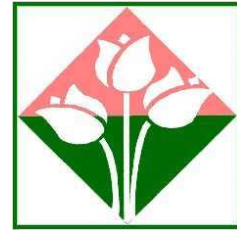


Wata Standard



Aidemet Ong

Promoting the local production of a solution of active chlorine in Mali.

In partnership with the Swiss NGO Antenna Technologies, *Aidemet* NGO conducted three training and demonstration sessions of production of a solution of active chlorine with the



Photo n° 1: Introducing the Wata® device

Antenna Wata® Standard device on the 2nd, 3rd, and 4th December 2008.

The activities are part of the "100 Hospitals in Africa" Program of Antenna Technologies. Indeed, Antenna has made available to *Aidemet* NGO five Wata® Standard devices to pilot their experimental use in some health care facilities in Mali. So, *Aidemet* decided to start the project in one of its main intervention areas, Kadiolo District, to facilitate the monitoring and the evaluation, in view of the dissemination of this activity in other health care facilities in Mali.

The project objective is to make available locally a good quality solution of active chlorine, freshly prepared, affordable and adequate for different uses.

The expected results are:

a) At the level of Health Centers: to improve environmental hygiene and reduce hospital-acquired infections, while decreasing expenses;

b) At the level of communities: to participate in the reduction of waterborne diseases by increasing drinking water availability, with a solution of active chlorine, locally available at affordable prices.



Photo n° 2: Preparing the salt solution

The Antenna-Wata® Standard device can transform by electrolysis a solution of salt water (25 g/l) into a solution of sodium hypochlorite of about 2 chlorometrics degrees. The production time is one hour per liter. The device requires a power source of 12 Volts/4 Amps.



Photo n° 3 : Starting the production
production and consumption data.

In total, 21 people have been trained, including 9 women.

The *Aidemet* NGO's training team was: Dr. Sergio Giani, Program Manager, and Mr. Moussa Diabate, Trainer.

The training and demonstration was carried out in the Community Health Centers of Zégoua and Dioumatene, and in the District Hospital of Kadiolo. At the end of the sessions, each structure was given a kit for the production and storage of chlorine solution, as well as a Handboock and some Stock Sheets for use in the coming months for the collection of



Photo n° 4: Titrating the chlorine solution



Photo n° 5 : Zégoua team with trainer and the Chlorine Kit

The objectives are already beginning to be achieved, since the three health facilities are by now programming to start the local production of chlorine.

We hope that the availability of chlorine will participate in improving the quality of care and in fighting against waterborne diseases.

The Community Health Center of Zégoua started producing of chlorine on Wednesday 3rd December 2008.

For more information on the Wata devices, please visit the website: www.antenna.ch.

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Photo: Archive Aide met. Website: www.aidemet.org .