

Implementation Status & Results
India
Himachal Pradesh Mid-Himalayan Watershed Development Project (P093720)

Operation Name: Himachal Pradesh Mid-Himalayan Watershed Development Project (P093720) Project Stage: Implementation Seq.No: 15 Status: ARCHIVED Archive Date:

Country: India Approval FY: 2006
 Product Line: IBRD/IDA Region: SOUTH ASIA Lending Instrument: Specific Investment Loan
 Implementing Agency(ies): Mid-Himalayan Watershed Development Project

Key Dates

Board Approval Date	13-Dec-2005	Original Closing Date	31-Mar-2012	Planned Mid Term Review Date	Last Archived ISR Date	28-May-2011
Effectiveness Date	24-Feb-2006	Revised Closing Date	31-Mar-2013	Actual Mid Term Review Date	18-Nov-2009	

Project Development Objectives

Himachal Pradesh Mid-Himalayan Watershed Development Project (P093720)

Project Development Objective (from Project Appraisal Document)

The primary objective of the proposed project is to reverse the process of degradation of the natural resource base and improve the productive potential of natural resources and incomes of the rural households in the project areas. The secondary objective is to support policy and institutional development to harmonize watershed development projects and policies across the State in accordance with best practices.

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

Yes No

Component(s)

Component Name	Component Cost
Institutional Strengthening	11.28
Watershed Development	44.97
Enhancing Mountain Livelihoods	11.23
Project Coordination	7.48

Overall Ratings

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

Implementation Status Overview

The Mid-Himalayan Himachal Pradesh Watershed Development Project has performed consistently in achieving its development objective, and has made notable achievements through the introduction of innovative Government Orders in the State. Four major activities are making a visible impact in project areas, which are (i) the expansion of areas under irrigation # 7,109 hHa as of June 2011 # through various water conservation and decentralized water resource management techniques, (ii) the increase in productivity (about 139 percent% increase over the baseline) and production of high value agriculture crops, with significant increases in household incomes, (iii) the extensive production and use of vermi-compost (6,000 metric tons per year) which has substantially reduced the use of chemical fertilizer, and (iv) formation of 1,500 farmers# milk federations and linking them into a milk chilling plant. In addition, the project has also made a substantial impact in building the capacity of the PRI system and its# functioning at the GP level.

Locations

Country	First Administrative Division	Location	Planned	Actual
India	State of Himachal Pradesh	Solan		
India	State of Himachal Pradesh	Sirmaur		
India	State of Himachal Pradesh	Shimla		
India	State of Himachal Pradesh	Mandi		
India	State of Himachal Pradesh	Kulu		
India	State of Himachal Pradesh	Kangra		
India	State of Himachal Pradesh	State of Himachal Pradesh		
India	State of Himachal Pradesh	Hamirpur		
India	State of Himachal Pradesh	Chamba		
India	State of Himachal Pradesh	Bilaspur		

Results

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Increase in real income	<input type="checkbox"/>	Text	Value	Rs. 60,520 per HH	13% over baseline at MTR	20% over baseline
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments		Data available at final impact assessment	
Increase in production and coverage of grasses, bushes and trees	<input type="checkbox"/>	Text	Value	Production: 4.0 Q/Ha; 1800/ Ha; 200/ Ha	Plantation has reached 10,956 ha.	50% over baseline
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments		Data available at final impact assessment	

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Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Increase in yields of milk, paddy, wheat, maize, and horticulture	<input type="checkbox"/>	Text	Value	3 ltrs./day/animal; 15 Qtls./Ha; 12 Q/Ha; 13 Q/Ha; 60 Kg/plant	Overall 13% over baseline at MTR	50% over baseline
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments		Data available at final impact assessment.	
Degree to which the Project has influenced State policies for watershed development	<input type="checkbox"/>	Text	Value	N/A	The project's micro-watershed approach forms the model for catchment area treatment and other watershed projects in the state, such as NREGA	Substantial
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			

Intermediate Results Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Self Help Groups with atleast Rs. 5000 in accounts	<input type="checkbox"/>	Text	Value	100	1,095	2,000
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			
User Groups established and taking care of resources in a sustainable manner	<input type="checkbox"/>	Text	Value	250	2,573	2,500
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			
Treatable areas of non-arable land treated	<input type="checkbox"/>	Text	Value	0	53% (152,923 ha)	60%
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments	137,500 ha		
Treatable areas of arable land treated	<input type="checkbox"/>	Text	Value	0	51%	60% (28,328 ha)
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			
% of the eligible households have benefitted by the Mountain Livelihood Fund through business plans	<input type="checkbox"/>	Percentage	Value	0.00	42.00	60.00
			Date	01-Jan-2006	26-Sep-2011	31-Mar-2013
			Comments			25,000 families

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Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
80% of user groups in place with bank account and operations & maintenance policy for the resources they use	<input type="checkbox"/>	Percentage	Value	0.00	40.00	80.00
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments	2,000 user groups to be formed by the project	1,512 UGs have O&M Policy in place	
50% GP meetings with quorum (two third attendance)	<input type="checkbox"/>	Percentage	Value	0.00	68.00	50.00
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments	602 project GPs		
GPs incentive scheme is properly in place and competitively granted (qualitative measurement)	<input type="checkbox"/>	Yes/No	Value	No	Yes	Yes
			Date	18-Nov-2009	26-Sep-2011	31-Mar-2013
			Comments	Incentive scheme not in place		Incentive scheme in place
50% of GPs have participatory monitoring and evaluation system in place and providing regular feedback	<input type="checkbox"/>	Percentage	Value	0.00	68.00	50.00
			Date	18-Nov-2009	26-Sep-2011	31-Mar-2013
			Comments		204 GPs have PME in place	
20% increase in fodder availability over baseline	<input type="checkbox"/>	Percentage	Value	0.00	25.00	20.00
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments	About 2,000 ha under fodder cultivation		
20% farmers to have upgraded livestock	<input type="checkbox"/>	Percentage	Value	9.50	25.00	20.00
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments	out of a total of 160,000 farmers		
50% of farmers to have access to improved veterinary care either through public facility or through community-managed veterinary care	<input type="checkbox"/>	Percentage	Value	25.00	58.00	50.00
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments	40,000 farmers had access		
Two thirds of GPs with tribal or nomad populations settled in project area are represented in watershed committees	<input type="checkbox"/>	Text	Value	2/3	80% represented	2/3
			Date	18-Nov-2009	26-Sep-2011	31-Mar-2013
			Comments	Around 20-50 GPs have more than 50% transhumant		
20% increase over baseline in area under high-value crops	<input type="checkbox"/>	Percentage	Value	0.00	139.00	20.00
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013

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			Comments	Around 4,000 ha with high value crops	Production increased by 73%, while productivity increased by 172%.	
50 % increase in 23 selected demonstrative streams/springs	<input type="checkbox"/>	Percentage	Value	0.00	100.00	50.00
			Date	18-Nov-2009	26-Sep-2011	31-Mar-2013
			Comments	Approximately 6 liters/min	Spring discharge rate is 8.5-30 ltr/min. In baories, it is up to 12 ltr/min.	
10 % reduction in silt load in run-off water within project catchment	<input type="checkbox"/>	Percentage	Value	0.00	42.00	10.00
			Date	18-Nov-2009	26-Sep-2011	31-Mar-2013
			Comments		Reduced by 71% in Chowari and 13% in Namhol	
50% of CIGs have linkage with market	<input type="checkbox"/>	Percentage	Value	0.00	31.00	50.00
			Date	18-Nov-2009	26-Sep-2011	31-Mar-2013
			Comments		418 CIGs	
10 % of the SHGs/CIGs have credit linkage with other financial institutions	<input type="checkbox"/>	Percentage	Value	0.00	12.00	10.00
			Date	18-Nov-2006	26-Sep-2011	31-Mar-2013
			Comments		158 CIGs with credit linkage	
At least 4 six-monthly COM revisions based on feedback from the field and independent reviews	<input type="checkbox"/>	Text	Value	No revision	One revision	At least four revisions made
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			
HPNRM Society Executive Committee and other committees meet at least twice in a year and the Governing body meets at least once a year	<input type="checkbox"/>	Text	Value	No meetings yet	Not regulary but time to time	Meetings convened regularly
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			
Financial and physical reporting submitted on regular and timely basis	<input type="checkbox"/>	Text	Value	Not yet	Yes	Yes
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			
M&L system in place	<input type="checkbox"/>	Yes/No	Value	No	Yes	Yes
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			

Environmental and social screening and mitigation systems fully functional	<input type="checkbox"/>	Yes/No	Value	No	Yes	Yes
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			
Annual work plans being implemented on time and on target	<input type="checkbox"/>	Yes/No	Value	No	Yes	Yes
			Date	06-Mar-2006	26-Sep-2011	31-Mar-2013
			Comments			

Data on Financial Performance (as of 04-Nov-2011)

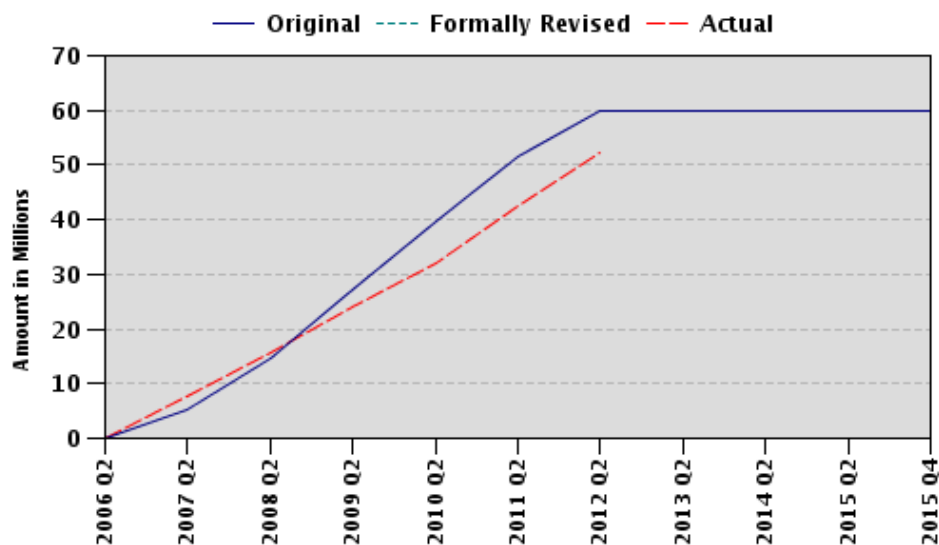
Financial Agreement(s) Key Dates

Project	Loan No.	Status	Approval Date	Signing Date	Effectiveness Date	Closing Date
P093720	IDA-41330	Effective	13-Dec-2005	19-Jan-2006	24-Feb-2006	31-Mar-2013
P104901	TF-96096	Effective	22-May-2011	22-May-2011	22-May-2011	31-Dec-2018

Disbursements (in Millions)

Project	Loan No.	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P093720	IDA-41330	Effective	USD	60.00	60.00	0.00	52.08	11.79	87.00
P104901	TF-96096	Effective	USD	1.54	1.54	0.00	0.00	1.66	0.00

Disbursement Graph



Key Decisions Regarding Implementation

The project has developed a model for catchment area treatments through various water harvesting structures implemented by GPs. The project's inclusive, participatory approach in micro-plan development and management has strengthened GP capacities to implement other GOI financed project, such as the National Government Employment Guarantee Scheme (NREGA).

Restructuring History

There has been no restructuring to date.

Related Projects

P104901-Himachal Pradesh Watershed Management Project