



# ECOLOGICAL FLUSH PUBLIC TOILETS

INNOVATION  
WATER  
AUTONOMY  
DESIGN



- Sewerless toilets
- Easily transportable
- Water flush recycling





# OUR TOILETS SAVE WATER BY RECYCLING



## SUSTAINABLE TOILETS

WeCo flush toilets recycle the wastewater into clean water. Thanks to an innovative patented technology, no water is wasted. The closed water circuit treats and enables the reuse of wastewater for flushing. WeCo technology even produces a surplus of treated water to clean the cabins or water the plants.



## SEWERLESS TOILETS

The biological technology reduces the faecal sludge into the septic tank. The electrolysis technology cleans the black water and recycles it into treated water for flushing. Therefore, the toilets do not need any connection to the local wastewater infrastructure. Electricity can be provided by solar panels to ensure a full autonomy of the toilets.



## DESIGN TOILETS

Our public toilets are conceived as urban shelters for users and a place where our clients can show their commitment to sustainability in saving the water flush. The cabin is specially designed to offer a pleasant environment to its users. Colors, materials, sounds, pleasant smell: sensitive design is everywhere.





# OUR TOILETS SAVE WATER BY RECYCLING

## OUR TECHNOLOGY\*

### BIOLOGICAL TREATMENT AND ELECTROLYSIS

The flush transports the urine and feces into a tank. The feces will sink to the bottom of the tank and be reduced by a specific biological treatment. Then, a pump will push the liquids into an electrolysis cell. This will produce ion and chlorine compounds.

It is those chlorine compounds (chlorine and chloramine) which will destroy the bacteria and purify the urine.

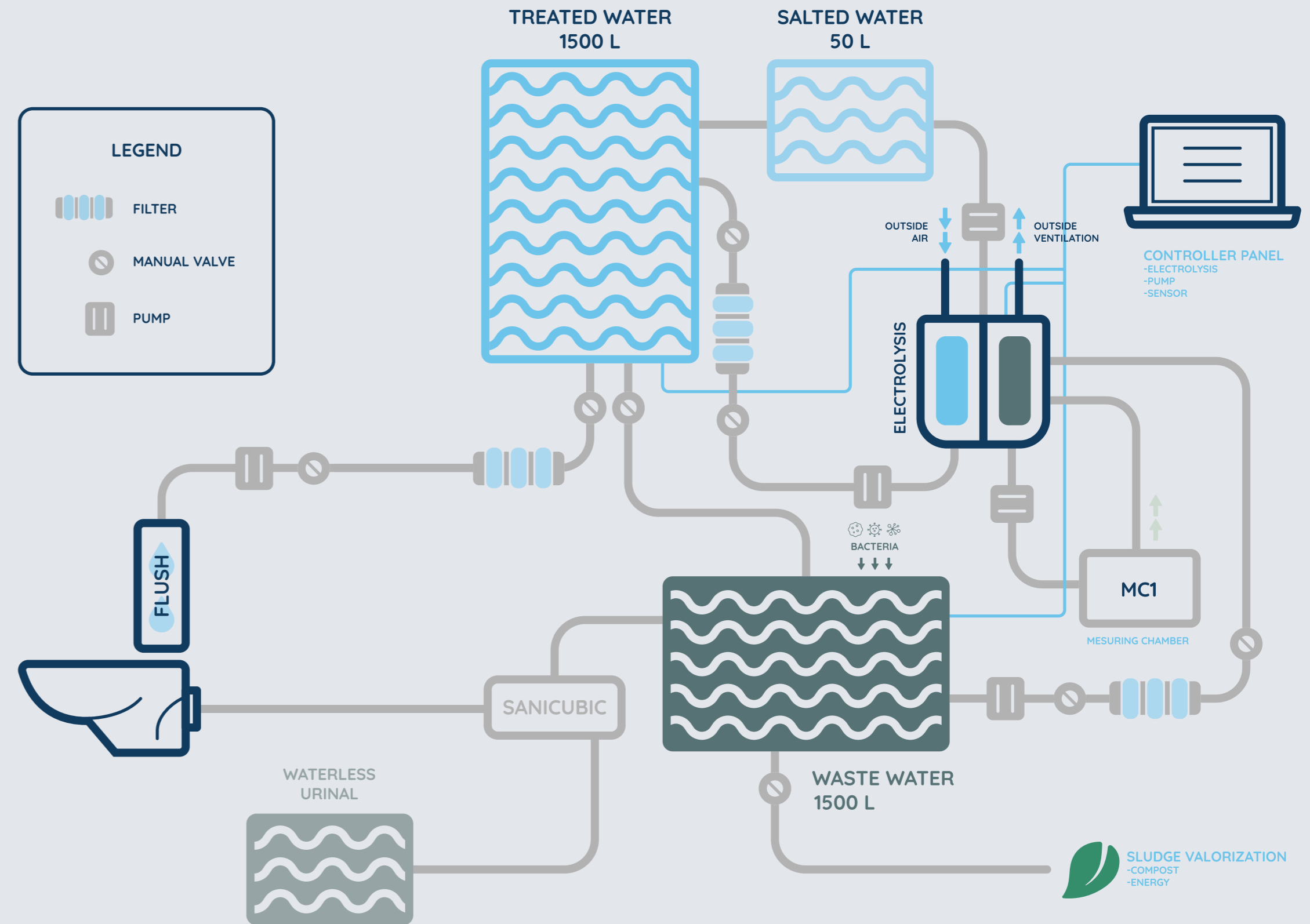
### CLEAN WATER AND FERTILIZER PRODUCTION

The purification stage can last from one to four hours depending on the number of users of the toilets.

The faecal sludge is reduced and also collected upon the frequentation. Our aim is to produce on site compost eventually.

The clean water is treated by passing through different filters (active carbon, nano-membrane). It cleans the water of all traces of bacteria. Purified water is then stocked to be re-used in the toilets for flushing. The surplus can be used to the water plants

**PUBLIC**



**TECHNICAL**

STAND-ALONE  
TECHNOLOGY

**P10**  
CONTAINER

**P20**  
CONTAINER

**G40**  
CONTAINER



SIZE

2 m<sup>2</sup>

7 m<sup>2</sup>

14 m<sup>2</sup>

30 m<sup>2</sup>



ATTENDANCE

**60~120**  
users / day

**~ 60**  
users / day

**~ 150**  
users / day

**~ 300**  
users / day



DRAINING

Once / 3 months

Once / 6 months

Once / 6 months

Once / 6 months



WeCo SAS  
127, avenue Anatole France  
94 600 Choisy-le-Roi  
France

Tel : +33 173 794 394  
contact@weco-toilet.com  
www.weco-toilet.com