



Sustainable Agriculture Transformation Project (P145055)

EAST ASIA AND PACIFIC | Vietnam | Agriculture and Food Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 15 | ARCHIVED on 29-Jun-2022 | ISR52117 |

Implementing Agencies: Ministry of Agriculture and Rural Development, SOCIALIST REPUBLIC OF VIETNAM

Key Dates

Key Project Dates

Bank Approval Date: 30-Jun-2015	Effectiveness Date: 03-Dec-2015
Planned Mid Term Review Date: 03-Dec-2018	Actual Mid-Term Review Date: 03-Dec-2018
Original Closing Date: 31-Dec-2020	Revised Closing Date: 30-Jun-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to improve farming practices and value chains in the targeted project areas, and promote institutional strengthening of relevant public agencies in effective support to implementation of the Agricultural Restructuring Plan.

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

No

Components Table

Name

- Component A: Institutional Strengthening to Support Agricultural Transformation:(Cost \$10.00 M)
- Component B: Supporting Sustainable Rice-Based Systems:(Cost \$224.10 M)
- Component C: Supporting Sustainable Coffee Production and Rejuvenation:(Cost \$100.90 M)
- Component D: Project Management:(Cost \$13.00 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	☐ Satisfactory	☐ Satisfactory
Overall Implementation Progress (IP)	☐ Satisfactory	☐ Satisfactory
Overall Risk Rating	☐ Low	☐ Low

Implementation Status and Key Decisions

The project has achieved all the five project development indicators and all the intermediate result indicators.

- **PDO1:** The project has reached 983,407 direct project beneficiaries (surpassing the end project target of 800,000 by 23 percent), of which 50% are female.
- **PDO2:** The area under sustainable farming practices has reached 184,643 hectares for rice (representing 123% of the end target of 150,000 hectares) and 70,446 hectares for coffee (representing 141% of the end target of 50,000 hectares).



- **PDO 3:** Targeted rice and coffee farmers increased their average net profit per hectare by 31.6% and 22.4%, respectively (against the project-end targets of 20% for both rice and coffee).
- **PDO 4:** The project’s promotion of sustainable rice production practices has reduced Greenhouse Gas (GHG) emissions by 1,582,299 tons of CO2 equivalent (exceeding the project-end target of 1,000,000 tons by 58 percent).
- **PDO 5:** The Department of Planning under MARC has completed the assessment of public service delivery, which the results showed that all 4 targeted departments of MARC and all ten (10) selected provinces had satisfactory ratings.

The Bank team will start preparing the Implementation Completion Results Report (ICRR). The draft of the Bank ICRR will be shared with the Government for review and comments in November 2022 and finalized in December 2022.

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

The PDO Indicators				
▶ PDO1. Number of project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	966,711.00	983,407.00	800,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	123% of the target. The number of beneficiaries exceeded the project target. PPMUs changed the way of conducting training. Instead of providing 6-day training courses of 3R3G before delivering 1M5R courses,			



PPMUs conducted training of 1M5R for farmers directly. This helped save costs and reached more beneficiaries. Also, PPMUs conducted Farmer Field Schools (FFS) and on-farm workshops (1 day) instead of 6-day and 3-day refresher training. The project also increased communication activities to reach more beneficiaries.				
□ Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	50.00	50.00	50.00
▶ PDO2. Farming area under sustainable farming practices: a) rice production (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	175,442.00	184,643.00	150,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	123% of the target for rice and 141% of the target for coffee. This is mainly attributed to the effectiveness of training and extension activities. Once farmers were convinced by the benefits of the improved farming practices, they adopted them fairly quickly. It also created increased demand from farmers for coffee rejuvenation			
□ b) Coffee production (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	66,129.00	70,446.00	50,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
▶ PDO3. Increase in net profits per hectare among targeted farmers: a) rice production (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	28.60	31.60	20.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	158% of the target for rice. The increased profit is attributed to adopting good agriculture practices (GAP), which helped reduce production costs for seeds, fertilizers, pesticides, and post-harvest loss while increasing productivity and prices by about 5-10%. 112% of the target for coffee. Similar to rice, adopting GAP helped reduce production costs and increase yields in coffee plantations.			
□ b) coffee production (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	19.40	22.40	20.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022



► PDO4. Reductions in GHG emissions from rice farming in the project area (Tons/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,492,636.00	1,582,299.00	1,000,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	158% of the target. This is attributed to adopting alternate wetting and drying (AWD) irrigation techniques, which helped reduce the flooded days, and GAP adoption which helped reduce inorganic fertilizers used.			
► PDO5. Improved quality of service delivery by MARD and DARDs in support of project implementation measured by performance scorecard: a) MARD (departments) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	4.00	4.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	100% of the target. MARD target departments included DOP, PPD, DOC, and NAEC. 10 target provinces included Ha Giang, Quang Ninh, Vinh Phuc, Nam Dinh, Thanh Hoa, Ha Tinh, Lam Dong, Binh Dinh, Binh Duong, and Dong Thap.			
□ b) DARDs (provinces) (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	10.00	10.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022

Overall Comments

All PDO indicators have been achieved and some were exceeded.

Intermediate Results Indicators by Components

Component A: Institutional Strengthening to Support Agricultural Transformation				
► A.1: Improved performance in budget execution by MARD measured by a reduction in the discrepancy between budget allocations and end-of-year budget out-turns (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	49.90	30.60	20.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	153% of the target.			



► A.2: An MTEF covering MARD's investment and recurrent expenditure and MTEFs for DARDs (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	3.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	100% of the target.			
► A.3: Adoption of improved subsector ARPs in selected MARD departments (departments) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7.00	7.00	3.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	233% of target. The project supported the preparation of the ARP for the agriculture sector and six subsectors (i.e., crops, livestock, fisheries, forestry, agro-forestry-fisheries processing, and irrigation). Based on these ARPs, MARD's ARP for the agriculture sector for 2017-2020 was approved by the PM in Decision 1819/QĐ-TTg dated November 16, 2017. In addition, the project also supported the preparation of ARPs for seven pilot provinces, including Vinh Phuc, Nam Dinh, Thanh Hoa, Ha Tinh, Binh Dinh, Lam Dong, and Dong Thap.			

Component B: Supporting Sustainable Rice-Based Systems				
► B.1: Area of rice farming under sustainable farming practices as measured by reductions in pesticide and fertilizer use (ha) (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	203,992.00	208,951.00	150,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	153% of the target.			
► B.2: Area of sustainable rice farming applying improved farming and post harvest packages to reduce water use and post harvest losses each by 30% (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	129,695.00	135,247.00	75,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	180% of the target.			
► B.3: Area of sustainable rice farming under contract farming arrangements with agribusinesses (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	61,372.00	74,234.00	50,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	148% of the target.			
► B.4: Investments by project-supported agribusinesses in additional milling/ processing capacity (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	33,271,129.00	55,650,000.00	40,000,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	139% of the target. The figure of US\$ 33.27M reported in the previous mission was a mistake, as it only reflects the loans from the IDA credit line. In addition to loans from the project LOC, PFIs also lent these ABs around US\$32.27 million from PFIs' funds. Altogether, these 10 ABs have received US\$55.65 million of medium-term loans to invest in additional milling/ processing capacity in the rice subsector.			

Component C: Supporting Sustainable Coffee Production and Rejuvenation				
► C.1: Coffee area adopting sustainable farming practices as measured by reductions in pesticide and fertilizer use: (a) Existing Plantations (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	50,721.00	53,200.00	40,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	133% of the target for existing plantations and 183% of target for coffee rejuvenation.			
□(b) Rejuvenation (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	17,046.00	18,283.00	10,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
► C.2: Coffee area adopting advanced water saving irrigation technologies and reduce water use by at least 20% in the project areas (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	54,707.00	57,868.00	22,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	263% of the target.			
► C.3: Area replanted with certified planting materials in the project areas (Hectare(Ha), Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	21,754.00	22,271.00	7,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	318% of the target.			
► C.4: Number of pilot coffee-based landscape management plans developed in project areas (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	5.00	5.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	100% of the target.			

Component D: Project Management				
► Farmers reached with agricultural assets or services (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	480,796.00	491,650.00	170,000.00
Date	04-Nov-2014	30-Nov-2021	31-May-2022	30-Jun-2022
Comments:	Target exceeded. The total number of household farms reached with agricultural services are 245,825 households, of 178,370 is rice farmers and 67,482 are coffee farmers (two farmers per household on average).			
□ Farmers reached with agricultural assets or services - Female (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	240,398.00	245,825.00	40,000.00

Overall Comments

All intermediate results indicators have been achieved or exceeded.

Performance-Based Conditions

Data on Financial Performance

Disbursements (by loan)

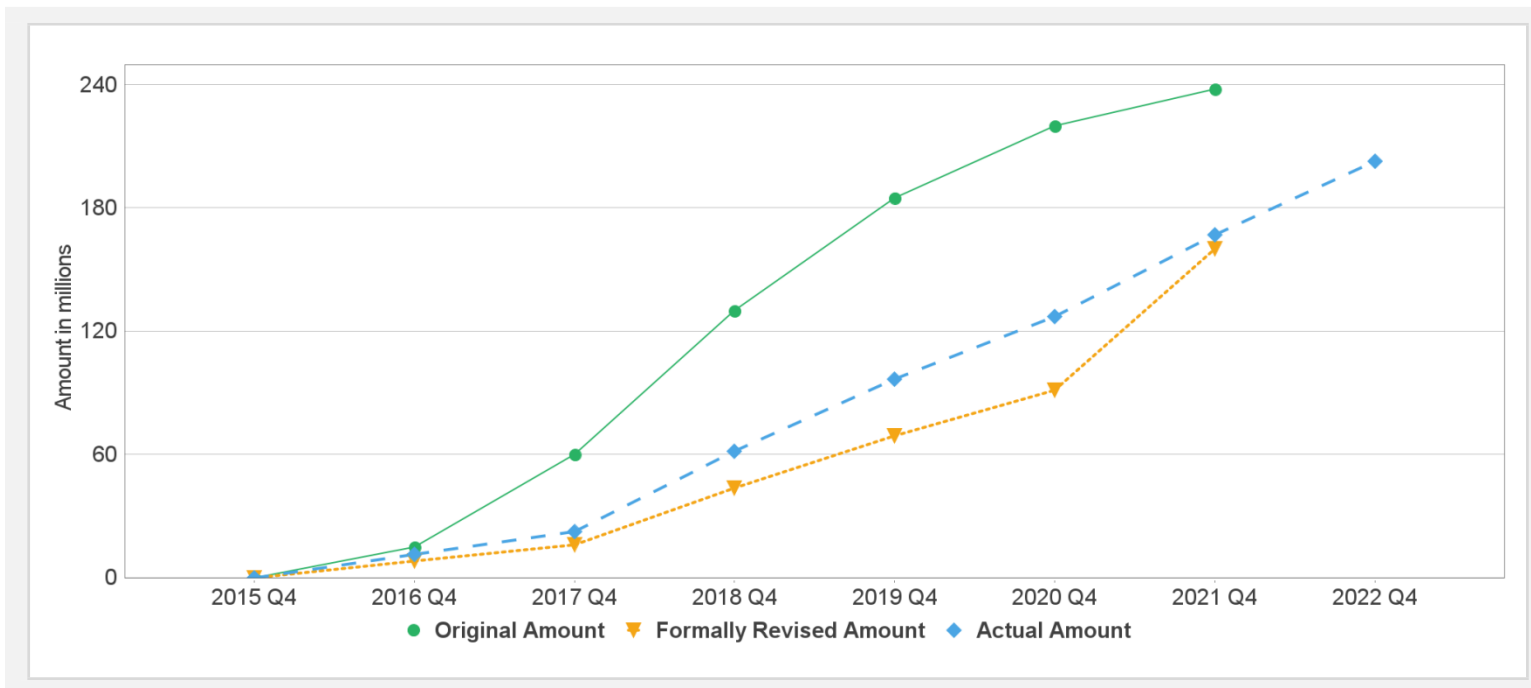


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P145055	IDA-57040	Effective	USD	238.00	222.60	15.40	202.69	20.74	91%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P145055	IDA-57040	Effective	30-Jun-2015	09-Jul-2015	03-Dec-2015	31-Dec-2020	30-Jun-2022

Cumulative Disbursements



Restructuring History

Level 2 Approved on 21-Dec-2020 ,Level Approved on 04-Jan-2021

Related Project(s)

There are no related projects.