efficiency

PAUL[®] filters more than 99,99% of bacteria, virus and other pathogens using a membrane filter with a nominal pore size of ca. 40 nm (0,04 µm), and a 10 years lifetime. Thus, over years at least 1.200 Liter water per day can be filtered – enough for 400 victims to survive.



What's more reasonable:

- carry along 1.2 tons of water every day to help 400 victims
- or transport just one PAUL[®], 20 kg, just once?

If you, on one day, transport **60 PAUL**[®] (= 1.2 tons) instead of water, you enable **24.000+ Victims** to filter their water by themselves!



contact

Prof. Dr.-Ing. F.-B. Frechen, Kassel/Germany tel: +49 172 650 4683 mail: paul@waterbackpack.org web: www.waterbackpack.org



video (6 min):

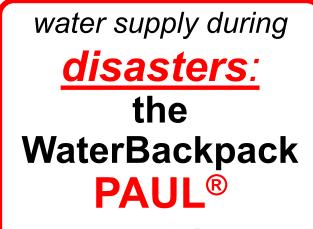


how can you help?

Donate and help creating even more **PAUL®** units for first aid in disasters like earthquakes, flooding etc..

donate to:	World University Service
<u>reason:</u>	<u>Paul</u>
bank:	Bank für Sozialwirtschaft
IBAN:	DE95 3702 0500 0007 2321 00
BIC:	BFSWDE33XXX

include postal address for donation certificate





why?

After disasters like earthquakes, flooding etc., one of the most urgent problems is to provide the affected population with enough quantity of **potable water**. Wells and rivers are contaminated with bacteria. virus other and pathogens. People suffer from cholera diarrhea. and other diseases, and many, especially children. die.

what is the problem?

In case of disasters, mobile hightech waterworks are deployed need skilled which operation personnel, energy and consumables. They serve several ten thousand capita but can only be used where infrastructure is operational. This essential and is must continue!

But: with infrastructure destroyed, victims in **remote areas** are cut off this water source. Here, **PAUL**[®] is needed and brings **immediate help**

solution: PAUL® (Portable Aqua Unit for Lifesaving)

