

WC Sustainable

The idea of this Sustainable WC arises in an attempt to try to reduce the maximum amount of water wasted by all of us in our daily WC routine.

The system I propose consists of:

- 1º. Na Part Initial Of the system, all the water that is "wasted" During shower/bath é Forwarded to Two ReservoirS: Clean water reservoir and wastewater reservoir. The system has a valve with a thermometer, which will determine the course of the water:
 - a. While the water does not reach the 44°C (average temperature) the water is routed to the clean water reservoir;
 - b. As soon as the water reaches the 44°C The valve closes and the water will be routed to the residual water reservoir.
- 2º. All the water we use to wash our hands in the sink, goes to the wastewater reservoir.
- 3º. Finally, the flush is replenished by the wastewater reservoir. When the wastewater reservoir is completely smelling, the remaining water will be routed to the sanitation line.

In this way, we will not only be saving water With the reuse of this in the toilet, as we can enjoy water, with a good quality for watering, cleaning the house and even for consumption.

