



## Climate Adaptation and Resilience for South Asia (P171054)

SOUTH ASIA | South Asia | Urban, Resilience and Land Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2020 | Seq No: 7 | ARCHIVED on 28-Jun-2023 | ISR56333 |

Implementing Agencies: Asian Disaster Preparedness Center (ADPC), Asian Disaster Preparedness Center (ADPC), The Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES), The Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES)

**Key Dates****Key Project Dates**

Bank Approval Date: 12-May-2020

Effectiveness Date: 10-Jul-2020

Planned Mid Term Review Date: 30-Nov-2022

Actual Mid-Term Review Date: 16-Jun-2022

Original Closing Date: 05-Aug-2025

Revised Closing Date: 05-Aug-2025

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

To contribute to an enabling environment for climate-resilient policies and investments in select sectors and countries in South Asia.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

**Components Table**

Name

Promoting Evidence-based Climate Smart Decision Making:(Cost \$10.00 M)

Enhancing Policies, Standards and Capacities for Climate Resilient Development:(Cost \$24.00 M)

Project Management and Specialized Support:(Cost \$5.50 M)

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Unsatisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Unsatisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

**Implementation Status and Key Decisions**

Component 1 implemented by RIMES started to observe results from the decision support system (DSS) development in Bangladesh and capacity building efforts in Pakistan. A total of seven decision support system (DSS) prototypes in three countries were developed. For the Department of Livestock Services in Bangladesh, RIMES has developed a prototype system called the National Livestock Advisory System (NLAS). NLAS is already experimentally operational, generated "Special Bulletin for Heat Stress for Livestock," and disseminated advisory voice messages to 44,148 farmers and extension workers in 13 districts during April 11-16, 2023, in close coordination with the Livestock and Dairy Development Project (P161246). RIMES familiarized a total of 180 government officials in Bangladesh and Pakistan with DSS products during the training called the Climate Applying Forum (CAF). During the CAF in Pakistan, the Pakistan Meteorological Department (PMD) has tasked its forecasters/climate scientists to review and refine the seasonal outlook based on advice from RIMES. PMD is planning to issue a refined climate outlook for the monsoon season, within a few days following the CAF. Under Subcomponent 2.4, the initial M&E reports from the innovators indicate that



approximately 8,000 citizens may have benefitted from the innovative solutions crowdsourced by ADPC to date. The restructuring of Component 2 is underway to streamline the project design, scale up Subcomponent 2.4, and improve cost efficiency.

**Risks**

**Systematic Operations Risk-rating Tool**

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	☐ Substantial	☐ Substantial	☐ Substantial
Macroeconomic	☐ Low	☐ Low	☐ Low
Sector Strategies and Policies	☐ Moderate	☐ Moderate	☐ Moderate
Technical Design of Project or Program	☐ Moderate	☐ Substantial	☐ Substantial
Institutional Capacity for Implementation and Sustainability	☐ Moderate	☐ Substantial	☐ Substantial
Fiduciary	☐ Substantial	☐ Substantial	☐ Substantial
Environment and Social	☐ Moderate	☐ Moderate	☐ Moderate
Stakeholders	☐ Substantial	☐ Substantial	☐ Substantial
Other	--	☐ Low	☐ Low
Overall	☐ Moderate	☐ Substantial	☐ Substantial

**Results**

**PDO Indicators by Objectives / Outcomes**

Regional cooperation and information for climate resilience enhanced				
► Users in select sectors satisfied with access to data, information, and/or analytics in Regional Resilience Data and Analytics Services (RDAS) platform (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	0.00	70.00
Date	12-May-2020	15-Mar-2022	14-Jun-2023	05-Aug-2025
► Users in select sectors satisfied with decision support systems and tools developed under the project (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	70.00



Date	12-May-2020	15-Mar-2022	14-Jun-2023	05-Aug-2025
Climate resilience in policies, planning and investments in focus countries enhanced				
▶ Regional climate resilience guidelines for select sectors incorporated into national standards (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	12-May-2020	15-Mar-2022	14-Jun-2023	05-Aug-2025
▶ Sectoral investments supported to include climate risks and resilient design in select sectors (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	12-May-2020	15-Mar-2022	14-Jun-2023	05-Aug-2025
▶ Trainees in select sectors satisfied with training provided under the project based on its relevance, coherence, effectiveness, impact, and sustainability (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	0.00	70.00
Date	12-May-2020	15-Mar-2022	14-Jun-2023	05-Aug-2025
Comments:	Based on the training of 180 officials on Climate Application Forum organized by RIMES during the reporting period, 90% of trainees were satisfied.			
□ Trainees in select sectors satisfied with training provided by RIMES under the project based on its relevance, coherence, effectiveness, impact, and sustainability (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	70.00

### Intermediate Results Indicators by Components

Promoting Evidence-based Climate Smart Decision Making				
▶ A regional-level resilience data and analytics services platform (RDAS) developed and accessible (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	3.00	5.00
Date	12-May-2020	16-Mar-2022	14-Jun-2023	05-Aug-2025



Comments:	1. RDAS prototype completed 2. RDAS user interface created and available to be connected with existing/new DSSs 3. RDAS experimentally operational			
<b>► Climate-informed decision-making tools and systems developed/enhanced in focus countries (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	7.00	40.00
Date	12-May-2020	15-Mar-2022	14-Jun-2023	05-Aug-2025
Comments:	6 Prototypes for DLS, DoR, NDRRMA, MoPDSI, PAD, BAD 1 Experimental system for DLS			
<input type="checkbox"/> New climate-informed decision-making tools and systems developed (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	7.00	32.00
Date	12-May-2020	15-Oct-2021	14-Jun-2023	05-Aug-2025
<input type="checkbox"/> Existing sectoral decision-making tools and systems enhanced (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	12-May-2020	15-Oct-2021	14-Jun-2023	05-Aug-2025
<b>► Gender-disaggregated data analytics developed that contributes to narrow the gender gap in climate change vulnerability (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	12-May-2020	15-Oct-2021	14-Jun-2023	05-Aug-2025
Comments:	Gender disaggregated data analytics is being incorporated into the MoPDSI DSS (Pakistan).			

<b>Enhancing Policies, Standards and Capacities</b>				
<b>► Number of regional climate resilience guidelines for key sectors developed (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	12-May-2020	16-Mar-2022	14-Jun-2023	05-Aug-2025



▶ Number of national sectoral standards with climate resilience incorporated (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	12-May-2020	16-Mar-2022	14-Jun-2023	05-Aug-2025
▶ Government officials trained in targeted units/departments to apply climate resilient standards and data analytics in policies, planning and investments (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	180.00	3,669.00
Date	12-May-2020	16-Mar-2022	14-Jun-2023	05-Aug-2025
Comments:	Climate Application Forum (CAF) training organized by RIMES in Bangladesh on June 11, 2023: 52 participants CAF in Pakistan organized by RIMES on June 15, 2023: 128 participants Total CAF participants: 180			
<input type="checkbox"/> Women are trained among the staffs trained within targeted units/departments (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
<input type="checkbox"/> Government officials trained in targeted units/ departments in Bangladesh to apply climate resilient standards and data analytics in policies, planning and investments (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	52.00	945.00
Date	12-May-2020	--	14-Jun-2023	05-Aug-2025
<input type="checkbox"/> Government officials trained in targeted units/ departments in Nepal to apply climate resilient standards and data analytics in policies, planning and investments (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	1,080.00
Date	12-May-2020	--	14-Jun-2023	05-Aug-2025
<input type="checkbox"/> Government officials trained in targeted units/ departments in Pakistan to apply climate resilient standards and data analytics in policies, planning and investments (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	128.00	1,174.00
Date	12-May-2020	--	14-Jun-2023	05-Aug-2025



<input type="checkbox"/> Government officials trained in targeted units/ departments in South Asia to apply climate resilient standards and data analytics in policies, planning and investments (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	470.00
Date	12-May-2020	--	14-Jun-2023	05-Aug-2025
<b>► Number of national policies and plans supported to become climate risk informed (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	9.00
Date	12-May-2020	16-Mar-2022	14-Jun-2023	05-Aug-2025
<b>► Number of community-based organizations trained to plan, design and manage risk-informed community infrastructure (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	12-May-2020	16-Mar-2022	14-Jun-2023	05-Aug-2025
Comments:	ADPC plans to train 20 CBOs by September 2023 on hazard, vulnerability, and risk assessment of community transport infrastructure (e.g., access roads) and on integrated water resources management for maintaining community irrigation systems. By December 2024, ADPC plans to train 30 additional CBOs on community irrigation systems.			
<b>► Number of innovative resilient solutions crowd sourced through Climate Innovation Challenge and TechEmerge Resilience Challenge (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	24.00	23.00	10.00
Date	12-May-2020	16-Mar-2022	14-Jun-2023	05-Aug-2025

**Performance-Based Conditions**

**Data on Financial Performance**

**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P171054	IDA-D6210	Effective	USD	24.00	24.00	0.00	9.00	14.75	38%
P171054	IDA-D6220	Effective	USD	12.00	12.00	0.00	2.66	9.33	22%

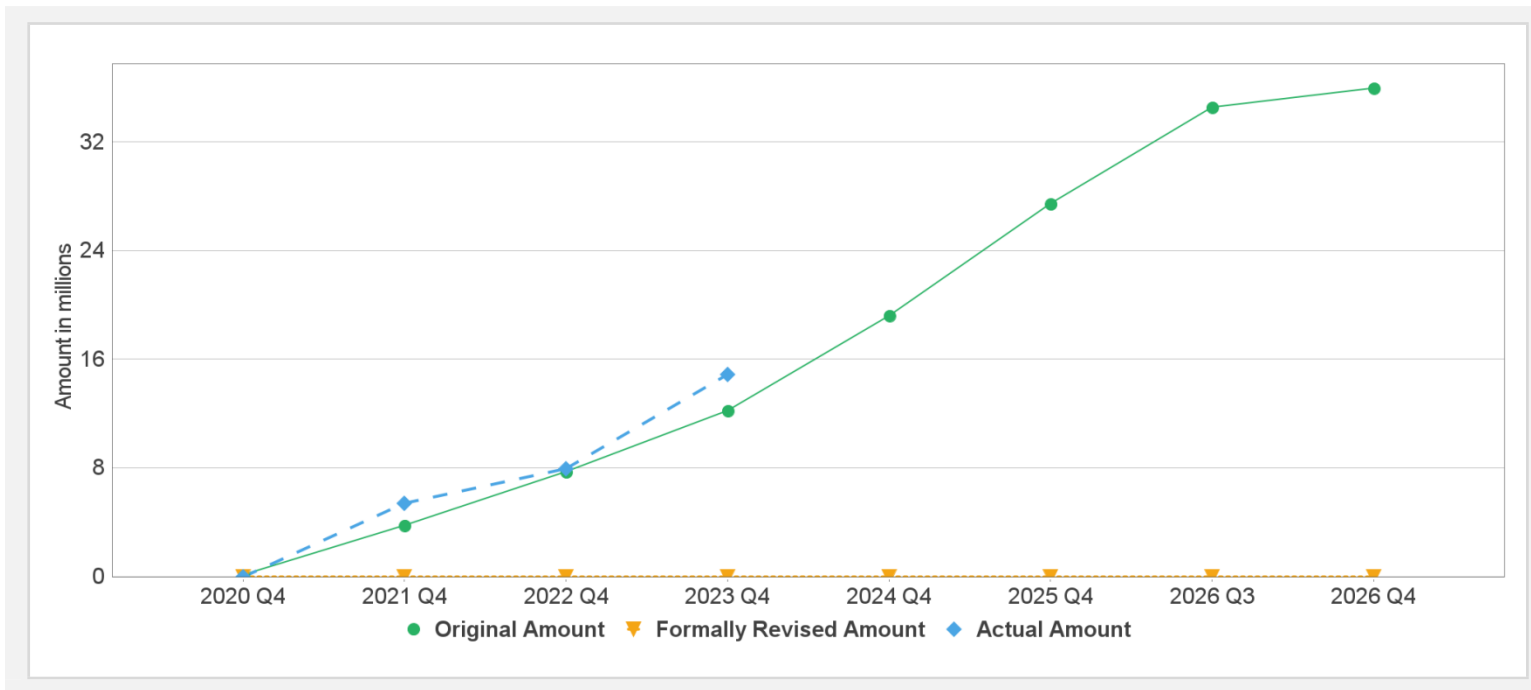


P171054	TF-B2642	Closed	USD	3.50	3.21	0.29	3.21	0.00	<div style="width: 100%; height: 10px; background-color: green;"></div>	100%
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**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P171054	IDA-D6210	Effective	12-May-2020	28-May-2020	10-Jul-2020	05-Aug-2025	05-Aug-2025
P171054	IDA-D6220	Effective	12-May-2020	27-May-2020	10-Jul-2020	05-Aug-2025	05-Aug-2025
P171054	TF-B2642	Closed	12-May-2020	28-May-2020	10-Jul-2020	28-Aug-2022	28-Aug-2022

**Cumulative Disbursements**



**Restructuring History**

Level 2 Approved on 31-Aug-2022 ,Level 2 Approved on 26-May-2023

**Related Project(s)**

There are no related projects.