Improving Water and Sanitation in EECCA Region

The facilitating role of NGOs

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Content

➢ WECF

➢ Kyrgyzstan - International Solidarity

➢ Water and Sanitation Safety Plans

➢ Georgia – Reducing the contamination of the Black Sea by introducing sustainable wastewater and nutrient management in rural areas

➢ Strengthening NGO participation at International events
WECF a non-governmental not-for-profit organisation

- International Network: 150 Member organisations in 40 countries
- 5 Offices: France, the Netherlands, Germany, Switzerland, Georgia
Kyrgyzstan - Kyrgyz Alliance for Water and Sanitation

Regional Inequalities: Access to Running Water

Access to centralized water supply system

Population without access to CWSS
- 0% - 1%: good
- 1% - 2%: average
- 2% - 3%: poor

Towns
- 0 - 20000
- 20001 - 50000
- 50001 - 100000
- 100001 - 300000
- 300001 - 1000000

Map scale: 1:6 000 000
Regional Inequalities:  
24 hours Access to Running Water
Regional Inequalities:
Distance to Safe Water Source

Households with access to safe potable water sources at the distance over 500 metres

Households with access to safe potable water sources at the distance over 500 m
- 0-10%
- 10-15%
- 15-20%
- 20-25%

Map scale 1:6 000 000
Typical Situation in Rural Areas in KG

- deteriorated rural drinking water supply
- broken pumps
- unsafe water quality
- pit latrines
The Project: Safe Drinking Water for An-Oston

1 640 population
274 households
2014 - 2016 project period

The Village:
A Women’s Initiative

- group of women addressed the problems
- awareness raising and mobilisation
- support from KAWS and WECF
Community Drinking Water Users Union (CDWUU)

- user committee at village level
- democratically elected by all members
- responsible for operation and maintenance of the network
- financial management including participatory tariff setting
- collection of water fees
- ensure loan for staff
- ensure sustainability
Achievements

Access to Water

before

Public tapstands

2 hours per day

after

185 out of 193 households connected today

24 hours per day

Safe Water and Sustainable Sanitation for All
Achievements

Water Quality

before

Hepatitis A, diarrhoea, parasites
Not safe

after

Safe and controlled by CDWUU
Households benefitting
Example of WECF/KAWS Projects in Kyrgyzstan
Ecological Sanitation
Support of Water committees/CDWWUs

Safe Water and Sustainable Sanitation for All
Example of WECF/KAWS Projects in Kyrgyzstan
Water and Sanitation Safety Planning

Mobilising communities and education for a safe water management
The approach of Water and Sanitation Safety Plans

- WHO guidelines for drinking water quality 3rd edition are the basis of the development of Water Safety Plans
- And the International Water Association (IWA)

- WSSP can be used as a tool to involvement and mobilisation of civil society
- WSSP helps to more information and transparency in questions about drinking water and sanitation
- WSSP leads to a better understanding of profitability of drinking water systems
- WSSP can be used for educational work
- WSSP leads to a safe drinking water management
Part 1: How to accomplish WSSP (Water and Sanitation Safety Plan) and Instructions - (8 Modules)

Part 2: Background information for developing WSSP - (8 Modules)

Part 3: How to involve schools - (6 Modules)
Monitoring and risk assessment of the drinking water supply with the pupils
Georgia – RCDA, UNEP

Construction, operation and maintenance of Urine Diverting Dry
Construction of Grey water filters

GREYWATER TREATMENT IN SAND AND GRAVEL FILTERS

- stones (50 - 100 mm)
- coarse gravel (10 - 30 mm)
- evenly sized, washed gravel (6 - 10 mm)

Dimensions:
- wall height: 0.65 m
- foundation: 0.15 m
- inflow
- outflow
- water level: 0.5 m
- total length
- distribution zone 0.3 m
- effective filter
- drainage zone 0.3 m
Side event World Water Week Stockholm 2015

Gender sensitive indicators for sanitation and wastewater planning and implementation

Convenors:
WECF
UNEP
GIZ/SuSanA
BORDA
BORDA
UNESCO WWAP
AMCOW
GWA

http://programme.worldwaterweek.org/event/4824
http://siwi-mediahub.creo.tv/world-water-week/2015-water-for-development/gender_sensitive_indicators_in_sanitation_and_wastewater_planning_and_implementation
Thank you very much for your attention!