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**12TH ASIAN DEVELOPMENT BANK BUSINESS OPPORTUNITIES FAIR 2024**

9-10 OCTOBER 2024 | 9 A.M. to 5 P.M. | ADB HEADQUARTERS, MANILA

# Agriculture, Food, Nature, and Rural Development Sector Office (SG-AFNR) Sectors Group

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Emerging Areas Team  
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# Emerging Areas

exploring and paving sector's future opportunities

Regenerative / Climate-Smart Agriculture	Sustainable and Inclusive Agrifood Value Chain Development	Agriculture/ Agribusiness Financing	Nutrition and Innovations
<ul style="list-style-type: none"> <li>Promote climate-smart agriculture (e.g., climate-resilient crop varieties, integrated pest management, water-saving technologies, agroforestry).</li> <li>Introduce regenerative practices/ natural farming (e.g., no/minimum tillage, no/less agrochemical use, permanent soil cover, multi-crop production, no weeding).</li> </ul>	<ul style="list-style-type: none"> <li>Develop agrifood value chain engaging smallholders and generating off-farm/non-farm employment through investment in agrifood logistic infra.</li> <li>Promote safety and trade of agrifood products.</li> <li>Decarbonize agrifood value chains (e.g., energy- and water-saving technologies and practices, reduce food loss and waste).</li> </ul>	<ul style="list-style-type: none"> <li>Promote innovative financial instruments to address the issue of access to finance in the agrifood sector (e.g., farmers, cooperatives, agri-MSMEs).</li> <li>Facilitate access to carbon credits in the agrifood sector.</li> </ul>	<ul style="list-style-type: none"> <li>Mainstream nutrition</li> <li>Promote plant health through clean planting materials development and dissemination.</li> <li>Promote one health through animal health management.</li> <li>Promote digital/advanced technologies and practices and nurture workforce.</li> <li>Support urban farming.</li> </ul>
<p>CCSD</p>	<p>PSOD SG-TRA/ENE RCI CCSD</p>	<p>CCSD SG-FIN</p>	<p>PSOD SG-HSD CCSD</p>



# Lending Pipeline 2024-2025

No.	DMC	Project	Amount (\$ million)
1	MLD	Enhancing Climate Resilience and Food Security Project	25.95
2	IND	Sustainable Wetland and Integrated Fisheries Transformation Project in Assam	76.00
3	IND	Inclusive and Sustainable Bamboo Value Chain Development in Northeastern India	53.00
4	UZB	Climate Resilient Livestock Development Project	120.00
5	SRI	Agriculture Value Chain Financing and Commercialization Sector Development Program	100.00
6	BAN	Crop Commercialization and Productivity Improvement Project	120.00
<b>Total</b>			<b>525.95</b>



# Lending Pipeline 2026

No.	DMC	Project	Amount (\$ million)
1	ARM	Agricultural Value Chain Development for Enhanced Food Security Project	50.0
2	CAM	Agricultural Transformation Acceleration Project	120.0
3	IND	India Cluster Development Program 2.0	100.0
4	IND	Madhya Pradesh Climate Resilient Agri-Transformation Project	120.0
5	IND	Dairy Development in Uttarakhand	100.0
6	IND	Rainfed Areas Climate Resilient Agriculture	100.0
7	PNG	Fresh Food Marketing Chain System Development Project	40.0
8	VIE	Climate Smart Agriculture Value Chain Infrastructure Development Project	105.0
<b>Total</b>			<b>735.0</b>



# Nonlending Pipeline 2024-2026

No.	DMC	Project	Amount (\$ million)
1	BAN	Support for the Climate Resilient Livelihood Improvement and Watershed Management in Chittagong Hill Tracts Sector Development Project	0.5
2	MLD	Enhancing Climate Resilience and Food Security Project	0.5
3	IND	Sustainable Wetland and Integrated Fisheries Transformation Readiness Project	1.2
4	Multi-region	Food system transformation through agroclimatic services and early warning systems	1.0
5	Multi-region	Integrating Sovereign and Nonsovereign Operations in Agribusiness	1.0
6	PNG	Preparing the Fresh Food Marketing System Project (under TA58063-001-REG)	1.0
<b>Total</b>			<b>5.2</b>





# Opportunities

Loan and TA	Scope/Description	Advertisement	Procurement Opportunities
<p><b>MLD: Enhancing Climate Resilience and Food Security Project</b></p> <p>ADB focal: Michiko Katagami</p> <p>Project amount: \$25.95 million</p> <p>TA amount: \$1.5 million</p>	<p>Mangrove and groundwater hydrology modeling and detailed design study; marine and coastal modeling and detailed design study (TA)</p>	<p>Q4 2024</p>	<p>2 consulting firms contracts = \$0.92m</p>
	<p>Construction supervision consultant; capacity building program for maldives meteorological service</p>	<p>Q4 2024</p>	<p>2 consulting firms contracts = \$1.16m</p>
	<p>Project implementation consultants: weather observatory specialist, coastal engineer, agro-meteorologist, mangrove ecologist, urban agriculture expert, SME finance specialist</p>	<p>Q1 2025-Q1 2026</p>	<p>International experts = \$1.45m</p>
	<p>Design, supply and installation/repair of radar systems</p>	<p>Q4 2024</p>	<p>2 contracts = \$4.45m</p>
	<p>Design-build upgrading of HAC facilities</p>	<p>Q4 2024</p>	<p>1 contract = \$2m</p>
	<p>Coastal protection and inland flood protection works (including bioswale) at Kulhudhuffushi</p>	<p>2026</p>	<p>Multiple contracts = \$8.5m</p>



# Opportunities

Loan	Scope/Description	Advertisement	Procurement Opportunities
<b>IND: Building India's Clean Plant Program</b>  ADB Focal: Sunae Kim  Loan Amount: \$98 million	Design and build contract for high-tech greenhouses	2025	2 OCB-national advertisement D&B contracts = \$7.9m
	Building (office including laboratory)	2025	2 OCB-national advertisement works contracts = \$14.8m
	Equipment for laboratory, greenhouses, and office	2025	4 OCB-national advertisement goods contract = \$6.2m
	Engineering design (laboratory and office building)	2025	3 consulting firm contracts = \$1.9m
	Construction supervision	From 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 2024- Q22025	Multiple contracts: National experts = \$12.9m International experts = \$0.6m



# Project Spotlight

## MLD: Enhancing Climate Resilience and Food Security Project

**Modality: Grant**

**Amount: \$25.95 million**

**Approval: 2024**

Subsectors: (i) Agriculture, natural resources and rural development;  
(ii) Water and other urban infrastructure services

The project will support Maldives' efforts to reduce the vulnerability of island communities to climate risks by (i) improving institutional and community capacities for climate change adaptation; (ii) implementing effective flood and coastal protection with nature-based solutions; (iii) introducing climate-smart technologies and practices in agri-food systems; and (iv) promoting climate adaptation businesses and services, and urban farming. Over the long term, the project will contribute to improving the country's climate and disaster resilience, and food and nutrition security.







# Project Spotlight

## India: Building India's Clean Plant Program

**Modality: Loan**

**Amount: \$98 million**

**Approval: 2023**

**Subsectors:** (i) Agriculture research and application; (ii) Agricultural policy, institutional and capacity development; (iii) Agro-industry, marketing and trade

The project aims to improve horticulture crop farmers' access to certified disease-free planting materials. This will improve yields, crop quality, and climate resilience of horticulture crops in India in the long-term. The project will (i) enhance institutional and regulatory frameworks to implement the Clean Plant Program for horticulture; (ii) develop clean plant centers that maintain disease-free foundation materials that will be propagated later by accredited nurseries; and (iii) increase propagation of disease-free planting materials under the certification scheme by accrediting private nurseries, and testing and certifying their planting materials. The preliminary target crops of the project are almond, apple, avocado, berries, citrus, grapes, guava, lychee, mango, pomegranate, and walnut.



# Thank you!

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