

February 2010



WATA for Haiti

According to the UN, the earthquake caused the death of 213'000 people, left 197'000 injured and made more than one million homeless. The large number of people physically and psychologically traumatised represents an additional challenge for the country's future.

Antenna Technologies would like to bring its "drop of water" to this huge construction site. Thanks to its network of local partners that have been working in Haiti and with the Haitian population for decades, Antenna Technologies has already donated /has already been able to donate more than a dozen WATA



sets to different associations on the ground. As a matter of fact, we are convinced that the on-site production of active chlorine is to the direct benefit of the population. **4000 litres of unhealthy water can thus be disinfected with just one litre of active chlorine produced by WATA.**



Special Call for Haiti

Donate one WATA set for 200 Euros!

Banque Raffeisen de la Versoix
 Agence du Mont-Blanc - 1201 Genève
 SWFT : RAIFCH22 - N° clearing (NCB) : 80215
 Au nom de la Fondation Antenna Technologies
 Compte WATA - IBAN CH35 8021 5000 0017 98695

Treatment of rain water - implementation of the WATA sets

The objective of the programme "Rain" led by Wateraid in Burkina Faso is to create and organise the installations and structures that permit to collect and manage/ the collection and management of rain water so as to supply the poor population in the rural areas of Burkina Faso with drinking water.



However, to be complete, this programme requires a process during which the water in the rain barrels is purified; to guarantee its potability, it needs to be disinfected just before being consumed. From this point of view, chlorination is/represents an excellent solution because it not only disinfects the water in the safest way, but also assures the protection of the water from any new pathogenic aggression long after being treated and until it is actually used by the consumer.

Thanks to the funding from the Saur Foundation, this project is going to be able to take off very soon and will allow 9000 people to benefit from a stable access to drinking water using/via the seven local production sites of WATA chlorine. A big thank you goes out to the Saur Foundation and the godfather of the project, Raphael de Bodman.

New - Antenna Technologies Foundation

Since the 1st of January 2010, Antenna Technologies changed from association to foundation, as the structure of a foundation better suits the preceding activities of Antenna.

This reorganisation allows for a better promotion and diffusion of the technologies developed by Antenna, as well as for a better follow up of the numerous projects running on the ground.

Training for the cultivation of Spirulina - Madagascar

For many years, SOS Children has supported our work in Madagascar. In 2009, they financed the salary and travel expenses of a person in charge of the «training and development» - this allowed us to hire Herizo on a fixed-term contract for one year.

Apart from being responsible for the training of the technicians and interns for new projects, he also assists the different projects of **Antenna Technologies**, which are geographically off-centre compared to Icity. Five interns have already been trained and seven more will be instructed on new installations by March 2010, which means the training of a dozen people and the creation of ten jobs in five different places in one year!



3rd Panafrican symposium on Spirulina

Antenna Technologies will take part in this symposium, which will be held in Koudougou, Burkina Faso, from the 27th of February until the 6th of March. We will be represented by Vincent Guigon, our technical director. The Spirulina producers and their partners will use this occasion to discuss the topic:

« The micro alga Spirulina, popularization and health of populations ».

www.spirulineburkina.org

Spirulina - Scientific success "made in" Geneva

The Spirulina genome (better known in scientific circles as *Arthrospira platensis*) has been fully sequenced and registered at the NIH's genetic sequence database GenBank by a Genevan syndicate - bringing together a NGO, Antenna Technologies, two private enterprises as well as the group Plants and Pathogenics (ITNP, hepia). They have decided to make it accessible to all users free of charge, thereby preventing others from patenting it, which is a well-known ambition of many competitors.

This extraordinary collaboration is also motivated by the desire to move faster and further in the research of the manifold potential utilisations of Spirulina. Among those are the nutritional applications, the industrial ecology by sequestration of carbon as well as the production of molecules for therapeutic use.

http://www.antenna.ch/documents/spiruline_le_temps_16.02.2010.PDF