



**4<sup>th</sup> Quarterly Progress Report - Year 4**  
**January 1<sup>st</sup> to March 31<sup>st</sup>, 2016**



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## List of Acronyms

AKF (Pak)	Aga Khan Foundation, Pakistan
AKRSP	Aga Khan Rural Support Programme
AWP	Annual Work Plan
BCDF	Baltistan Cultural Development Foundation
BDS	Business Development Services
BoD	Board of Directors
CPEC	China-Pakistan Economic Corridor
Disty	Distributary
DoA	Department of Agriculture
DoL	Department of Livestock
EGA	Economic Growth and Agriculture
EMP	Environmental Management Plan
EoI	Expression of Interest
FEG	Farmers' Enterprise Group
FFS	Farmers' Field School
FSC & RD	Federal Seed Certification and Registration Department
GAP	Good Agriculture Practices
GB	Gilgit-Baltistan
GBLA	Gilgit-Baltistan Legislative Assembly
GERES	Groupe Energies Renouvelables, Environnement Et Solidarités
GMP	Good Manufacturing Practices
HSE	Health, Safety and Environment
ICIMOD	International Centre for Integrated Mountain Development
ICT	Information and Communication Technologies
LBC	Left Bank Canal
LSO	Local Support Organization
M&E	Monitoring and Evaluation
MAJ	Mian Abdul Jabbar

MC	Municipal Committee
MD	Market Development
MIS	Management Information System
MTR	Mid Term Review
PCC	Plain Concrete Cement
PCPS	Pre-Cast Parabolic Segments
PIPS	Pakistan Institute of Parliamentary Services
RBC	Right Bank Canal
REN	Rural Enterprise Network
RFA	Request for Application
SDF	Skardu Development Foundation
SDP	Satpara Development Project
ToF	Training of Facilitator
ToPs	Terms of Partnership
ToR	Terms of Reference
UC	Union Council
USAID	United States Agency for International Development
VC	Value Chain
WAPDA	Water and Power Development Authority
WPG	Women's Producer Group
WUAs	Water Users' Associations

## 1. EXECUTIVE SUMMARY:

The report of fourth quarter, January to March 2016, of fourth year of the project covers the progress made by all four components of project. Component I focuses on Efficient Use of On-Farm Water and key interventions under this component include construction of primary, secondary and tertiary level channels, realignment and formation of Water Users' Associations (WUAs) as per proposed scheme of *Chakbandi* and capacity building of the members of WUAs. Component II and III emphasize on enhancement of agricultural productivity and processing in the command area of Satpara Dam by providing sub-grants to farmers for vegetable and fruit production, processing of fruits and vegetables, and improving dairy products. Besides, facilitation and support is being provided for the formation of Farmer Enterprise Groups (FEGs) and Women Producers Groups (WPGs). The project also capacitates existing and newly formed local institutions. Under component IV stakeholders are being engaged for better water governance system and agriculture/horticulture policy reforms for creating an enabling environment for agriculture sector to grow.

In Component I, work was resumed on As-built survey and drawings of the secondary channels along with civil works as part of punch list items or small parts left incomplete in December, 2015. Survey and drawings of a few channels were completed and the rest will be done in the coming weeks. Work was also resumed on the remaining 16 tertiary schemes but material availability was an issue due to long spell of bad weather in the area. Dialogues, Design and estimate of 14 new tertiaries was initiated to be implemented during the next AWP period. Social Mobilization team organized a Manager's Conference and two (02) capacity building training events for the WUAs' office bearers. Consultations were also held with the communities of Hussainabad and Thorgobala as a part of the additional water resources development. Contractors for construction of flow measurement structures of additional water sources has been finalized and work orders will be issued in the first week of April, 2016.

The major achievement made by component II and component III during the reporting period include completion of three (03) grants at FEG level including installation of apricot cake baking unit, construction of bioclimatic cellar and establishment of apricot oil extraction unit. Furthermore Value Chain (VC) section kept on strengthening six (06) selected fruit nurseries, established 16 commercial fruit orchards, 15 vegetable farms, 74 greenhouses and three (03) dehydration units. The team also conducted one training each in nursery management, orchard management, greenhouse management and a refresher training to Agri-Livestock extension workers. Moreover, 18 farmers were taken on an exposure visit to down-country markets and two (02) farmers participated in an exhibition in Lahore. An Expert from GERES-Tajikistan was to conduct a field visit for review of the PSGH and the Bio Climatic Cellar but due to the NoC's issue it could not be materialized.

For creating an enabling environment for the agriculture sector to grow which is component IV of the project, SDP arranged a capacity building workshop for legislators from Gilgit Baltistan (GB) at Pakistan Institute of Parliamentary Services (PIPS). Furthermore AKF-P and SDP arranged a series of meeting with the Senior Minister, Honorable Speaker GBLA and cabinet members on water rights issues and status of GB Horticulture Policy. SDP is continuously supporting LSOs of command area in managing development activities in their area through SDP support and facilitating in networking of farmers' institution with them. SDP also organized a thematic conference for WUAs, FEGs and WPGs and organized an experience sharing program which went on-air from local FM Radio.

AKRSP-SDP organized and commemorated International Women's Day 2016 in collaboration with other stakeholders using its global theme (Pledge for Parity) "to end all form of discrimination against women". Monitoring and Evaluation section organized the annual progress review and planning workshop and submitted the draft work plan for 2016-17 for approval.

## 2. INTRODUCTION

Satpara Development Project (SDP), with financial portfolio of US\$ 20 million, is a five-year (05) Project designed to maximize the impact of Satpara Dam Project on the people living within the command area of Right and Left Bank Canals of the Satpara Dam which was completed earlier with a US\$ 27 million funding from people of United States of America through USAID. SDP will contribute to this ultimate objective through four complementary components: (i) Efficient Use of On-Farm Irrigation Water, (ii) Enhanced Productivity of Higher Value Horticulture and Dairy Products, (iii) Enhanced Processing and Marketing Capacity of the Area, and (iv) Creation of an Enabling Environment for the Agriculture Sector to Grow. All the four components of the project are design to be mutually reinforcing and interactive as to most effectively achieve long term, sustainable results at scale.

In terms of program implementation, the Aga Khan Rural Support Programme (AKRSP) is responsible for most of the project activities and directly implement in the field while Aga Khan Foundation Pakistan (AKF-P) is responsible for implementation of larger activities and is also responsible for inter-agency coordination, monitoring and grant management being the Executing Agency; it bears the ultimate responsibility for project results and reporting to USAID. The project is being implemented within the command area of LBC and RBC of the Satpara Dam in Skardu town between the villages of Hoto Ranga in the West and Thorgo Bala in the East with Skardu Town in the middle.

This report details the achievements made by the project during January to March 2016, which is fourth quarter of Project Year 2015-16.

## 3. ACHIEVEMENTS DURING THE REPORTING PERIOD

Accomplishments made under each of four key components during fourth quarter are as follows:

### **3.1 Component-I: Efficient Use of Irrigation Water**

Major activities under this component include construction of main and tertiary channels with the close involvement of contractors and Water User Associations (WUAs) respectively, formation and realignment of WUAs and integration of WUAs into existing social organizational structures. Irrigation infrastructure development interventions were focused to establish an efficient irrigation system to control water losses, introduction of system of *Warabandi* (Irrigation water distribution system) at the tertiary level and capacity building of the stakeholders to play their role effectively.

#### ***A. Construction of Main and Secondary Channels***

The reporting quarter was the last quarter of AWP 2015-16 and was focused more on completing the remaining activities and planning activities for the coming year. Some field



activities identified in the Punch lists of the Contracts were initiated when the season became favorable. Such activities included construction, as-built survey and preparing drawings. Planning activities like survey, initial estimate and drawings for development around additional water resources were also initiated.

### ***I. LBC-Package 1***

LBC-Package 1 is the biggest package with 6,539 meters of lining planned in the AWP 2015-16. LBC Package 2 was clubbed with this package and Sundus Minor of LBC Package-2 with 2,185 meters length was also awarded to MAJ. Lining work was completed during the third quarter except the head weir of Sundus Minor. Work on Sundus head weir has been resumed while 100 meters repair work on Ldangdang Minor has been completed. As-built survey of the package was planned for the reporting quarter but was impeded by harsh weather conditions. This would be carried over to the next quarter and be completed before June 2016.



*A view of Ranga Distry*

### ***II. RBC-Package 3***

Major remaining activities on this package were completion of 170 m at Olding head and as-built survey and drawings of the completed works. The balance work of Olding minor might remain as it is due to community and diversion issues. Survey was started in March and has been completed for all channels.

### ***III. RBC-Package 4***

Work was started on the remaining 31 meter of Kharpocho Minor at head which has been completed while head regulator will be installed during the next quarter after arrangements with WAPDA for closing water in LBC. As-built survey of other lots was also started and has been completed for all channels except New Ranga.

## ***B. Construction of Tertiary Water Courses through WUA***

SDP planned to construct 52 tertiary channels in the year 2015-16, however, 53 channels were started. 37 schemes out of 53 were completed by the end of last quarter and the remaining 16 were under different stages of completion. Work was resumed in March and the overall progress is about 87%. Besides 37 completed channels, there were two watercourses with 81 to 99% progress, 61-80% progress on five (05), 41-60% on five (05) and 21-40% on remaining four (04) watercourses. Progress on tertiaries affected due to non-availability of Pre-cast Parabolic Segments (PCPS) at manufacturing yard especially, D-size.



*PSPS Segments Ready at PCPS Yard Skardu*

### ***C. Installation of Drip Irrigation System***

Five offers were received as a result of the newspaper advertisement out of which three were short listed for financial evaluation during the third quarter. Finally, Eminent Enterprise was selected for providing the required items. Three farms have been selected through due process and Terms of Partnerships (ToPs) have been signed with them. Material to be installed at the selected farms is yet to arrive in Skardu. After the completion and approval of the procurement process final estimate and beneficiary share was discussed with selected farm owners. Two farmers showed their willingness and contributed their due share through cross cheques. One of the most appropriate selected farmers apologized due to his financial incompetence to contribute his share. Purchase order was issued to Eminent Engineering Pvt Ltd. The material of all three schemes has reached Skardu.

### ***D. Assessment Study of Water Resources outside Satpara Dam***

The Department of Water Management of the University of Agriculture, Peshawar has been awarded this task. The field team hired by the university is monitoring the water flow in the additional sources however, field measurements were discontinued during last December due to severe weather conditions and freezing of water and have been resumed in March at selected locations of Hussainabad, Burgae, Thayur and Chunda *nullahs*. Selection of vendors for constructing structures for flow measurements on these *nullas* has also been completed. Construction will be started in April.

### ***E. Formation and Realignment of WUAs***

The social mobilization team remained engaged with WUAs for resuming work on the remaining 16 tertiaries and communities from additional water sources areas. Meetings were held with four (04) Local Support Organizations (LSOs) regarding planning and preparation for the coming year. Consultation meetings were held with the communities of Shagari Khurd

and Shagari Kalan regarding rehabilitation and silt cleaning of LBC in case water would be available. Generally, community is willing for cleaning of LBC but wants assurance about water supply before any activity.



*WUA Members Training at SDP Office*

#### ***F. Training of Members from Water Users' Association***

SDP organized two (02) trainings of WUAs in Skardu during the reporting quarter. Main topics covered under the first training included operation and maintenance of irrigation system through WUAs, role of WUAs in the development of agriculture and modern irrigation systems. Topics discussed during second training included modern Irrigation system (Components and functions) and comparison between Plain Concrete Cement (PCC), Brick and PCPS Lining, and issues in existing *Warabandi* system in SDP Area and their proposed solutions. A total of 35 WUA members participated in the first training while the second training was also attended by 35 members.

#### ***G. WUA Managers' Conference***

Social Mobilization team, with support from Irrigation System Development team organized a conference for WUA Managers from all four (04) LSOs. During the conference a total of 60 participants, including 16 women, shared their views and experiences. Important topics covered included networking of WUAs and Farmer Enterprise Groups with LSOs, issues regarding implementation of tertiary channels and importance of book keeping and farmer organizations (FOs).

#### ***H. Training of staff***

Two (02) trainings were organized for the engineering staff; one for the senior engineers on project planning and management, another for junior engineers on advanced techniques for civil works drawings and quantification. Both were done in Islamabad during February by employing experts of the subjects.

#### ***I. Progress review and planning***

SDP organized annual progress review and planning workshop in February in Islamabad where progress on AWP 2015-16 was discussed in detail and planning for coming year was also done. Important point about Componenty-1 progress was its achievements during quarters two and three as compared to previous pace of progress and challenges faced during implementation. Future planning focused more on sustainability, development of additional water sources, farmer organizations as an instrument of sustainability for the irrigation system, capacity building of WUAs and establishment of demo sites for introducing new technologies like pipe irrigation,



*WORKSHOP 2015-16-ISLAMABAD*

solar system for lifting water and land leveling etc.

**Table -1: Target vs. Achievement Component I**

Ref. code	Activity Code	Activities	Unit	Total Year 4 Targets	Q4 Targets	Q4 Achievements	Cumulative Achievements	Remarks
<b>COMPONENT 1: EFFICIENT USE OF ON FARM WATER</b>								
<b>2.3.1.2</b>	<b>Construction of Main &amp; Secondary Channels</b>							
	2.3.1.2.a	Construction of Main & Secondary Channels LBC-Package 1	Meter	<b>6,539</b>			10582	Overall variation in the achievements is due to merger of LBC-Package 2 into other packages and also due to re-survey which resulted in changes in lengths, size of channels and material type because of community demand.
	2.3.1.2.b	Construction of Main & Secondary Channels LBC-Package 2	Meter	<b>8,725</b>				
	2.3.1.2.c	Construction of Main & Secondary Channels RBC-Package 3	Meter	<b>6,512</b>			11279	
	2.3.1.2.d	Construction of Main & Secondary Channels RBC-Package 4	Meter	<b>5,989</b>			6633	
<b>2.3.1.3</b>	<b>Construction of Tertiary watercourse through WUAs</b>							
	2.3.1.3.a	Construction of Watercourses (Chaks) Above 20,000	Watercourse	22	3	0	7	A total of 73 schemes were completed out of which 37 were from planned target of reporting year while remaining were carried forward from previous year. Work in
	2.3.1.3.b	Construction of Watercourses (Chaks) Below 20,000	Watercourse	30	5	0	30	

								progress on the remaining schemes
<b>2.3.1.5</b>	<b>Installation of Drip Irrigation System</b>		Acres	2			<b>(9)</b>	Vendor and farmers selected and material delivery awaited for installation.
<b>2.3.1.6</b>	<b>Assessment Study of Water Resources Outside Existing Satpara Dam</b>		Study	1				Under progress
<b>2.3.2.1</b>	<b>Formation and Strengthening of Water Users' Associations</b>							
	2.3.2.1 a	Formation and Realignment of WUA's	WUAs	51	4	4	60	Completed
<b>2.3.2.2</b>	<b>Training of Members from Water Users' Associations</b>							
	2.3.2.2 a	WUA Managers Conference	Conference	4	1	1	4	Completed
	2.3.2.2.b	WUA Trainings	Training	8	2	2	8	Completed
	2.3.2.2.c	Exposure visits for the members of water user associations	Visit	2	0		2	Completed
<b>2.3.2.3</b>	<b>Staff Capacity Building Training</b>							
	2.3.1.3 a	Engineering Staff Capacity Building Training	Training	5	1	2	6	Completed
	2.3.1.3 b	Exposure visit of Field Staff to Efficient Irrigation systems of Pakistan (Field Engineers)	Visit	1			1	Completed
	2.3.1.3.c	Exposure visit of Staff to Efficient Irrigation systems (Regional)	Visit	1				USAID didn't approve the activity

### **3.2 Component-II: Enhancing Productivity of High-Value Horticulture and Dairy Products**

The project is at an important stage in terms of key deliverables in the Year IV. During the year the project focused on completion of critical infrastructure and establishment of services which would pave way for increase in production of vegetables and fruits, lowering current vegetable and fruit losses and enhance marketability of the products to increase income of command area farmers. SDP is doing this by introducing agricultural production and processing technologies which are ecologically acceptable and environmentally sustainable. Employment creation and gender mainstreaming is a cross cutting feature of each planned activity.

#### ***A. Grants to FEGs for Production Level Activities***

The project proposed collective grants to FEGs for various production related activities with the objective to help FEGs in developing their institutional skills and provide them an opportunity for collective action. In total five (05) grants at FEG level were planned for the reporting year. All five grants have been awarded.

##### *i. Apricot Cake Baking Unit*

To add value to the dried fruits (apricot and cherry) the project has trained 16 women FEG members in apricot cake making. The training was conducted by the chef from Serena Hotel, Shigar Fort. Sequentially the project had planned to support an FEG member to establish Apricot Cake Baking Unit so that apricot producers may utilize small size/low cost apricots in cake to increase the value of apricots manifold. FEG has set up the said Apricot Baking Unit in the urban area.

##### *ii. Bioclimatic Cellar (Storage Facility)*

The storage facility at the FEG level is a unique and innovative intervention initiated by the project. This storage facility is a replicable model of the one developed by GERES in Tajikistan and other similar countries/areas. Construction work on the selected site at village Ranga has been completed. The facility is now ready for use especially in the vegetable production season.

##### *iii. Apricot Oil Extraction Unit*

Apricot oil is one of the byproducts with multiple usages at household level and because of its unique health attributes it is also a high value product in terms of marketing. Although the service of oil extraction is available in Skardu city but the quality of oil is compromised as well as there is an issue of access to these facilities. Keeping this challenge in view the project initiated award of a collective grant to FEG members. Several FEGs applied for this grant, after

the related scrutiny the project selected one FEG from Katpana for establishing an Apricot Oil Extraction Unit. During the reporting quarter civil work on the selected site was completed, and in parallel procurement of the oil extraction machine has been accomplished and installed in the facility.

#### ***B. Strengthening and Developing Certified Fruit Nurseries***

The Project has made considerable efforts in strengthening input supply system which is a prerequisite for accelerated growth of horticulture sector. The key activities initiated to establish input supply system in the preceding years include establishment of certified fruit nurseries and certification of fruit plants. In year IV, the project had planned to strengthen the already established six (06) fruit nurseries. Thus, the nurseries have been supported in the provision of additional facilities such as improvement in internal irrigation system, provision of shed house and installation of green nets, and provision of new agricultural tools.

#### ***C. Refresher Training in Nursery Management***

Continuous technical and managerial input to the nursery awardees is envisioned as a tool to further strengthen their entrepreneurial skills. Thus the nursery management training has been part of this effort which continued this year too. The training was carried out during 22-26 February 2016. Total number of participants was 15. Two (02) participants were from each of supported nurseries, two (02) participants were from Department of Agriculture while one (01) participant was from the project team. The training was conducted in Swat and major portion of the training was focused on practical work in commercial nurseries so that participant may have practical knowledge of the best practices.

#### ***D. Import Rootstock for Commercial Certified Fruit Nurseries and Orchards***

The import of fruit plant from international sources proved to be difficult due to its less volume and regulations related to import of fruit plants. No relevant response from the domestic suppliers was received on advertisement in the newspaper repeatedly during last three years. Consequently, the project looked for alternatives to procure plants from international source for which especial approval was granted by finance committee of Board of Directors (BoD) of AKRSP. During this course of action it came to light that due to some donor procedural hindrances the proposed alternate procurement of plants was not possible. Therefore this activity may not be possible to accomplish since this is the last year and there is very little time available to handle this activity properly.

#### ***E. Establishment of Commercial Orchard***

SDP planned to support establishments of 11 orchards during this year. As adopted standard procedure Expression of Interest (EOIs) was collected from the interested individuals



through their respective FEGs and LSOs and after due process 16 awardees were selected for grant awards. Physical work and plantation on the orchard sites were completed during the reporting quarter. It is important to note that during the last three years SDP supported establishment of 32 commercial fruit orchards with fruit types as Apricot, Apple, Almond and Cherry.

#### ***F. Training in Orchard Management***

Capacity building of the awardees is very crucial in sustainability of the interventions therefore trainings have been made an integral part every grant. Training of orchard management was carried-out during the month of February, 2016. The total number of participants was 16. One (01) participant was selected from each of worked-on orchards and one (01) SDP staff also participated in this training. The training was conducted in Swat where the participants got the opportunity to witness the best practices to manage a commercial orchard.



*Orchard Management Training at Swat*

#### ***G. Establishment of Vegetable Production Farms***

In the light of previous year's learning project has planned to facilitate 15 more potential farmers in establishing vegetable production farms. For this purpose farmers were informed to submit their resolutions through their respective WUAs, FEGs and LSOs. Furthermore, partnering LSOs also assisted SDP in identification of potential farmers. A committee was constituted to identify potential farmers and conduct physical verification of the proposed sites, on committee's recommendations Request for Applications (RFAs) were issued to the selected applicants. Physical works at all the sites were completed. Farmers have started sowing of green peas in the vegetable farms followed by this other vegetables will also be cultivated.



*Vegetable Farm of Syed Hamid at Hussain Abad*

#### ***H. Establishment of Greenhouses***

In Year IV, the project planned to award grants for construction of 109 more passive solar greenhouses. For this purpose EoIs were collected through FEGs and respective LSOs and sites were physically verified by the Grants Committee. RFAs were issued to the recommended applicants to shortlist the awardees for grants. Construction work has been completed on 26 sites in the reporting quarter, 103 greenhouses were already completed in the previous quarters. Looking at the immediate



*Green House at Shagari Khurd*

outcomes of greenhouse intervention the project planned to award 20 more greenhouses in addition to planned 109. Winters in Baltistan/Skardu are very harsh, dry and cold with no possibility for vegetable production; thus throughout the winter season fresh vegetables are imported from down country. Due to long distance (average 700 Kms) and high transportation cost the prices of the vegetables remain very high for almost six months. Introduction of passive solar greenhouses has now made it possible to produce vegetables during winters/off- season and has stretched the growing season for more than two months in the beginning and two months at the end of the winter season by making it year round production. Availability of fresh vegetables from greenhouses was observed in the Skardu market during the reporting quarter (harsh winter seasons), the quantity and supply chain of available vegetables was enormous as compared to previous winter seasons. It was also observed that there was remarkably less import of leafy vegetables from down country. This also indicates that Skardu vegetable market is moving towards self-reliance in terms of vegetable production, availability and marketing. This factor is fundamentally contributing towards food security of the region.

- An Expert from GERES-Tajikistan was to conduct a field visit for review of the PSGH and the Bio Climatic Cellar in Skardu, the activity was to be sponsored from the saving in the budget line item however unfortunately due to the NoC's issue from the ministry of interior, it could not be materialized timely and the activity has again been planned for the next year's work plan.

### ***I. Training on Greenhouse Management***

As it is evident that passive solar greenhouse is a new technology in the project area so continuous efforts are required to build capacity of greenhouse awardees and make them acquainted with crop production technology in greenhouse environment; as per work plan,

one (01) training has been conducted on greenhouse management for 20 greenhouse awardees during the reporting quarter using in-house expertise.

***J. Agri/ Livestock Extension Workers Training (Refresher)***

The outreach of public sector extension services in the project area is insufficient to cater the demand that the project interventions have created along agriculture and dairy value chains. This has resulted in a wide gap between demand and supply and is growing with every passing year. In order to overcome this gap, project has created a cadre of community extension workers through providing them training opportunity in prestigious institutions in down country. The project conducted training of extension workers in the reporting quarter. This training was conducted in Communication and Extension Department, University of Agriculture Peshawar. In total 22 persons participated in this training; 10 participants were trained in livestock and another 10 were trained in agriculture, besides two SDP staffs also participated in the subject training. In total 13 men to 07 women participated in these trainings.

**Table -2: Target vs. Achievement Component II**

Ref. code	Activity Code	Activities	Unit	Total	Q4 Targets	Q4 Achievements	Cumulative Achievements	Remarks
<b>COMPONENT2: ENHANCING PRODUCTIVITY OF VALUE ADDED HORTICULTURE AND DAIRY PRODUCTS</b>								
<b>3.3</b>	<b>Farmers' Enterprise Groups</b>							
3.3.2	Formation and registration of Farmer Enterprise Groups		Group	17			17	completed
3.3.3	Training of the members of the FEGs		Training	17			17	completed
	3.3.3.a	Grants to FEGs for production level activities	Grants	5	0	3	5	completed
<b>3.3.4</b>	<b>Value Chain Development for Fresh Fruit</b>							
<b>3.3.4.1</b>	<b>Establishment of Input Supply System</b>							
	3.3.4.1.a	Strengthening and Developing Certified fruit nurseries	Nursery	6		6	6	completed
	3.3.4.1.b	Refresher training in Nursery Management	Training	1		1	1	Completed
	3.3.4.1.c	Import rootstock for commercial certified fruit nurseries and orchard	Saplings	1500	0 (1500)			Activity couldn't be completed due to related issues in import of rootstocks.
	3.3.4.1.d	Support to Input Supply Store	Enterprise	1			1	Completed
<b>3.3.4.2</b>	<b>Establishment of Commercial Orchard</b>							
	3.3.4.2.a	Establishment of commercial orchard	Orchard	11	11	16	16	Completed
	3.3.4.2.b	Training in orchard management	Training	2	1	1	1	One training conducted
<b>3.3.4.3</b>	<b>Introduction of Improved Packaging Technologies</b>							
	3.3.4.3.d	Provision of packaging material for FEGs	Lump sum	3			3	Completed
<b>3.3.4.4</b>	<b>Support in Development of Storage Facilities</b>							
	3.3.4.4.a	Feasibility study of storage facility	Feasibility	1			1	Completed
<b>3.3.5</b>	<b>Introduction of Off-Season Vegetables</b>							
<b>3.3.5.1</b>	<b>Production of Improved Quality Seed</b>							
	3.3.5.1.a	FFS in vegetable seed production	FFS	5			5	Graduated
<b>3.3.5.2</b>	<b>Creation of Commercial Scale Vegetable Farms</b>							

Ref. code	Activity Code	Activities	Unit	Total	Q4 Targets	Q4 Achievements	Cumulative Achievements	Remarks
	3.3.5.2.a	Establishment of vegetable production farms (3 kanal/ farm)	Farm	15	15	5	15	Completed
	3.3.5.2.b	Refresher training on vegetable farming	Training	1				Budget did not reflect in the budget document
<b>3.3.5.3</b>	<b>Offseason Vegetable Production</b>							
	3.3.5.3.a	Establishment of Green house	Greenhouse	109		26	129	Completed
	3.3.5.1.a	FFS in Off season vegetable production in GH	FFS					Completed
	3.3.5.3.b	Training on Management of Greenhouse	Training	4	2	2	4	Completed
<b>3.3.6</b>	<b>Dairy Farming</b>							
<b>3.3.6.1</b>	<b>Introduction of Improved Breed</b>							
	3.3.6.1.b	Establishment of model animal shed	Grants	4			4	Completed
	3.3.6.1.c	Improvement of existing animal Shed	Grants	15			15	Target already achieved in Q2
<b>3.3.6.2</b>	<b>Introduction of Improved Animal Feed and Feeding Techniques</b>							
	3.3.6.2.a	FFS in Fodder Production & Storage	FFS	5	(5)	5	5	Completed
<b>3.3.7</b>	<b>Capacity Building of Farmers and Entrepreneurs</b>							
	3.3.7.a	FFS in Fruit Production	FFS	10			10	
	3.3.7.b	Training in Business Development	Training	2			2	Completed
<b>3.3.8</b>	<b>Agri/ Livestock Extension Workers Training (Refresher)</b>		Training	1	(1)	1	1	Completed
<b>3.3.9</b>	<b>Capacity Building of Farmers and Entrepreneurs through FFS</b>							
	3.3.9.a	TOF refresher course	Course					
	3.3.9.b	FFS Follow ups	Service					
<b>3.3.10</b>	<b>Value chain study by international expert</b>		Visit					
<b>3.3.11</b>	<b>Establishment of Soil Testing Lab in Skardu</b>		Lab	1			1	Completed
<b>3.3.12</b>	<b>Establishment of Seed Testing Lab in Skardu</b>		Lab					

Ref. code	Activity Code	Activities	Unit	Total	Q4 Targets	Q4 Achievements	Cumulative Achievements	Remarks
3.3.13		Consultants' Visit for Improvement in Greenhouses' design (GERES)	Visit					
3.3.14		Capacity building of DOA,DOL and FSC&RD staff	Facilitation	3	1	1	2	Completed
3.3.15		Facilitate DOA, DOL, FSC&RD staff in providing extension services to grantees	Lump sum	1	1	0		During the reporting period, no such event was planned

### **3.3 Component-III: Enhancing Processing and Marketing Capacity of the Area**

Project activities under component III are focused on post-harvest handling and marketing of the agricultural and livestock products. These interventions will enhance capacities of local farmers and entrepreneurs in adding value to their products and will increase the marketability of fresh and dried produce.

#### ***A. Provision of Improved Dehydration Units at Household Level***

In year IV, the project had planned to provide 50 dehydration units to the farmers on cost sharing basis. In total, as per targets, all 50 dehydration units have been awarded to selected beneficiaries. In addition to 50 planned units five (05) more dehydration units were planned but three (03) units could be accomplished in the reporting period which was provided to additional awardees within the total allocated budgets amount for this activity. The manufacturing and installation of these three (03) units were completed in this reporting quarter.



*Dehydration Unit at Fapa Shagari Khurd*

Dehydration units are used for sun drying of fruits and vegetables in a hygienic and controlled environment, primarily these are used for drying of apricots and cherries. Each unit has a capacity of drying one ton of products in a season. Introduction of these improved dehydration units will not only significantly help in reducing fruit losses but will also improve the quality of sun dried products.

#### ***B. Establishment of Fruit Dehydration Center***

This activity was scheduled for the reporting quarter but it could not be initiated due to change in scope. After thorough analysis it has been decided to split this activity into two aggregation centers for the dried apricot and cherries that will come from the dehydration units. The physical verification of the applicants has been completed and RFA has been issued to the shortlisted applicant. Two awardees have been finalized and agreements have been signed with them. The activity will be continued to the next year work plan as carry forward activity and will be accomplished in the next quarter.

#### ***C. Establishing of Fruit Processing Center***

Initiated establishment of fruit processing center during the previous quarter. The granting process of the activity has been completed. The activity has two components, namely; 1) construction of the building by grant contract awardee as per good manufacturing practice

(GMP), 2) procurement and installation of machineries and equipment with support and facilitation from SDP. 80 % work on construction of the building was completed. On procurement part, process for purchase of machineries has been initiated and SDP staff is facilitating and guiding the beneficiary in identifying the right equipment and its possible suppliers. Vendors for fruit washer, grading table and stainless steel trays have been identified. And after completing the quotation collection and other obligations purchase order has been given to the supplier by the beneficiary.

#### ***D. Participation in National Exhibition/Fairs***

Exhibitions/Fairs and exposure visits provide excellent opportunity to farmers to get awareness about national markets trends and understand supply demand mechanics as well as buyers requirements for horticulture products. These events helps in linkage building of the local farmers with buyers of horticulture produce and collect information on demand (seasonal flows) for key temperate fruits of SDP focused value chains. Information about the national agribusiness trends and opportunities and the market information will contribute to the value chain analysis and implementation of upstream and downstream value chain activities.



*SDP Stall at Dawn Agri Expo 2016-Lahore*

SDP conducted exposure visit of 18 FEG members to down country *Juma Bazars* and super stores. The objective of the activity was to enhance the farmers' entrepreneur skills, knowledge and equip them with marketing skills to hunt available opportunities for their produce in the market.

#### ***E. Grant to Establish Market Information System***

Initiated the grant documentation and collected the technical proposal from interested service providers. However, this activity has deferred to further explore the possibility of benefiting from the experiences of other projects working in the same line. The team is continuously working on better options well suited for the context of rural area such as Skardu valley. In this regard the activity has been re initiated and the concept note is being developed and will be shared for approval.

#### ***F. Assist in the Establishment of Lead Enterprise***

After formation of FEGs at different production clusters in the command area, now the FEG's Network formation process has been initiated in all four UCs. This will make the cumulative



business cycle systematic and will link farmers produce to the market, and also market information flow to farmers will be strengthened.

In the first step meetings were held with all FEG's and they were briefed on FEG network, its structure and scope of work. After the briefing each FEG nominated two members for General Body of FEG Network through resolutions, the General Body then elected office bearers of FEG network. These office bearers include president, vice president, manager and accountant. The lead enterprise will be established after formation of intended FEG networks. This way it will be a well-structured, organized and amply capacitated enterprise to meet its objectives and it will have specialized bench of professionals to take charge as service providers i.e. Rural Enterprise Network (REN) as a lead enterprise.

**Table - 3: Target vs. Achievement Component III**

Ref. code	Activity Code	Activities	Unit	Total	Q4 Targets	Q4 Achievements	Cumulative Achievements	Remarks
<b>COMPONENT 3: ENHANCING PROCESSING AND MARKETING CAPACITY OF THE AREA</b>								
<b>4.3.2</b>	<b>Processing of Agricultural Produces</b>							
	4.3.2.a	Formation of Men and Women Processor Groups (P/WPGs)	Group	5			5	Completed
	4.3.2.b	Post-Harvest Handling Training	Training	4	2		4	Completed
<b>4.3.2.2</b>	<b>Introduction of Fruit and Vegetable Drying Technologies</b>							
	4.3.2.2.a	Provision of improved dehydration units at HH level	Plant	50		3	53	
	4.3.2.2.b	Establishment of fruit dehydration center	Center	1	1			Activing split into two grants and is on-going with two entrepreneurs.
<b>4.3.2.3</b>	<b>Support in Establishing Small Scale Vegetable and Fruit Processing Units</b>							
	4.3.2.3.a	Training in GAP	Training	1	(1)		1	Completed
	4.3.2.3.c	Establishing of fruit processing center	Center	1	(1)			80% construction work completed and procurement of equipment is in progress
<b>4.3.2.4</b>	<b>Promotion of Small Scale Dairy Processing Units</b>							

Ref. code	Activity Code	Activities	Unit	Total	Q4 Targets	Q4 Achievements	Cumulative Achievements	Remarks
	4.3.2.4.a	Facilitation in the establishment of fresh milk collection centers	Center	1			1	Completed
	4.3.2.4.b	FFS in animal husbandry	FFS	5			5	Graduated
	4.3.2.4.c	Facilitation in the establishment of yogurt processing units	Center	1			1	Completed
	4.3.2.4.d	Training on dairy product development	Training	1			1	Completed
<b>4.3.3</b>	<b>Market Development</b>							
	4.3.3.a	Facilitate processors/ producers in fair trade certification	Event					
	4.3.3.b	Participation in National Exhibition, fairs etc.	Persons	20	5	18	32	Completed
	<b>Establishment of Market information System</b>							
	4.3.3.1.a	Formation of youth group	Group					
	4.3.3.1.b	Market exposure visits	Visit	1			1	Completed
	4.3.3.1.c	Grant to establish market information system	Grant	1	1			Shifted to AWP 2016-17 with change in implantation strategy.
<b>4.3.3.3</b>	<b>Facilitation of FEGs in retail and whole sale marketing of fruits</b>							
	4.3.3.3 a	Facilitation in establishment of weekly <i>bazaar</i>	Weekly market	8	4		9	Completed
	4.3.3.3.c	Assist in the establishment of lead enterprise	Enterprise	1	1			On-going
<b>4.3.3.4</b>	<b>Exposure Visit of Staff and Apricot Value Chain Processors to Turkey</b>		Persons	8	8			Season lapsed due to delayed in Approval

### 3.4 Component-IV: Create an Enabling Environment for the Agricultural Sector to Grow

Component IV, specifically focuses on policy level issues, identify strategic bottlenecks and incorporate programming solutions to create a viable, favorable and enabling environment for agriculture sector. Though the activities of first three components directly contribute to this component, however this component has been separated to assert more emphasis on removing hindrances impeding agricultural growth of Skardu and the region in general and SDP command area in specific. SDP team made following progress on component IV:

#### A. Meeting with community/ GBLA/Govt. on issues to formulate reforms.

To achieve the intended outcome of enabling environment the project aims to facilitate the newly elected legislative assembly of Gilgit-Baltistan in understanding and drafting policies and laws to promote efficient use of irrigation water, public private partnerships and enhancing horticultural production and marketing. In this regard, the honorable Speaker, Mr. Fida Muhammad Nashad, requested through letters and personal meeting with Pakistan Institute



*Sitting From left to Right: Mr. Nawaz Khan Naji, Mr. Haider Khan, Mr. Fida Khan, Mr. Muhammad akbar Taban, Mr. Jafar Ullah Khan, Mr. Muhammad Wakeel, Mr. Muhammad Basit Mafizul Zaka, ED PIPS, Mr. Shah Baig, Mr. Farman Ali*  
*Standing Row 1 From Left to Right: Mr. Zahid Ashraf, Mr. Haider Abbas, Addl. Director Finance, Major Muhammad Amin, Mr. Sikandar Ali, Mr. Anrangzeb Khan, Mr. Mohsin Abbas, Facilitator, Mr. Kacho Intiaz Haider Khan, Ms. Shereen Akhtar, Ms. Nasreen Bano, Ms. Rehana Iqbal, Ms. Mehnaz Ali*  
*Standing Row 2 From Left to Right: Mr. Ashiq Hussain, Mr. Abdul Hakeem, Mr. Tanzeel ur Rehman, Mr. Rizwan Ali, Mr. melad Karim, Mr. Taj Muhammad, Programme Coordination Officer PIPS.*

for Parliamentary Services (PIPS) and Aga Khan Rural Supports Program (AKRSP) for arranging capacity building orientation for the newly elected members on the issues of water governance, horticulture development and public private partnership. The objective was to acquaint them with parliamentary best practices and to enhance their capacity in the areas of legislative and non-legislative business on the above said subjects. In this regard, a four-day capacity building program from January 18th to 21st, 2016 was arranged at Pakistan Institute for Parliamentary Services (PIPS) which is a statutory body established under an Act of the Parliament (PIPS Act, 2008) to promote research, provide training and to provide facility of information to the Parliamentarians in performance of their duties and for matters connected therewith and ancillary thereto. The SDP-AKRSP joined hands with PIPS as co-sponsor of this capacity building activity under it enabling environment development component

Regarding the designing of the training activities and objective, a series of meetings between AKF(P)/SDP AKRSP and PIPS and also with honorable speaker were held as part of the preparation for the training particularly about the content of the training. It was agreed that the training will build the capacity of the members of GBLA in legislative and non-legislative matters. In addition, the members will be capacitate on the policies related to efficient use of irrigation water, development of horticulture as industry in GB and promoting public private partnerships

in Agriculture. In addition, the needs for developing and approving policies and required legislation for the implementation on the policies. Following objectives were agreed:

1. To enhance knowledge of participants about their role as a law maker and public representative
2. To acquaint the participants about the important and emerging issues affecting the region of Gilgit-Baltistan which include China Pakistan Economic Corridor (CPEC), Climate Change, Water Management, Agriculture, Horticulture and Fisheries
3. To increase the awareness of the participants on taking necessary legislative measures on efficient use of water and other natural resources and developing horticulture sector through promoting public private partnership so that the employment, productivity and per capita income of GB may be increased.

The training was organized at the head office of the Pakistan institute of parliamentary services (PIPS in Islamabad. The duration of the training was four days in which 19 participants including ministers, GBLA members and secretariat staff travelled from Gilgit and Baltistan to participate in the training. On fourth and last day, the training program was concluded with distribution of certificates among participants, memento to GBLA from PIPS and vote of thanks from Executive Director PIPS to both the participants and co-sponsor AKF-P-SDP&AKRSP. He expressed his gratitude to the participants for actively attending all the sessions and to AKF-P-SDP-AKRSP for highlighting some key challenges and opportunities before the honorable members of GBLA that needs legislation. He said that such joint efforts by PIPS, GBLA, AKF-P and AKRSP, will contribute towards better understanding of key issues of GB and role of GBLA members in addressing the issues through the provision of policies and legislation for social and economic wellbeing of people of GB. The Development of GB, he said further, can be optimized through good governance and good governance can only be ensured by an active and vibrant assembly and its knowledgeable members. Mr. Irshad Khan Abbasi and Mr. Melad Karim also participated in the workshop as resource person and highlighted AKDN Rural Development Approach, successes and challenges to honorable members.



*Director RD & CoP Briefing GBLA at PIPS*

### ***B. Facilitate legislation for Water Governance and Public-Private Management***

The study conducted on traditional water rights had recommended a governance structure with the suggested name of Water Board for the management of water from Satpara Dam and the related infrastructure which includes Satpara Dam, LBC, RBC and downstream water channels.

To materialize this AKFP-SDP conducted a thorough orientation workshop for the Chief Minister GB and members of Gilgit-Baltistan Legislative Assembly (GBLA). Consultants in their brief presentation highlighted the key findings of water related issues along with recommendations. Director Rural Development and CoP also highlighted progress on irrigation infrastructure, issues related with water governance. Participants took keen interest in SDP activities and showed their eagerness to support project activities and policy reforms process in terms of Water Governance and Horticulture in the area.



*SDP Presentation to Chief Minister GB and GBLA*

### ***C. Support LSOs/Network to form WUA and Handle Social/Water Issues***

The four (04) LSOs of command area are assisting SDP with social mobilization support primarily for being the institution of the local people and also as the potential stakeholder to continue the process beyond project life. Thus the purpose of this collaboration is also to improve their sense of ownership towards the development happening in their jurisdictions through SDP and involve them in conflict management in their respective areas during the implementation of project activities. With this collaboration and support, the LSOs are anticipated to provide assistance to WUAs, FEGs and WPGs which have now been converged under them. LSO being an established and legitimate structure is in much stronger positions to build capacity of their affiliated networks to achieve high-end development objectives during and after the project life. As per plan, all the LSOs have started dialogues and registrations of their respective WUAs, FEGs and WPGs.

After formation of FEGs and WPGs at different production and processing clusters in the command area, now the FEG Network formation and their registration with LSOs has been initiated in all UCs for mechanizing cumulative business cycle in order to link farmers' produce to the market and develop a system of efficient information flow from market to farmers.

SDP plans to institute a Lead Enterprise once the FEGs/WPGs network formation is completed. As FEGs/WPGs networks will provide building blocks for the planned lead

enterprise so it is imperative to strengthen institutional setup of networks by developing their institutional capacity.

#### ***D. Dialogues with Government/GBLA to Remove Legal Issues in Agriculture & Agri-marketing***

The Chief of Party met with Senior Minister GB and Sectary Agriculture to discuss the establishment of Satpara Water Board and water rights issues for the removal of legal issues in agriculture and agri-marketing. The senior minister, as he is also the beneficiary of the SDP project living in the command area of SDP, expressed that the importance of water board formation at SDP command area is highly important. As there are different types of dwellers living, like water rights holder and non-water right holders, in the area so role of district administration community and Water and Power Development Authority (WAPDA) is very important. Therefor the consensus among stakeholders (such as Govt. of GB, WAPDA, primary water right holders and proposed water users with no water rights) on the water governance model will be the challenge for future with extended importance being given to water and related issues.



*CoP SDP Meeting with Senior Minister*

#### ***E. Enhance Effectiveness of Agriculture Extension Services/Facilitate in Crop Inspection System for Certification with FSC&RD***

The project continued to facilitate the registration and certification services to SDP supported business through Federal Seed Certification and Registration Department (FSC&RD) and the licensing of Crop Inspectors through FSC&RD on seed certification. Mr. Jan Muhammad, Deputy Director, FSC&RD, visited all six (06) fruit nurseries of SDP area for inspection of plants. And for the first time in the history of GB the Director of Department of Agriculture and Director FSC&RD Jan Mohammad inaugurated first certified nursery plant outlet for sale of certified fruit plants in Skardu.



*Director DoA and Director FSC&RD Inaugurating First Certified Nursery Plant Outlet*

#### ***F. Thematic Conferences***

SDP organized one thematic conference in the reporting quarter which mainly focused on the role of LSOs in post-SDP scenario. The idea is to develop a mechanism to incorporate into and operationalize the WUAs, FEGs and WPGs of the area by their respective LSOs in projected, mutually developed, organized and legitimate setup. LSOs will act as the leading organization to direct development process for creating an enabling environment for agriculture sector to grow.



*Thematic Conference in Progress*

Main discussion points of thematic conferences included community based organizational setups in changing agricultural-development scenario, their registration processes and modality for collaborating their ways of working. In the given perspective of SDP, thematic discussions were focused on role of LSOs and their affiliate networks in strengthening FEGs, WPGs and WUAs in post-SDP scenario and conference participants explored ways which can be mutually beneficial for farming communities, FEGs, WPGs and LSOs. To discuss the background of networking, particularly regarding FEG/WPGs, the SDP staff expressed about the Importance of Networking for production, processing and marketing of the production by FEGs and how to make the benefits sustainable. The staff expressed that FEGs/WPGs have been formed to maximize the profit of the farmers and emphasized to produce focused crops, tomato and peas, for this year. The farmers were also sensitized about growing calendar and types of peas, as focus vegetable this year.

### ***G. Media Outputs***

SDP planned one (01) media output activity which was a program titled *Importance Of Certified Fruit Nursery Plants* which was aired on FM 99 radio channel. Mr. Jan Muhammad and Ghulam Abbas, Food Processing Officer from SDP participated in this talk show. SDP beneficiaries asked live questions and also shared their valuable growing experiences about non certified seeds and their impact on agriculture particularly on orchards and nurseries.

### ***H. Video Documentary (Raw Footage)***

SERENDIP Productions is continuously taking video and still footages. This time they visited the project area to capture activities during the reporting quarter. The documentary is expected to be finalized by June 2016.

### ***I. Events***

SDP organized an introductory session of the Project Civil Testing Lab for the newly appointed Chief Engineer Public Works Department Government of GB and facilitated a



detailed visit of civil testing Lab where the Lab technician Mr. Sadaat Ali explained in detail the role of Lab during the construction of the minors and other civil works in SDP. He also conducted a civil test of a sample of a concrete cube collected from the site of a contractor. The Chief Engineer was highly impressed by the work quality and the quality control mechanism of SDP civil works.

**Table - 4: Target vs. Achievement Component IV**

Ref. code	Activity Code	Activities	Unit	Targets		Achievements		Remarks
				Year	Q4	Q4	Cumulative	
<b>COMPONENT4: CREATE AN ENABLING ENVIRONMENT FOR THE AGRICULTURE SECTOR TO GROW</b>								
<b>5.3.1</b>	<b>Improvement in Water Utilization System and Rules</b>							
	5.3.1.a	Study traditional and state rules on water rights and find gaps	Study	1			1	
	5.3.1.b	Meetings with community/ Govt. on issues/formulate reforms	Events	4	1		4	Series of Meetings held
<b>5.3.2</b>	<b>Enhance Effectiveness of Agriculture Extension Services</b>							
	5.3.2.b	Facilitate legislation for water governance and Public, Private management	Reports	1	1	1	1	completed
	5.3.2.c	Facilitate in crop inspection system for certification with FSC&RD	Event	1			1	completed
	5.3.2.d	Training & licensing of Crop Inspectors through FSC&RD on seed certification	Training	1			1	Completed
<b>5.3.3</b>	<b>Establishment of FEG Networks</b>							
	5.3.3.a	Support LSOs/Networks to form WUAs and handle social/Water issues	LSO	4		3	4	Completed
	5.3.3.d	Establish Farmers' Resource Forum under LSO/ FEG Networks	LSO/FEG network	4	2			On-going
<b>5.3.4</b>	<b>Policy Dialogue</b>							
	5.3.4.a	Hold dialogues with Government/GBLA to remove legal issues in agric. & marketing	Events	4	1	3	3	completed
	5.3.4.b	Thematic Conferences	Events	4	1		6	Completed
	5.3.4.c	Media Outputs (press release, feature report etc.)	Events	4	1	1	5	Completed
	5.3.4.d	Video Documentary (Raw Footage)	Documentary /visit	1				On-going
	5.3.4.e	Events	Events	1		1	1	Completed

## 4. ADDRESSING GENDER EQUITY

### A. *International Women's Day 2016 (PLEDGE For Parity)*

AKRSP-SDP organized and celebrated International Women's Day 2016 in collaboration with International Centre for Integrated Mountain Development (ICIMOD), AURAT Foundation and Baltistan Cultural Development Foundation (BCDF) with its global theme (Pledge for Parity) "to end all form of discrimination against women". Mrs. Komal Waqar from ICIMOD, Mrs. Yasmin Karim, PM Gender and Development (GAD) AKRSP, Mrs. Rehana Ebadi member GBLA, Mr. Muhammad Shigri commissioner Baltistan Division, Khwahar Masooma Jafferi Religious Scholar, Nazih Saleem Civil Judge and 80 women activists attended the seminar. A charter of demand was presented which emphasized on enabling environment and ensuring women's participation in all social, economic and political sectors. Two women (Marzia, President WUA Guldasta Hussainabad and Farzana FEG member) were presented with award of appreciation for their efforts in agriculture and irrigation sectors.



Yasmin Karim, PM-GAD AKRSP presenting Charter of Demand

### B. *Gender Analysis of SDP Interventions*

#### i. *Managers Conference of WUAs, FEGs, WPGs*

To make women more informed on grants/modalities/roles and responsibilities and to increase their knowledge and understanding of project in a way that they will be able to better participate in implementation of project activities, SDP made special efforts and facilitated women to participate in managers' conference organized for the representatives of WUAs, FEGs and WPGs. The topics of Networking, Maintenance of Minors and Tertiary Channels and suggestion for Linkages with LSOs and Networks were discussed.

The women participants were provided with pick and drop service to conference venue and culturally acceptable seating and dinning arrangements were made to make them feel comfortable. As a result 16 women out of total 48 community leaders participated in the conference.

### Women Participation in Managers Conference



#### ***ii. Networking of FEGs and WPGs with LSO's***

The FEGs and WPGs were informed about the Importance of Networking for production, processing and marketing by FEGs and how to make the benefits sustainable. To ensure this FEGs have to register to LSOs for income generation. Although any farming men and women can participate in these trainings but couples are especially encouraged so that they may manage family businesses in a better way. With this strategy SDP has been inculcating skills in participating women on the themes of group dynamics, teamwork, leadership, and decision making. A total of 16 women participated in this conference.

#### ***iii. Exposure Visit***

For the basic market research SDP conducted exposure visit of FEG members. The objective was to enhance farmers' entrepreneur skills, knowledge and equip them with marketing skills to hunt available opportunities for their produce in the market. Out of 19 farmers facilitated for exposure visit six (06) were women who were taken to visit weekly bazar, Centaurus mega mart, Metro store and *Sabzimandi* (Vegetable Market) at Islamabad. This activity will lead to women empowerment in terms of increasing their access to national market.

#### ***iv. Establishment of Baking Unit***

A baking unit has been awarded to a woman named Khadija from MC with the aim to promote high quality apricot cake in town area. She has also been given training at Serena Hotel, Shiger Fort. This will not only provide her an opportunity but will be a commercial place to engage other women in generating employment which will ultimately lead to women economic empowerment.

## 5. CHALLENGES / PROBLEMS ENCOUNTERED DURING THE REPORTING PERIOD

- Watering season caused difficulty in initiation/resumption of physical work on tertiary channels, especially in areas where water diversion is not possible.
- Very cold and harsh weather was a hurdle in construction activities especially in civil work.
- The current chilly weather with frequent rain may damage the apricot flowering, with the possible effect of reduced production for the coming apricot season.
- Non availability of political figures, notables, bureaucrats and community activists due to seasonal migration to down country and their business is a critical challenge.
- Ensuring quality and supply of identified produce to generate economy of scale to target large lucrative markets appears to be a critical challenge.
- Absence of Public Private Partnership (PPP) is a hurdle for continuation of *Jumma Bazaar* as a successful business model.

## 6. PROJECT MANAGEMENT AND M&E

### A. *Staff Recruitment/HR*

During the reporting quarter new staffs were hired on vacant positions and advertisements were made against positions which got vacant during reporting quarter. A brief of HR updates is as follows:

- The contracts of three (03) Site Inspectors & one rodman were renewed for the period of three months.
- The contracts of Agri Supervisor & four Agriculture Field Assistants were renewed till 31 March, 2016.
- The contracts of two Field Engineers were renewed for the period of three months.
- The contract of Civil Engineer was revised from short term to extended term contract as on 1st Jan, 2016.
- The position of Environmentalist was advertised on bright-spire and was filled with selected candidate.

### B. *Monitoring and Evaluation Activities*

Monitoring and Evaluation Section collected monitoring data and reported on that bi-weekly and quarterly. The section also updated progress on Economic Growth and Agriculture (EGA) indicators and uploaded data on Pak Info website.

AKF-P and SDP jointly organized Annual progress review and planning meeting was in Islamabad. All core staff from AKF-P and SDP project participated in this three days long workshop. During the first one and half days the progress of year 2015-16 was reviewed. Main topics of the workshop included project progress as per planning, key bottlenecks

impeding project progress, project successes, challenges and lessons learned. Some of quarterly targets, particularly where underachievement was observed, were also revised to gear up efforts in achieving targets. During remaining time of one and a half days the work plan was discussed and all sections came up with their annual plan and budgets. USAID Staff also participated in this workshop and took keen interest in sessions. As a result AKF-P- was able to submit the Annual Work Plan for 2016-17 to USAID for approval. On the last day of the workshop team members from the Office of the Inspector General (OIG) also participated as observers.

AKF(P) conducted a number of meetings with the USAID for the Annual Work Plan, so in the light of discussion had submitted the revised annual work plan for the year 2016-17 for USAID's approval.

During the month of January 2016, a detailed orientation and briefing meeting has been conducted with the representatives from OIG-Islamabad. The meeting proved to be beneficial for clarifications of roles and responsibilities of Aga Khan Foundation-Pakistan as a prime awardee for the Satpara Development Project in Skardu

### ***C. Environmental Compliance***

Environment section worked closely with the implementation teams to ensure environmental compliances. The section is working on two important aspects a) capacity building and awareness raising of implementing teams and beneficiaries, b) environmental monitoring through using Environmental Monitoring and Mitigation Plan (EMMP) and field tools to ensure implementation of health and safety standards and environmental compliances of construction activities.

The Environment Team after thorough research and wide ranging discussions developed a new PPE's policy for SDP. The idea was to improve the PPE quality and compliance especially at WUA level. The concept note has been approved and the new policy is being implemented. This policy is designed to ensure maximum protection of the workers and to improve compliance with special focus on impressing upon the communities the importance of the PPE's.

The Environment team has initiated the process of preparing site specific Environment Management Plans (EMPs) for the new schemes on the streams. This was necessitated by the fact that the streams where new structures are planned to be developed are in a different type of location compared to previous SDP interventions. The new space offers new challenges requiring new HSE measures to be implemented. A briefing was organized for the Mission Environmental Officer (MEO) at AKF(P), the environmental team briefed the participants about environmental compliances ensured, challenges faced and a way forward.

**Table -5: Targets vs. Achievements of Project Planning and M&E Activities**

Ref. code	Activity Code	Activities	Unit	Year 2015-16 Target				
				Year Target	Q4 Target	Q4 Achievement	Cumulative Achievement	Remarks
<b>6</b>	<b>Gender</b>							
	6.1	Gender awareness workshops for communities	Workshop	2			2	Completed
	6.2	Facilitate mother and children during training and workshops	Lump sum	1				Continuous activity
	6.3	Gender awareness workshop for staff	Workshop	2			2	Completed
	6.4	Gender Assessment and Action Planning	Consultant	0.7			0.7	Completed
	6.5	Gender sensitization workshop for contractors	Workshop	1			1	Completed
	6.6	Capacity Building of Gender Staff	Training	1	1		0	No request received
<b>7</b>	<b>Environment</b>							
	7.1	Environment awareness workshops for communities	Workshop	2			2	Completed
	7.2	Environment awareness and planning workshops for staff	Workshop	1			1	Completed
	7.3	World Environment day	Event	1	1		1	Completed
	7.4	Workshops for sensitization and action plan to contractors, site engineers and social mobilization team on EMMP and PPE	Training	2			2	Completed
	7.5	Staff capacity building training	Training	1	1		1	NEBOSH Training from Jan-Feb of third year reported here
	7.6	Mitigation measures	Lump sum	1				No budget allocations were made
<b>8</b>	<b>Monitoring and Evaluation</b>							
	8.12	Quarterly Planning and Progress Review Workshop	Workshop	2	1		1	

	8.13	Biannual Planning and Progress Review Workshop	Workshop	1			1	Completed
	8.14	Annual Planning and Progress Review Workshop and Retreat	Workshop	1	1	1	1	Completed
	8.15	Case studies/Success Stories/Small Scale Studies	Report	1			1	Completed
	8.16	Capacity Building of M&E staffs in Project Planning and Research Methods	Training	3			4	Completed
	8.17	Printing of Various reports	Lump sum	1				On-going
	8.18	Mid Term Evaluation (preparations)	Lump sum	1				Completed



## 7. Lessons Learnt:

- For policy formulation and regulation related activities involving government officials and elected representatives in bureaucracy was fruitful. The officials in relevant departments have experience and expertise which can add value to draft formulation and submission.
- Involvement of other stakeholders including senior official from Agriculture Department and LSO Managers in Annual Progress Review and Planning Workshop was immensely fruitful and helped reflecting their concerns in the annual work plan. This helped SDP in making the work plan more need driven and coherent.
- LSO Support activity was a successful experience in improving community ownership towards development in their respective areas. This activity also helped SDP in selection of awardees more efficiently and effectively and also helped a great deal in conflict management.
- During winters FEG mobile marketing model worked very well which provided opportunity to FEG members to sell their vegetables at different locations of Skardu city as well as consumer enjoyed fresh vegetable available at their door step.

## Annex I: Work plan for 2016-2017

Component-1 ( Efficient Use of On-farm Water)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr.-5	Budget USD	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
[Number of hectares with irrigation and drainage services (4.5.1-28) and with improved technologies or management practices as a result of USG assistance (4.5.2-2)], [Increase in number, size, and length of newly constructed or improved irrigation infrastructures in kilometers], [Decrease in losses of irrigation water due to faulty or poorly designed irrigation structures and inefficient use	2.3.1.2.a	Construction of Main & Secondary Channels LBC- Package 1	Meter	11105	11052	Close out	240000		Close out			Team Leader Infrastructure	All intended lengths have been achieved. Difference in target vs achievement is due to termination of contract with MIC (LBC Package 2) and shifting of its targets to other packages.
	2.3.1.2.b	Construction of Main & Secondary Channels LBC- Package 2	Meter	5573	5520	Close out			Close out			Team Leader Infrastructure	
	2.3.1.2.c	Construction of Main & Secondary Channels RBC- Package 3	Meter	11072	10885	Close out			Close out			Team Leader Infrastructure	
	2.3.1.2.d	Construction of Main & Secondary Channels RBC- Package 4	Meter	7960	7955	Close out			Close out			Team Leader Infrastructure	
	2.3.1.2.e	Development and construction of additional water sources	Meter	6313	0	6313	1900213	1000	4000	1313	0	Team Leader Infrastructure	
	2.3.1.3.a	Construction of Watercourses (Chaks) Above 20,000 (including 16 carryover from last year)	Water course	57	27	46	1259986	16	10	20	0	Team Leader Infrastructure	
	2.3.1.3.b	Construction of Watercourses (Chaks) Below 20,000	Water course	80	67	10	70000	0	5	5	0	Team Leader Infrastructure	

Component-1 ( Efficient Use of On-farm Water)													
Indicators by farmers through increasing the Field Irrigation Efficiency Ratio (FIER)]	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr.-5	Budget USD	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
	2.3.1.5	Installation of drip irrigation system	Acres	22	0	22	40800	5	10	5	0	Team Leader Infrastructure	Two acres carried over from previous plan
	2.3.1.6	Assessment Study of water resources outside existing Satpara Dam	Study	1	0	1	20000	0	1	0	0	Team Leader Infrastructure	
	2.3.1.7	Establishment of demo sites	Number	4	0	4	120000	0	2	2	0	Team Leader Infrastructure	
	2.3.1.8	Equipment (current meters, flumes)	Number	10	0	10	6000	10	0	0	0	Team Leader Infrastructure	
[Increase in number of WUAs registered, trained and fully functioning], [Increase in number and length of water delivery systems, adopted by, managed by & maintained by WUAs], [Private sector services for support to operation and maintenance of irrigation	2.3.2.1 a	Formation and Realignment of WUA's	WUAs	137	110	40	0	20	10	10	0	Sr. Social Mobilizer	Earlier we had target of 137 but now there will be more WUAs around additional water channels
	2.3.2.1 b	Registration of WUAs	WUAs	137	110	40	2000	20	10	10	0	Sr. Social Mobilizer	
	2.3.2.1.c	Formation of Farmer Organizations	FOs	23	0	23	3450	8	10	5	0	Team Leader Infrastructure /Sr. Social Mobilizer	
	2.3.2.2 a	WUA Managers Conference	Conference	6	4	2	1600	1	0	1	0	Team Leader Infrastructure /Sr. Social Mobilizer	

Component-1 ( Efficient Use of On-farm Water)													
Indicators infrastructure are in place, funded through fees from the water rights trading system]	Activity #	Activities	Unit	Project LoP target	Cumulative Achievemen ts Year-1-4	Targets for Yr.-5	Budget USD	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q_4		
	2.3.2.2.b	WUA Trainings	Traini ng	19	16	3	1500	1	1	1	0	Team Leader Infrastructure /Sr. Social Mobilizer	
	2.3.2.2.c	Exposure visits for the members of water user associations	Visit	5	3	2	4600	1	1		0	Team Leader Infrastructure /Sr. Social Mobilizer	
	2.3.2.2.d	Workshop on <i>Warabandi</i>	Works hop	2	0	2	1600	1		1	0	Team Leader Infrastructure /Sr. Social Mobilizer	
	2.3.2.2.e	Community Consultations for Additional Water Sources	Consul tation	7	0	7	5600	7				Team Leader Infrastructure /Sr. Social Mobilizer	
	2.3.1.3 b	Exposure visit of Field Staff to Efficient Irrigation systems	Visit	1	0	1	8000	1	0	0	0	Team Leader Infrastructure /Sr. Social Mobilizer	
	2.3.1.3.d	Training of Staff and FO members on <i>Warabandi</i>	Traini ng	2	0	2	12000	1	1	0	0	Team Leader Infrastructure /Sr. Social Mobilizer	

Component -2 (Enhancing Production of High Value Horticulture and Dairy Products)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
[# of FEGs (men and women) formed and functioning to enhance productivity of horticulture and dairy products by EOP], [% increase in number of entrepreneurs and business groups reporting improved levels of market independence], [% increase in private sector organizations reporting improvement in public sector policies and services], [Number of micro, small and medium enterprises (MSMEs), including farmers, receiving business development services from USG assisted sources (4.5.2-37)]	3.3.3	Training of the members of the FEGs/WPG and Extension workers	Training	32	22	10	500	4	6	-	-	VC Specialist / Agriculture Marketing Specialist	
	3.3.3 a	Exposure visit of the FEGs/WPG	Visit	3	1	2	2,000	-	1	1	-	VC Specialist / Agriculture Marketing Specialist	01 Visit earlier reported as sub-grantee visit (FEG members)
	3.3.3 b	Grants to FEGs for production level activities	Grants	8	5	3	5,000	2	1	-	-	VC Specialist / Agriculture Marketing Specialist	
	3.3.4.3.d	Provision of packaging material for FEGs	VCS	8	4	4	3,825	-	1	2	1	VC Specialist / Agriculture Marketing Specialist	Year 2 Cherry Packaging, Year 4 Cherry, Tomato and apricot

Component -2 (Enhancing Production of High Value Horticulture and Dairy Products)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
[# of cold storage facilities for freshly picked fruits, vegetables and/or dairy products established and fully functional is increasing by EOP]	3.3.4.4.b	Establishment of Bio Climatic Cellar (storage)	Cellar	4	0	4	6,000	1	3	-	-	VC Specialist / Fruit Processing Officer	
[# and outreach of subject matter extension services increased (Agriculture and Livestock departments)], [# public private partnerships (PPP) linked to improved extension services increasing over project duration]	3.3.8	Agri/ Livestock Extension Workers Training and provision of tools kit	Training	4	4	1	12,000	-	1	-	-	VC Specialist/Dairy Value Chain Developer	Year 3 two trainings, Year 4 target was one but two refresher training
	3.3.14	Facilitation of DOA,DOL staff in providing extension service to grantees	Facilitation	6	1	5	5,000	1	2	2	-	VC Specialist/Dairy Value Chain Developer	
	3.3.14a	Grantees Technical follow up	Person	4	0	4	6,000	1	1	1	1	VC Specialist	
[# of commercial fruit and nut orchards established by pooling adjacent	3.3.4.2.a	Establishment of commercial orchard	Orchard	53	48	5	25,000	5	-	-	-	VC Specialist / Horticulturalist	

**Component -2 (Enhancing Production of High Value Horticulture and Dairy Products)**

Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
								farmland through FEGs increases year on year to EOP], [% of farming households adopting improved varieties of fruit and nut trees and using improved natural/organic vegetable farming practices (GAP) is increasing yearly to EOP]	3.3.4.2.b	Training in orchard management	Training		
[# improved seed producers is increasing (mainly through locally-based women's groups) yearly to EOP], ['x' % of farming households adopting improved varieties of	3.3.5.2.a	Establishment of vegetable production farms (3 kanal/ farm)	Farm	37	27	10	25,000	7	3	-	-	VC Specialist	

**Component -2 (Enhancing Production of High Value Horticulture and Dairy Products)**

Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
								vegetables and improved natural/organic vegetable farming practices (GAP) is increasing yearly to 'x' % year on year], [ Increase in production of farm-fresh vegetables sold in the local markets continues to EOP (disaggregated by quantity, variety and time period of sale)], [Ratio of net income of farming households from sale of higher value branded vegetables against non-branded increases by EOP]	3.3.5.2.b	Training on vegetable farming	Training		
[# households and groups adopting tunnel greenhouses for off-season vegetable production is increasing yearly to EOP],	3.3.5.3.a	Establishment of Green house	Greenhouse	334	304	30	150,000	15	15	-	-	VC Specialist	
	3.3.5.3.b	Training on Management of Greenhouse	Training	13	9	4	6,000	2	1	-	1	VC Specialist	



Component -2 (Enhancing Production of High Value Horticulture and Dairy Products)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
[% of farming households that have received improved breeding stock increasing yearly to EOP], [# of hectares of new fodder varieties introduced on farmland and community land increasing yearly to EOP], [A range of innovative models of feed type and feeding techniques for dairy cattle is introduced by EOP], [# and outreach of subject matter extension services increased (Agriculture and Livestock departments)]	3.3.6.1.c	Improvement of existing animal Shed	Grants	115	15	100	150,000	30	30	40	-	VC Specialist/Dairy Value Chain Developer	
	3.3.6.2.b	Grants for Silage making, and marketing	Grants	2	2	2	6,000	1	1	-	-	VC Specialist/Dairy Value Chain Developer	
	3.3.6.2.c	Training in Silage making	Training	1	1	1	2,000	-	-	1	-	VC Specialist/Dairy Value Chain Developer	

Component-3 (ENHANCING PROCESSING AND MARKETING CAPACITY OF THE AREA)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
[# of effective fruit and vegetable drying technologies established and fully functional is increasing by EOP]	4.3.2.b	Post-Harvest Handling Training	Training	14	12	2	5000	1	1	-	-	VC Specialist / Fruit Processing Officer	
	4.3.2.2.a	Provision of improved dehydration units HH level	Plant	103	73	30	25,500	15	15	-	-	VC Specialist / Fruit Processing Officer	
	4.3.2.2.b	Establishment of fruit dehydration center	Center	2	0	2	20,000	2	-	-	-	VC Specialist / Fruit Processing Officer	
	4.3.2.2.c	Training in drying Technology and processing	Session	3	2	1	2500	-	1	-	-	VC Specialist / Fruit Processing Officer	
	4.3.2.2.d	Training in food safety and Hygiene	Training	1	0	1	2500	-	1	-	-	VC Specialist / Fruit Processing Officer	
[# of certified small-scale fruit, vegetable, and dairy processing units established and fully functional is increasing by EOP]	4.3.2.3.c	Establishment of fruit processing center	Center	2	1	1	19,000	1	-	-	-	VC Specialist / Fruit Processing Officer	
['x' % increase in production of at least five (5) key	4.3.2.4.a	Facilitation in the establishment of fresh milk collection centers	Center	2	1	1	7,000	1	-	-	-	VC Specialist/Dairy Value Chain Developer	

Component-3 (ENHANCING PROCESSING AND MARKETING CAPACITY OF THE AREA)													
Indicators horticulture & dairy products by EOP]	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
	4.3.2.4.d	Training on dairy product development	Training	2	1	1	3,500	-	-	1	-	VC Specialist/Dairy Value Chain Developer	
['x' % increase in sales of at least five (5) higher value branded products to domestic and international markets by EOP], ['x' % increase in value added (per kg or per liter) for at least five (5) selected value chain commodities in domestic and international markets by EOP], [% of growers (traders) selling at least four (4) key horticulture products down country or to exporters by EOP], [Value of exports of targeted commodities as a result of USG assistance (4.5.2-36-mod)]	4.3.3.b	Participation in National Exhibition, fairs etc.	Persons	32	24	8	5,200	-	4	4	-	Agriculture Marketing Specialist/VC Specialist	
	4.3.3.c	Business accelerator training program	Training	5	0	5	6,735	-	2	2	1	Agriculture Marketing Specialist/VC Specialist	
	4.3.3.d	Market access Program(MAP)for target VCs	Persons	8	0	8	5,200	-	4	4	-	Agriculture Marketing Specialist/VC Specialist	
	4.3.3.e	Printing of product promotional material	VCs	4	0	4	15,300	-	1	2	1	Agriculture Marketing Specialist/VC Specialist	
	4.3.3.1.c	Support to establish market information system	Service	1	0	1	15,000	-	-	1	-	Agriculture Marketing Specialist/VC Specialist	
	4.3.3.3 a	Facilitation in establishment of weekly bazaar	Weekly Bazaar	14	9	5	2,000	-	1	4	-	Agriculture Marketing Specialist/VC Specialist	

Component-3 (ENHANCING PROCESSING AND MARKETING CAPACITY OF THE AREA)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
	4.3.3.3.c	Assist in the establishment of lead enterprise	Enterprise	1	0	1	15,000	-	1	-	-	Agriculture Marketing Specialist/VC Specialist	
	4.3.3.3.d	Establishment of market infrastructure for weekly bazar	Structures	5	0	5	52,860	-	-	4	1	Agriculture Marketing Specialist/VC Specialist	

Component-4 (Created an Enabling Environment for the Agriculture Sector to Grow)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
[# of enabling environment working groups functioning]	5.3.3.a	Support LSOs/Networks to form WUAs and handle social/Water issues	LSO	4	5 (Continue)	4	40,000	4	-	-	-	Team Leader Infrastructure/VC Specialist/Sr. Social Mobilizer/CoP	

Component-4 (Created an Enabling Environment for the Agriculture Sector to Grow)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
[# of standards of good agricultural practices for production of fruits and vegetables developed and implemented], [Certification procedures for a range of fruit and vegetable crops developed at Karakorum International University in conjunction with FSC&RD, PARC, KARINA, DOA GB]]	5.3.2.c	Facilitate in crop inspection system for certification with FSC&RD	Event	4	1	3	3,000	1	1	1	-	CoP/VC Specialist	
[# of enterprise networks established], [# of products introduced under one label], [Number of micro and small enterprises linked to larger-scale firms as a result of USG assistance to the value chain]	5.3.3.d	Establish Farmers' Resource Forum under LSO/ FEG Networks	LSO/F EG network	1	0	1	60'000	-	1	-	-	Agriculture Marketing Specialist/VC Specialist/CoP	

Component-4 (Created an Enabling Environment for the Agriculture Sector to Grow)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
[03 policies/regulations/administrative procedures at a given stage of development as a result of USG assistance (4.5.1-24)], [Legal instruments for improving the water management system are drafted or in place], [Number of USG-assisted organizations that participate in legislative proceedings and/or engage in advocacy at all levels], [Rules on use of water and improved water delivery systems established], [Role of private sector included in water management system]	5.3.1.b	Support to Govt. on water board and drafting bill and its institutionalization.	Events	4	0	4	12,000	1	1	1	1	CoP	
	5.3.2.b	Facilitate consultation and legislation for horticulture policy and bill for GB- HDEB	Reports	4	0	4	12,000	1	1	1	1	CoP	
	5.3.4.a	Hold dialogues with Government/G BLA to remove legal issues in agric. & marketing	Events	3	1	2	12,000	1	1			CoP	
	5.3.4.b	Thematic Conferences	Events	19	15	4	2,100	1	1	1	-	VC Specialist/Environmentalist/ Gender Monitor/ Sr. Social Mobilizer	
	5.3.4.c	Media Outputs (radio talks.)	Events	16	5	11	3,300	3	3	3	2	Manager Administration	

Component-4 (Created an Enabling Environment for the Agriculture Sector to Grow)													
Indicators	Activity #	Activities	Unit	Project LoP target	Cumulative Achievements Year-1-4	Targets for Yr-5	Budget	Targets for 2016				Person Responsible	Remarks
								Q-1	Q-2	Q-3	Q-4		
	5.3.4.d	Video Documentary	Documentary/Visit	6	3	3	12,000	1	1	1	-	Manager Administration	

#### Gender, Environment and, Monitoring & Evaluation

Ref. code	Activity Code	Activities	Unit	Year 2015-16 Target					Unit Cost	Budget USD
				Total	Q1	Q2	Q3	Q4		
<b>6</b>	<b>Gender</b>									<b>5700</b>
	6.2	Facilitate mother and children during training and workshops	Lump sum	1				1	3000	3000
	6.3	Gender awareness workshop for staff	Workshop	2	1	1			350	700
	6.7	Gender sensitization workshops for community institutions/LSOs	Workshop	4	2	1	1		250	1000
	6.8	Conference on International Day of Rural Women	Conference	1			1		1000	1000
<b>7</b>	<b>Environment</b>									<b>11700</b>
	7.7	Experience sharing with GBEPa regarding Environmental Monitoring and Management in SDP.	Meeting	1	1				200	200
	7.8	Capacity building of LSOs staff regarding environmental compliance	Training	1			1		300	300
	7.9	Seminar on Earth Day	Seminar	1	1				800	800
	7.10	Training to VC awardees on Safe use of pesticides	Training	1		1			200	200
	7.11	Training of Drip irrigation Practices and mitigation measures to awardees and implementers	Training	1		1			200	200
	7.12	Environmental Assessment of Additional Water Resources	Study	1	1				10,000	10,000
<b>8</b>	<b>Monitoring and Evaluation</b>									<b>63000</b>

	8.12	Quarterly Planning and Progress Review Workshop	Workshop	1		1			2000	2000
	8.13	Biannual Planning and Progress Review Workshop	Workshop	1			1		10,000	10,000
	8.15	Case studies/Success Stories/Small Scale Studies	Report	2			2		8,000	16,000
	8.16	Capacity Building of M&E staffs in Survey Designs	Training		1				5000	5000
	8.19	Project Experience Sharing Workshop	Workshop					1	30,000	30,000