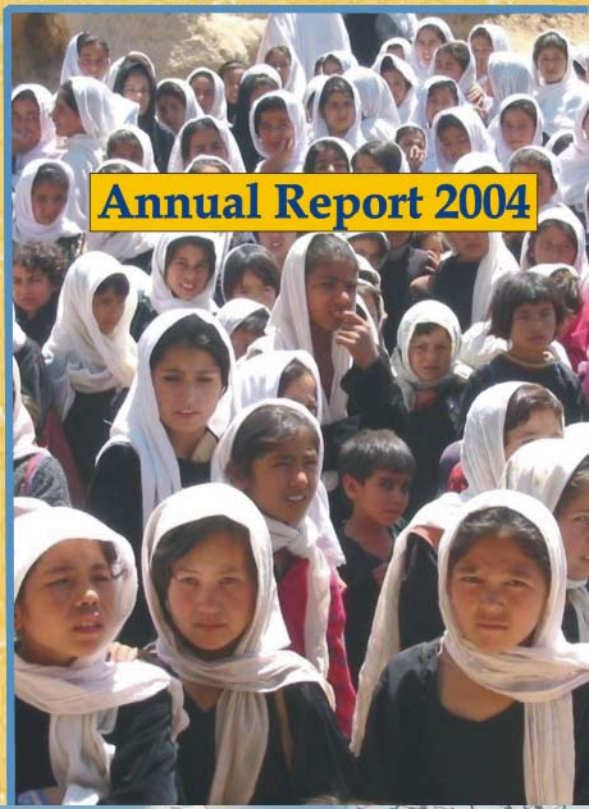
Annual Report 2004



JDA ...equipping the nations



Joint Development Associates International

Uzbekistan

Muynak
Nukus
Tashkent
Kokand
Shakhrisabz
Karnop
Termez



Program Location



Northern Afghanistan

Mazar-i-Sharif

Provinces:
Balkh
Shebergan

On the cover: Northern Afghanistan, Sultan Abrahim school dedication.
Afghan girls greeting in new uniforms provided by JDA

Message From the Founder/CEO

Changes which began in 2003 and continued through the year 2004 were a great challenge and ultimately good for our staff. We realized the way in which we work cannot always be the same year in and year out. Working with people, communities and nations will never be a static operation. As we motivate people and communities to develop and change, so we must be ready to make changes as an organization in order to continue to be effective and relevant in our work.

In an atmosphere of ever increasing government control and bureaucracy, we had to adjust our approach to our staffing and funding in 2004. New laws and tax decrees aimed at non-governmental organizations thwarted our ability to carry out some of our programs and even resulted in the loss of project equipment.

JDA, like the people and the communities it serves, sees change as being good. Change keeps us on our toes, ensuring that we are never so entrenched in the past that we fail to keep our eyes open for new and creative ways to carry out our mission. Changes in funding requirements from our partner organizations and the decreased value of our funds due to currency devaluation have necessitated additional fundraising. I will spend most of 2005 in the USA, raising awareness of the need for a continued presence of development organizations in Uzbekistan and Afghanistan. We love the people and communities we serve and know our work is not finished.

Agriculture is JDA's newest area of community involvement in Afghanistan. After two years of preliminary research and proposal writing, a partnership was formed with Aga Khan Foundation, Cornell University, World Council of Credit Unions, and International Maize and Wheat Improvement Center (CIMMYT) Afghanistan, with JDA as the lead organization. The British Department for International Development (DFID) has funded two years of research into alternative livelihoods. The research is focused on growing oil crops that will, over time, replace the dependence Afghan families have on growing opium poppy. We look forward to 2005, as we embrace the challenges of change and welcome the opportunity to creatively meet them.

Thank you so much for standing with us throughout this year, and I encourage you to continue to support JDA, contributing to the welfare of those we serve in Uzbekistan and Afghanistan.



Robert C. Hedlund
Founder/CEO



WATER DEVELOPMENT

AQUAPONICS

JDA's aquaponics project aims to come alongside local entrepreneurs and be a catalyst for businesses in the ecologically and economically devastated Karakalpakstan region (an autonomous republic within the territory of Uzbekistan). Aquaponics uses local resources in an ecologically sound way to produce goods for local markets and export. The products will be fish and vegetables providing villagers with a year round source of income.

Aquaponics is the combining of aquaculture and hydroponics for mutual benefit. Through normal metabolic processes, the fish in the system excrete nutrient-rich waste and carbon dioxide into the water on which the plants flourish. As the plants utilize the nutrients and carbon dioxide, they purify the water for recirculation back to the fish. This allows relatively small amounts of water to be used extensively and efficiently.

Our pilot project is currently operating in Nukus, the capital of Karakalpakstan. It has demonstrated the feasibility of aquaponics technology using locally obtained materials. JDA will next introduce the technology to communities in the rural Takhtakupir region of Karakalpakstan (northeast of Nukus) where the unemployment rate is estimated to be 70%. This is a result of the loss of fishing related industries due to the shrinking of the Aral Sea and consequential high salinity content which killed most of the fish.

The main resource in the Takhtakupir region is an artesian aquifer that has already been tapped at great expense by the former government of the USSR. In this region, hundreds of wells were drilled into this aquifer and left flowing by natural pressure. Most of them have been abandoned and are no longer being maintained. The water is wasted as it flows unchecked to the surface, creating local swamps and unfavorably altering the soil and shallow groundwater chemistry. The wells all provide warm water at various temperatures, and are currently only being used by villagers for clothes washing and bathing. JDA has already received permission from the local government to help these communities utilize the wells for agricultural production.





Phase I was a small, 100 fish (400 liter), demonstration aquaponics system in a south facing room with a large window to let in sunlight. All materials for the system were acquired in Uzbekistan. The technology was effectively demonstrated in this phase.

Phase II is underway and consists of two small-scale greenhouses housing aquaponics systems plus an attached room with intensive fish farming tanks. One greenhouse is being constructed in Nukus and one will be constructed in the Takhtakupir region at the site of a warm, artesian well. Here again, local materials will be used to demonstrate that such systems can be replicated for income generating businesses among the rural population.

SODIS

The SODIS project (Solar disinfection of water) targeted communities in the Ferghana Valley and Karakalpakstan, two of the most fertile areas of Central Asia.

Water is a critical element in the lives of families living in the rural areas of Central Asia. Often they have no access to clean drinking water. Many rural water supply distribution systems are in poor condition and some need to be completely replaced due to a severe shortage of funds in the fourteen years since independence. Families use ponds for washing and drinking; they carry water directly from rivers and canals or use stand pipes or shallow wells. Boiling water for drinking has been extensively taught but the people still drink untreated water straight from the source, thus endangering their health.

JDA and the Ministry of Health of Uzbekistan signed an agreement in May 2004, outlining a plan for wide dissemination of training and information about SODIS in five provinces including Karakalpakstan. SODIS training began in the fall, in preparation for program expansion in 2005.

The Karakalpak people have lived in the Aral Sea basin for centuries and were mainly fishermen, farmers and herders. The ecological disaster caused by the falling water level of the Aral Sea has severely affected the people. They have suffered from a change in the regional climate, rising salt content in their drinking water, and fast desertification of farming land.



AGRICULTURE

Opium poppy is grown by many Afghan farmers simply because it is the only viable source of income for their families. Alleviating poverty; giving access to credit ("salaam system") and land; a guaranteed market; poppy's multifunctional role in cropping systems; and the many alternate uses of poppies (fuel, oil, soap) all contribute to its cultivation. Typically, the rich benefit greatly from opium poppy. For poor families, it is often the only viable means of survival particularly as it is the only source of credit.

JDA experimented with a variety of soybeans with the help of Afghan farmers and in cooperation with the Balkh Department of Agriculture in 2003. On-farm trials continued through 2004 with the expertise provided through a Farmer to Farmer program, sponsored by Winrock International. Initial results of variety trials show oilseed crops will grow successfully in Afghanistan. Farmers in this region want alternatives and it is critical for their future as the government increases eradication and world opinion applies more pressure against the crop.

JDA is a part of a group of concerned organizations dedicated to providing alternatives to poppy production. JDA's on-farm trials resulted in the award of a two-year grant to continue looking for alternatives to poppy production. The study will be jointly carried out with Aga Khan Foundation (AKF), Cornell University, International Maize and Wheat Improvement (CIMMYT) and Balkh Saving and Credit Union (BSCU). In 2005, JDA staff will continue to work with local farmers and experts on finding crops that can be grown within their wheat-based system. Production efficiency, profitability and utilizing conservation agriculture will be priorities.

JDA is working to develop a sustainable system efficiently using natural resources with minimal impact on the environment. Conservation agriculture practices can improve irrigation efficiency by 30-40%, improve soil fertility and make other crops more productive through synergistic crop rotations.



JDA staff, together with visiting soy specialist Walter Barrett (Winrock) and local Afghan farmers at a soybean workshop in September, 2004.

COMMUNITY HEALTH



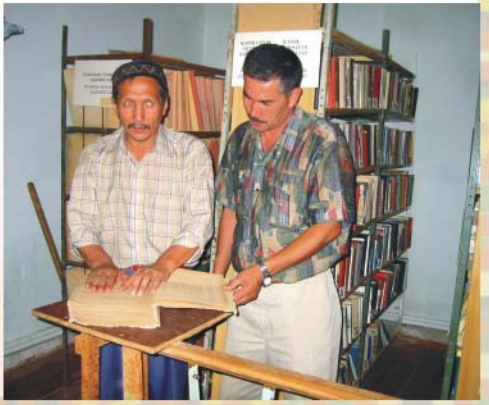
Five neighborhoods within the city of Nukus in Karakalpakstan were chosen for a JDA community health program. These communities are densely populated; most families are poverty stricken and are living with poor sanitary conditions. Physical handicaps, disease, women as the head of the household and unemployed youth are typical. Despite secondary education, especially among the women, there are not enough jobs available.

Volunteers were chosen and enrolled in four months of training to help the people of their neighborhoods solve the vital problems of their communities. More than 60 different topics are taught, and designed to address a variety of conditions: social, physical, spiritual, and cultural.

Our staff monitors the progress in each community and continues to advise the volunteers. JDA has seen a significant change within these neighborhoods. As the people have begun to understand that they can affect their world, the everyday scenes of their lives have noticeably changed in a very practical way.

"I really want to thank the staff of JDA for their attention to blind people of Karakalpakstan. Our Blind Society gave us jobs and organized teaching classes during the Soviet times, but now we receive very little support from the government".

Blind Society Staff Member



HUMANITARIAN AID



Wheelchair Distribution of JDA Shahrisabz

"I have been trying to get one wheelchair for the past 20 years for the disabled people in my jurisdiction and thanks to JDA my people have received 7 wheelchairs in one week".

Wheelchair Recipient

In the small town of Shahrisabz and the surrounding districts of one of the poorer regions of Uzbekistan, JDA brought relief to the disabled and their families in cooperation with the Mobility Project of the United States. This group gathers donated wheel chair and refurbishes them "like new". Mobility specialists then come overseas to individually fit the disabled for their own specialized chairs. They brought wheelchairs worth approximately $100,000 and other medical equipment. US AID/Counterpart International paid for the shipping of the 40 ft. container.

In Shakhrisabz, the JDA staff had the difficult task of finding the neediest of the disabled. Cultural shame keeps the disabled hidden in homes and out of the sight of the public. Families are reluctant to speak about their disabled family members. With the help of a local organization, the neediest-the truly destitute and disabled-were identified, JDA staff then was able to bring them to the distribution site.

In the first week of October, JDA distributed 155 wheelchairs, as both children and adults were fitted in specialized chairs. For most of them, this was the first time they were able to move without assistance.



INFRASTRUCTURE



The Sultan Abrahim School was finished and dedicated in May. It was built to serve 10 villages in northern Afghanistan providing education for both boys and girls. It was built by the members of the communities with JDA Afghanistan staff overseeing material purchase, delivery, logistics and construction.

The school has 13 rooms including teachers' and administration rooms. The total cost of the school was $86,000 including all furniture for students and teachers. It was designed and structurally built for two floors, in anticipation of future funding to allow for a second floor.

The dedication was attended by more than 1500 people. They came by foot, bicycle and motorcycle from as far away as 10 kilometers. There were speeches, a ribbon cutting and a celebration dinner. The community outdid themselves in donating food to provide a meal for everyone.

We have been working in over 200 villages and the main question we are asked is, "Will you help us build a school for our children?".

JDA Afghanistan staff



POVERTY ALLEVIATION

"Without JDA's credit program, their training and trust in me, I would not be able to use my skills and talents to help my family. Now there is a great demand for my work."

Micro Credit Recipient



JDA's poverty alleviation program continued to grow in Karnop, Muynak and Nukus. Karnop's micro credit fund membership grew to 240 clients and continues to increase. Muynak has 63 clients and the combined gross portfolio volume of revolving funds in both programs is $40,000. Our staff in Nukus introduced a livelihood program that provides funds specifically for animal businesses for the very poor. Currently eight families have used this for raising goats, sheep and cows.

The people who qualify for micro credit must meet criteria set by the program.



The indicators JDA uses to assess the level of poverty and need are: the lack of any large livestock (no more than 2 cattle or 8 goats or sheep; no vehicle; no access to watered agricultural land (other than their home garden); and no expensive electrical appliances. JDA looks to see if a woman is the head of household and if a handicapped person is in the household.

We know from experience that the poorest people in the community are timid about starting a new business. Therefore, JDA looks for entrepreneurs with good ideas for starting new businesses or someone who already has a small business, but needs additional capital.

Independent management continues to be the biggest obstacle to full national sustainability and the national staff operating these programs in their villages continue to be trained. Project planning, analysis, budgets, handling delinquency, paper accounting systems and evaluating program performance are weaknesses JDA will address in the coming year.

JDA's poultry program, Yangi Hayot Agro (New Life Agro) was divested during the third quarter. It is now run completely as a separate private enterprise.

TRANSFORMATIONAL DEVELOPMENT



JDA staff received Tearfund-financed training in Human Resource Management from Suyug Bulagi, a local Kyrgyz non-governmental organization. All of JDA's managing and administrative staff were gathered from different regional offices to learn management skills. Ongoing staff training serves to increase our effectiveness as agents for development.

The creative capacity of each person is at the heart of the transformational development process. JDA helps catalyze transformational development by investing in individuals to help them realize their unique creative potential in solving their own problems, transforming their own lives as well as their families and communities. Societies that are most successful in helping its people realize their creative potential is the society that will flourish.



JDA believes in catalyzing transformation. As we work in the developing rural areas of Uzbekistan and Afghanistan, we strive to come alongside the people. We help them to see the opportunities, capacity and abilities they already have to transform themselves and their communities in a lasting way.

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FINANCIAL STATEMENT

Joint Development Associates International
Consolidated Financial Statement [1]
For Calendar Year Ending December 31, 2004
(All figures in U.S. Dollars)

SUPPORT AND REVENUE	
OPERATIONS REVENUE	
Cash contributions	230,990
Contributed services [2]	337,302
In-kind donations	107,000
Fee revenue	46,192
Interest income (MC)	18,086
Sales and other revenue	6,641
TOTAL SUPPORT & REVENUE	**746,211**

EXPENSES	
PROGRAM SERVICES	
Humanitarian Aid [3]	
Cash operating expenses	80,360
Staff salaries and benefits	71,130
Distributed aid	100,000
Total Humanitarian Aid	**251,490**
Water Development	
Cash operating expenses	31,935
Staff salaries and benefits	100,982
Total Water Development	**132,916**
Poverty Alleviation	
Cash operating expenses	31,252
Staff salaries and benefits	111,221
Total Poverty Alleviation	**142,473**
TOTAL PROGRAM SERVICES	**526,879**
SUPPORTING SERVICES	
General and Administrative	
Cash operating expenses	110,036
Staff salaries and benefits	114,577
Fundraising	
Cash operating expenses	5,110
Staff salaries and benefits	18,720
Program Development	
Cash operating expenses	10,384
Staff salaries and benefits	38,902
TOTAL SUPPORTING SERVICES	**297,729**
TOTAL EXPENSES	**824,608**

Notes:

1. Combined entities include:
JDA International Inc. (US)
JDA International Ltd. (UK)
JDA International (Afghanistan)
JDA International (Uzbekistan)

2. Contributed Services
Support revenue raised by volunteer staff to contribute to their work with JDA.

3. Humanitarian Aid includes:
Agriculture
Community Health
Infrastructure

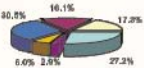
SUPPORT AND REVENUE	
Cash contributions	31.0%
Contributed services	45.2%
Other revenue	9.5%

EXPENSES	
Humanitarian Aid	30.5%
Water Development	16.1%
Poverty Alleviation	17.3%
General and Administrative	27.2%
Fundraising	2.9%
Program Development	6.0%

Support and Revenue



Expenses





PARTNERING ORGANIZATIONS

Agha Khan Foundation (AKF)
British Embassy (Uzbekistan)
British-Uzbek Society
Center for Political Studies (Uzbekistan)
Central Asian Micro Finance Alliance (CAMFA)
Cornell University
Counterpart International
Food for the Hungry International(FHI)
Habitat for Humanity International (HFHI)
International Center for Agricultural Research in the Dry Areas (ICARDA)
International Maize and Wheat Improvement Center (CIMMYT)
International Organization for Migration (IOM)
MASHAV Central Asia
Mobility Project
Norwegian Lutheran Mission (NLM)
SOLAQUA Foundation
Swiss Embassy (Uzbekistan)
Swiss Federal Institute for Aquatic Science and Technology (Eawag)
Tearfund (UK)
UK Department for International Development (DFID)
Water and Sanitation in Developing Countries (SANDEC)
Winrock International
World Council of Credit Unions, Inc. (WOCCU)

JDA is extremely grateful for the many individuals who have supported our work with the poor and needy of Central Asia. In addition, JDA acknowledges the donations and other contributions from organizations that have partnered with us making it possible to carry on our work. The following organizations have provided substantial monetary grants, gifts-in-kind and training support.

DONORS

INDIVIDUAL

Individual donor names removed for privacy.

ORGANIZATIONS

Absolute Manufacturing, Inc.
Bethel Grove Bible Church
Calvary Church
Canyon View Vineyard Church
Carriage House Café
Covenant Mortgage Group
Eastern Hills Bible Church
Faith Bible Chapel
Gates Foundation
Masterworks of Minneapolis
Mountain High Christian Center
Mt. Zion Ministries Church
Northside Christian Church
University Baptist Church
Valley Church
Vineyard Christian Church
William Leech Charity

VISION

Joint Development Associates provides integral community development, education, health services, and humanitarian aid that result in equipping the nations for transformation.



[redacted], Program Manager in Afghanistan.

MISSION

JDA will assist in the transformational development of Central Asia through constructive interaction with individuals, groups, governments, and other organizations to promote and facilitate education and economic development, social well-being, physical and spiritual health, a just society and restoration of ecological systems.

Joint Development Associates International

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Development and Humanitarian Aid for Equipping the Nations

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