



HuProTec
HUMAN PROTECTION TEC
SWITZERLAND

WASH
"ARCHE"®



Water Supply, Sanitation, and Hygiene: Your Key to a Sustainable Future!

In the realm of WASH (Water, Sanitation, Hygiene), numerous programs and projects strive to enhance lives by ensuring access to clean drinking water, proper sanitation facilities, and comprehensive hygiene practices. These efforts play a crucial role in preventing diseases, improving living conditions, and fostering sustainable development.

Yet, a challenge persists: While much is done under the umbrella of WASH, comprehensive solutions are often lacking. This is where we step in with ARCHE!

ARCHE brings together various WASH units under one roof to ensure everyone has access to holistic solutions. Our vision is sustainable and self-sufficient, creating solutions that not only enhance life today but are also sustainable for future generations.

Our motto is "For people in need" – we are committed to ensuring that those who need it most benefit from our WASH solutions. Under the motto "If you can dream it, you can do it," we have achieved just that – we've made it happen!

ARCHE in Action :

WA- Water, S- Sanitation, H- Hygiene:

WA - Water: Our revolutionary Atmospheric Water Generators (AWG) guarantee a constant supply of clean drinking water, irrespective of external factors. Dream of a world with limitless water – we've made it a reality!

S - Sanitation: Our innovative Kompo Toi's set new standards for sanitation facilities. Robust, efficient, and environmentally friendly – we make sanitary facilities accessible to all.

H - Hygiene: We optimize existing washing facilities to promote personal and public hygiene. Cleanliness is the key to disease prevention, and we ensure that this key is available to everyone.

With ARCHE, we not only rewrite the WASH narrative but also invest in a sustainable and self-sufficient future. If you're seeking comprehensive solutions that positively impact lives, discover ARCHE – because we've done it!



Topview



Backview

WASH-Concept by HuProTec

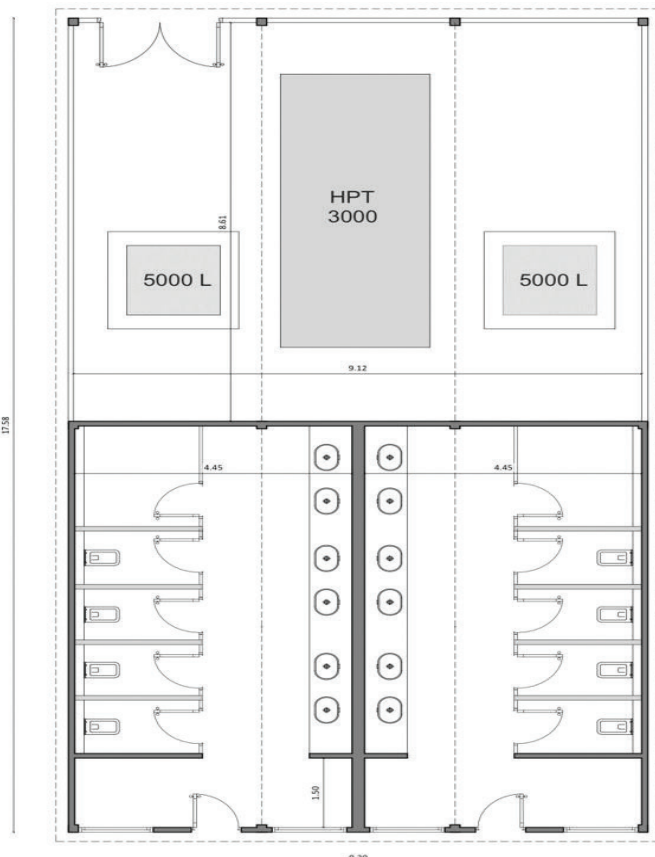
World's first 100% implemented WASH concept!



Frontview

Keypoints WASH-Arche®

- Daily fresh drinking water generated by HuProTec AWG, HPT3000 up to 5000L/d
- People can pull mineralized drinking water directly from tap stations
- Men / Women separated entrance into the sanitarian and hygienic infrastructures
- Sanitarian drytoilets with composting solution for human feces
- Composting solution generates bio fertilizer (optimal fertilizer for sustainable agriculture)
- Hygienic infra, (showers & washing tubs)
- 2 Watertanks, drinkingwater tank and a recycle grey water tank
- Recycling greywater system Hydro Int.® cleans used greywater from hygienic infra for re-use in the hygienic infra
- Construction, container frame setup, Solarroof, light solid walls
- Power supply by I-Energy® Solarpanels on the roof, for the AWG, recycling-system, compost-system and light.
Modules on Brightness-base (better than PV)
- **Setup time 8 weeks**



Contact us

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