



The Company

AUTARCON is a Germany based SME founded in 2010. The vision of the company is the supply of remote rural regions with sustainable and long term reliable drinking water through decentralized treatment station. The company is currently active in 10 developing countries – among them India, Egypt, Tanzania and Nepal. Worldwide about 50.000 people rely on water that is treated and supplied by AUTARCONs SuMeWa|SYSTEMs, mainly in villages, hospitals, schools and universities.

The Technology - SuMeWa|SYSTEM

The technological approach is based on the inline-electrolytic production of oxidants/chlorine from the source water itself, assuring that the treatment does not need the addition of chemical. Through solar power supply each treatment system can operate fully autonomous. Next to the disinfection of the water, different contaminants such as turbidity, iron, manganese or arsenic can be removed without the addition of any chemicals using different versions of SuMeWa|SYSTEM and including add on modules. All stations

- Work fully autonomous
 - ✓ no external chemical supply
 - ✓ no external energy supply required
- Adapt automatically to changing water condition
- Are self-cleaning reducing maintenance intervals to once in several months
- Removes
 - ✓ Pathogens (up to 99.999 %)
 - ✓ Iron and Manganese (up to 99 %)
 - ✓ Arsenic (up to 95 %)
 - ✓ Turbidity (up to 99.99 %)
- Disinfect up to 15.000 L per day
- Are online controlled through SCADA System
- Generate income through Prepaid Water Taps / Water ATMs

Contact Information

Web: www.autarcon.com

Email: info@autarcon.com

Germany:

AUTARCON GmbH,
Franz-Ulrich-Str. 18f
34117 Kassel
+49 561 5061 868 90

India:

Prof. Virendra Kumar
+ 91 73897 30862
Mr. Pradyut Malakar
+91 78900 13850

Tanzania:

Mr. Calvin Ndumwa
+255 620 569 087
ndumwa@autarcon.com

Egypt:

Mrs. Tina Jaskolski
+20 122 99 222 26
egypt@autarcon.com

AWARDS among others:

- Energy Globe Award
- IWU - Award for Innovation in Climate and Environment - 2013
- Intersolar Award 2011

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