

CLEAN WATER - HEALTHY VILLAGE 2018, Concise Annual Report for Donors

Paul Akkerman, chairman Foundation Vrienden Holten Bedanda, April 2019

IAGU LIMPO - TABANKA SAN



CLEAN WATER - HEALTHY VILLAGE

The international distribution of the Calabash Cisterns goes on. Our Cistern is being built in 10 African countries. This is the result of our training courses. The costs are partly paid at our expense, partly at the expense of the independent customer organization. At our expense, 360 cisterns were built in Guinea and 48 internationally. 148 Cisterns were built at the expense of the customer, so a spin-off. **All together 556 Calabash Cisterns were built in 2018.** Our strategy turns out to work. We build in Guinea-Bissau and we distribute the know-how of the Calabash Cistern through training courses and MANUALS in 3 languages. **A new phenomenon** is that African trainers travel through Africa to train colleagues: trainers from Guinea-Bissau, Congo and Kenya travel to Guinea-Conakry, Senegal, Tanzania and Malawi. Mutual development!

The Calabash Cistern sells itself: strong, cheap, simple and beautiful. Our board realizes that millions of small African farmers greatly benefit from safe and clean water at their homes.

Every farmer's wife wants a safe water supply close to her kitchen.



Calabash Cistern goes worldwide



Tanzania



Guinea-Bissau

1. In Guinea-Bissau, we will continue to build Cisterns and train our masons.
2. **Internationalization by training:** the Calabash Cistern is now found in 10 African countries, in Panama, Mexico.
3. **Cooperation** with other private developm. organizations, which we have met through umbrella organization **Partin**
4. **The Calabash Cistern crosses the ocean** through collaboration with **IRHA** (International Rainwater Harvesting Alliance)



washing hands



drinking water



mason Amadu and wife



drinking water for sale

Costs: 1 tank costs € 240: the local cistern owner in Guinea-Bissau paid 25% € 60 + the foundation paid € 180.

jaar	Cisterns Guinea-Bissau/Conakry	Congo	Nigeria	Senegal	Kenya	Ghana	Tanzania	Pana ma	Total	Spin-off
2018	360	20	100*	10 + 8*	8 + 6*	11*	20 + 11*	12*	422	148*
2017	383	8	50				12*		441	12*
2016	561	40							601	

The 422 tanks were built for € 25,320. 00 in local payment and € 75,960.00 from the Foundation. * entirely self-paid

The production of 2018 in Guinea-Bissau itself has been a bit slower, compared to 2017, because the coordinator, Julio Nahonta, was absent for a year to take professional training. **The spin-off** has now been outlined clearly. It is our intention that the independent spin-off will continue to grow in 2019.



School in Kenya.



thank you to schools in Rijssen



symposium Brazil



new development

Trainings 2018	participants	cisterns during training
Refresher courses by our experienced trainers Guinea-Bissau	20	8 cisterns
New young tank builders from Guinea-Bissau villages	56	28 cisterns
New tank builders and managers in Senegal, Guinea-Conakry, Kenya	20	16 cisterns

In Guinea-Bissau we continue to build Cisterns and train our masons. Village women are involved to help and decide how the cisterns are spread over the village. The personal contribution has been increased to 30%. In other countries, tank owners pay 50 to 100%. The development in Guinea-Bissau is retarded. Our best craftsman Julio Nahonta, was taking an engineering course for a year, together with assistant Iaia. Most of our activities are focused on independence.

The Ghana over the IJssel Foundation is a new point of support in West Africa. The Calabash Cistern is generally accepted and built in East Africa now, through trainings in Kenya in Tanzania and Malawi (April 2019).

Snowball effect in Africa. There is a movement of African trainers and craftsmen who exchange the know-how between countries and projects. With **Partin and IRHA**, De gevulde Waterkruik/ The Clean Water- Healthy Village project supports that movement by connecting projects and contributing to the transport fares of African trainers . Education for young people is of vital importance.

The Calabash Cistern is crossing the ocean. We contributed to the 11th Simposio Brasileiro de Captação e Manejo de Água de Chuva in Joao Pessoa, Brazil. Brazilians, Panamanians and Mexicans study the concept.



Governor granting certificates



7 nationalities on training course in Tanzania



Mexico

Organization: Project leader Paul Akkerman (info@degeveldewaterkruik.nl) maintains personal contacts and takes care of the coordination of the whole project. Sadjaliu Djalo, mobile + 245 955407840 is the eldest coordinator and advisor to our center in Buba. Julio Nahonta is the coordinator in Catio and Domingos Tchuda coordinates from Bissora. Our field of activity is embedded in the Sustainable Development Goals of the UN: **SDG 6**. We work together with large organizations like **Partin and IRHA**. Han Heijnen, **president of IRHA** is also a member of our Foundation Board.

You, as Donors, have given generous support to implement our 2018 program, **many thanks for that!**

The Manuals of Calabash Cistern are on the site, also the **annual figures 2018**. www.cleanwaterhealthyvillage.com



Delft students in Panama

De Gevulde Waterkruik 
Stichting Vrienden Holten Bedanda
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Thank you very much
Paul Akkerman
chairman

Key for distributing safe drinking water...



Thank you very much!