

Public Association

«Central Asian Alliance for Water»

«An Integrated Approach to Sustainable
Health in the Ferghana Valley »



History

Project was initiated by international Secretariat for Water. Supply of safe water to 100,000 people, reduced water-borne diseases by 70%, provided micro-credit to more than 4,000 women, built more than 400 ecotoilets. Established a regional non-governmental organization called Central Asian Alliance for Water (CAAW) in 2001 with an aim to transfer skills and recognize it as a local partner.

Central Asian Alliance for Water Goal

- To secure sustainable water, hygiene and sanitation services for rural communities in the Ferghana Valley.

CAAW components

- Village Water Committee development
- Village Youth Parliament development
- Hygiene Sanitation promotion
- **Construction of ECOSAN toilets targeting village families**
- Micro-Credit targeting women in project villages

CAAW Mission

- Promotion the sustainable use of rural water resources and hygiene behavior changes.
- Implementation of ecotoilet concept as a sustainable sanitation hygiene on the household level.
- Introduction to the community the healthy behavior change.
- Establishment of the legally registered water Committees.
- Advocacy of the citizen's rights and responsibilities to safe water, hygiene and sanitation.

Geographic Area of Focus:

Currently CAAW is working in 14 villages in the Ferghana Valley region. Our project villages include:



SANITATION HYGIENE

Goal:

Prevention of the most spreading diseases transmitted by the water (Diarrhea, hepatitis, typhoid, etc) through using special Hygienic bases as an example: washing hands with soap, drinking boiled water

ECOSAN TOILETS

- CAAW introduce the concept of household ecological sanitation toilets to the Fergana Valley.
- Main advantages are: low construction cost, smell and fly free, easy maintenance, and use of urine as fertilizer. Prevention the fresh water from the pollution.

What is the cost of health?

The cost of construction 155 Euro in 2003 and over the course of three years, it has increased to 215 Euro (\$300) due to improvements in design and inflation in price of materials.

TOILETS BEFORE CONSTRUCTION



TOILETS AFTER CONSTRUCTION



ADDITIONAL ADVANTAGES OF ECOTOILETS

- Income of crop yield.
- Increase of income from sales on local markets.



THE RESULTS OF URINE USAGE IN THE FIELDS



URINE AND FAESCAS USAGE AT HOUSEHOLDS



- ***Anora, Yambarak Village, Uzbekistan***
- We've been able to utilize the urine solution to grow better harvest of strawberries. My strawberries are high in demand in my village as they are more juicy and delicious than the ones sold in the bazaars. It is amazing how such small thing as a new type of toilet can drastically change your life in so many spheres: health and sanitation, agriculture and overall cultural level of our population!

Improved design of ecotoilets

An eco-toilet in Kyrgyzstan with an improved design, which allows men to urinate while standing



CAAW Achievements:

- Over 50,000 people in 13 villages have daily access to safe drinking water and pay monthly charges for service delivery.
- 13 Water Committees operate and maintain autonomous and efficient water systems.
- Eradication of Typhoid and reduction of diarrhea and skin diseases by 50%.
- Over 317 ECOSAN toilets constructed based on cost sharing agreement with village families.
- 15 Youth Independent Republics implement environmental projects raising awareness of their communities by puppet theatre, debate tournaments and village competitions.
- Active involvement of youth and women as agent of behavior change (payment for water, sanitation hygiene)

CAAW Achievements:

- 50% of Water Committee members are women and 30% are presiding village Water Committees;
- More than 3000 women received micro-credit improving the welfare of their families and enabling them to pay monthly water fees;
- 28 trainers educated on sanitation and hygiene and on using the ecosantoilets;
- More than 2100 people use ecosantoilets properly.

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Thank you!