

EMERGING AREAS

exploring and paving sector's future opportunities

STRENGTHEN CORE OPERATIONS

Regenerative Climate Smart Agriculture

- Produce more and better food with less water & energy while reducing vulnerability to drought, pests, diseases, and other climate-related risks.
- Introduce regenerative practices (e.g. avoid deforestation, improve soil condition with less use of chemicals).

CCSD

SG-ENE

Agriculture Value Chains and Agribusiness

- Digitalization and decarbonization (e.g. low carbon feed, solar agri-logistics, plant-based food, Digitally enabled traceability to reduce food loss).
- Organize small farmers into commercially viable groups through improving access to finance and infrastructure.

PSOD

SG-TRA

INTRODUCE INNOVATIONS

Mobilizing Capital for Agriculture and Food

- Develop expertise in finance and introduce innovative financial instruments to address and scale investments in climate and support farmers.
- Support start-ups, pilots, business and technology development through establishment of financing facility.

CCSD

SG-FIN

One ADB

- SOV/NSO Agribusiness projects.
- Agri-Food Logistics.
- One Health and Nutrition (e.g., animal health and safety, and zoonotic disease surveillance, school feeding).
- Nurture workforce on high tech agriculture.

PSOD

SG-HSD

SG-TRA

2023 Accomplishments

No.	DMC	Project	Amount (\$, million)	Approval date
1	IND	Himachal Pradesh Subtropical Horticulture and Value Addition Project	130.0	8 Feb. 2023
2	BAN	Flood Reconstruction and Emergency Assistance Project	230.0	22 Mar. 2023
3	NEP	Rural Connectivity Improvement Project - Additional Financing	100.0	13 Jun. 2023
4	BAN	Rural Connectivity Improvement Project-Second Additional Financing	100.0	10 Jul. 2023



2023 Accomplishments (continued)

No.	DMC	Project	Amount (\$, million)	Approval date
5	BAN	Climate-Resilient Livelihood Improvement and Watershed Management in Chittagong Hill Tracts Project	100.0	19 Jul. 2023
6	BAN	Climate and Disaster Resilient Small-Scale Water Resources Management Project	106.0	19 Sep. 2023
7	IND	Climate Resilient Brahmaputra Integrated Flood and Riverbank Erosion Risk Management Project in Assam	200.0	[2 Oct. 2023]
8	IND	Clean Plant Program for Horticulture	135.0	[8 Dec. 2023]
Total			1,101.0	

Note: Projects are indicative, pending ADB Management and Board approval, and approval timelines are subject to change.



Project Pipeline 2024

No.	DMC	Project	Amount (\$ million)
1	SRI	Agriculture Value Chain Financing and Commercialization Sector Development Program	100.0
2	IND	Bamboo Value Chain Project	60.0
3	UZB	Climate Resilient Livestock Development Project	120.0
4	MAL	Climate Change Adaptation and Resilience Project	27.5
Total			307.5

Note: Projects are indicative, pending ADB Management and Board approval, and approval timelines are subject to change.



Project Pipeline 2025

No.	DMC	Project	Amount (\$, million)
1	PHI	Mindanao Agro-Enterprise Development Project	100.0
2	BAN	Barind Area Resilient and Innovative Development Project	150.0
3	IND	Maharashtra Rural Area Connectivity Enhancement Project	400.0
4	BAN	Crop Commercialization and Productivity Improvement Project	100.0
5	IND	Climate Resilient Livelihood Support Program in Drought Prone Areas	200.0
6	IND	Assam Sustainable Wetland and Integrated Fisheries Transformation (SWIFT) Project	164.0
7	VIE	Climate Smart Agriculture Value Chain Infrastructure Development Project	50.0
Total			1,164.0

Note: Projects are indicative, pending ADB Management and Board approval, and approval timelines are subject to change.



Opportunities in TAs

TA Title	Opportunities	Cost Estimate (\$, million)	Advertisement
IND: Supporting the Transformation of Indian Agriculture System <i>(for approval in Q4 2024)</i> ^a	Consulting firm/s Individual consultants	2.0	Q4 2024

^a The TA will support multiple projects under the Ministry of Agriculture and Farmers Welfare, Government of India for project implementation support, pipeline development and project readiness, and upstream studies, knowledge and capacity development.



Opportunities in TAs

TA Title	Opportunities	Cost Estimate (\$, million)	Advertisement
IND: Strengthening Capacity to Design and Implement Water and Rural Infrastructure Facility (<i>additional financing for approval in Q4 2023</i>) ^b	Consulting firm/ Individual consultants	2.0	Q4 2024

^b TA is expected to support preparation of the following projects in India:

- (i) Sustainable Tourism Enhancement for Livelihood Improvement for Meghalaya;
- (ii) Holistic Development of Tehri Lake and its Catchment (Uttarakhand);
- (iii) Technical Support for National Bank for Agriculture and Rural Development (NABARD);
- (iv) Sustainable Wetland and Integrated Fisheries Transformation project in Assam; and
- (v) Bamboo Value Chain Project in the Northeast India.



Opportunities in Projects (2023-2025)

Loan	Scope	Date	Procurement Opportunities
IND: Building India's Clean Plant Program ADB Focal: Sunae Kim Loan Amount: \$98 million	Design and build contract for high-tech greenhouses	Q4 2023	2 OCB-national advertisement D&B contracts = \$7.9m
	Building (office including laboratory)	Q4 2023	2 OCB-national advertisement works contracts = \$14.8m
	Equipment for laboratory, greenhouses, and office	Q4 2023	4 OCB-national advertisement goods contract = \$6.2m
	Communication and outreach service provider	Q4 2023	1 consulting firm contract = \$0.6m
	Engineering design (laboratory and office building)	Q4 2023-Q4 2025	3 consulting firm contracts = \$1.9m
	Construction supervision	Q4 2023-Q4 2025	6 consulting firm contracts = \$ 1.2m
	Project implementation support consultants at PMU and PIUs (for the new Clean Plant Program Wing and 6 Clean Plant Centers across India)	Q4 2023-Q22025	Multiple contracts: National experts = \$12.9m International experts = \$0.6m

Opportunities in Projects (2023-2025)

Loan	Scope	Date	Procurement Opportunities
BAN: Climate Resilient Livelihood Improvement and Watershed Management in Chattogram Hill Tracts ADB Focal: Sanath Ranawana Loan Amount: \$100 million	Rural roads, bridges, village access roads	Q4 2023-Q4 2024	29 OCB-national advertisement works contracts = \$28.1m
	Vehicle, road roller, excavator, and others	Q4 2023-Q4 2024	14 OCB-national advertisement goods contracts = \$2.3m



Opportunities in Projects (2023-2025)

Loan	Scope	Date	Procurement Opportunities
IND: Himachal Pradesh Subtropical Horticulture and Value Addition Project ADB Focal: Sunae Kim Loan Amount: \$130 million	Civil Works 1. 2nd phase of implementation (2,000 ha horticultural land) i. Large water storage schemes ii. Land preparation iii. Drip irrigation iv. Animal proof fencing 2. Construction of Center for Excellence	Q2 2024	OCB national advertisement (package with lots) i. est. \$3 million ii. est. \$3 million iii. est. \$08 million iv. est. \$13 million 2 OCB national adv. est. \$1.5 million
	Goods – Supply of Planting Materials, Horticultural Inputs, and Farm Equipment (for 6,000 ha of horticultural land)	Q4 2023	RFQ (multiple small contracts) - \$13 million estimated total budget
	Consulting Services – small teams of consultants for Internal Audit, Digital Agricultural Technologies, Capacity Building, Horticultural Nursery Development and Research)	Q1 2023 (in phases)	OCB National adv (CQS, LCS) - \$4.5 million estimated total (8-11 contracts)

Thank You!

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