



## State of Maharashtra's Agribusiness and Rural Transformation Project (P168310)

SOUTH ASIA | India | Agriculture and Food Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2020 | Seq No: 5 | ARCHIVED on 22-Jun-2022 | ISR51569 |

Implementing Agencies: Department of Agriculture, Government of Maharashtra, Republic of India

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

Bank Approval Date: 17-Dec-2019

Effectiveness Date: 23-Mar-2020

Planned Mid Term Review Date: --

Actual Mid-Term Review Date:

Original Closing Date: 31-Mar-2027

Revised Closing Date: 31-Mar-2027

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The project development objective is to support the development of inclusive and competitive agriculture value chains, focusing on smallholder farmers and agri-entrepreneurs in Maharashtra.

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

No

**Components** Table

Name

Component A: Enhancing Institutional Capacity to Support Agricultural Transformation.:(Cost \$42.20 M)

Component B: Expanding Market Access and Supporting Enterprise Growth.:(Cost \$204.50 M)

Component C: Building Risk Mitigation Mechanisms.:(Cost \$20.20 M)

Component D: Project Management, Monitoring and Learning.:(Cost \$33.10 M)

**Overall Ratings**

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

**Implementation Status and Key Decisions**

Since the previous mission in September 2021, the project has taken several actions to advance pace of project implementation. Some of the notable actions completed have been discussed below.

**Enhancing Institutional Capacity to Support Agricultural Transformation**

- The baseline functional review of the Department of Agriculture and the Directorate of Marketing has been completed with the support of technical agencies, and initial work towards the development of IT applications and system integrations is underway. Partnership discussions for the establishment of stewardship councils for commodities are underway.

**Expanding Market Access and Supporting Enterprise Growth**

- A second call for proposals was completed by the project, under which 5,920 proposals were received. Shortlisting of proposals submitted for supporting Farmer Producer Organizations to connect to organized markets are underway and need to be expedited to improve



disbursements. A total of 26 pilot sub-projects from 48 CBOs have been sanctioned. The SMART Cotton sub-project implementation is progressing well, and several capacity building activities have also been undertaken by the project.

**Building Risk Mitigation Mechanisms**

- Establishment of the agricultural market intelligence cell and risk mitigation cell is underway. Several analytical activities and studies have been undertaken by the project to inform activities/pilots of interventions under the project. Estimates have been received for renovation and construction of PACs and CBO warehouses and are being reviewed by MSWC.

**Project Management, Monitoring & Learning**

- Procurement of a technical agency for M&E has been completed and preparatory activities for project reporting have begun.

However, project implementation and expenditure are substantially behind schedule and two key areas need to be addressed urgently. Firstly, project staffing needs to be put in place as per the revised staffing pattern approved by the Government of Maharashtra so that project activities can be implemented as designed. Secondly, assessment, selection and financing of sub-proposals received from Community Based Organizations (CBOs) needs to be completed so that project activities can be scaled up on the ground.

**Risks**

**Systematic Operations Risk-rating Tool**

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

**Results**

**PDO Indicators by Objectives / Outcomes**

Increase in net price realization at producer level				
▶ Increase in net price realization at producer level (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	33.00



Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	Measured in real terms by increase in the gross value of marketed output less costs at producer level over Baseline value. Gross value is defined as the product of selling price and output sold to the sub-project. Costs will include costs of cultivation and marketing to the sub-project. The indicator will be a composite indicator measuring the profitability accruing to project beneficiaries from sub-projects relating to 6 commodities viz. cotton, maize, pigeon pea, banana, tomato and goat.			

## Full Time Equivalent jobs generated in beneficiary firms

## ► Full Time Equivalent jobs generated in beneficiary firms (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	9,700.00

Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	Measured by number of incremental full time equivalent (FTE) jobs in beneficiary firms, disaggregated by gender and social category. Beneficiary firms refer to the project supported CBOs and project supported enterprises.			

## ☐ Of which, to female beneficiaries (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4,700.00

## ☐ Of which, to SCs and STs (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,950.00

## Private sector finance mobilized by the project

## ► Private sector finance mobilized by the project (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	28,000.00	1,325,333.00	58,500,000.00

Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	This indicator measures the amount of private sector finance mobilized by the project. Private sector finance refers to the amount of debt raised by project beneficiaries as a part of beneficiary contribution towards the sub-projects. The contribution from VSTF has also been included.			

## Farmers reached with agricultural assets or services

## ► Farmers reached with agricultural assets or services (Number, Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
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Value	0.00	10,000.00	119,000.00	1,900,000.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	<p>This indicator measures the number of farmers who were provided with agricultural assets or services as a result of World Bank project support. "Agriculture" or "Agricultural" includes: crops, livestock, capture fisheries, aquaculture, agroforestry, timber, and non-timber forest products. Assets include property, biological assets, and farm and processing equipment. Biological assets may include animal agriculture breeds (e.g., livestock, fisheries) and genetic material of livestock, crops, trees, and shrubs (including fiber and fuel crops). Services include research, extension, training, education, ICTs, inputs (e.g., fertilizers, pesticides, labor), production-related services (e.g., soil testing, animal health/veterinary services), phytosanitary and food safety services, agricultural marketing support services (e.g., price monitoring, export promotion), access to farm and post-harvest machinery and storage facilities, employment, irrigation and drainage, and finance. Farmers are people engaged in agricultural activities or members of an agriculture-related business (disaggregated by men and women) targeted by the project.</p>			
<input type="checkbox"/> Farmers reached with agricultural assets or services - Female (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	45,000.00	820,000.00
<input type="checkbox"/> Of which, SC and ST farmers (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	15,000.00	245,000.00

**Intermediate Results Indicators by Components**

Enhanced institutional capacity to support agricultural transformation				
▶ Progress against outcome goals tracked and reported annually by DoA (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Oct-2019	15-Feb-2021	15-Feb-2021	29-Mar-2027
Comments:	<p>This indicator, measures whether the outcome goals defined and accepted by the Department of Agriculture are met by the Department and reported annually. The DLI is linked to meeting the outcome goals as well as reporting the same annually on the agreed upon platform. DoA denotes Department of Agriculture, Government of Maharashtra.</p>			
▶ Annual ranking of markets in Maharashtra and publication of the same (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Oct-2019	15-Feb-2021	15-Feb-2021	29-Mar-2027
Comments:	<p>DoM will develop ranking of market health indicators. This indicator tracks whether such rankings have been generated and reports thereof are published by DoM. DoM denotes Department of Marketing, Government of Maharashtra.</p>			



► Functional Agriculture Stewardship Councils established (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	01-Oct-2019	15-Feb-2021	15-Feb-2021	29-Mar-2027
Comments:	This indicator measures the number of functional Agriculture Stewardship Councils established. A functional Agriculture Stewardship Council is defined as one contributing to one or more policy recommendations based on a Vision Document and Institutional Development Plan.			

Expanding market access and supporting enterprise growth				
► Productivity for select commodities (mt/ha) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	0.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	This indicator measures increment in the productivity of select five agricultural commodities (cotton-lint, maize, pigeon pea, banana, tomato). Baseline productivity is measured across all districts. From year 1 onwards, the productivity will be measured in the project districts.			
☐ Cotton - Lint (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.29	0.29	0.29	0.43
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
☐ Maize (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.91	2.91	2.91	3.58
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
☐ Pigeon pea (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.93	0.93	0.93	1.14
Date	01-Oct-2019	15-Feb-2021	01-Jun-2021	29-Mar-2027
☐ Banana (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	52.29	52.29	52.29	64.37



Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
□ Tomato (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	23.39	23.39	23.39	28.79
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
▶ Average goat live weight (kg) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	16.00	16.00	16.00	19.70
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	This indicator measures the live weight of an average goat (as a commodity) at 6 months (measured in kilograms). Baseline average live weight is measured across all districts. From year 1 onwards, the average live weight of goat (at 6 months) will be measured in the project districts.			
▶ Beneficiaries meeting quality standards set by sub-projects (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	70.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	This indicator measures the percentage of beneficiaries meeting the standards set by the sub-project. Each sub-project is expected to have a set of quality standards that will be made known to the potential beneficiaries of the project.			
▶ Market linkages established with the support of the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	11.00	120.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2021	29-Mar-2027
Comments:	This indicator measures the number of unique market linkages that will be established with the support of the project.			
▶ Project supported enterprises making incremental investments (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	Individual entrepreneurs aiding the development of the project Value Chains will be supported by the project. Preference would be given to those enterprises which support the overall objectives of the sub-project. Enterprises are those which support sub project objectives in the given geography. This is further segregated by women entrepreneurs and by social category entrepreneurs.			



<input type="checkbox"/> Of which, female entrepreneurs (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,200.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
<input type="checkbox"/> Of which, SC and ST entrepreneurs (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	400.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
<b>► Volume of credit accessed from FIs by CBOs and enterprises supported by the project (Amount(USD), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	48,571,000.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	This indicator measures the volume of credit accessed by project supported CBOs and Enterprises from Financial Institutions (FIs).			
<input type="checkbox"/> Of which, by female-led CBOs and female entrepreneurs (Amount(USD), Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20,000,000.00
<input type="checkbox"/> Of which, by SC and ST entrepreneurs (Amount(USD), Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,714,000.00
<b>Building risk mitigation mechanisms</b>				
<b>► Beneficiaries who are aware of market intelligence given by the project (Number (Thousand), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	660.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Oct-2027
Comments:	Project beneficiaries will be given market information such as price forecasts which are helpful in taking decisions on storing or selling the produce. This indicator measures whether the project beneficiaries are aware about the market intelligence generated by the project.			
<input type="checkbox"/> Of which, female beneficiaries (Number (Thousand), Custom Breakdown)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	198.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
☐ Of which, SC and ST beneficiaries (Number (Thousand), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	85.80
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
▶ Warehouse receipts issued to project beneficiaries (Number (Thousand), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	518.99
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	This indicator measures the number of beneficiaries to whom warehouse receipts (WRs) are issued. WRs will include the WRs issued by the CMAs and are acceptable to bankers linked to the CMAs.			
☐ Of which, to female beneficiaries (Number (Thousand), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	51.90
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
☐ Of which, to SC and ST beneficiaries (Number (Thousand), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	67.47
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Project management, monitoring, and learning				
▶ Grievances registered related to delivery of project benefits that are actually addressed (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	85.00
Date	01-Oct-2019	15-Feb-2021	01-Jun-2022	29-Mar-2027
Comments:	This indicator measures the transparency and accountability mechanisms established by the project so that the target beneficiaries have trust in the processes and are willing to participate, and feel that their grievances are attended to promptly. Thus, the project monitoring system should provide information on the number of complaints received against the number actually resolved.			





## Performance-Based Conditions

►PBC 1 Institutional realignment and strengthening of Department of Agriculture and allied departments towards outcomes (Text, Output, 6,920,000.00, 0.00%)				
	Baseline	Actual (Previous)	Actual (Current)	Year 7 (2026-27)
Value	Agri programs remain focused on input subsidy provision, not outcomes.	Agri programs remain focused on input subsidy provision, not outcomes.	Agri programs remain focused on input subsidy provision, not outcomes.	--
Date	--	28-Feb-2020	28-Feb-2020	--

►PBC 2 Enhanced staff capacity of DoA to achieve outcomes (Text, Output, 5,600,000.00, 0.00%)				
	Baseline	Actual (Previous)	Actual (Current)	Year 7 (2026-27)
Value	Mismatch in staff skills and capacity for market-oriented technical service provision and promoting private sector investments.	Mismatch in staff skills and capacity for market-oriented technical service provision and promoting private sector investments.	Mismatch in staff skills and capacity for market-oriented technical service provision and promoting private sector investments.	--
Date	--	28-Feb-2020	28-Feb-2020	--

►PBC 3 Enhanced market linkages, food quality and safety standards for focus geographies and commodities (Text, Intermediate Outcome, 7,700,000.00, 0.00%)				
	Baseline	Actual (Previous)	Actual (Current)	Year 7 (2026-27)
Value	Weak policy and institutional framework to support agri- transformation	Weak policy and institutional framework to support agri- transformation.	Weak policy and institutional framework to support agri- transformation.	--
Date	--	28-Feb-2020	28-Feb-2020	--

## Data on Financial Performance

## Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
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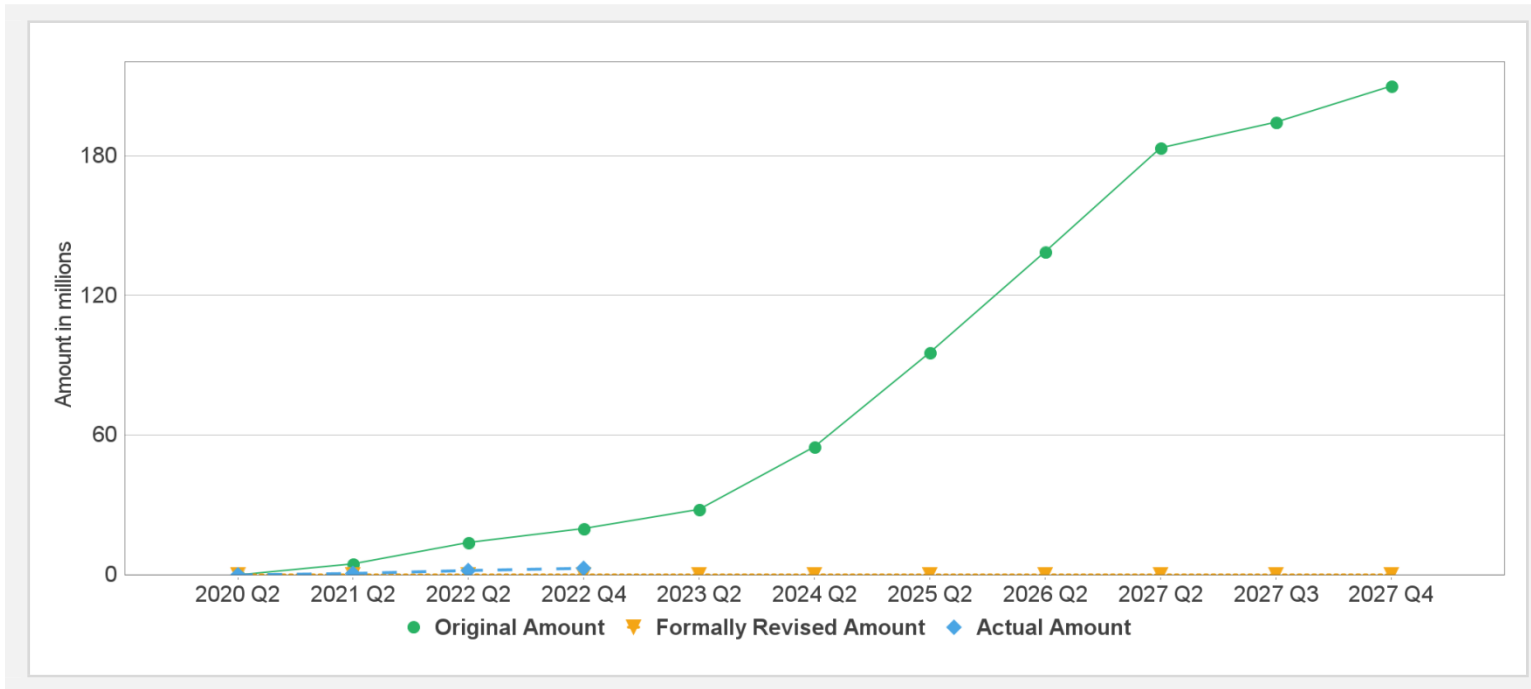


P168310	IBRD-90310	Effective	USD	210.00	210.00	0.00	3.24	206.76	<div style="width: 100%; height: 10px; background-color: #ccc; position: relative;"> <span style="position: absolute; left: 0; top: -2px; bottom: -2px; background-color: #2e7d32; width: 100%;"></span> </div>	1.5%
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**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P168310	IBRD-90310	Effective	17-Dec-2019	24-Jan-2020	23-Mar-2020	31-Mar-2027	31-Mar-2027

**Cumulative Disbursements**



**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.