A complete range of flexible containerized solutions

Need	Capacity	Energy source	Processing technology
Drinking water from groundwater	1 à 20 m³ per hour 10 à 500 kWh per day	Solar Solar + Wind	Ultrafiltration Chlorination
Drinking water from surface water	1 à 20 m³ per hour 10 à 500kWh per day	Solar Solar + Wind Marine current (under development)	Pre-treatment Ultrafiltration Chlorination
Recycled water Standard uses	1 à 20 m³ per hour 10 à 500kWh per day	Solar Solar + Wind Micro-Anaerobic digestion (under development)	Pre-treatment Ultrafiltration Chlorination (according to use)
Recycled water Specific uses	1 à 20 m³ per hour 20 à 1000kWh per day	Solar Solar + Wind Micro-Anaerobic digestion (under development)	Pre-treatment Ultrafiltration Reverse osmosis
Desalination of seawater	1 à 20 m³ per hour 100 à 2000kWh per day	Solar Solar + Wind Wave power (under development)	Ultrafiltration (if needed) Reverse osmosis
Brackish water treatment	1 à 20 m³ per hour 50 à 2000kWh per day	Solar Solar + Wind	Ultrafiltration (if needed) Reverse osmosis

The green energy generation and storage system is defined using our software based on local data and requirements.

Treatment options (adsorption for example) can be integrated to take into account specific needs

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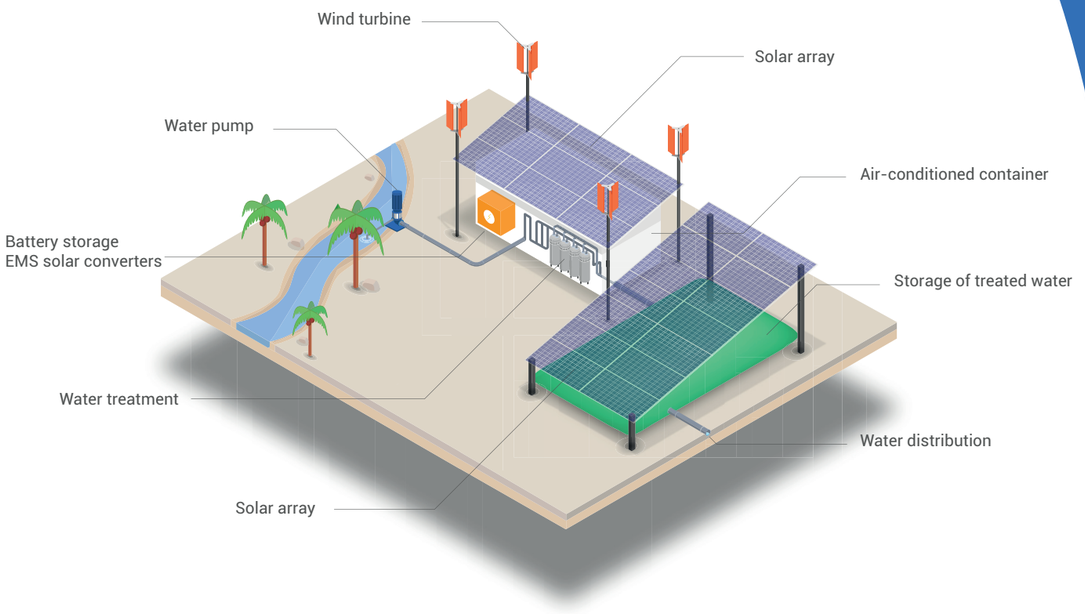
TERGYS
Water and Energy Systems

A guaranteed supply of green energy and water

Our autonomous plug and play systems ensure access to green energy and water while optimizing costs.



Innovation is the driver of our combined solutions

Our innovative Ultrafiltration and Reverse Osmosis Membrane solutions are designed to facilitate the maintenance of our water production systems.

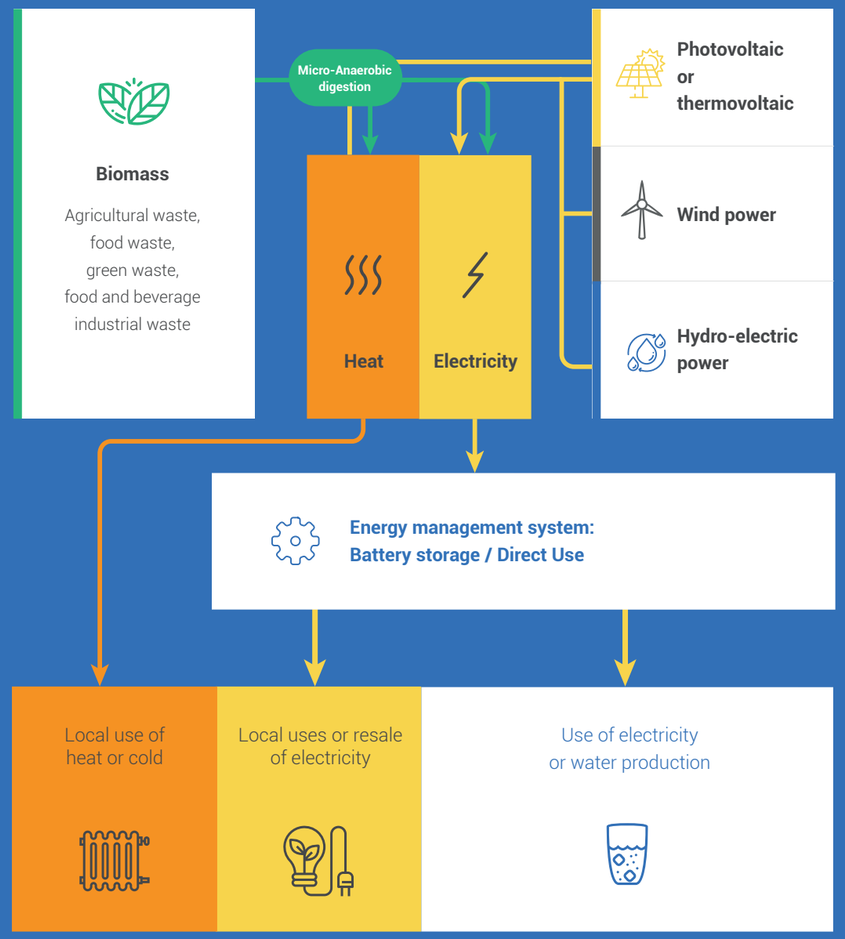
Energy storage systems using Li-Ion batteries employ innovative parallelization technology to bring unparalleled reliability.

Innovative and multifunctional green energy production technologies enrich our product offer to meet a variety of needs.

Through our pragmatic approach, we propose **the best solution based on your environment** and your drinking water, desalinated water and recycled water needs.

- Software to define the optimal combination
- A hybrid energy storage system
- Intelligent project management to optimize costs
- A modular, scalable concept with limited maintenance

An autonomous supply of both green energy and water



Our hybrid systems cleverly combine the local green energy sources that will best respond to your water and energy needs.

The TERGYS energy management system uses Li-Ion batteries and interactive algorithms to optimize energy management and ensures the best possible availability of water and energy.

We can combine production of desalinated or recycled drinking water with the supply of lighting, electricity and, if requited, heat or cold air.

A custom-built solution

- Secure access to water and energy
- Independence and autonomy
- Optimized costs and reduced maintenance
- Transportable units with a small footprint
- Easy installation and modular systems
- Use of green energy and reduction of CO_2 footprint