

Creating Agents of **CHANGE**



Joint Development Associates International
Annual Report 2016



Table of Contents

Our Mission.....	3
Message from the President.....	4
Our Team.....	5
Project Locations.....	6
RADP-North Program Update.....	7
Water Development.....	9
Clean Water for Karnai Sai.....	10
Community Health.....	12
Partnerships for Healthy Schools..	13
Their Stories.....	16
Working Towards Sustainability..	19
Statement of Finances.....	20
Board of Directors.....	21
Contact Us.....	22



Our Mission

Help and encourage communities of Afghanistan take charge of their own future and make necessary changes towards improving their health and quality of life through education and access to clean water.

Message from the President

Thank you for your support over the past year. All of the work and beautiful stories you see reflected in the pages that follow were made possible by people like you and partnerships. Most of our projects' beneficiaries are men, women and children in rural villages who are the most vulnerable part Afghan society.

Insecurity and lack of job opportunities have overshadowed parts of Afghanistan. Yet, communities where JDA's projects are in progress remain optimistic about life. Our activities and regular presence of JDA staff, creates hope and a public interest among communities. In agriculture, the various activities implemented through the Regional Agriculture Development Program are having a positive turnout and as a result there is increased agriculture yields and productivity.

In community health, we see the positive long term changes including: increased awareness about personal and environmental hygiene, reduction in diarrheal diseases, better maintenance and durability of wells, reduced walking distances between water points and increased awareness about mother-child mortality.

JDA has been working in Central Asia for the past 25 years with the vision of seeing individuals believe in their potential and be change agents of their own lives and their communities. We are pleased to announce we are expanding our vision to Iraqi Kurdistan with the opening of a new office. The new operations will help expand the excellent work JDA has been doing in agriculture, water development and community health.



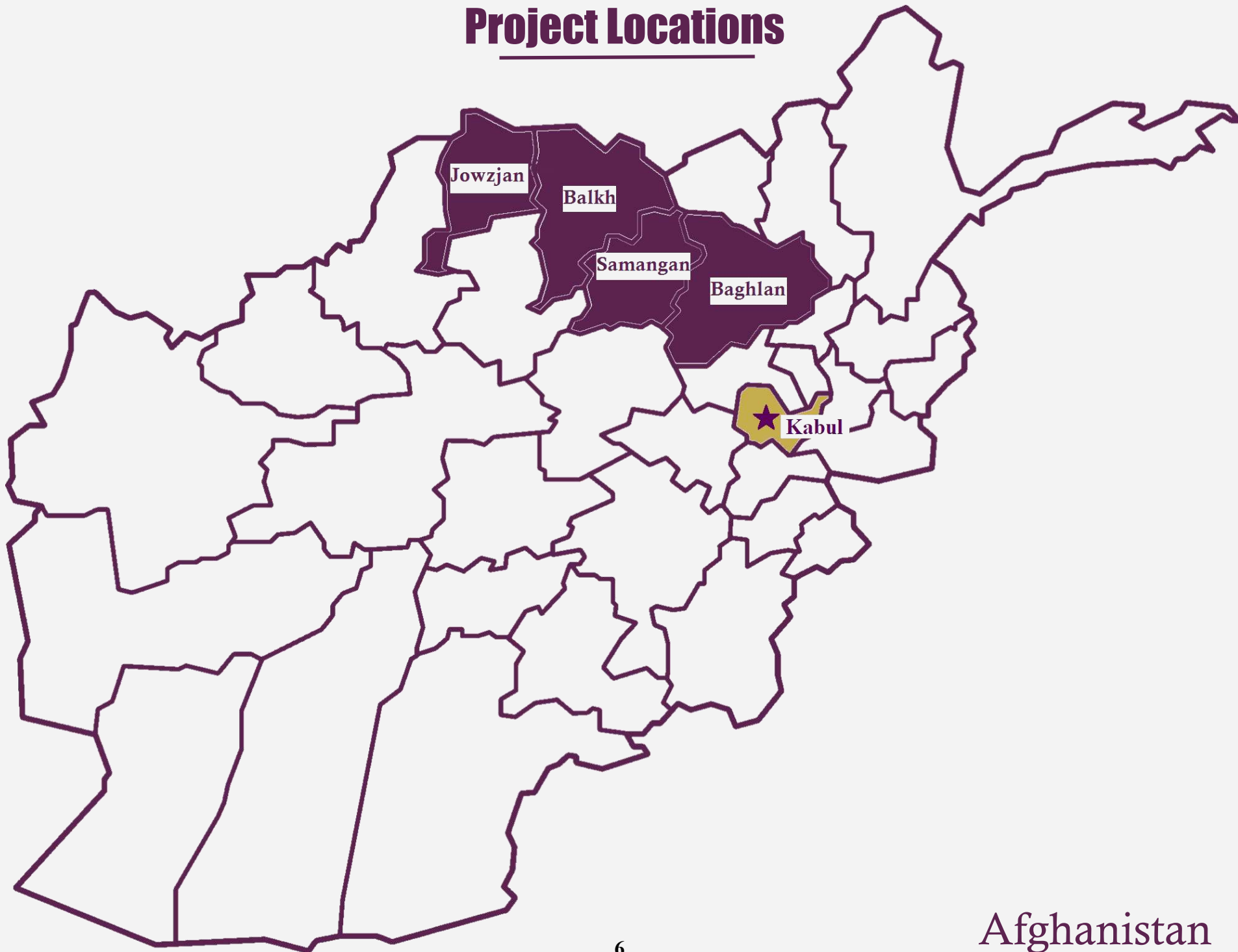
Sincerely,
Robert C. Hedlund
CEO/President



Our Team

Our team is composed by local Afghan staff who share JDA's passion and determination for helping the people of Afghanistan and working for the future of their own country.

Project Locations



Regional Agriculture Development Program (RADP-North)

RADP-North is a sustainable agriculture program that focuses on economic sustainability in northern Afghanistan. The program strengthens farmer's knowledge and skills concerning improved wheat, high value crops, and livestock production techniques. These activities enable farmers to better market their products and generate more income for their families.

In 2016, JDA trained:

369 farmers on Conservation Agriculture

3,250 women on Hygiene & Nutrition

3,608 women on gardening

Reaped **5,704** hectares of wheat for **2,665** farmers

15,000 wheat farmers on weed control

Seed Business Development: This year's activities expanded the marketing of seed beyond mobile marketing to include the establishment of seven temporary sales outlets. These shops enable farmers in the Seed Business Development activity to purchase certified seed. The mobile seeds marketing and temporary shops resulted in sales of 4,577 (seven kilogram) bags of seed to 854 farmers. In addition, the seed companies worked with 3,402 farmers over the period of eight months, conducting a participatory varietal selections exercise on available wheat varieties in the farmers' own environments.

Weed Control: In the third year of implementation, 15,000 farmers participated in Weed Control training. Through continuous engagement with the private sector agricultural supply chain, backpack sprayers are now in the wholesale market.

Laser Land Leveling: Laser Land Leveling technology was introduced to 4,268 farmers. Farmers report larger yield and much less time and money spent on irrigation.

Conservation Agriculture: Trainee farmers want to engage with mechanization, improved seed selection, and land leveling which are taught in the context of Conservation Agriculture and supported by other RADP-N activities. JDA trained 369 farmers in Conservation Agriculture.

Contract Harvesting: Over the past **two** years, RADP-N has helped rehabilitate and mobilize 204 harvester units through the services of 19 mechanic shops. In addition, 5,704 hectares of wheat were reaped for 2,665 farmers.

Kitchen Gardening: 3,608 women have received proper training in kitchen gardening, with over 90% of them establishing their own gardens. The establishment of their own gardens has had a broader impact than simply access to fresh vegetables. Women claim their mental health has improved because working on their yards and seeing the results gives them joy.

Hygiene & Nutrition: A total of 3,250 women participated in a hygiene and nutrition curriculum over five weeks.



Water Development

In 2016, JDA reached 13,522 people with clean water through the drilling of eleven borehole wells. One well was drilled for Zabidullah Girl's High School and another for a Literacy Department in Balkh Province.

Training in hand pump repair and maintenance was given to 33 people in six villages, three schools and two government institutions. This will allow for longer sustainability of the wells.

Drilling activities began with assessment of the villages to determine current water sources and hygiene problems. After assessments, well locations were selected. JDA's surveys reflected the low number of villages with access to a sustainable source of drinking water. Each village had zero to one average well per every 1,000 inhabitants. Irrigation canals and water streams were their only sources of water.

**Clean water can mean the difference
between health and sickness or life and death.**





Group of men in Karnai Sai village receiving demonstration on proper use of water filters before distribution.



WASH team collecting beneficiary signature for proper documentation.

Clean Water for Karnai Sai Project

Every day, children of Karnai Sai village, Sholgar district travel as much as 20 kilometers to the nearest irrigation canal to bring water to their homes. The water they rely upon contains bacteria and viruses that often makes them ill. JDA initiated the drilling of a well in Karnai Sai, but was unsuccessful in obtaining water even as they drilled down to 84 meters. Drilling deeper was not possible due to the village's lack of electricity needed for an electric submersible pump.

As an alternative, JDA's WASH team distributed Sawyer water filters to each of the families in need. These filters will remove any harmful bacteria, protozoa, E. coli, Giardia, cholera and Salmonella Typhoid present in the water. Distribution of Sawyer filters took place on October 29, 2016. Osiyo Hamkorlik participated in the distribution along with JDA's WASH team. District Police escorted our distribution team out to the village where the men from each family waited patiently. For security purposes, three different sites were selected for distribution.

The men were taught how to properly use, clean and maintain the filter. A total of 183 filters were provided including two for the village clinic and one for the district center.

More than **13,500** people are now enjoying
better access to **Clean water**
through wells.



Community Health

Clean water, good hygiene and sanitation go hand in hand. For this reason, JDA trainers also teach about the importance of hygiene for better health. Through JDA's WASH program, women become agents of change, promoters, educators and leaders of their communities in good hygiene and sanitation practices. They want to see happy and healthy children and know that this is possible by making proper changes in their daily lives.

Some of the women who completed hygiene and sanitation lessons also attended Birth Life Saving Skills lessons. Women go through a 17-lesson program which covers material on maternal and child health, healthy choices in pregnancy, warning signs during pregnancy and birth and the immediate care of the newborn. First aid is also an important element that is included in the lessons.



1,206 Women received hygiene & sanitation training

586 Men received hygiene & sanitation training

306 Women completed eight-weeks of BLiSS training



Student participants from Farida Balkhi Girls' School
in Balkh Province, Afghanistan.

Partnerships for Healthy Schools

Germs spread quickly in cramped spaces where hand washing facilities or soap are not available. Too often, schools are places where children become ill. JDA teamed up with Palisade Rotary Club of Palisade, Colorado to bring hand washing and proper hygiene awareness to more than 1,000 students in Farida Balkhi High School and repair their broken well. In order to promote handwashing and improve safe hygiene practices, a sink and hand washing facility were also installed. JDA is not only encouraging children to practice better hygiene, but to become agents of change for improving water, sanitation and hygiene practices within their homes and communities.



Hand washing is the most easy, effective and affordable way to prevent diseases. To promote safe hygiene practices, JDA installed a sink with 144 liters capacity as a hand washing facility. A water station is also fitted with 6 Sawyer, 0.1 micron filters to give students access to clean drinking water.



**Healthy schools.
Healthy children.**

1,413 Students

were part of the WASH in Schools Program which creates awareness about the spread of germs among kids in schools and the importance of good hygiene. All this information is shared through an entertaining performance by puppets. The puppet shows were held for students of Farida Balkhi High School, Charsang Primary School and Zabihullah Girls School in Balkh province.

Abdullah

RADP-N Harvesting Participant

Before RADP-N intervention, farmers did not know how to set up, adjust and maintain two-wheel tractor reapers. Because of this, they were not able to use them and were forced to hire manual harvesters, costing them more time and money.

“The RADP-North program is very important to me because of the positive changes it has brought to my farming system and income. After having a two-wheel tractor for 6 years, I am now receiving the advantages of a two wheel tractor. This year I have reaped 4 hectares of wheat for other farmers and my own. I am happy that I can make a better income and proud of all the things I learned through the program. “



Salima

Kitchen Gardening Participant

“When Kitchen Gardening training began in our village, I immediately decided to participate in all the training sessions. I now have a small garden in my home where I planted 9 different seeds I was given in the training. The vegetables I harvest, I serve to my family and now my children have better nutrition.”



Sayed Ghulam

Seed Business Development Participant

“I learned about certified seed’s role in increasing yield, the names of improved varieties and the improved agronomic practices of wheat production. I am going to replace my seeds with improved varieties and apply what I have learned to my farming. I am sure I will harvest more yield than the past year.”

Samira

Hygiene and Sanitation Participant

“Since attending hygiene lessons, I have learned some great information. Not only myself but all the participants are happy with these lessons.

I never gave much attention to my dirty hands. After the lessons, I understood that dirty hands can cause diarrhea. I started washing my hands with soap and water after using the toilet and before cooking and eating. I also covered the latrine hole to prevent transmission of microbes, and maintain a clean living environment. I also appreciated the information received about food groups and importance of good nutrition.”



Ajab Gul

Hygiene and Sanitation Participant

“I married at the age of 14. I had 17 children but 13 fell ill and died. I never knew the reason for their illness. We don’t have a stable place to live at. Everywhere I have lived, there has only been unclean water available to us.

I never knew about microbes and good hygiene. After taking hygiene training, I have realized that I lost my children due to the microbes and untreated infections they would get by drinking water from the stream. I think that if I would have known this information before, I would not have lost my children. These lessons have changed my life. Four of my children remain alive. I will put to practice everything I have learned to keep my children healthy. I will give them clean water and keep them clean“



Baba Charyar Qul

Hygiene and Sanitation Participant

“My grandson would eat plenty of food but he never gained weight. There was white spots on his face but I didn’t know the cause of his sicknesses. When I participated in the hygiene course, I got information about infections and microbes and also learned the various symptoms of roundworm. When I went to home, I realized that my grandchild was having roundworm symptoms. I took him to the doctor and after using anti-worm pills, more than 100 worms were extracted from the stool. If I would not have participated in the hygiene training, I would not have known that my grandson was suffering from a roundworm infection. I know that the water we were using from an uncovered well is unclean and can cause an infection. Thank you very much for the lessons.”

Karima

Birth Life Saving Skills Participant

“I was able to help my sister in law give birth to her baby. I dried him, covered his head with a hat, cleaned his mouth and nose with a separate gauze pad and put ointment in his eyes. I placed the baby in his mom’s arms to breastfeed. I told her about all the benefits of breast-feeding which I had learned from the BLiSS lessons. She was glad I was able to help her with birth and happy that I was sharing what I had learned with her. Thank you.”



Working Towards Sustainability



The hand pumps installed on the wells will often become inoperable over time or parts can break. Before leaving each village where we have drilled a well, JDA trains and equips men with the proper tools to repair and perform maintenance on the hand pumps. Our WASH team also returns to the village after a few months to see the progress.



JDA does not stop serving a community until 80% of the women have been trained in hygiene and sanitation. The women who receive the training will make the proper behavior changes needed to live healthier lives and also become leaders in hygiene & sanitation within their communities.



JDA installs hand washing sinks and water drinking stations for each school after a puppet show. This allows the students to practice hand washing and good hygiene and have immediate access to clean water.

Joint Development Associates International

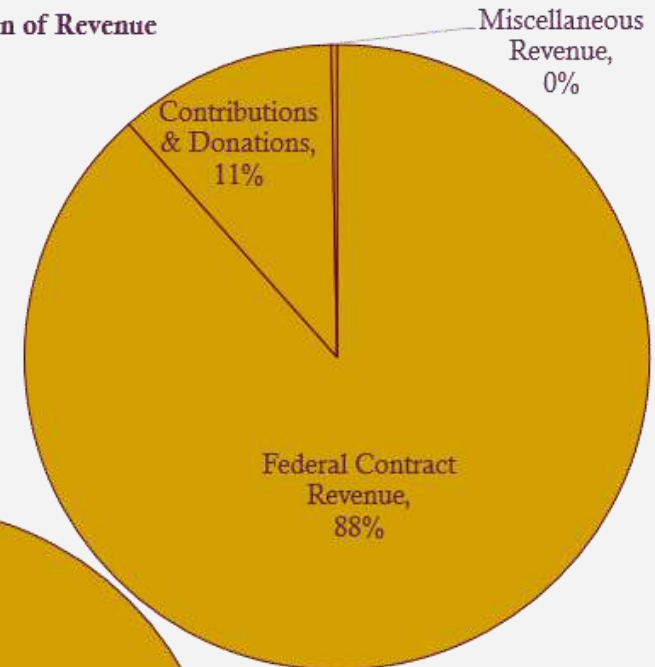
Statement of Finances

(per audited financial report)
For fiscal year ending December 31, 2016
 (all figures in US dollars)

Support & Revenue

Federal Contract	1,589,707
Private Donations	60,918
Miscellaneous	5,331
Total Support & Revenue	1,655,956

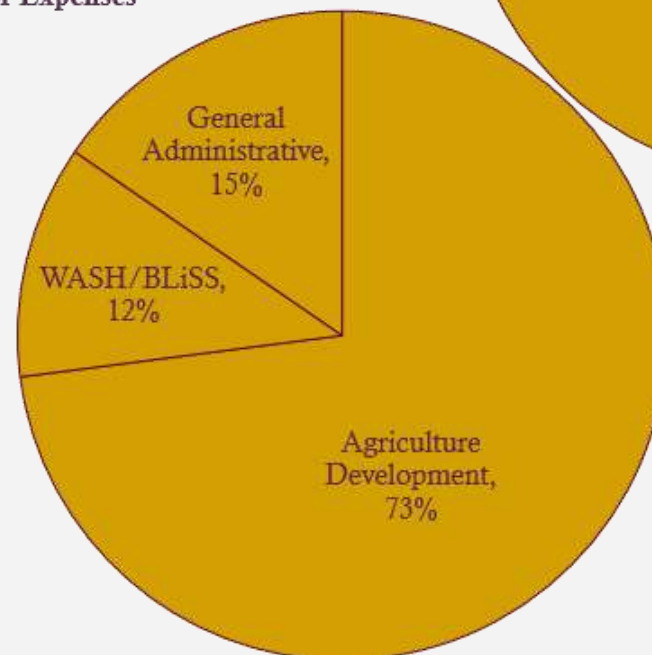
Breakdown of Revenue



Program Services Expenses

Agriculture Development	1,215,677
WASH/BLiSS	193,699
Other	5,444
Total Program Services	1,414,820

Breakdown of Expenses



Supporting Services

General & Administrative	256,861
Fundraising	3,889
Total Supporting Services	260,750

Total Expenses 1,675,570

Our Board of Directors



Robert Hedlund
Founder/CEO



Roger Olsen
Chairman



Les McPherson
Treasurer



Kenneth Urban
Secretary



William Lyman
Director



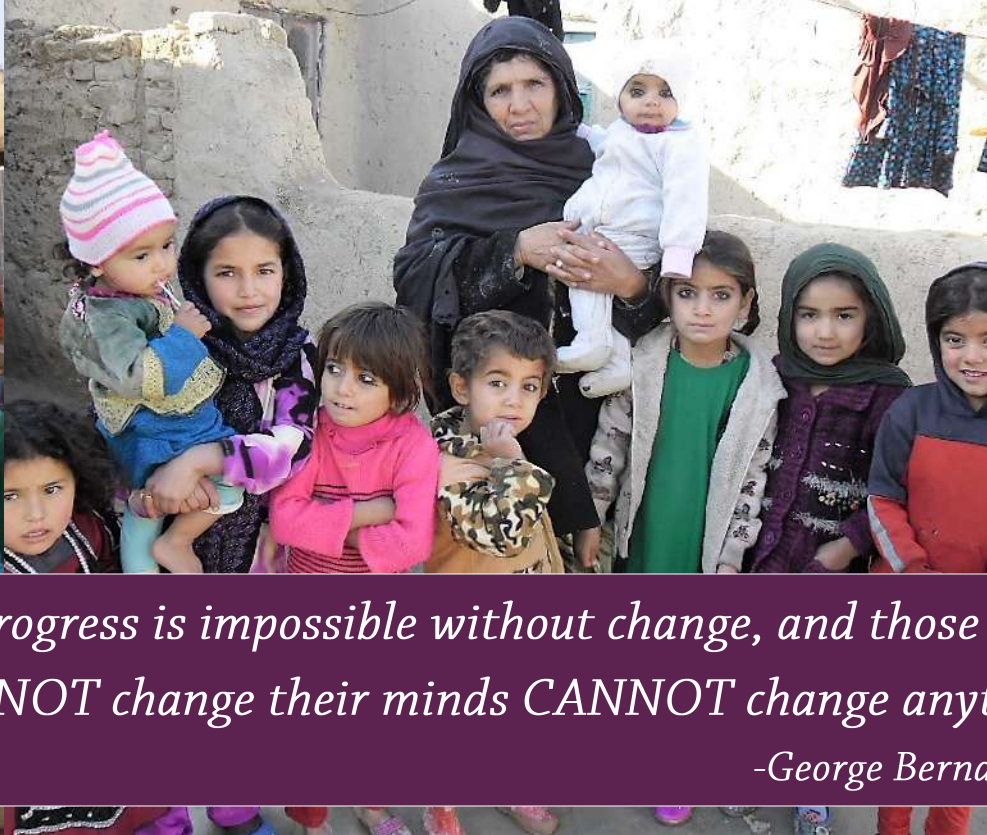
Jalyne Vanconett
Director



Craig Liukko
Director



Tim Steadman
Director



*“Progress is impossible without change, and those who
CANNOT change their minds CANNOT change anything.”*

-George Bernard Shaw

Contact Us

2695 Patterson Rd. Unit 2 #188

Grand Junction, CO 81506

T: (+1) 970-773-9720 Toll Free: (+1) 888-759-4071

Contact us for address in Afghanistan

T : +93 (0)700 506 035

T : +93 (0)799 868 759