



Punjab Green Development Program (P165388)

SOUTH ASIA | Pakistan | Environment & Natural Resources Global Practice | Requesting Unit: SACPK | Responsible Unit: GEN06
IBRD/IDA | Program-for-Results | FY 2018 | Team Leader(s): Jiang Ru

Seq No: 1 | ARCHIVED on 30-Jul-2018 | ISR32969 | Created by: Jiang Ru on 05-Jun-2018 | Modified by: Jiang Ru on 28-Jul-2018

Program Development Objectives

Program Development Objective (from Program Appraisal Document)

The Program's development objective is to strengthen environmental governance and promote green investments in Punjab.

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	--	● Satisfactory
Overall Implementation Progress (IP)	--	● Satisfactory

Implementation Status and Key Decisions

This is the initial ISR. The Program was approved by the World Bank's Board on May 25, 2018. Its legal agreements were signed on May 29, 2018. The project is expected to be launched in early September 2018 after the new government becomes fully functional.

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P165388	IDA-62470	Not Effective	USD	200.00	200.00	0.00	0.00	193.50	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
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Program Action Plan

Action Description	Formal establishment of the Program Steering Committee				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Planning & Development Department	No		01-Oct-2018		Not Yet Due



Comments	Due 1 month after effectiveness
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Action Description	Formal establishment and adequate staffing of the Program Coordination Unit				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Planning and Development Department	No		01-Oct-2018		Not Yet Due
Comments	Due 1 month after effectiveness				

Action Description	Formal nomination and adequate staffing of the PDUs in key implementing departments				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Dpt of Energy, Transport, and Finance	No		01-Oct-2018		Not Yet Due
Comments	Due 1 month after effectiveness				

Action Description	Establishment of a social cell within the SPIU				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Environment Protection Department	No		30-Nov-2018		Not Yet Due
Comments	Due 3 months after effectiveness				

Action Description	Development of standard operating procedures (including for chance finds) for land acquisition for green building and low-cost wastewater treatment pilots				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Environment Protection Department (SPIU)	No		30-Nov-2018		Not Yet Due
Comments	Due 3 months after effectiveness				

Action Description	Development of annual implementation plans based on MTFD/ADP allocation consistent with Program RF and DLI requirements				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
EPD, FD, Transport, Energy	No		31-Oct-2018		Not Yet Due
Comments	Annual plans to be prepared by each of the EPD, FD, and Departments of Transport and Energy, and consolidated by the EPD for PSC approval. Due 2 months prior to each FY (first plan to be approved no later than 2 months after effectiveness)				



Action Description	Develop environmental management plans for closed STZ tanner sites				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Tanners, EPD	No		29-Jun-2020		Not Yet Due
Comments	Tanners to prepare; EPD to review. Due 3 months before the relocation of a tanner to STZ				

Action Description	Development, adoption, and implementation of a Program M&E framework				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Environment Protection Department (SPIU)	No		28-Feb-2019		Not Yet Due
Comments	Framework including data collection, analysis and reporting requirements (indicators, grievances, labor issues, fraud and corruption allegations) and frequency, staff assignments, and budget arrangements. Due 6 months after effectiveness.				

Action Description	Strengthening of Financial Management system				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Environment Protection Department (SPIU)	No		28-Feb-2019		Not Yet Due
Comments	Includes appointment of qualified staff, generation of consolidated financial reports; develop manual depicting controls applied; and adopt Program internal auditing function. Due 6 months after effectiveness.				

Action Description	Develop and implement an online Program Management Information System				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Environment Protection Department (SPIU)	No		28-Feb-2019		Not Yet Due
Comments	Including a website showing all procurement information and documents; a system for handling procurement complaints. Due 6 months after effectiveness.				

Action Description	Establish Open Data Portal and Regime				
Responsibility	Recurrent	Frequency	Due Date	DLI#	Status
Environment Protection Department (SPIU)	No		28-Feb-2019		Not Yet Due
Comments	Portal aligned with EPD's information disclosure platform, including (a) Open Data Standards; (b) Platform for Open Data Analysis; and (c) Training on Open Data and Analysis. Due 6 months after effectiveness.				

Risks

Systematic Operations Risk-rating Tool

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

Comments

This is the initial ISR.

Results

PDO Indicators by Objectives / Outcomes

Strengthening Environmental Governance				
▶1. Average time to obtain Initial Environmental Examination approval of investments with low safeguards risks (Days, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	160.00	--	160.00	90.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023
▶2. Stack emission and effluent discharge inspections carried out by EPA (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	400.00	--	400.00	2,250.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023



▶3. Disclosure of environmental information and citizen engagement (cumulative number of State of Punjab Environment reports) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023

Promoting Green Investments				
▶4. Volume of carbon emissions avoided from green investments supported (cumulative tons CO2e) (Metric ton, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	339,000.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023
▶5. Volume of new public and private capital leveraged for green investments (US\$, cumulative) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100,000,000.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023

Intermediate Results Indicators by Results Areas

Strengthening Environmental Governance				
▶1.1. Socially responsive new or updated law, policies, and regulations (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	--	1.00	6.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023
▶1.2. Socially responsive new or updated environmental standards (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	67.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023



▶2.1. Monitoring stations operational for air quality monitoring (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	6.00	--	6.00	30.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023
▶2.2. Monitoring stations operational for water quality monitoring (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	15.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023
▶2.3. Inspection teams at EPA (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	12.00	--	12.00	35.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023
▶3.1. Annual public consultation events on State of Punjab's Environment report organized in different cities (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	5.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023
▶3.2. Number of nongovernmental institutions participating in annual public consultations on State of Punjab's Environment report (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	10.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023
▶3.3. An interactive EPD platform for public inputs in environmental management (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023

Promoting Green Investments

►4.1. Energy savings in public institutions under the Program (cumulative GWh) (Gigawatt-hour (GWh), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	72.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023

►4.2. Proportion of registered motor vehicles with valid emission certificates under the expanded VICS program (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	15.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023

►5.1. Number of industrial firms that received financial support from the Program for RECP investments (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	500.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023

►5.2. Investment in RECP technologies by SMEs supported by the Program (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	10,000,000.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023

►5.3. Capitalization of the EEf (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	55,000,000.00
Date	25-May-2018	--	28-Jun-2018	30-Jun-2023

Disbursement Linked Indicators

►DLI 1 Improving EPD Capacity (Output, 25,000,000.00, 0%)

	Baseline	Actual (Previous)	Actual (Current)	FY23
Value	Limited EPD enforcement	--	Smog control policy	The EPA has



	capacity and low number of inspections performed annually		approved	carried out at least (i) 2,000 inspections for industrial effluents, and (ii) 250 inspections for stack emissions
Date	--	--	28-Jun-2018	--
Comments				

►DLI 2 Air and Water Quality Monitoring (Output, 30,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	FY23
Value	Only 6 air quality and 0 water quality monitoring stations available for Punjab	--	No new air and water quality monitoring stations installed	--
Date	--	--	28-Jun-2018	--
Comments				

►DLI 3 Disclosure of Environmental Information and Citizen Engagement (Intermediate Outcome, 20,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	FY23
Value	Limited disclosure of environmental information and citizen engagement	--	No change	EPD has published the third State of Punjab's Environment report covering CY2022 and has carried out related stakeholder consultations
Date	--	--	28-Jun-2018	--
Comments				

►DLI 4 Sound Management of Plastics (Output, 10,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	FY23
Value	No policy in place to manage plastic waste	--	No policy in place to manage plastic waste	--
Date	--	--	28-Jun-2018	--
Comments				



►DLI 5 Energy Efficiency Investments in Public Institutions (Outcome, 20,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	FY23
Value	Energy-inefficient appliances installed in targeted public institutions	--	No change	--
Date	--	--	28-Jun-2018	--
Comments				

►DLI 6 Vehicle Compliance with Emission Standards (Intermediate Outcome, 15,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	FY23
Value	Private motor vehicles not covered by the Vehicle Inspection And Certificatation System	--	No change	--
Date	--	--	28-Jun-2018	--
Comments				

►DLI 7 Green Investments by Polluting Industries (Intermediate Outcome, 30,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	FY23
Value	SMEs have limited technical and financial capacity for adoption of RECP technologies	--	No change	--
Date	--	--	28-Jun-2018	--
Comments				

►DLI 8 Mobilization of Sustainable Green Financing (Intermediate Outcome, 50,000,000.00, 0%)				
	Baseline	Actual (Previous)	Actual (Current)	FY23
Value	No dedicated and sustainable source of financing available for green projects	--	No change	The EEF has generated at least US\$5 million in revenue and has committed at least 30% of this revenue to eligible projects
Date	--	--	28-Jun-2018	--
Comments				


