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ALTERNATIVE DEVELOPMENT PROGRAM—EASTERN REGION **ADP/E**

**ALTERNATIVE DEVELOPMENT PROGRAM - EASTERN REGION**

**Biweekly Report  
June 16–30, 2008**



## ADP/E General Information

<b>Project</b>	Alternative Development Program – Eastern Region
<b>Start Date</b>	15 February, 2005 (contract signing)
<b>End Date</b>	14 February, 2009
<b>Contract Number</b>	GS-10F-0359M
<b>Order Number</b>	306-M-00-05-00515-00
<b>Cognizant Technical Officer</b>	Patrick J. Ludgate
<b>Contracting Officer</b>	Wanda M. Henry
<b>Geographic Coverage</b>	Nangarhar, Laghman, Kunar and Nuristan Provinces

## ADP/E'S MISSION STATEMENT

The overall objective of ADP/E is to accelerate broad-based, sustainable economic development in the Eastern Region, providing the population with licit livelihood options, and contributing to the elimination of poppy production as an economic element. This will be accomplished by working with the public and private sectors to increase the competitiveness and diversity of regional agricultural and non-agricultural sub-sectors; improving access to markets, inputs and business services; consolidating the presence of supportive public and productive infrastructure; building public and private sector capacity to function in a competitive and transparent economy; and addressing the needs of populations that are heavily reliant on the poppy economy.

**USAID Alternative Development Program - Eastern Region (ADP/E)  
Eastern Region Administrative Map**



## I. EXECUTIVE SUMMARY

Highlights of ADP/E's activities and achievements during this reporting period:

- ADP/E sub contractor IF HOPE has successfully completed the Eastern Region Orchard Development Program (ERODP) project and achieved the expected outcomes including plantation of more than 3000 hectares of orchards, plantation of 1,018,035 saplings, preparation of extension training and crop production training manuals, establishment of demonstration farm and growers association, conducting training for farmers and providing more than 55,000 kg of vegetable seed for intercrop and 370 kg for REVAMP program
- ADP/E assisted farmers with harvest and post-harvest handling and linking them to markets. Farmers from 19 districts harvested, graded and delivered 67 MT of apple, plum, apricot and peach to the local and regional markets
- ADP/E-assisted Regional Vegetable Marketing Program (REVAMP) beneficiaries harvested 43.5 MT of cucumber, okra, tomatoes and eggplant in thirteen districts of the Eastern Region
- ADP/E TIMER teams together with M&E field Monitors and district agriculture extension workers distributed vouchers to more than nine thousand farmers. These farmers are now eligible to receive seed and fertilizer form TIMER Program.
- Sales directly facilitated by ADP/E reached over \$68,138 during the reporting period. The cumulative value of produce sales has now surpassed \$973,738
- ADP/E successfully completed the first round of the training program for Extension Officers from the eastern provinces. The training program incorporated three modules theoretical and practical training in annual horticulture, perennial horticulture and extension techniques
- ADP/E signed a contract with National Consultancy and Relief Association (NCRA) to improve and expand Bagrami Fish Hatchery to produce 400,000 quality fingerlings sufficient for the Eastern Region farmers this year. Availability of fingerlings locally will be a key input to stimulate fishery activities and encourage farmers to try out aquaculture in the region. Up to date 150,000 fingerlings have been produced and are ready for distribution.
- ADP/E organized 9-day training for 85 members of Eastern Region Agri-input Suppliers on Product Knowledge and Crop Management in three sessions. The goal of this training is to build the capacity of selected Agri-input suppliers in supplying of the right Agri inputs products and provide technical advices on recommended crop management. The training focused on topics of understanding fertilizer, seed, crop protection products and agronomic crop-specific management practices. The first round started on June 21<sup>st</sup> and successfully completed during the reporting period.
- ADP/E continued working on 36 active CFW projects, employing a total of 3,541 people and generating 38,168 person days during the reporting period. To date, ADP/E has employed 170,382 people and generated a total of 5.59 million person days worth \$20.5 million in wages paid to villagers<sup>1</sup>. Two CFW project has been completed and handed over to the community during the reporting period.

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<sup>1</sup> Includes AINP and ADP/E

## II. SECTOR ACTIVITIES

### A. ECONOMIC DEVELOPMENT

#### PERENNIAL HORTICULTURE

##### **EASTERN REGION ORCHARDS DEVELOPMENT PROGRAM (ERODP)**

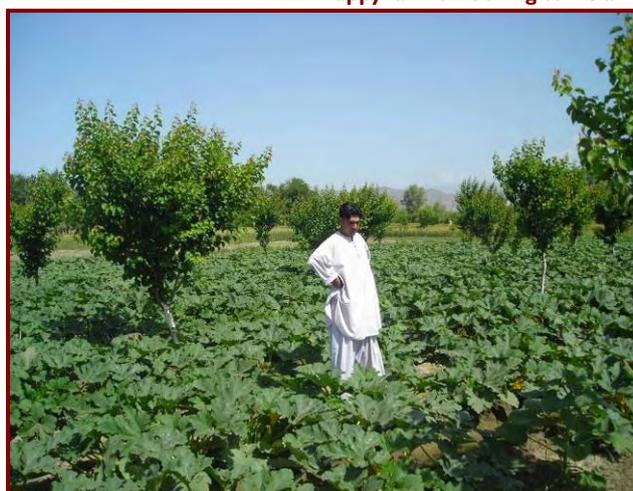
The Eastern Region Orchards Development Program (ERODP) was a USAID funded project administered by ADP/E and subcontracted to the International Foundation of Hope (IF Hope). The main project goal was to ensure that farmers adopt and implement improved orchard management practices and increase the survival rate of new orchards through extension efforts. The project started on 1<sup>st</sup> August, 2005 and successfully completed on 30<sup>th</sup> June, 2008 with the under mentioned main achievements and deliverables:

- Plantation of 3,072 hectares of orchards (target: 3,000)
- Involvement of 5,145 farmers in 19 districts of two provinces (994 in Laghman and 4,151 in Nangarhar) (target: 5,000 in 16 districts)
- Plantation of 1,018,035 saplings including 63,123 replants
- Preparation of extension training manual and four crop production training manuals and conducting over 1,400 training days for MAIL staff (500 target)
- Establishment of four demonstration farms
- Establishment of Growers association spearheaded by ADP/E
- Establishment of four demonstration nurseries
- Establishment of “Innovative Growers Network” involving the top 10% of enrolled farmers. 548 participated in in-depth training.
- Conducting 5,073 training days of classroom training
- Conducting 21,124 training days of one on one technical instruction (20,000 target)
- Providing 55,741 kg of vegetable seed for intercrop and 370 kg for REVAMP program
- Supporting farmers in generation of an estimated income of over \$6 million per year

#### **Success of ERODP, a USAID-funded ADP/E project implemented by IF Hope in Pictures**



**Happy farmer looking to his almond trees full of almonds**



**Vegetable intercropping in apricot**

## COMMERCIAL ORCHARDS

RoP continued to focus on planning their campaign to enlist additional farmers as participants in the coming season's tree planting program as well as supervision of established orchards, conducting field days regarding scientific cultivation of maize and training of farmers on orchard management.

In this reporting period, RoP field staff assisted farmers to care for saplings recently planted by demonstrating modern practices, including irrigation, preparation of open strips around fruit trees, white washing sapling trunks, managing the intercrop and performing integrated pest management.

In addition to providing technical advice, RoP technicians addressed farmers' specific questions and problems about orchard management through regular contact with farmer group leaders, members and elders. During this reporting period, field technicians visited and provided technical assistance to 1180 farmers farming 1772 jeribs of land.

During the reporting period, RoP staff visited Samsor Ban Nurseries located in Chardi village in Laghman Province and ADP/E-assisted sapling nurseries in Samarkhil village in Nangarhar to check on the condition of the saplings being produced for the project and provide technical assistance about weeding, pruning of scar under bud union, pest disease management, fertilizer application and irrigation.



**Pomegranates cutting in ADP/E-assisted Nursery after application of humic acid**

## FRUIT MARKETING PROGRAM (FMP)

ADP/E field technicians assisted fruit growers in 19 districts of the region to harvest and sell their fruit. During the reporting period FMP technicians supported farmers in harvest, post harvest and marketing of apple, plum, apricot and peach with 135 farmers from 19 districts selling 67 MT of fruit and generating a revenue of Afs 1,145,205 equivalent to \$22,904; thirty percent higher than the average market price due to the added value from improved grading and packaging.

FMP field technicians assisted REVAMP beneficiaries to harvest 43.5 MT of cucumber, okra, tomatoes and eggplant in 13 districts of the Eastern Region and market the vegetables at village, district and provincial-level markets. Sales totaled Afs 449,150, equivalent to \$8,983.

## ANNUAL HORTICULTURE

Recognizing the different levels of capacity, as well as the particular needs of subsistence, surplus and semi-commercial farmers, ADP/E has a series of programs that address the requirements of each of these groups as a way to bring them to the next level of the development continuum. Based on this rationale, annual horticulture activities include four major programs:

- Technology Innovations for Market-Led Economic Rehabilitation (TIMER) Program addresses the needs of subsistence farmers in their quest to increase productivity and produce marketable surpluses.
- Regional Vegetable Marketing Program (REVAMP) works with surplus farmers, most of them participants in ADP/E's fruit and vegetable production initiatives. Assistance to this group focuses on improving productivity, reducing post-harvest losses, establishing efficient market networks and capitalizing on collective marketing schemes.
- The Commercial Demonstration Farms (CDF) Program works with a small number of semi-commercial and commercial farmers with emphasis on the introduction of intensive agriculture techniques and high-value crops as well as linking entrepreneurs to regional and international markets.
- In a parallel effort, ADP/E recently introduced the "Grains for Feed Program" which constitutes a complement to ongoing efforts to develop the poultry value chain in the region. This program will integrate over 2,000 farmers, growing 3,000 jeribs of land to grain and legume production to supply the emerging feed industry.

## TIMER PROGRAM

During the reporting period, ADP/E Annual horticulture staff continued to select farmers by distributing vouchers as part of TIMER Fall 2008 vegetable seeds and fertilizers distribution program. To date, ADP/E TIMER teams together with M&E field Monitors and district agriculture extension workers have selected and distributed vouchers to 9,405 farmers (5,402 farmers in 5 districts of Nangarhar, 2,134 farmers in 2 districts of Laghman, 1869 farmers in 3 districts of Kunar). The program is being implemented in close coordination with provincial and district agriculture Directorate in the respective districts. This program will support 25,000 farmers of Kunar, Laghman and Nangarhar through the provision of vegetables seeds and fertilizers. Based on the positive experience of the spring program, in which farmers paid 15 percent of the cost of the input packages at the time of delivery, the farmers' contribution will increase to 25 percent for the fall program.



Farmers in a Filed Day in Small Demo Farms in Bihsud District

Concurrent to the improved seeds and fertilizer distribution, ADP/E will also establish 150 demonstration plots in several districts of the region. The demo plots will serve as experimental sations with focus on crop management practices and marketing of the most commonly grown vegetables in the districts.

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## REVAMP Program

ADP/E's Implementation Partner Roots of Peace beneficiaries finished with the onion harvest.

The yield and the quality of the

onions cultivated this year were excellent which helped farmers to sell the crop in higher prices compared to last year.

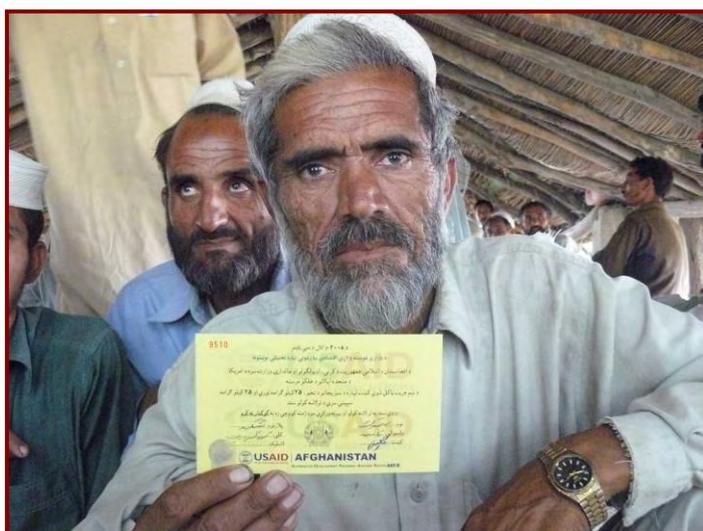
During the last Fall season 1,608 Jeribs of onions were cultivated for the program beneficiaries which produced 19,000 MT onions. Approximately 25% of the production (4,750 MT) was sold on the field (before the crop matured) at the price of 450 US\$/Jerib (37.5 US\$/MT). The rest of the product (14,250 MT) was harvested and has been sold at an average price of 0.10 US\$/kg generating a gross income of 1,425,000 US\$ to the farmers. The gross income generated by the onion harvest considering the two-selling methods was 1,600,000 US\$ approximately.

## COMMERCIAL DEMONSTRATION FARMS PROGRAM,

During the reporting period ADP/E technicians continued training farmers and trained 323 farmers in 13 field days in modern production practices. ADP/E field technicians also supported farmers in marketing different crops, including okra, squash, eggplant, tomato, watermelon, cucumber, and pepper selling 57250 kg of mentioned vegetables and generating a revenue of \$9,114.

## GRAINS FOR FEED PROGRAM

During the reporting period, ADP/E established a 50-Jerib Demonstration Plot on Turkham Highway as a way to expose farmers to a Commercial Yellow Maize Plating. Soil was prepared in the complete area. Ridges and furrows were prepared in 25 Jeribs of land. Planting started and 19 out of 25 Jeribs were planted during the current period.



Farmer showing his voucher for seed and fertilizer in TIMER Fall 2008

Due to water shortage in some villages planting of yellow maize and Mung bean was delayed. It's estimated that around 80% of the area has already been planted (2,440 Jeribs). The remaining 20% will be planted in

July providing that the problem is solved. Sales contract will be prepared and signed between grain traders and farmers group in the following weeks.

### POULTRY DEVELOPMENT PROGRAM

ADP/E is supporting the establishment of three poultry breeder farms to supply the hatcheries and thereby reduce the local industry's dependence on imported hatching eggs or day old chicks. Due to hot weather, the hatcheries stopped import of hatching eggs from USA. 10,200 breeder chicks from the first flock are doing very well and required vaccination was administered to all of them

### MARKET DEVELOPMENT PROGRAM

ADP/E is assisting wholesalers from the Eastern Region ship their produce to international logistics companies and Kabul-based premium supermarkets. During the reporting period ADP/E continued providing market assistance to farmers and traders of Nangarhar, Kunar and Laghman Prvinces targeting different market segments. Sales reports show that ADP/E beneficiaries sold 306,886 kg of fresh vegetable, fruits, herbs and cheese worth \$61,883 in Jalalabad, Kunar and Laghman wholesale markets during the period May 16-31. Traders from the Eastern region continued to supply premium market and companies. During the reporting period the wholesalers shipped 5,541 kg of mixed produce with a total income of \$ 6,256.

#### MARKET DEVELOPMENT PROGRAM BIWEEKLY SALES REPORT

Period: June-15 to 30, 2008

No	Products	Local Market		High Value Market		Export Market		Total weight & Value	
		Kg	\$	Kg	\$	Kg	\$	Kg	\$
1	Vegetables	23,454	37,890	5,391.40	6,029.80	-	-	244,845	43,919.80
2	Fruits	66,980	22,904.10					66,980	22,904.10
3	Herbs	41	21.4	119.6	105.20			161	127
4	Cheese	411.1	1,066.7	30	120.72			441	1,187.42
	<b>Total</b>	<b>306,886</b>	<b>61,883</b>	<b>5,541</b>	<b>6,256</b>	<b>-</b>	<b>-</b>	<b>312,427</b>	<b>68,138.22</b>

Cumulative Sales directly facilitated by ADP/E Since 2006 to June 30	<b>973,738.07</b>
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### MARKET INFORMATION SYSTEM (MIS)

Market Information System collects, analyzes and disseminates price data for 65 commodities in 5 markets, including Kabul, Asadabad, Jalalabad, Mehtralam and Peshawar. These commodities include agricultural inputs, such as seeds, fertilizers and pesticides as well as outputs, e.g. fruits, vegetables and meats.

The Market Information System is progressively consolidating and becoming a service used by farmers, traders and the development community. During this period, the program responded 4,635 text messages and sent 1,270 daily price reports.

### COLLABORATION WITH MAIL

ADP/E Capacity Building team is focusing its efforts in building the capacity of personnel working at the provincial and district level delegations of the Ministry of Agriculture, Irrigation and Livestock in Kunar, Laghman, Nangarhar and Nuristan provinces.

During the reporting period, ADP/E ICB unit successfully completed first round of the training program for Extension Officers from the four eastern provinces; Nangarhar, Laghman, Kunar and Nuristan. The training program incorporated three modules and participants were provided 216 hours theoretical and practical training in annual horticulture, perennial horticulture and extension techniques.

According to plan, ADP/E ICB unit will start the second round of training for the second group of extension officers and extension workers from eastern provinces on 1<sup>st</sup> of July.



**A view of extension officers and workers participating the**

## B. GENDER AND MICRO-ENTERPRISE DEVELOPMENT (GME)

### 1) BUSINESS MENTORSHIP PROGRAM

ADP/E business mentorship program assists women with entrepreneurial abilities to establish their own businesses and accompanies them through the learning journey. During the reporting period, ADP/E assisted a group of women in Paroon District of Nooristan Province by providing them full equipments and inputs for the bakery. These women will bake breads on wage and will sustain their livelihoods.

### 2) POULTRY DEVELOPMENT PROGRAM

During the reporting period, ADP/E, GME team and Habib Hassam LTD had joint visit from ADP/E supported poultry farms. Habib Hassam LTD has recently signed a contract with Eastern Region Poultry Association to purchase the entire broiler production of the association from the Eastern Provinces.

ADP/E collected local poultry feed samples and imported feed samples and will send them this week to Netherlands, KOUDIJS FEED B.V for complete Analysis to find M. Energy, Protein, Fat, Fiber, Lysine, Methionine, Ash and Moisture level in the feeds to know that the nutritive values of poultry feed samples are based on poultry requirement or not. ADP/E also collected samples from local feed ingredients to send them for proximate analysis which will enable feed mill nutritionists to make accurate formulas for different species of animal based on their feed requirement.

### 3) Fisheries Development Program

ADP/E approved Nangarhar Fisheries Association Proposal and will organize three days fisheries trainings for 75 farmers of Nangarhar, Laghman and Kunar Provinces at Nangarhar Agriculture Directorate. The association requested ADP/E to provide assistance for the improvement of farmers' capacity and help their members in preparation of farms input supplies.

In this reporting period, ADP/E signed a contract with National Consultancy and Relief Association (NCRA) to improve and expand Bagrami Fish Hatchery to produce 400,000 quality fingerlings sufficient for the Eastern Region farmers this year. Making fingerlings available is a key input which can be made to stimulate fisheries activities and encourage farmers to try out aquaculture. ADP/E and UNHCR mission had joint visit from the hatchery to assess the project activity which has been undertaken. NRCA is attempting to produce fingerlings to accomplish the deliverables of the project and supply fingerlings to farmers in lower price. According to report of NCRA, they have produced 150,000 fingerlings yet, which is ready for distribution. The produced fingerlings will be supplied to farmers by Nangarhar Fisheries Association in fair prices.

For enhancing the capacity of local veterinarian doctors, professional and farmers, ADP/E-published fisheries manuals were provided to the keen audience to spread the knowledge and skill among the people to stimulate aquaculture activities in the Region.

### 4) Support to Eastern Region Handicraft Association:

Eastern Region Handicraft Association moved to a new wide location where the association will be able to run their operations more smoothly with their partners. ADP/E will assist the association by paying 70% of the rent and the remaining 30% of the rent will be paid by the association for the coming six months.



**Green Houses Operators Participating in a Business Training**

ADP/E assisted ER handicraft association by hiring a local Nooristani to distribute school uniforms in Noorgaram and Bargy Matal Districts of Nuristan Province purchased by Nuristan PRT from the Eastern Region Handicraft Association.

### 5) Women owned Vegetable Nursery

During the reporting period, ADP/E conducted additional business trainings at 18 greenhouses for 180 operators in eastern three provinces: Nangarhar, Laghman and Kunar and started literacy classes in

those greenhouses. The literacy classes will last for two months and participants will learn how to read and write in these classes.

### 6) Surkhrod Packing Facility

During the reporting period, Surkhrod Packing Facility processed 4861 Kg various high value vegetables for Kabul markets and packed 120 kgs onion for Kundoz Agriculture fair.

### 7) Women-owned Herb Enterprises

ADP/E supports fourteen women from the local communities of Sumarkhail, Behsud, and Sukhrod districts who are involved in a new initiative to plant, grow, and sell over 20 varieties of herbs on four jeribs of land. The produce has a good market and is growing on.

During this period different Varieties of dehydrated herbs (125bottles 4,375Kg) have been shipped to Kabul supermarket and sales of fresh herb reached to 41 Kgs generating an income of 22\$.



**Bottled Herbs, Ready for Sale**

## GENDER AND MICRO-ENTERPRISE DEVELOPMENT (GME) ACTIVITIES

PROJECT	DATA	KEY ACCOMPLISHMENTS
Ghanikhil community Midwifery Training (CMT)	18 Nuristani women	<ul style="list-style-type: none"> <li>On-going clinical session</li> <li>Daily English and literacy class</li> </ul>
Directorate of Women Affairs	Nangarhar, Kunar, Laghman DOWA	<ul style="list-style-type: none"> <li>Conducting 3 months Summer English &amp; Computer Classes for high school girls at DoWA office.</li> <li>On-going English &amp; Computer class</li> <li>Conducting of Gender working group Meeting</li> </ul>
Fisheries Development Program	40 women	<ul style="list-style-type: none"> <li>Had joint visit with UNHCR.</li> <li>Had meeting</li> </ul>
Women-owned Fish Farms	40 women fish farmers	<ul style="list-style-type: none"> <li>On-going Monitoring</li> </ul>
Surkhrod Vegetable Packing Facility	15 women Operators	<ul style="list-style-type: none"> <li>4861 Kgs various vegetable shipped to Kabul Markets.</li> </ul>
Women-owned vegetable nurseries	180 nursery operators	<ul style="list-style-type: none"> <li>On-going monitoring</li> <li>4 days business trainings at each site</li> <li>Daily Nursery &amp; Literacy classes.</li> </ul>
Women-owned Poultry farms	40 Women Farmers	<ul style="list-style-type: none"> <li>Shipped six poultry feed samples to Netherlad for analysis.</li> <li>On going monitoring</li> <li>Assessment of small scale feed mills</li> </ul>
Mentorship project	200 home based business	<ul style="list-style-type: none"> <li>Established a new shop in Kama for widow.</li> <li>Established a new shop in Angor Bagh for disable girls.</li> <li>Provided bakery equipment for a group of women in Paroon district of Nooristan.</li> </ul>

## C. PRIVATE SECTOR DEVELOPMENT (PSD)

The Private Sector Development (PSD) unit constitutes one of the major components of ADP/E's efforts to assist entrepreneurs to start up new businesses and expand their existing operations. PSD supports entrepreneurs to create bankable business plans, delivers technical and financial management training, builds the capacity of entrepreneurs, facilitates linkages with financial resources, helps establish market linkages for beneficiaries and provides support to the business associations in the region. Activities are designed and new projects selected based on considerations of potential long-term employment opportunities and domestic market product development to reduce reliance on imports.

### SUPPORT TO BUSINESSES

- ADP/E sponsored a delegation of 5 manufacturers from Eastern Region including textile factory, food processing factories, carpet weaving and exporting factory and the packages factory to participate in Kunduz Ag Trade Fair. The fair was organized from 19th to 21st of June in collaboration with USAID, Ministry of Agriculture, Livestock and Irrigation, AICC (Afghanistan International Chamber of Commerce) and AISA (Afghanistan Investment Support Agency) in Kunduz. The booths of the ER businesses were visited by thousands of visitors. Group meetings and as well as one to one meeting were arranged to discuss business linkages between foreign and local businessmen and the ER business owners. The majority of the products which were carried to fair were sold and business relations were established. This will play a major role in facilitating trade between the Eastern Region and the other provinces of the country. Also PSD delegates met traders from Tajikistan, Kunduz, Uzbekistan and had discussion about the future business opportunities with them.
- During the Ag Trade Fair in Kunduz, one of the local carpet manufacturing owners was contacted by a British businessman and was asked to supply him 200 square meters of Afghan hand-made carpet. PSD is looking to have more solid information about the deal and we may help to facilitate the transportation and facilitate future direct carpet export from Afghanistan.
- ADP/E-PSD Unit completed the first draft of the business plan for Gahiz Poultry Feed Mill. A private company which will be owned by Afghans investor would be established in Nangarhar. The mill will be established with 20MT capacity/day
- During the reporting period, ADP/E continued negotiation with a potential investor to establish fruits and vegetable dehydration factory with the capacity of 3-4 metric ton production per day. This will be an enterprise owned by a private person. ADP/E Private Sector will only train its labors and provide technical assistance. This factory will be located in Shirzad District and will create 12 permanent job opportunities for the local people.
- Work continued on establishment of Rodat Textile Training Center. Trainers were hired, venue was identified and selected for the training, and trainees have been identified in coordination with the local village leaders and local Shura. A venue for the training was identified and selected in coordination with the local community heads where all the trainees will have easy access. The training will start in the second week of July/08.



**Community leaders of Rodat District signing the contract of mutual cooperation and project conditions**

- ADP/E-PSD Unit conducted a short study to find out the real quantity as well as the prices of the local cheese which is being supplied to the local market in Jalalabad city. The purpose was to locate customers and venders. The study included information about the quantities, prices, venders, customers as well as the number of shops which sell cheese. The study would help GME Unit (Gender & Micro Enterprise) beneficiaries who are mainly women and produce cheese in 7 centers of the Eastern Region.
- Support continued with the Spinghar Textile Factory. While the practical textile training continued in this reporting period, ADP/E also provided one water tank with the capacity of 1000 liters and 4 tarpaulins. This assistance will solve the problem of shortage of water and irritation of sun in the factory on short term before they move to the building which is under construction.

### SUPPORT TO ASSOCIATIONS

- ADP/E organized 9-day training for 85 members of Eastern Region Agri-input Suppliers on Product Knowledge and Crop Management in three sessions. In the first round, 28 members were trained from June 21 to June 30. The goal of the training was to build the capacity of selected Agri-input suppliers in supplying of the right Agri inputs products and provide technical advices on recommended crop management practices to improve crop



**Association assigned labors are working on cleaning, sorting and grading of garlic**

yields and income in Eastern Afghanistan. The training focused on topics of understanding fertilizer, seed, crop protection products and agronomic crop-specific management practices.

garlic directly from the beneficiaries of REVAMP & TIMER Programs. The association has started on 28<sup>th</sup> of June in Bihsood and Rodat districts and up to date they purchased 6330 Kg of high quality Garlic Seed.

- ADP/E continued supporting Spinghar Poultry Farmers Association. ADP/E assisted Spin Ghar Poultry Farmers Association in providing the following services to their members during the reporting period:
  - ✓ Distribution of 41,300 day-old chicks from both local ADP/E supported hatcheries.
  - ✓ Provision of feed to all ongoing functional farms (1900 bags, each 50 kg)
  - ✓ Vaccination according to the schedule to 50 poultry farms
  - ✓ Medication based on requirements
  - ✓ Sales of 2168 kg chicken meat to Habib Hissam LTD and 7,900 kg to both wholesalers at Jalalabad Poultry Wholesale Market

- ADP/E is implementing Garlic Seed Purchasing Project in 13 districts of Eastern Region including Bihsood, Rodat, Batikot, Ghani Khil, Kot, Alingar, Qarghai, Khogyani, Shirzad, Narang, Sawki, Kama & Asadabad districts through Eastern Region Fruit Growers Association. The Association will purchase

### Distribution of day old chicks, feed and farm equipments from June 1<sup>6th</sup>- 30<sup>th</sup>

No	Item Identification	No. of Farms	Farm Capacity/Per	Status	Remark
1	Farm equipment distribution	2	1000	Female	
2	Day-old-chicks distr bution	41,300		Male and female	29250 to male farms and 33940 female farms
3	Feed distribution	50	1000	Male and female	1900 Bags

4	Vaccination	50	1000	Male and female	
5	Medication	50	1000	Male and female	
6	Sales of chickens in kg		10000	Male and female	2168 to HHL, 7900 Jal Market

### C. TARAQI SABA

- During the reporting period, ADP/E distributed certificates and prizes to female students of TARAQI SABA in Mastora High School of Laghman Province.
- Made a plan for the third session of TARAQI SABA business skill training. The trained staff will restart to train 300 students of 13 girls and boys high schools of Nangarhar, Laghman and Kunar provinces.

## D. INFRASTRUCTURE DEVELOPMENT

### PRODUCTIVE INFRASTRUCTURE PROJECTS (PIPS)

PROJECT	PIP NUMBER	LOCATION	DESIGN % BY DAI	BUILT %	IMPELMENTER	COMMENT
Mashina Road Improvement (7.5 km)	PIP 090201	Qarghayi, Laghman	100	100	HADF	Work completed
Abizai Bridge (67 m)	PIP 090101	Mehtarlam, Laghman	100	50%	MCP	Because of high flood level the work is stopped.
Qasimabad Road (5.7 km)	PIP 082101	Behsud, Nangarhar	100	79%	BCURA	Prime coat has been spread and 2km asphalt completed
Lal Pur Road-(12 km)	PIP 081501	Lal Pur, Nangarhar	100	60%	ACC-LBCC JV	Widening, filling, & construction of structures. Water Bound dumping & side drain construction and 4cm thick layer of Asphalt has been completed on 900M of the road length.

#### ABIZAI BRIDGE (67m): Progress 51%

Due to river flooding, work is suspended until the end of July.

#### LALPUR TO GULDAG DBST ROAD (12 km): Progress 80%

Up to date, the first portion of the road, 1400 meter has been done in DBST. The remaining surface of the Lalpur road has been changed from DBST into better asphalt surfacing and 3670 Meter long road has already been completed. Meanwhile construction of additional structures of the road including retaining walls, washes and culverts have been completed and dumping of water bound material on the remaining portion of the road is in progress. Approval for remaining 6.7km of asphaltting of the road is awaited.

#### QASIMABAD DBST AND GRAVEL ROAD (5.7km): Progress 95 %

Qasimabad road serves densely populated villages in Behsud District of Nangarhar with



A View of the completed Portion of Asphalted Lalpur to Guldag Road

a total population of approx. 12,000. The road starts from Behsud Bridge passing through Qasimabad, Lajigarage, and Taghar villages and finally reaches to Bahrabad village. The length of this road is 5.7 km with the varying widths along the road ranging from 4m up to 8m. The road supports the surrounding 800 hectares of agricultural land irrigated by Kunar River and cropped with rice, wheat, and various types of vegetables.

During the reporting period, sub base filling, base course construction with spreading, watering and compaction continued. So far, asphalt paving has been completed on almost 2.9 km of road.

### **KAMA ASPHALT ROAD (14.5km): Overall Progress 55 %**

Kama Road is one of the biggest productive infrastructure projects of ADP/E. This road starts from Kunar Main Road passing through many districts and finally reaches Sangar Srail Village. Kama Road serves Kama District which is located to the North- East of Jalalabad City, and is one of the densely populated districts in Nangarhar with a total population of about 130,000. The exact length of this road is 14586 meters with 6 meters width. Kama Road supports the surrounding 8000 hectares agricultural land irrigated by Kama Irrigation system (13 canals fed from intakes on the Kunar River); the largest irrigation scheme in Nangarhar province and cropped with rice, wheat, maize, sugarcane, cotton and various types of vegetables and fruits.



**A View of Work Progress on Kama Road: Concrete Vibrating for Box Culverts and Hard Rocks Cutting**

Traditionally this district was called the food store for Nangarhar, as it was supplying a surplus of wheat to the market. As all the inhabitants of Kama District are farmers and their income source is farming and animal husbandry, therefore construction of this road will assist farmers of the district to transport their agriculture products easily to markets in Jalalabad and earn more money.

Progress of the main activities of the project during the reporting period is as following: retaining walls construction 90%, culverts extension and construction 94%, sub grade preparation and widening of the road 92%, sub base preparation 65%, aggregate base course 60%, prime coat 50% and asphalt paving 38%. Looking to the progress of project activities we can say that the overall progress is around 55%.

### **CASH-FOR-WORK (CFW) PROJECTS**

ADP/E continued working on 36 active CFW projects, employing a total of 3,541 people and generating 38,168 person days during the reporting period\*. To date, ADP/E has employed 170,382 people and generated a total of 5.59 million person days worth \$20.5 million in wages paid to villagers.

#### **SUMMARY OF CFW PROJECTS BY PROVINCE**

<b>PROVINCE</b>	<b>TOTAL OF APPROVED PROJECTS</b>	<b>PREVIOUSLY COMPLETED PROJECTS</b>	<b>ACTIVE PROJECTS THIS PERIOD</b>	<b>STOPPED PROJECTS</b>	<b>OTHER PENDING APPROVED PROJECTS</b>	<b>PERSON DAYS OF EMPLOYMENT THIS PERIOD*</b>
Nangarhar	130	107	22	2	0	28,275
Laghman	49	46	2	0	0	1,702
Kunar	25	19	5	0	0	6,946
Nuristan	3	1	1	1	0	1,245
<b>TOTAL</b>	<b>207</b>	<b>170</b>	<b>30</b>	<b>3</b>	<b>0</b>	<b>38,168</b>

## 1) PROJECTS RECENTLY COMPLETED

### A) MAMAND ROAD IMPROVEMENT CFW-082306

The road starts from Shadal Bazaar (km 0 + 00) in Spinghar District (10 km far from district headquarter), runs



Newly improved Mamand Road, Spinghar District, Nangarhar

through the valley and passes several populated villages with agricultural lands and finally ends at Ragha Village (km 12.00) in Mamand Valley. The road serves 20 villages with a population of about 50,000 people, and about 8,000 jeribs of agricultural land. The existing road in this section is not on level terrain, with some steeper lengths of grades up to 5%, passing villages, but is of simple natural gravel construction and not suitable for transporting produce. This length of earth road was too narrow and needed to be widened and improved with 5 m wide gravel surfacing. The main works involved were earthworks cut, laying compacted fill and gravel surfacing. Twenty eight new culverts, 15 new causeways and 6 lengths of retaining walls have been constructed during the project implementation.

### B) SLAUGHTER HOUSE & VEGETABLE RETAIL MARKET IMPROVEMENT CFW-080104

The project is located in Jalalabad City of Nangarhar Province. The old slaughter house was in a very bad condition. The Butchers' Association of Nangarhar has approximately 360 members. Around 40% of the butchers still used the current slaughter house that didn't have any kind of facility to protect them from sun, rain or any nuisance. In addition, the area of the slaughter house is located close to residential houses and due to animal blood spilled on the ground from animal's slaughter and due to non existence of any disposal facility; the blood produced very bad smell which was a big problem for the local people. In addition, the new feed mill in Jalalabad city was in need of animal blood clean of dust and for this and a number of other reasons the slaughter house needed improvement.

The improvement work was jointly taken by ADP/E and PRT. ADP/E built Slaughter House pads of concrete, two sheds from steel pipes, steel profiles and corrugated metal roofs, improved 80 meter long approach road. In addition to these works, 15 concrete pads were built for the vegetable retail markets and a reinforced concrete slab culvert for soil and Food testing laboratory.



Work progress on Baro Sordag Road, Rodat, Nangarhar

## 2) ON -GOING PROJECTS

### A) BARO - SOORDAG ROAD IMPROVEMENT CFW-080903

Baro Soordag road is located in Rodat District of Nangarhar Province. It starts from Jalalabad-Torkham Main Road and runs through agricultural land and passing through 7 villages and finally ending in Baro Village. Total length of the road is 10.5 km with 5 m base width. The road serves 7 villages with a population of about 20,000. It will also serve about 4,000 jeribs (800 hectares) of agricultural land. The existing road is passing through different villages on level terrain and is of simple natural gravel construction and therefore not suitable for

transporting agricultural produce from the lands along the road. This length of earth road needed improvement and therefore designed for a total thickness of 20 cm filling and surfacing materials. The main work involved is scarification of the road, digging side ditches, laying compacted fill and gravel surfacing. There are also 35 new slab

culverts, one 87 m long causeway and 3 lengths of retaining walls with a total length of 340 m to be constructed. The construction of structures will ensure safety from erosion and other damages inflicted on the road by floods and poor drainage.

**B) CHARDEHI SOROBI CANAL AND FLOOD PROTECTION WALLS CFW-081705**

The project is located in Bati Kot District of Nangarhar Province. The existing irrigation system is fed from an existing Canal Intake on Chardehi wash which is built from local materials like tree branches and stones in traditional manner. The existing canal and surrounding agricultural land is seriously threatened by floods during flood seasons. It disrupts the water flow in the canal and causes damage to the agricultural crops grown on the lands. The designed works include construction of three lengths of stone masonry canal protection walls and 2 lengths of stone masonry flood protection walls to provide uninterrupted supply of irrigation water to over 600 jeribs of land serving the farms of about 500 families in the Chardehi cluster villages and also protect the canal and lands from the flood damages. The main work involved is excavation, stone masonry, PCC, Pointing and backfilling of the structures.

**C) NARANG LOI CANAL IMPROVEMENT CFW-101206**

The project is located in Narang District of Kunar Province. The irrigation system is fed from an existing traditional Intake on Kunar River. It was in a very bad condition and was always damaged by floods. The new system is designed to irrigate over 8,000 jeribs of land serving the farms of about 4,500 families and flowing through 9 populated villages in the District of Narang. The main crops grown in this system are wheat, corn, cotton and seasonal vegetables.



**A view of Narang Loi Canal Improvement, Narang District, Kunar**

The project includes the construction of 3 lengths of canal retaining walls with 4 regulating gates including one intake wall. It will also build 220 distributor structures and 17 slab culverts in order to ensure non-interrupted irrigation water and prevent water losses. Construction of the proposed structures will provide sufficient water to Narang Loi canal which is the biggest canal in the district, having 2-3 m width providing irrigation water to agricultural lands on either side of the canal for a length of 17 km distance. Main project activities are excavation for structure foundations, construction of stone masonry retaining walls and distributor structures with regulating gates and RCC slab culverts.

**SECURITY**

The security situation remained conducive for work in this period. The field engineers continued visiting all of the ongoing projects while the security section closely monitored available information they received from reliable sources. There were no major threats to ADP/E staff in the areas they operated.

**CASH-FOR-WORK PROJECTS BY PROVINCE**

PROJECT NAME	PROJECT CODE	IMPLEMENTED June 1-15, 2008	IMPLEMENTED June 16-30, 2008	REMARKS
<b>Nangarhar (Roads)</b>				
Surkhrod Village Roads Improvement	CFW-080212	14%	20%	ACTIVE
Hafizan Road Improvement	CFW-080609	45%	54%	ACTIVE
Torabad to Khogai Road Improvement	CFW-080704	17%	20%	ACTIVE
Baro Soordag Road Improvement	CFW-080903	86%	94%	ACTIVE
Hisarshahi to Mazina Road Improvement	CFW-080904	38%	41%	ACTIVE
Pekha Road Improvement	CFW-081005	45%	50%	ACTIVE
Sarband to Ragma Road Improvement	CFW-081607	26%	29%	ACTIVE
Mashwani Road Improvement	CFW-081706	45%	50%	ACTIVE

Kama Road Structures Improvement	CFW-081802	97%	98%	ACTIVE
Kama Road Surface Improvement	CFW-081803	40%	55%	ACTIVE
Mamand Road Improvement	CFW-082306	95%	100%	COMPLETE
Refurbishment of Jalalabad Slaughter House	CFW-080104	90%	100%	COMPLETE
Remodeling of Shamshapore Causeway	CFW-080211	45 %	50%	ACTIVE
Lajgar Pipe Scheme project	CFW-080306	35%	60%	ACTIVE
Markikhil Micro-Hydro Power Plant	CFW-080409	92%	92%	ACTIVE
Morchal Ragha Intake and Canal Improvement	CFW-081103	64%	86%	ACTIVE
Yonus Tangi Pipe Scheme	CFW-081104	6 %	6%	Suspended
Kandi and Aliakbar Intake	CFW-081306	50%	60%	ACTIVE
Lateral Canal 26 Repair	CFW-081307	26%	30%	ACTIVE
Sarobi Chardehi Intake	CFW-081705	96%	98%	ACTIVE
Janshigal Pipe Scheme	CFW-082001	14%	15%	ACTIVE
Dudarak Micro Hydro Power plant	CFW-082002	45%	65%	ACTIVE
Shangina, Yousufkas and angortak Canals	CFW-082401	15%	30%	ACTIVE
<b>Laghman (Road)</b>				
<b>Laghman (Non Road)</b>				
Laghman Whole Sale Market	CFW-090123	12%	15%	ACTIVE
Kanda Pipe Scheme	CFW-090308	1%	8%	ACTIVE
<b>Kunar (Road)</b>				
Chomyari Road Improvement	CFW-101508	80%	85%	ACTIVE
<b>Kunar (Non Road)</b>				
Narang Loi Canal Improvement	CFW-101206	87%	95%	ACTIVE
Chowkay Gorboz Canal Intake	CFW-101308	28%	35%	ACTIVE
Zangalian & Kamar Jranda Canal Inatkes	CFW-101407	49%	55%	ACTIVE
Mangwal Pipe Scheme	CFW-101509	43%	50%	ACTIVE
<b>Nuristan (Road)</b>				
Paroon-Pronce gravel road	CFW-300101	35%	35%	Suspended
Malil Road Project	CFW-300802	60%	68%	ACTIVE

### III. Required Performance Data

### ANNEX I. ADP/E ACTIVITY LEVEL INDICATORS<sup>2</sup>

Indicator	Added (Bi-weekly)		Target (LOP)	Total LOP (To date)	Target (FY 08)	By province (To date)				By Gender (To date)	
	Previous	Current				Nangarhar	Laghman	Kunar	Nuristan	Male	Female
Total Kms irrigation and drainage canals and karezes ADP # km	Previous	3.3				2,467.49	151.75	95.39	-		
	Current	1.6+	2,631	2716	2,631	0.20	-	1.44	-		
	<b>Total</b>	<b>4.9</b>				<b>2,467.69</b>	<b>151.75</b>	<b>96.84</b>	<b>-</b>		
ADP Kms. of rural roads repaired in poppy regions # km	Previous	11.5				467.78	37.39	55.66	11.15		
	Current	9.8+	548	581.8	548	8.45	-	0.14	1.21		
	<b>Total</b>	<b>21.3</b>				<b>476.23</b>	<b>37.39</b>	<b>55.80</b>	<b>12.36</b>		
ADP/E Hectares of improved irrigation as a result of ADP infrastructure works # hec	Previous	1,001				122,893	7,070	5,369	-		
	Current	-	137,060	135332	137,060	-	-	-	-		
	<b>Total</b>	<b>1,001</b>				<b>122,893</b>	<b>7,070</b>	<b>5,369</b>	<b>-</b>		
ADP/E Amount paid in CFW in AL programs USD (\$)	Previous	164,239				16,119,658	2,975,896	1,035,694	377,403	18,633,845	1,874,806
	Current	119,409*	20,592,363	20628060	20,592,363	91,071	4,430	18,389	5,519	115,624	3,785
	<b>Total</b>	<b>283,648</b>				<b>16,210,729</b>	<b>2,980,326</b>	<b>1,054,083</b>	<b>382,922</b>	<b>18,749,469</b>	<b>1,878,591</b>
ADP/E Afghans paid through CFW salaries #	Previous	504				154,973	11,390	3,228	791	148,824	21,558
	Current	258*	174,000	170640	174,000	225	-	33	-	235	23
	<b>Total</b>	<b>762</b>				<b>155,198</b>	<b>11,390</b>	<b>3,261</b>	<b>791</b>	<b>149,059</b>	<b>21,581</b>
ADP/E Total labor days for CFW #	Previous	38,168				4,506,435	759,765	251,311	99,711	5,072,707	544,515
	Current	26,714*	5,767,708	5643936	5,767,708	20,598	1,001	4,074	1,041	25,746	968
	<b>Total</b>	<b>64,882</b>				<b>4,527,033</b>	<b>760,766</b>	<b>255,385</b>	<b>100,752</b>	<b>5,098,453</b>	<b>545,483</b>
Afghans trained in business skills #	Previous	38				5,823	1,350	663	22	3,403	4,455
	Current	378	7,000	8236	7,000	250	108	20	-	304	74
	<b>Total</b>	<b>416</b>				<b>6,073</b>	<b>1,458</b>	<b>683</b>	<b>22</b>	<b>3,707</b>	<b>4,529</b>
Farmers trained in agricultural practices in targeted poppy provinces under ADP #	Previous	1,476				63,830	29,111	18,253	1	107,395	3,800
	Current	996	120,000	112191	120,000	634	111	251	-	996	-
	<b>Total</b>	<b>2,472</b>				<b>64,464</b>	<b>29,222</b>	<b>18,504</b>	<b>1</b>	<b>108,391</b>	<b>3,800</b>
Farmers receiving seed and fertilizer #	Previous	-				128,723	47,393	37,814	4,000	217,930	-
	Current	-	177,961	217930	177,961	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>				<b>128,723</b>	<b>47,393</b>	<b>37,814</b>	<b>4,000</b>	<b>217,930</b>	<b>-</b>

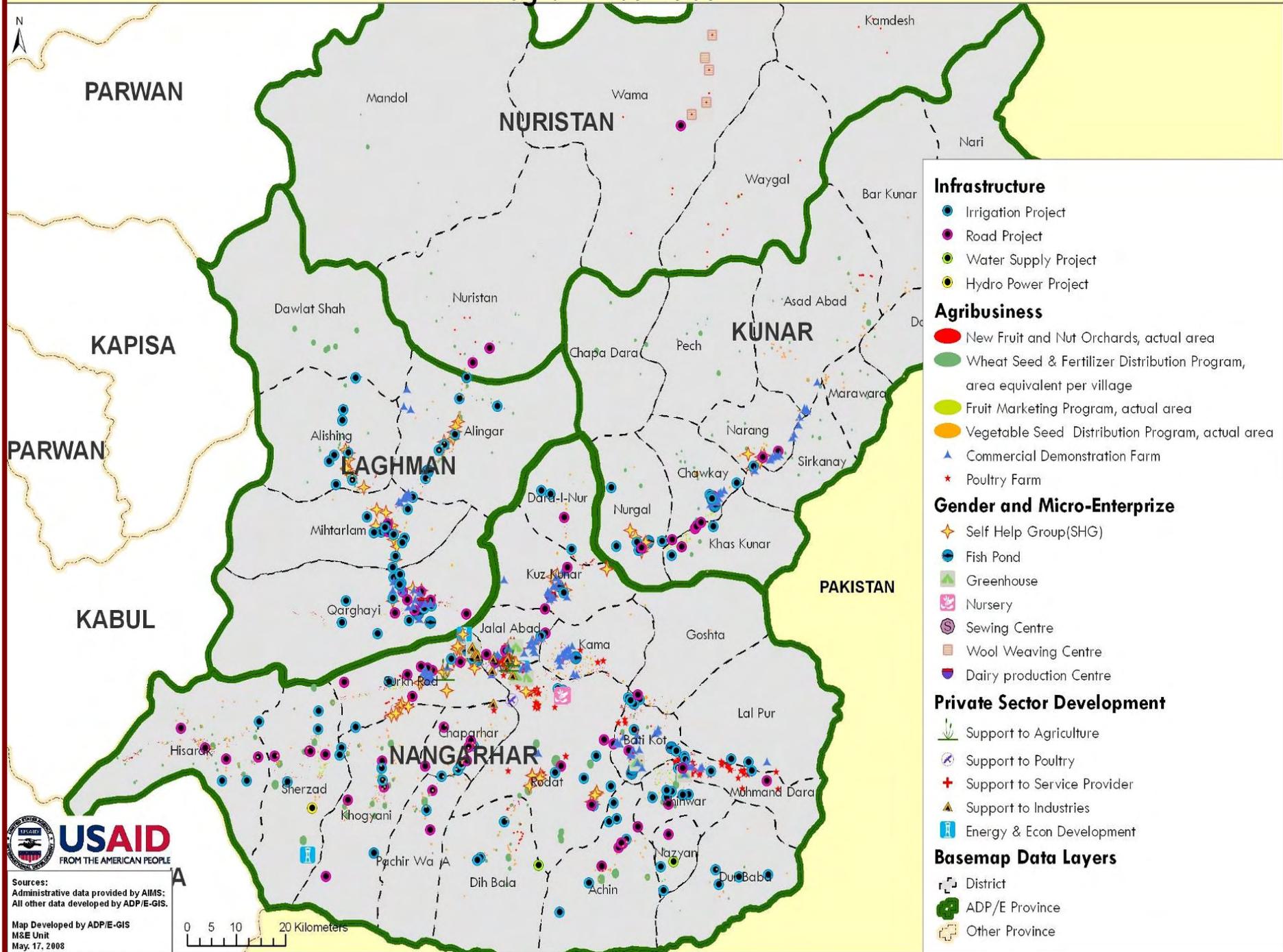
<sup>2</sup> The table shows aggregated figures of both ADP and AINP project

<sup>2</sup> This figure is a sum of "top number" of persons worked on all CFW projects

+This is an estimate based on percentage completed.

\*For accounting purposes, this period is April 16-31, 2008

# USAID Alternative Development Program - Eastern Region (ADP/E) Program Activities



## Infrastructure

- Irrigation Project
- Road Project
- Water Supply Project
- Hydro Power Project

## Agribusiness

- New Fruit and Nut Orchards, actual area
- Wheat Seed & Fertilizer Distribution Program, area equivalent per village
- Fruit Marketing Program, actual area
- Vegetable Seed Distribution Program, actual area
- Commercial Demonstration Farm
- Poultry Farm

## Gender and Micro-Enterprise

- Self Help Group (SHG)
- Fish Pond
- Greenhouse
- Nursery
- Sewing Centre
- Wool Weaving Centre
- Dairy production Centre

## Private Sector Development

- Support to Agriculture
- Support to Poultry
- Support to Service Provider
- Support to Industries
- Energy & Econ Development

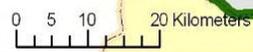
## Basemap Data Layers

- District
- ADP/E Province
- Other Province



Sources:  
Administrative data provided by AIMS:  
All other data developed by ADP/E-GIS.

Map Developed by ADP/E-GIS  
M&E Unit  
May, 17, 2008



## IV. PROJECT CONTACT INFORMATION

### ADP/E CONTACT INFORMATION

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