



## Autonomous systems for economic and sustainable management of resorts and tourist centers

### YOUR CHALLENGES

- ✓ Secure supply of drinking water
- ✓ Reduce your water and energy costs
- ✓ Add value to your food waste
- ✓ Boost brand appeal with enhanced environmental image

### OUR OFFER

- ✓ Secure production of drinking water
- ✓ Recycle waste water
- ✓ Recover energy from biowaste
- ✓ Access low-cost green energy



### Autonomous Plug-&-Play Systems

- ✓ 10 to 1'000 m<sup>3</sup>/day production of drinking and recycled water
- ✓ 4 MWh to 2 GWh of electricity/year
- ✓ 6'000 to 120'000 Nm<sup>3</sup>/year of biogas
- ✓ 10 to 300 MWh/year of hot water

- ✓ 100 to 5'000 residents
- ✓ 120 to 3'000kg/day of recycled biowaste
- ✓ 50% to 80% reduction in waste water



**TERGYS**  
Water and Energy Systems



### OUR COMMITMENT

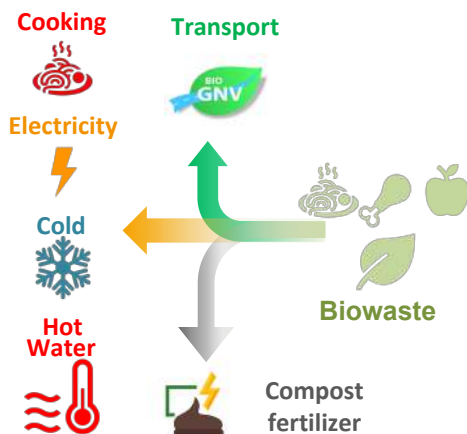
- ✓ 24/7 energy management
- ✓ Battery life > 7 years
- ✓ Guaranteed water quality
- ✓ Energy recovery from biowaste
- ✓ System modularity

### CLIENT FLEXIBILITY

- ✓ Equipment purchase or rental
- ✓ Whole system or modules
- ✓ Remote monitoring with alerts
- ✓ Local maintenance contract
- ✓ Adapted water and electricity prices

*Biowaste Recovery Module with production of green energy : Reduce collect cycles, reduce costs and reduce CO<sub>2</sub> footprint*

#### Energy Recovery



*Desalination Module with production of green energy : Secure supply*



*Waste Water Recycling Module : Reduce costs and diminish pressure on limited resources*

### OUR APPROACH

- ✓ Definition of the optimal system based on your needs
- ✓ Individualized quote and proposal
- ✓ Installation, training and start-up
- ✓ Remote monitoring and operating assistance
- ✓ Maintenance interventions

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