

Weekly water consumption by division

Water is indispensable for many of the day-to-day household chores we perform such as washing clothes, washing dishes, taking a shower, washing the car, or even cooking our meals. Often we don't realize the real expense we are making and that it could be reduced with some effort.

The goal is for the consumer to have a more realistic view of the water consumption they generate in their home and to see where it can be reduced. So, this idea focuses on the awareness of each family against the expense of water made at home. To do this, a mechanism (like a water sensor) would be applied to each faucet to deduce the amount of water spent per use (this would have to include the faucets of the various machines (washing machine, dishwasher) and the garden).

This system would be associated with an app or even a digital panel included in the house, which would allow to verify to which site belonged to the greater percentage of water spent each day.

With the data recorded each day, it would be possible to have a week or even a monthly idea regarding expenses, in order to evaluate possible relationships between expenses, as well as to follow possible evolutions.

It is important to emphasize that the system should be implemented with the construction of new houses or their implementation in houses already built could become laborious since it would probably be necessary to work with the plumbing of the house.

This idea, although destined to Milton Keynes, could be applied to several cities, as is the case of Lisbon, in Portugal.

