



NV|Aqua 

The Next Version of water
treatment systems



Swiss Quality Products
For a sustainable future
From NV|terra

We provide more than just water

> **THE COMPANY**

A Swiss based technology company that provides adapted solutions for many environmental situations, from water to energy.

> **OUR SYSTEM**

A transportable and reliable water treatment system capable of purifying any kind of surface water, requiring only Salt, Iron and Energy. The rugged automation system, continuously monitors, all essential water parameters with its integrated measurement unit and adjusts the dosing pumps according to water quality.



> **TECHNICAL SPECS**

Typical hourly utilisation UF-100

- Energy: 4.8 kWh
- Salt: 144 g
- Iron: 12 g

Typical daily production UF-100

- Drinking Water: 100'000 l
- Bleach disinfectant: 100 l
- Coagulant: 40 l

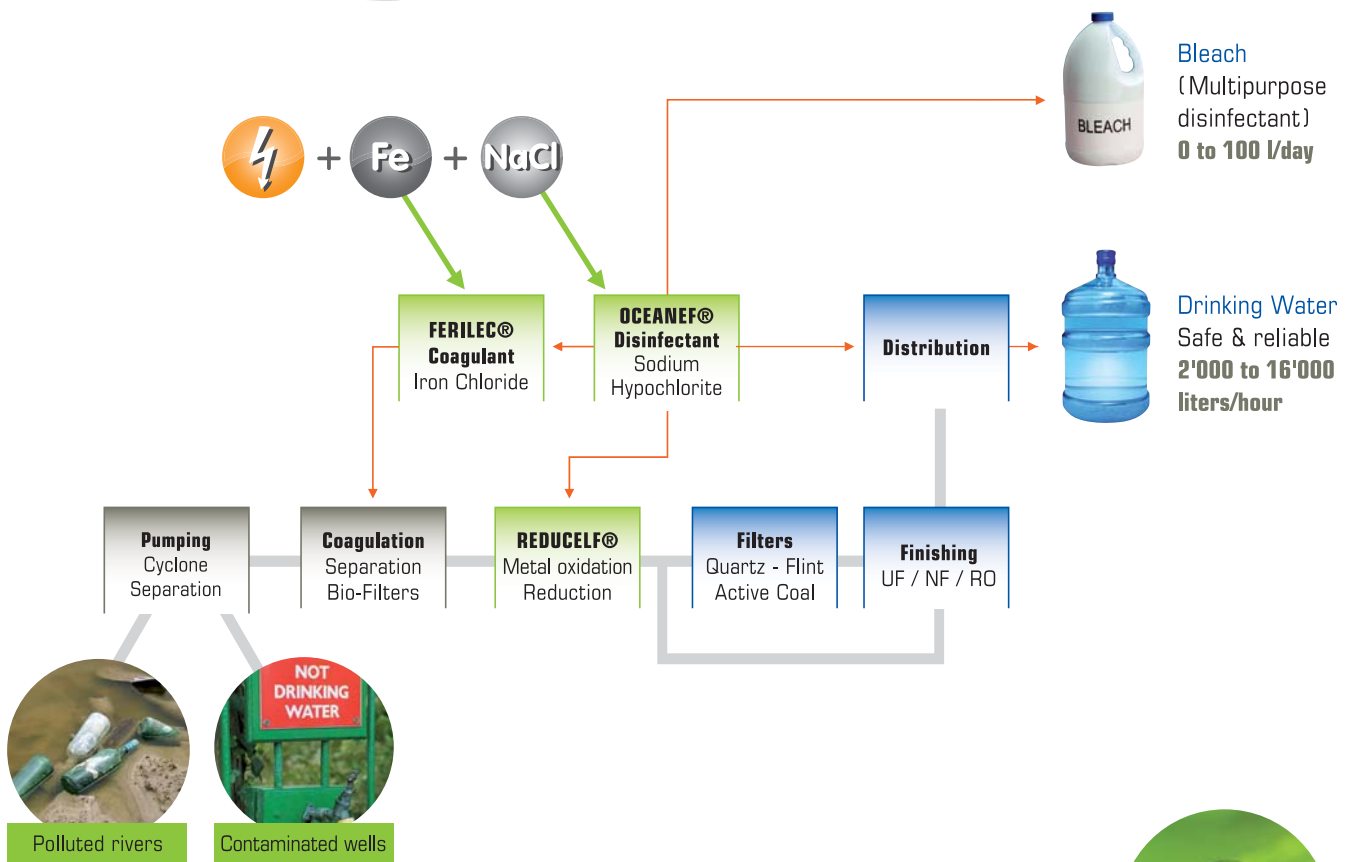
Maintenance

- Transportable and containerized system, operational the same day
- > Fully automated wash process
- > Quarterly consumable refill
- > Semestrial disinfection process
- > Remote alarm management

Treatment capabilities

- Conform to WHO standards
- Water treatment yield:..... >90%
- Turbidity: 1'500 NTU
- Heavy metals: As, Cd, Hg, etc.
- Others: hydrocarbon, nitrates, fertilizer, pesticide, coliforms, etc.

> A READY TO OPERATE TURNKEY UNIT WITHOUT ANY CHEMICALS, FOR A SAFE AND CONTINUOUS WATER TREATMENT.



> YOUR ADVANTAGES

- Transportable drinking water plant complying with World Health Organization standards
- Long lasting and reliable investment for water independency
- No dangerous handling of chemicals only salt and iron are required
- Low maintenance, remote control and system monitoring capabilities due to a fully automated system
- Internal production of multipurpose bleach
- Internal production of one of the most efficient coagulant: Iron Chloride

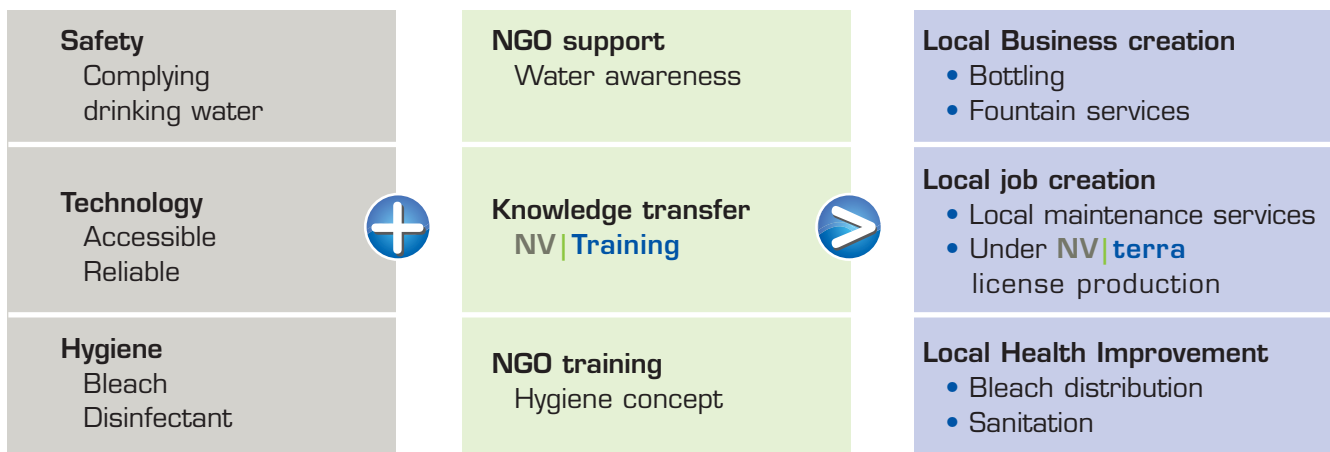
> CONCRETE WATER NEEDS

Water needs, a complex and multifaceted reality.

<p>Immediate & short terms Transportable & Robust</p> <ul style="list-style-type: none"> • Fast suburbs expansions • Catastrophes (floods, etc.) • Emergency situations • Disinfection 	<p>Durability for Sustainability Community development</p> <ul style="list-style-type: none"> • Local economy creation + Education (NGO) + Collaboration (partners) • Independency / autonomy • Enable new local opportunities 	<p>Drinking water independency Autonomy and security</p> <ul style="list-style-type: none"> • remote lodges • Farms / cattle / irrigation • Individual ranch / houses • Golf clubs
--	--	---

> OUR VISION

To contribute to the global improvement and sustainable development with our technological expertise. Thanks to a single and reliable device that addresses the complex water needs, offering the security and serenity that water independency can provide.



> THE CAPACITIES

NV|Aqua solutions provides Safe Drinking Water, complying with World Health Organisation (W.H.O) standards, from any raw surface water where access is difficult, traditional filtration fails or maintenance costs would be to high.

With our transportable, containerized and ready to use water treatment system, we answer most of the immediate needs, in providing an independent source of drinking water, allowing local community development.



> APPLICATIONS

NVI **Aqua** solutions offer at no additional cost, one of the most efficient disinfectant: bleach.

These products, water and bleach, can become a commercial activity development opportunity for locals.

Even more, this reliable and accessible technology is also the perfect pedagogic support for NGO's who would promote water and hygiene education.

> A COST EFFICIENT SOLUTION

With only 32g of Salt, 3g of Iron and 1.1kWh energy per m³, we provide safe drinking water at the most competitive price, 0.16€/m³

The investment price is linked with initial water quality and ranges from 200k€ to 400k€ depending on surface water conditions

Low maintenance costs: (depending on the model and installed options)

• half-yearly system disinfection kit (washing product):	40 ~ 130€
• 3 years filters media verification and replacement:	500 ~ 1500€
• 5 years Electrodes and pumps maintenance kit:	1000 ~ 2000€

> HOW TO PROCEED

Request a free quotation directly from our online website or fill in and send us back the attached form and we will provide you with the best fitted and ready to use solution.

«Reliability and Quality without compromise»



«Access to drinking water independency»

Your direct contact:
World.Sales@NVTerra.com

« We do not play
with quality »



Headquarter

NVTerra
z.i. le Boeuferrant
C.P. 1496
CH-1870 Monthey
SWITZERLAND

T +41 24 475 73 33
F +41 24 475 73 20

Info@NVTerra.com
www.NVTerra.com