

Efficiency

PAUL[®] filters more than 99.99% (up to 99.99999%) of bacteria and other pathogens with 10 years lifetime. **During many years, 1,200 Liter water per day** are filtered – this ensures a permanent water supply for about 60 people at 20 L/d.

Onsite tests at some **PAUL[®]** already being in operation since years have shown daily performances far beyond.

What's more reasonable:

- ✓ transport 1.2 tons of water **every day** year for year
- ✓ or transport one **PAUL[®]**, 20 kg **just once**?

PAUL[®] means: **Help people to help themselves**, even in remote areas.

Human lives must be saved!

Contact

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With your donation, you support the manufacturing of WaterBackpacks for permanent decentral water supply.

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PAUL[®]

Permanent Decentralized Water Treatment

for Villages, Schools, Hospitals...



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Deutsche Bundesstiftung Umwelt

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Ausgewählter Ort 2011

Winner „Society“

Motivation

According to the UN still nearly 600 million people live without access to safe water. Wells and rivers are polluted by bacteria and other pathogens. People are suffering, among others, diarrhea, typhoid and Cholera. Many sufferers die, especially children.

Problem

Lack of infrastructure, political instability, geographic constraints and poverty make the establishment of a central water supply in the affected regions in the foreseeable future unlikely.

Only rapidly realizable and targeted alternatives can improve the situation of millions of these people.

Additional help is needed!

Solution: PAUL® (Permanent Aqua Unit for Life)

For permanent, decentralized water supply, DESEE developed the system PAUL® further.

- ✓ Permanent, automated filter operation possible by float valves and commercially available tanks
- ✓ Suitable for a long-term operation for many years
- ✓ No maintenance over months
- ✓ No chemicals needed

