainable and resilient food systems transformation in ADB operations in Bangladesh by piloting and demonstrating innovative and commercially viable technologies in priority value chains and strengthening institutional and technical capacities for technology adoption for ensuring food and nutrition security, developing export-oriented food value chains, achieving climate goals, and encouraging both domestic and foreign investments. TA will also support upstream activities such as feasibility study and pilot testing to develop concepts of an impactful and innovative project pipeline in Bangladesh.

Emerging technologies such as climate-smart agriculture, precision irrigation, renewable-powered cold chains, biotechnology, advanced food processing, traceability tools, waste-to-value solutions, and digital advisory platforms offer transformative opportunities to boost productivity, environmental sustainability, and nutrition values. The private sector holds significant potential to drive these innovations and investments. The commercial potential of the Bangladesh agriculture is large but has remained untapped. Bangladesh has achieved the self-sufficiency of its main staple crop, i.e., rice, and successfully increased production of commercial crops.

However, production success has not led to commercial success. For instance, Bangladesh exports less than one percent of its mango production, although it is ranked 8th largest mango producer in the world.

Bangladesh's long-term development agenda, outlined in the Perspective Plan 2021-2041, the Eighth Five-Year Plan, and the Bangladesh Delta Plan 2100, prioritizes agricultural modernization, climate resilience, food security, and improved nutrition. Commitments under the UN Food Systems Summit further emphasize sustainability, inclusiveness, and innovation across the value chain. Achieving this vision requires targeted interventions to bridge technology, policy, and financing gaps while creating an enabling environment for scaling solutions.

The proposed TA will respond to these priorities by identifying and demonstrating transformative technologies in priority value chains, strengthening institutional and human capacity for adoption, and preparing investment-ready projects to mobilize both public and private capital. It will provide structured training, targeted advisory services for technology adaptation and integration into sector strategies, and policy and regulatory support to foster innovation. By linking innovation pilots with financing, the TA will catalyze a transition toward a technology-enabled, climate-resilient, low-carbon, and nutrition-sensitive food system that delivers improved productivity, competitiveness, and livelihoods. and meets the country's long-term development and sustainability goals.



Investment Description

- Asian Development Bank (ADB)

Information on the investment amount was not provided at the time of disclosure.



Contact Information

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