

Ecosan Experience in 3 project villages

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Objectives of the project

- ❑ Raising public awareness with regard to the hygienic and health risks associated with poor sanitation and drinking water supply
- ❑ Establishment of a sustainable, affordable and safe school sanitation
- ❑ Introduction of approaches of ecological sanitation and wastewater management
- ❑ Reduction of contamination of drainage water and groundwater with pathogens and nitrates from pit latrines

Project villages

Hayanist

- Hayanist is situated in a basin-shaped and swampy area with a high groundwater table
- 2440 inhabitants, 90% refugees

Fantan

- 1200 inhabitants

Dzoraghbyur

- 2500 inhabitants

AWHHE Activities

- ❑ Community mobilization through establishment of Women Committees
- ❑ Involvement of children in raising awareness campaign through innovative creative approaches (ecogames, exhibitions, created book)
- ❑ Raising awareness campaign (lectures, seminars, meetings etc.)

AWHHE Actions

- ❑ Parasitological investigation of schoolchildren's stool
- ❑ Treatment of infected children
- ❑ Designing and construction of a school ecotoilet

Sanitation in Hayanist

- ❑ Pit-latrines with a pit less than 1 meter in depth
- ❑ Grey and black water from toilets are disposed into the open drainage channels
- ❑ Usage of drainage water for irrigation
- ❑ High risk of soil and groundwater contamination

Secondary School

- ❑ 350 pupils and 26 staff
- ❑ A very bad condition of the school building
- ❑ Pit latrines location- corner of a school yard
- ❑ Close to a drainage channel

Hayanist School



Hayanist School Toilets





Training Course on Ecosan
in pilot village Hayanist, Armenia

Photo AWHHE

Hayanist ecosan toilet



Hayanist ecosan toilet



Secondary School in Fantan

173 pupils and 18 staff



Household toilets



Operation and Maintenance

- ❑ Education materials, leaflets and posters for the use and maintenance
- ❑ The caretaker daily inspections and cleaning of the toilets



Results

- A clean, safe and warm sanitation building
- Knowledge obtained by the children on the importance of hygiene and hand washing with soap
- The population awareness on the ecosan
- Women active involvement in ecological education of the schoolchildren

Lessons Learnt

- ❑ The establishment of ecological sanitation is especially reasonable in regions with no central WSS
- ❑ The good cooperation between the school staff and AWHHE
- ❑ Ecological education of the school children
- ❑ Acceptance of new toilet system by villagers

Lessons Learnt

- ❑ The pilot-project can serve as an example not only for other Armenian villages, but for many EECCA
- ❑ More active and financial support is needed to realize ecosan toilets for schools and households

Lessons Learnt

- ❑ The necessity of legislation on sanitation in particular sound sanitation
- ❑ Follow-up projects with more eco san toilets in schools and for households

Thank you for your attention!