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ADB

# Agriculture, Food, Nature and Rural Development Sector in Bangladesh

Business Opportunities Seminar  
Dhaka, 10 June 2026





# AFNR Priorities Areas: 5 Pillars for transforming food system



**Agriculture &  
Value Chain  
Development**



**Environment &  
Water Resources  
Management**



**Infrastructure for  
Food Systems**

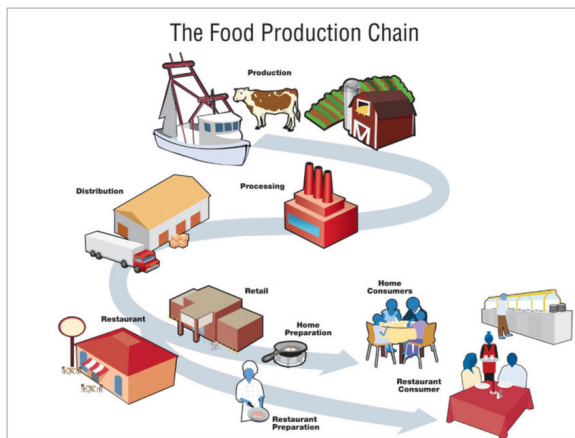


**Social Protection  
(including  
emergency food)**

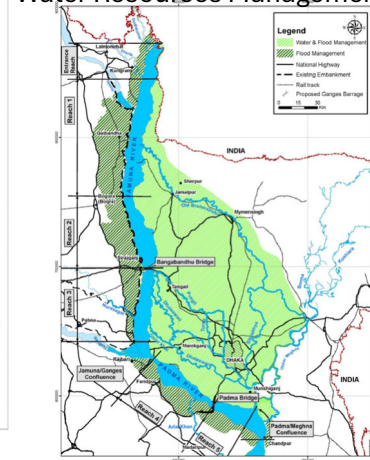


**Nutrition &  
Health**

**Green Growth, Climate Resilience and Food Security**



**Water Resources Management**



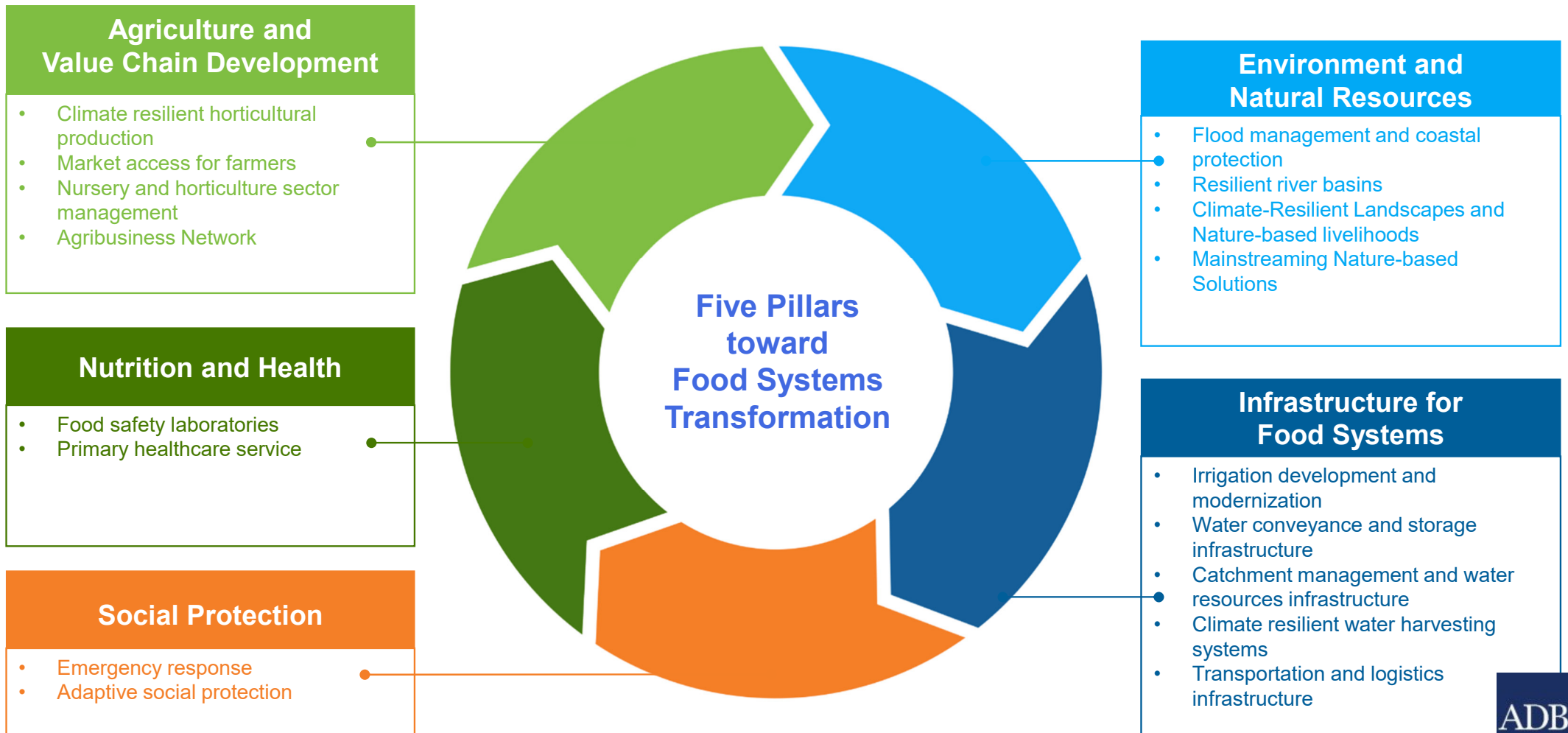
**Private Sector  
Development**

**Climate  
Resilient**

**Digital  
Transformation**



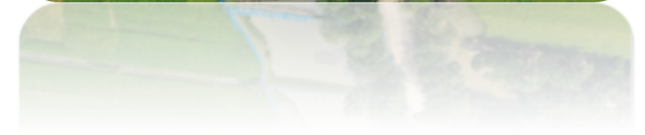
# Pathways to Achieve Food Security





# List of Ongoing Projects

Loan No	Project Name
L4440	Climate-Resilient Integrated Southwest Project for Water Resources Management
L4346	Climate and Disaster Resilient Small-Scale Water Resources Management Project
L4333	Climate-Resilient Livelihood Improvement and Watershed Management in Chittagong Hill Tracts Sector Project





# Climate-Resilient Integrated Southwest Project for Water Resources Management (CRISP-WRM)



## COST AND FINANCING

- Total: \$89.0 million
  - ADB (COL): \$71.0 million
  - Government: \$18.0 million



## BASIC INFO

- Approval: March 2024
- Signing: April 2024
- Closing: June 2029
- Executing Agency: BWDB



## OUTCOME

Climate resilience and productivity of the selected existing flood control, drainage/irrigation (FCDI) systems enhanced



## OUTPUTS

1. Capacity of water management organizations for sustainable climate resilient planning and management strengthened
2. Adaptive resilience of flood control, drainage and irrigation schemes enhanced
3. Institutional capacity for mainstreaming climate resilience, and sustainable planning and management strengthened





# Future Packages of CRISP-WRM

- Canal Re-excavation: 12 Packages, estimated amount \$8.20 million
- Regulator cum Boat-pass: 7 packages, estimated amount \$6.50 million
- River and Canal Dredging: 4 packages, estimated amount \$4.80 million
- Rehabilitation of Boat-pass: 3 packages, estimated amount \$2.20 million
- Construction of Bridges and Culverts: 4 packages, estimated amount \$2.00 million





# Climate and Disaster Resilient Small-Scale Water Resources Management Project

## COST AND FINANCING

- Total: \$225.0 million
  - ADB (COL): \$106.0 million
  - IFAD (loan) : \$42.98 million
  - GON (grant): \$17.80 million
  - Government: \$58.22 million

## BASIC INFO

- Approval: September 2023
- Signing: October 2023
- Closing: December 2029
- Executing Agency: LGED

## OUTCOME

Climate and disaster resilient agricultural productivity and profitability in selected geographic areas increased.

## OUTPUTS






1. 381 Participatory subprojects development and management improved
2. Small-scale water resources infrastructure with climate and disaster resilient features developed or enhanced
3. Agribusiness enhanced at the subdistrict and water management cooperative association levels, and vulnerable people's livelihoods supported





# Future Packages under CDRSSW

**Works include Small Scale Water Resources (SSWR) works- 330 packages (average package cost \$0.5 - \$1.0 million)**

-  Embankment construction
-  Regulator construction
-  Box culvert construction
-  WMCA office construction
-  Re-excavation of small canals

❑ Goods procurement: agricultural machineries, composite sluice gates, motorbikes- 4 packages

❑ Consultancy packages: 7 Firms (average package cost \$0.4 million)





# Climate-Resilient Livelihood Improvement and Watershed Management in Chittagong Hill Tracts Sector Project (2023-2030)

## COST AND FINANCING

- Total: \$150.0 million
  - ADB (COL): \$120.0 million
  - Government: \$30.0 million

## BASIC INFO

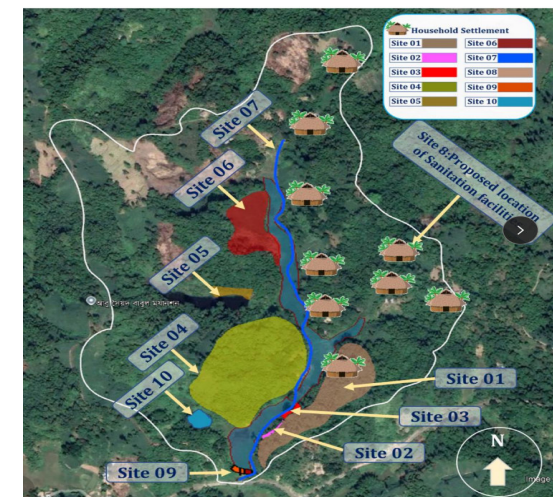
- Approval: July 2023
- Signing: October 2023
- Closing: December 2030
- Executing Agency: CHTRC, LGED

## OUTCOME

Climate-resilient livelihoods, food security and access to basic services for the rural population in the CHT, including women and SECs, enhanced

## OUTPUTS

1. Community infrastructure developed
2. Watershed management strengthened
3. Capacities and systems of agricultural production, processing, and marketing improved
4. Rural non-farm skills improved and capacities of CHT institutions strengthened
5. Rural roads improved






# Future Packages of CRLIWMP

- village access roads, including drains, footpaths and steps;
- water supply (i.e., ring wells, shallow or deep tube wells, or gravity flow systems);
- sanitation and hygiene infrastructure (i.e., latrines for households, community buildings, and schools); and rooftop solar systems;
- agriculture infrastructure including small weirs, lined channels, power tillers, and lift pumps.



-  **Indicative Packages (Future Procurement)**
- **107 Goods Packages:** For CI in union clusters.
  - **213 Works Packages:** For CI in union clusters.
  - **62 VARs Packages:** Village access roads.
  - **40 WSM Works:** For 9 subprojects.
  - **9 WSM Goods:** Tools and materials
  - **35 Rural Road Improvement**





# High-Value Crop Commercialization and Productivity Improvement Project (2026-2031)



## IMPACT

Agricultural production diversified and horticulture crop production expanded; and Quality, relevance, and responsiveness of financial products and services enhanced



## OUTCOME

Commercialization of high-value crops enhanced



## OUTPUTS

1. Investments of private sector agribusinesses in climate-resilient agricultural value chain development increased
2. Efficiency and value addition of climate-resilient high-value crops enhanced



## COST AND FINANCING

- Total: \$106 million
  - ADB (loan): \$100 million
  - Government: \$6 million
  - Executing Agency: DAE, Bangladesh Bank
- Approval Date: Q4, 2026

## Activities:



- Relending \$60 million loan to eligible agri-food SMEs operating both upstream and downstream of primary production.
- Farmers' access to high-quality and climate-resilient seeds; (ii) support aggregation of produce—through formal or informal contract farming arrangements; (iii) promote adoption of on-farm technologies, climate-adaptive agronomic techniques, and improved post-harvest handling practices; (iv) provide training for women enterprise owners in business management, entrepreneurship, and marketing.



# Adaptive River System Management Project (2027-2032)



## IMPACT

Water security in Bangladesh improved.



## OUTCOME

Flood and riverbank erosion risk along river corridors mitigated.



## OUTPUTS

Output 1: Flood and riverbank erosion mitigated.

Output 2: Riverine environment and ecosystem services enhanced.

Output 3: Community resilience and institutional capacity for flood and river erosion risk management strengthened.



## COST AND FINANCING

- Total: \$215 million
  - ADB (loan): \$150 million
  - GOB: 65 million
  - Executing Agency: BWDB
- Approval Date: Q1 2027

## Activities:



- Riverbanks strengthened with 55 km, slope wave protection-44 km, and 5 km of climate-resilient flood embankment constructed.
- Two distributary river offtakes at Jamuna River, restore of water flow in Ichamati distributary, restore Khals and Beels along 30 km of drainage, feasibility study of Dhaka Rivers Restoration Project.
- Artificial Intelligence-enabled advanced erosion prediction, real time sediment monitoring
- Community-based disaster risk management, including livelihood enhancement



# Resilient River and Canal Restoration Facility (2027-2031)



## SEFF MODDALITY

Serve as a standby financing instrument for immediate access to funding for project preparation and implementation support



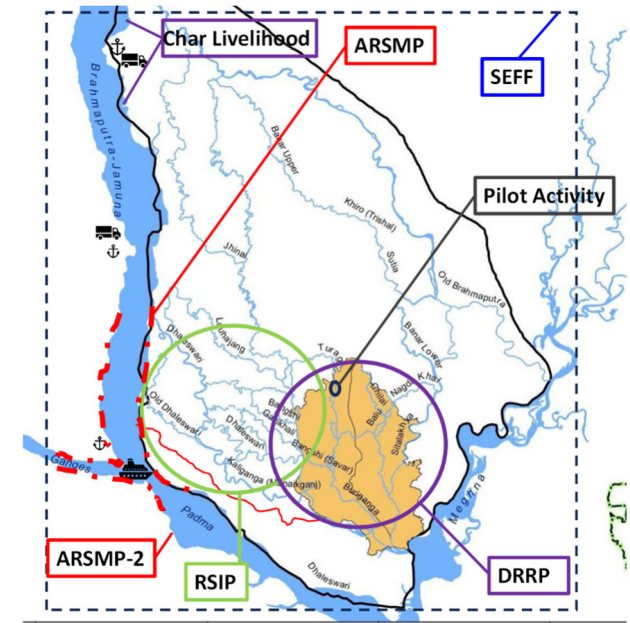
## FACILITY SCOPES

1. Developing programmatic approach framework for river restoration and management
2. Updating master plans and sector investment plans to reflect evolving priorities
3. Supporting O&M and urgent repairs of hydraulic infrastructure
4. Advancing project readiness for 2 pipeline projects
5. Providing knowledge services to strengthen institutional capacity



## COST AND FINANCING

- ADB (loan): \$30 million
- Executing Agency: BWDB
- Approval Date: Q4 2026



### Activities:

- Digital real-time monitoring and asset management, including digital mapping of water assets,
- PPP-based O&M for future consideration



# Barind Area Resilient Innovative Development Project (2027-2032)



## IMPACT

Climate resilience and livelihood in Barind area improved



## OUTCOME

Productivity, sustainability and resilience of agriculture sector in Barind region improved



## OUTPUTS

Output 1: Surface Water Irrigation and strengthening solar-powered irrigation systems.

Output 2: Promoting water-saving and low carbon agriculture production model

Output 3: Institutional capacity and policies to support sustainable, climate resilient and nutrition sensitive agriculture sector strengthened



## COST AND FINANCING

- Total: \$160 million
  - ADB (loan): \$150 million
  - Government: \$40 million
  - Executing Agency: BMDA
- Approval Date: Q2 2027



## Activities:

- 300 km khal, 500 ponds, 10 Beels will be re-excavated to ensure surface water irrigation
- 2200 Electrified Existing DTW & new LLPs will convert into solar powered and pre-paid meter system
- Promoting AWD technology, water saving farming practices and cluster farming system
- Supply of agricultural machineries and equipment



# North-Western Area Sustainable Agri-food Corridor Project (2028-2033)



## IMPACT

Food security in Bangladesh improved



## OUTCOME

Productivity, sustainability and resilience of agriculture sector in Barind region improved



## OUTPUTS

Output 1: Climate-resilient agri-food logistics infrastructure modernized  
Output 2: Digitalized market systems and value-chain integration enhanced  
Output 3: Digitalized market information systems developed  
Output 3: Institutional and community capacity strengthened for market readiness



## COST AND FINANCING

- Total: \$120 million
  - ADB (loan): \$100 million
  - Government: \$20 million
  - Executing Agency: DAE
- Approval Date: Q1, 2028



## Activities:

- Improvement of rural roads to ensure the access of farmgate to major road network
- Modernize existing agricultural wholesale markets and improve grading, sorting, and packaging functions
- Deploy modular cold chains and aggregation hubs to cut post-harvest losses; expand agro-processing capacity
- Development digitalized market information systems to access to real-time prices, demand trends, and Agricultural Practices



# Adaptive Polder Transformation – Delta (ADAPT-Delta) (2028-2033)

## COST AND FINANCING

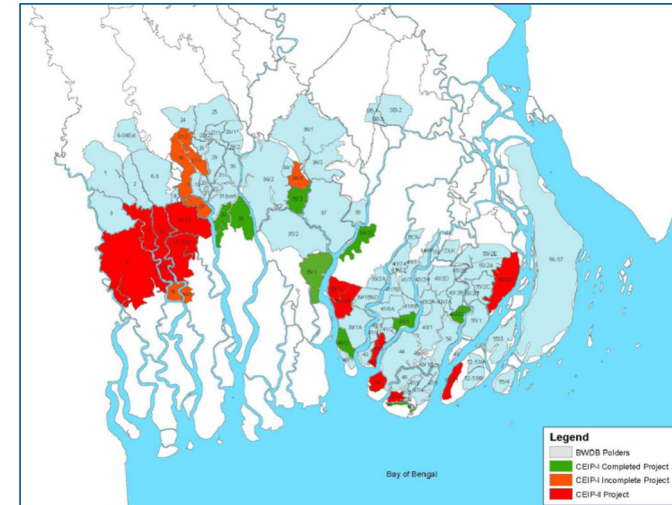
- Total: \$200 million
  - ADB (loan): \$150 million
  - ADF (grant): \$10 million
  - Government: \$40 million
- EA: BWDB
- Approval Date: Q2, 2028

## OUTCOME

Improved livelihood in Coastal Area with Climate Resilient Smart Polder Development and risk reducing from tidal flooding and frequent storm surges

## OUTPUTS

1. Climate-Resilient Infrastructure Investment
2. Institutional Strengthening, Community Capacity, and Digital Systems
3. Adaptive Transition Planning for Climate-Exposed Polders



### Activities:

Rehabilitation and re-sectioning of approximately 200 km of coastal embankments across up to seven polders in Khulna/Bagerhat

Repair or replacement of hydraulic structures, including sluice gates and regulators, and excavation of drainage canals

Development of smart polder management digital platforms and asset management systems to support operations





THANK YOU