

## West Africa Water Supply, Sanitation and Hygiene Program (USAID WA-WASH)

### TRADITIONAL WELLS IMPROVEMENT TRAINING IN KOUKOULDI, AND OUEGLEGA, BURKINA FASO

After the training of welders on multi-family rope pumps manufacturing for domestic use organized on December 10-16 in Koudougou, USAID WA-WASH partner, WINROCK International in charge of Multiple Use Services (MUS), trained additional artisans in its intervention areas. The trainings which sought to improve traditional wells, was organized in the village of Koukouldi, Province of Sanguié on January 19-25, 2013, and in the village of Oueglega, Province of Kadiogo from January 27, 2013 to February 2, 2013. The improved wells are now used in market gardening. Divided into three teams, eleven drillers participated in the training.



The introduction of a nozzle in a collapsed well in Koukouldi

The purpose of this training was to build local artisans capacities in improving collapsed wells in order to facilitate access to water. These improved wells could then be used for market gardening and other production fields, which generate money and create good living conditions for the communities. The training was conducted by Mr. Roland M TAPIA, an expert from France, who contributed to consolidate the capacity of a local expert (Denis TAPSOBA). The participants came from Boromo and Koukouldi. They had training sessions related to (1) techniques of manufacturing and installing rings; (2) cutting techniques (deepening with rings with water); and (3) techniques of diving in wells. The training session in Koukouldi allowed the

trainees to place six rings of 0.5m each inside two wells identified for the test.

Similar training was conducted in Oueglega, rural commune of Tanghin-Dassouri from December 27, 2012 to January 02, 2013. The well identify for the training had initially a collapsed side, about 5m deep. The trainer showed participants how to solve the problem of landslide ground wells. 14 rings of 0.5m each were made and placed in the well.

The training sessions will be very beneficial to participants and the communities, because they are now ready to repair by themselves collapsed wells which exist in huge number in the area. For example, there are more than 500 collapsed wells in the village of Oueglega only. Participants in the training sessions will be in charge of repairing collapsed wells. They will also promote the techniques they have learned within the communities.



A rope pump made with a recycled bike in the village of Oueglega

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The training period was also the opportunity to test a pedal rope pump prototype, manufactured with local recycled materials, (a recycled bike coupled with a rope pump used to collect water). The test was quite successful. According to Patrice Beaujault, WINROCK International representative in Burkina Faso, the trained drillers' teams have now recorded first orders from clients in the villages the demonstrations were done.

At the end of the training, beneficiaries and owners of tested wells expressed their satisfaction about the work done on their wells. They thanked the American people whose contributions will help them improve their living conditions.

**Contact:** Seydou Traoré  
USAID WA-WASH  
Public Relations/Communication Officer  
01 BP 1241 Ouagadougou 01, Burkina Faso  
89, rue Liwaga secteur 54 - Ouaga 2000  
Tel: +226 50 37 53 08, Fax: +226 50 37 52 09  
Email: [wa-wash@globalwaters.net](mailto:wa-wash@globalwaters.net)  
Website: [www.globalwaters.net](http://www.globalwaters.net)