

# “DISASTER SURVIVORS DON'T NEED BOTTLED WATER”

Title by Juanita Rilling – USAID - Text by Dick van Dijk, Senior Water Consultant©



Haiti 2010: first came the logistic challenge, then the waste!

email: [info@enviro-pure.nl](mailto:info@enviro-pure.nl) – [d.vandijk1@gmail.com](mailto:d.vandijk1@gmail.com)

Phone: +31 653739227 / +66 806990742 (Thailand)

Mr. Dick van Dijk, Chairman

Clean water is one of the most important commodities needed for people to survive. Each person needs 2.5 litres of water daily.

**10,000 people need 17,000 bottles = 32 pallets with 1.5 L bottles!**

In the aftermath of a natural disaster sending bottled water is **costly**, a **logistic nightmare** and has a **lasting negative environmental impact**.

Roads are blocked, runways damaged, harbours out of order, power lines are down. But most disasters come with flooding, so water is available, however just not potable, so what would be more logic than to purify available fresh water on the spot, close to the shelters?

Meet the **smartUF Automatic Water Purifier-Set** that replaces > 6,000 bottles, daily! 10 Sets have the same weight as one pallet of water, but serve up to 35,000 people with Clean, Safe Water to WHO standards **DAILY, AND NO WASTE (1,800 Kg plastic)**

**And than to costs:**

Average price is US\$ 0.50/1.5 L bottle, so 60,000 x 0.50= US\$ 30,000, or the same as 6 **smartUF Sets!** Airlifting 60,000 bottles, or 110 Tons incl. pallets, means **5 flights** with C-130 Hercules planes **daily** at a cost of over US\$ 200,000 for flights up to 2 hours incl. fuel, salaries, logistics, airport fees etc.

*The same cost as 40 smartUF Sets, including transport and installation (1 hour each, NO SKILLS NEEDED)*

**PAYBACK TIME: < 2 DAYS!!! AND NO WASTE!!!**

**THE LIFE SPAN OF 5 YEARS COMES AS A BONUS!**