



Wallisellen ACV and Katadyn Products Inc. support schools and hospitals in the FIMELA region (Senegal)

Safe Drinking Water for Children

Project – Phase I

Drinking water for children

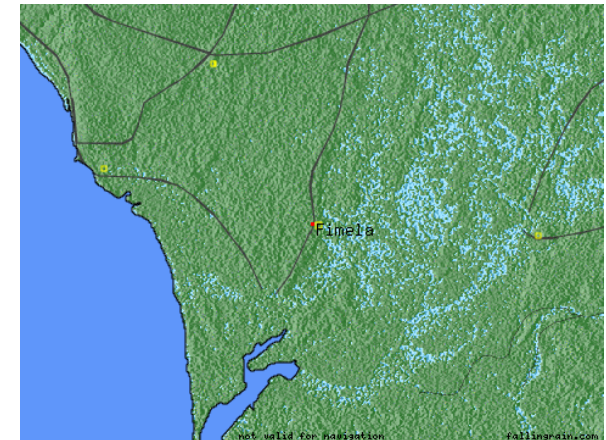
Country: Senegal

10 million inhabitants, of which more than 5 million have no access to clean drinking water

The focus for providing drinking water is on the overcrowded centres such as Dakar, Saint Louis, etc.

Location: FIMELA region, 145 km South of Dakar (Senegal)

Fimela, Faoye, Sing, Sakhor, Loul Sessène, Djilasse, Diofior, Yayeme



Project – Phase I

Drinking water for children

Project

Katadyn, the global Number One for individualised water purification systems and products, the city of Wallisellen and the Health Organisation ACV supported local schools and colleges in the FIMELA region.



Initial position

Since 2001, ACV has been trying to implement water filtration as the best solution. It has done so through direct contact with the local population.

It has been found that the level of education of the local population was the most important factor in whether conversion to water filtration could be made or whether the people continued to collect water with the „canary“ (water bucket). As a result, the ACV focused on the young population who were better educated. They informed them about the positive effects of water filtration and started using water filters in schools.

Project – Phase I

Drinking water for children

The aim

- Safe drinking water for the young population
- Bring knowledge into families via their children who have been educated at school
- Help women in caring for their families

Target groups of the project

- public premises
- hospitals
- students of the FIMELA Regional Colleges (3'800 students)
- Women (especially those with small children)



Project – Phase I

Drinking water for children

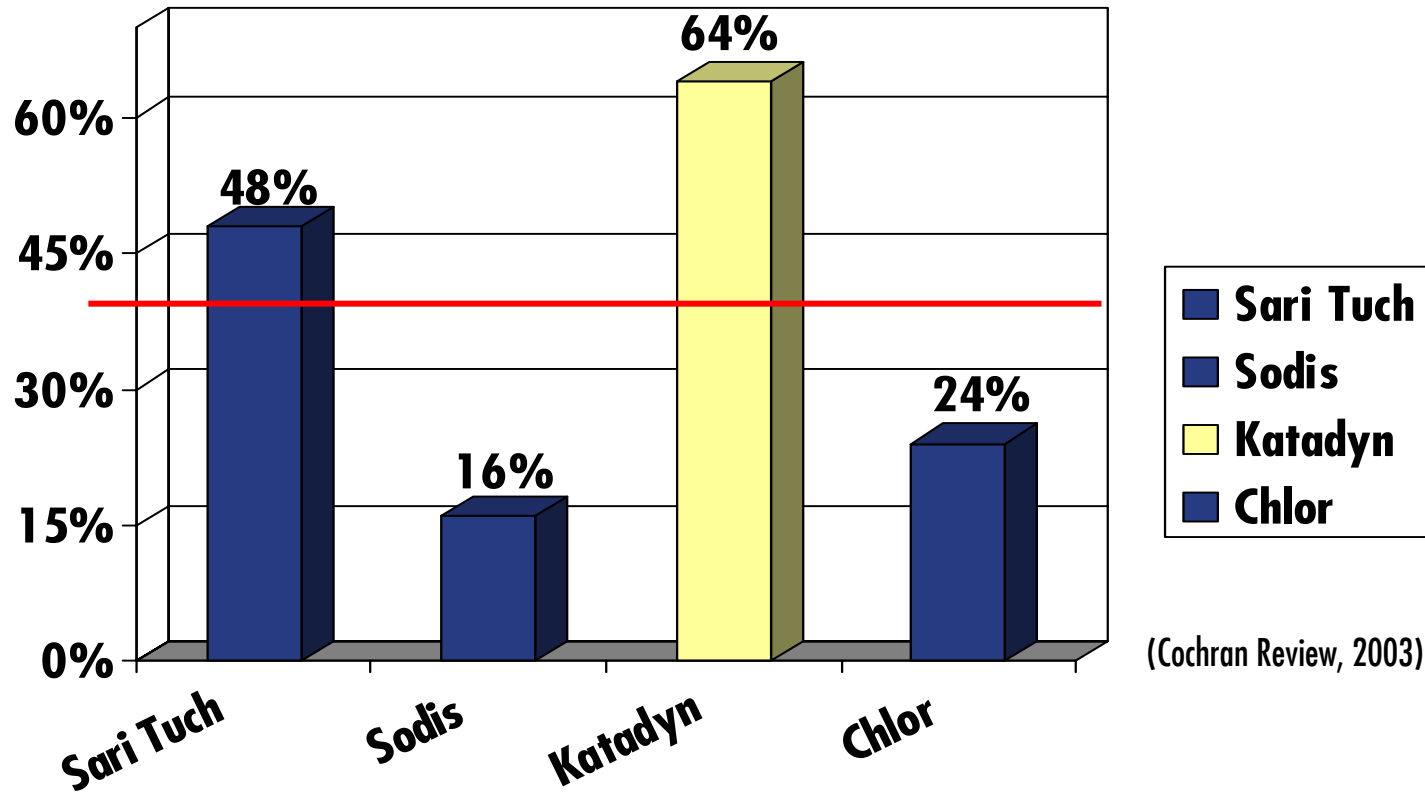
Implementation

- Installation of Katadyn Drip Filters in:
 - 12 Primary Schools
 - 3 Junior High Schools
 - 2 High Schools
 - various hospitals (KFT, Drip)
- One Katadyn Drip Filter should be installed for approx. every 20 pupils
- Teachers will be given specific training by ACV
- Women will be informed about the most important points regarding drinking water for children
- ACV in cooperation with the Regional Health Authorities will supervise and monitor the project



Project – Phase I

Katadyn Ceramic Filtration compared to other methods



(Cochran Review, 2003)

Project – Phase I

Who is ACV

ACV stands for „Améliorations des Conditions de Vie“ (Improving Living Conditions)

- ACV is a French organisation and was founded in 2000
- its aim is to cover the needs of the local communities
- ACV is based in Evry, Senegal (registration number 0912005204)

Regional problems

- there are no drinking water reservoirs
- there are no local aid organisations
- the subject of water is not high on the Government's priority list

Project – Phase I

Drinking water for children

Costs

- | | |
|--|-----------|
| • Katadyn Drip Filters 170 pieces | 21'000.00 |
| • Shipping costs | 5'000.00 |
| • other expenses (training materials, administration, various) | 3'000.00 |
| | <hr/> |
| • Total costs approx. | 29'000.00 |

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Katadyn donates every 10th filter



Project – Phase II

Long-term effectiveness

Scenario I:

- The existing filtration points are serviced and equipped with new filter elements
- ACV monitors the effectiveness with respect to improving the health of school children
- Increased focus on better education and training for families
- The Regional Health Authorities participate in the project in order to provide a broader-based support. Dealers are named and use is made of radio spots and flyers at medical centers.

Scenario II:

- Solutions are sought together with the Regional Authorities to produce products which are affordable for all sectors of the population.
 - Production locations for filter housings