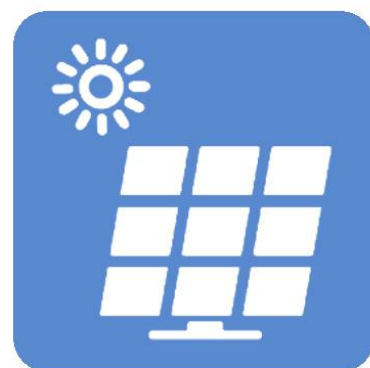




A person is pouring muddy, brown water from a white bucket into a large metal bowl on a dirt ground. The water is thick and opaque, indicating high turbidity. The person's arm and part of their body are visible on the right side of the frame. The background is a vast expanse of dry, reddish-brown earth.

1 Billion People do not have access to clean drinkingwater.
80% of all illnesses originate in polluted drinking water.

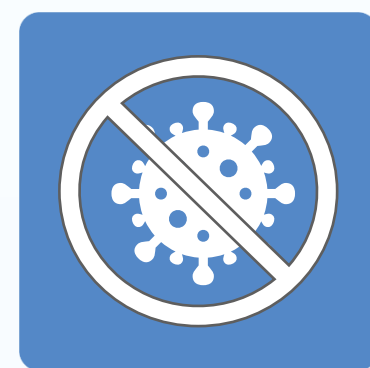
OVERVIEW



100% solar powered.
ON GRID supply (230V/110V)
via BACK-UP transformer.
Uninterruptible power supply
via battery in case of Power
break-down.



Up to 7.000 liters
of drinking water per day
with solar powered
operation.



Destroys microorganisms,
bacteria and viruses
without the use of chemicals.



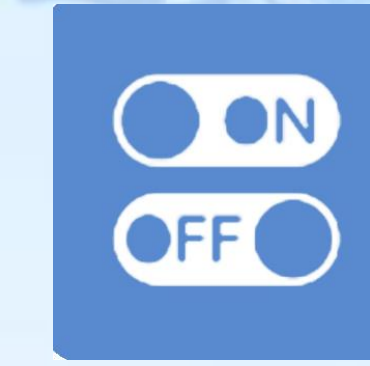
Exceeds WHO
drinking water guidelines.
Monitoring according to
WASH PROGRAM OF WHO.



Fully automated system.
Shock protected mechanic.
Unique connectors against
mix-up installation.



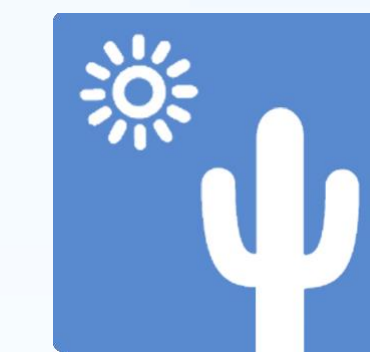
Simply operation:
switch ON / OFF.



Easy to maintain.
Implementation and
expendable items - Plug&Play



Designed for all tropical
& desert regions and
lack of infrastructure..





“Also it can be stated that the water treatment unit is a prevention unit against the new COVID19 Virus in the raw water and therefore to prevent this virus in the drinking water.”

Excerpt of expert report 17 June 2020



Institute for Hygiene and Public Health ihph / University Bonn,
WHO Collaborating Centre for Health Promoting Water Management
& Risk Communication
Director: Prof. Dr. med. M. Exner
Head of Department: Dr. rer. Nat. J. Gebel



World Health
Organization

The cleanliness of our water
exceeds WHO Drinking Water Guidelines.

APPLICATIONS

The **MyWaterstation** is perfect and sustainable for small communities, schools, hospitals, rural villages, refugee camps and other remote facilities.

The **MyWaterstation** is a so-called END TAP INSTALLATION for End Users to get daily supply of healthy clean drinking water.



The **MyWaterstation** can be applied to many raw water sources like ground water, wells, surface water, water cisterns, rainwater collection, water trucks and city water supply.



Schools



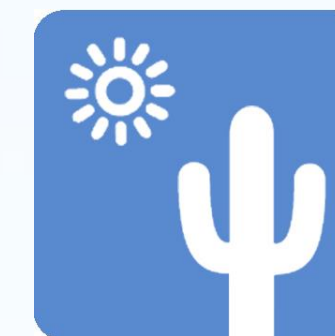
Hospitals



Resorts



Rural Villages



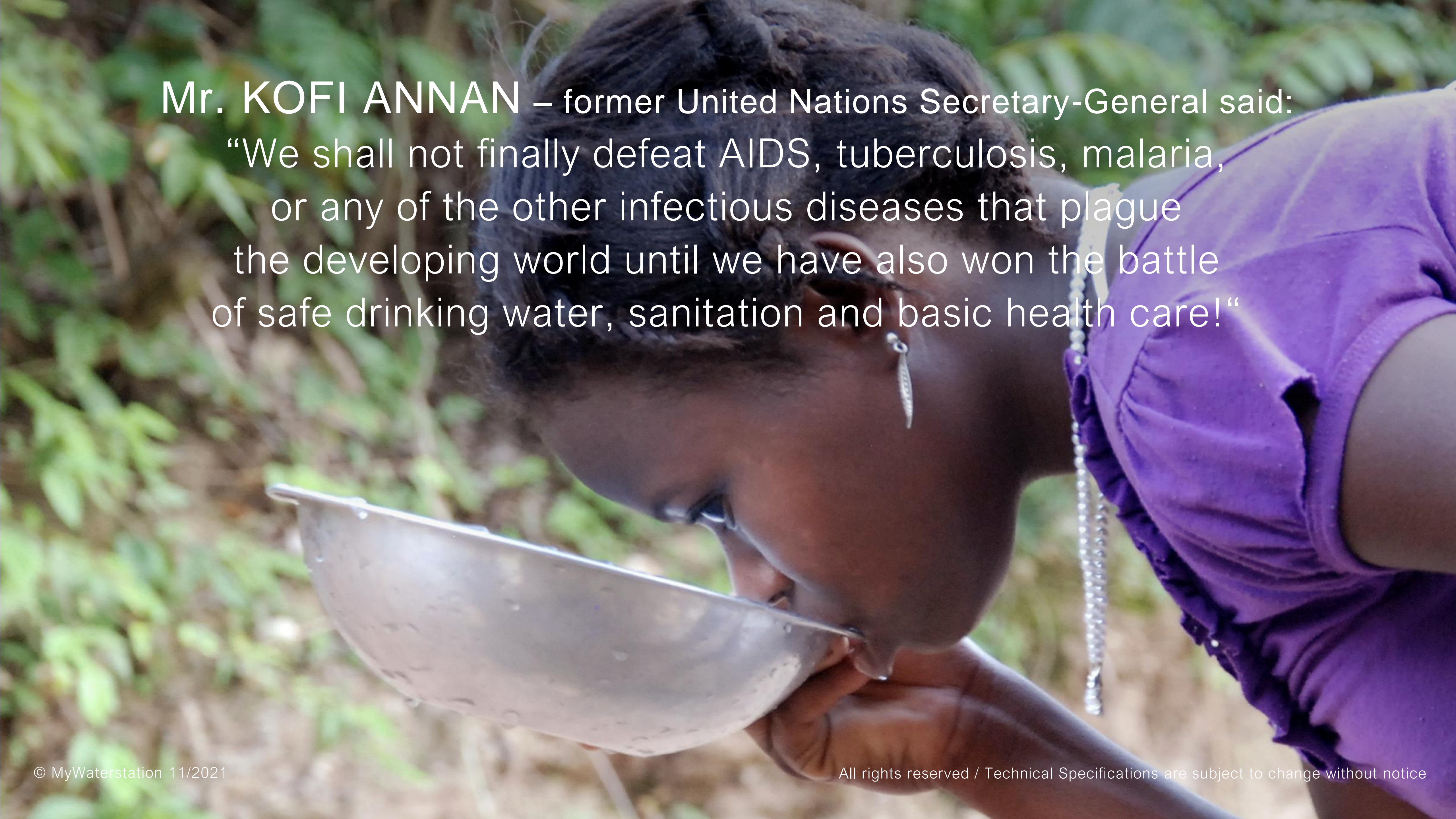
Remote Areas



Refugee Camps



First Aid

A young girl with dark hair in braids, wearing a purple shirt and a silver earring, is shown in profile drinking water from a metal cup. The background is a blurred green outdoor setting.

Mr. **KOFI ANNAN** – former United Nations Secretary-General said:
“We shall not finally defeat AIDS, tuberculosis, malaria,
or any of the other infectious diseases that plague
the developing world until we have also won the battle
of safe drinking water, sanitation and basic health care!”

TECHNICAL SPECIFICATIONS



PERFORMANCE

Up to 7,000 liter/day with SOLAR POWERED operation - Optional: up to 14,000 liter/day ON GRID 24 h.

CONTROL UNIT

Siemens and GermanTechnology according German Standard DIN /EN.

POWER SUPPLY

12V DC System, Solar Panels 12V DC 300 Wp and ON-GRID Back-up Transformer.

DIMENSION & WEIGHT

113 x 40 x 75 cm / 80 kg

CASING

Steelbox with anti-corrosive coating, handle-bar for easy transportation.

MOUNTING

SAS Shock Absorbing System - Component's shock protected mounted for rough transportation.

RAW WATER SUPPLY

1/2 inch connector with UV protected hoses.

DRINKING WATER SUPPLY

1/2 inch connector with UV protected hoses.

MATERIAL

Non-toxic materials, suitable for drinking water in accordance with German Standard DIN/EN and DVGW guidelines.

EXPERT REPORT

Biodosimetric Disinfection Performance Testing of the Solar Water Treatment Unit.

University Bonn - Institute for Hygiene and Public Health **ihph**, **Collaboration Partner WHO**.

WATER QUALITY

Water purity +99.99 % according WHO Standard, UVC Dose +400 J/m².



DATA-CONTROL



LOGO CONTROL SYSTEM (LCS) Made by Siemens

LCS - The LOGO CONTROL SYSTEM is the smart brain of [MyWaterstation](#).

LCS performs our philosophy of outstanding functionality, operation as well security concerning malfunction and manipulation for easy&safe operation.

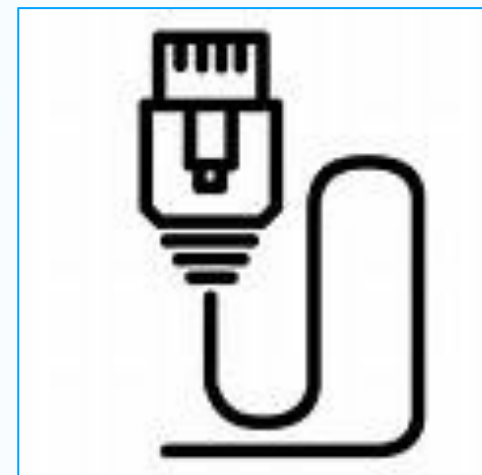
LCS controls and monitors all operations of drinking water production as well as energy management generated by solar panels, GSM solar battery and ON GRID operation.

LCS stores and reports information about unit performance and status, as well as maintenance and service cycles.

LCS for easy update of software and monitoring protocols via LAN and SD card.

LCS guides users and technicians safely through the service and maintenance procedure for assured water quality.

LCS is based on German Made products, technology and software.





MyWaterstation

Made in Germany

MyWaterstation produces daily up to 7.000 liters of drinking water per day - solar powered.

WATER TREATMENT TECHNOLOGY

MULTI-STAGE FILTRATION



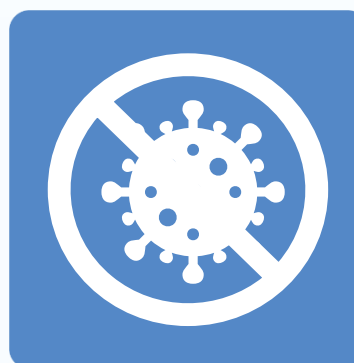
7 Filter steps eliminate particles and microorganism from raw water source.



Easy to maintain and to service only with Ring Key for filters. NO TOOLS required.



UVC DISINFECTION UNIT



Destroys microorganisms, bacteria and viruses without the use of chemicals.



Exceeds WHO drinking water guidelines
UVC Dose +400 J/m².
+99,99 % water purity.
Monitoring according to „WASH PROGRAM OF WHO“.

Housing & Filter with antimicrobial technology

Filter No 1:	200 mcr	washable
Filter No 2:	90 mcr	washable
Filter No 3:	25 mcr	fine filter cartridge
Filter No 4:	1 mcr	fine filter cartridge
Filter No 5:	10 mcr	filter cartridge carbon
Filter No 6:	5 mcr	filter cartridge carbon
Filter No 7:	0,2 mcr	fine filter cartridge

Spare Part Consumption

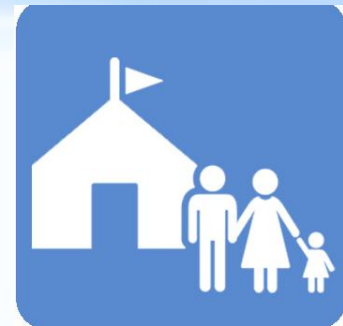
Ø 6 Filter Sets every 2-3 month according to the raw water situation and production volume of water.

UVC lamp life span: up to 2-3 years according to the production volume of water.

APPLICATION FOR DISASTER AREAS



Water supplies hygiene environment for doctors, nurses and patient.



Fast response drinking water supply (Plug&Play) for refugee camps and disaster areas.



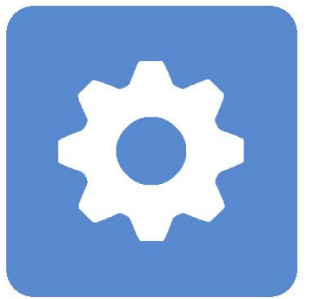
Shock protected for rough transportation conditions.



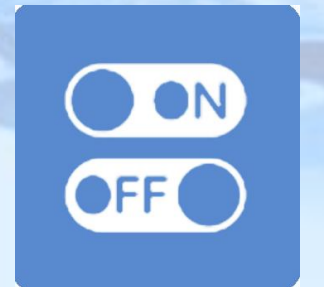
Easy Shipment via Air, Ship, Truck and Car. Pack size EURO Palette. Goods are not hazardous classified.



Fully automated system. shock protected mounted mechanic.



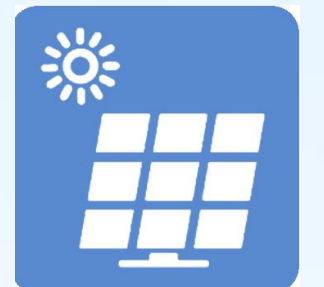
Simply operation: switch ON / OFF.



Easy to maintain. Implementation and expendable items - Plug&Play.



100% solar powered ON GRID supply 230V/110V via BACK-UP transformer.



Easy Transport. First Aid & Water Trucks.



MyWaterstation FACTS

MyWaterstation - Unique mobile solar powered Plug&Play Water Treatment Unit

- ✓ ENGINEERED & MADE IN GERMANY / BAVARIA - ISO 9001.
- ✓ Expert Report by University Bonn - Institute for Hygiene and Public Health ihph. Prevention Unit against COVID19 Virus.
- ✓ Destroys microorganisms, bacteria and viruses without the use of chemicals.
- ✓ All materials suitable and certified for drinking water - DVGW.
- ✓ Housing & Filter cartridges with antimicrobial technology.
- ✓ OFF-GRID independent and solar powered – solar water production up to 7.000 l/day.
- ✓ Simple one-switch operation ON / OFF.
- ✓ Easy to maintain and service without tools – pump, UVC Unit, hoses.
- ✓ LOGO Control Unit LCS - Siemens and Made in Germany Technology.
- ✓ Power Management.
- ✓ User guiding Control System for Service and Maintenance.
- ✓ Automated daily water production versus stagnation.
- ✓ Goods are not hazardous classified.
- ✓ Steelbox with anti-corrosive coating and transport bars.
- ✓ All Connectors different versus malfunction and manipulation.
- ✓ SAS Shock Absorbing System for rough transportation.
- ✓ Low weight and easy to transport - EURO Palette size.
- ✓ Cost efficient.



Schools



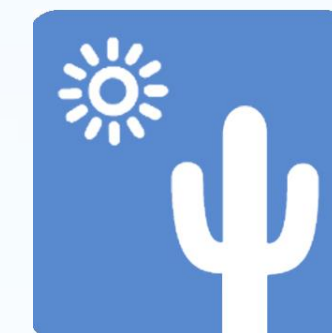
Hospitals



Resorts



Rural Villages



Remote Areas



Refugee Camps



First Aid

...it's time

A young boy with dark skin and short hair is looking directly at the camera. He has a white bandage on his right index finger. He is holding a large, light blue plastic bowl that has a significant crack on its side. The background is a ground covered in reddish-brown gravel or crushed stones. The text "...for us." is overlaid in white on the boy's face.

...for us.

Welcome!



info@blu-box.io
www.blu-box.io