

## SMART SOLUTIONS FOR WATER CONSERVATION



### ECOLOGICAL SHIFT

70% savings on hot water



### PROFITABILITY

Return on investment  
in 6 months



### POWERFUL USER EXPERIENCE



When I'm not home,  
I miss my HYDRAO



## SELF-POWERED AND EDUCATIONAL WATER MANAGEMENT SOLUTIONS TO MONITOR AND COMMUNICATE ABOUT YOUR ENVIRONMENTAL IMPACT

- Patented **SENSORS** : hydro-powered and connected
- 70% **SAVINGS** on water and energy
- Tools to **COMMUNICATE** about your savings and **CHANGE** behaviours

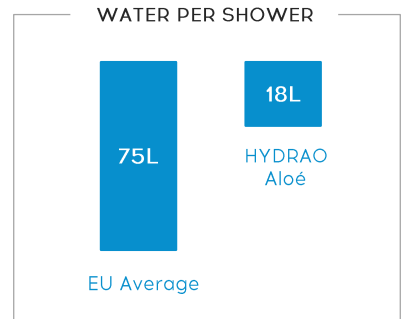


HYDRAO Showers drive:  
**-150€ SAVINGS**

Measured per person per year

An average shower in the EU is around 75L.  
HYDRAO Aloé monitored showers have an average of 18L

HYDRAO leverages on behavioural change and on its water efficient design to obtain these results.



0.42€ SAVINGS PER SHOWER



[...] providing real-time feedback has a large effect on water use [...]. The effect is stable over time. The technology used is easily scalable to larger groups, and highly cost effective.

Pr. Goette, in the study report.  
« Understanding resource conservation campaigns : Evidences from a field experiment »



HYDRAO provides real-time feedback on water usage through a colour code for helping users to manage their water and energy spending.



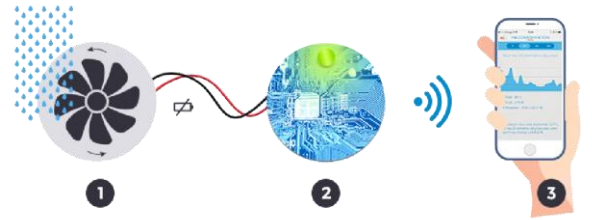
## OUR TECHNOLOGICAL EXPERTISE

Self-powered water management solutions

### BATTERY-LESS OPERATION

Patented system : smart and water-powered

1. Thanks to the water turbine, no battery needed!
2. HYDRAO lights change colors based on water usage
3. and connects with the app to sync data and monitor savings.



### MEASURE YOUR SAVINGS

Thanks to our sensors wireless connectivity and our app

### COMFORT AND WATER EFFICIENCY

Water-efficient design (6,6L/min) while maximising comfort (multi jet) and design innovation

Embarked electronics

Water-efficient diffuser with multi jet for optimized user experience

Energy-generating water turbine

Non-linear water flow valve

Comparing water flow vs pressure

Pressure (bar)	Standard Showerhead (L/min)	HYDRAO (L/min)
0	0	0
1	8	4
2	11	5.5
3	12.5	6
4	13.5	6.2
5	14.5	6.4

Aloé v 3.0

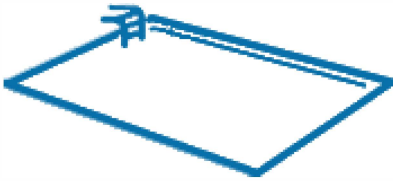
**HYDRAO**

Flow rate 6,6L/min



## OUR RESULTS

HYDRAO drove, in 2018, savings of:



x 200  
Or 500 000 m<sup>3</sup> of water



x 2900  
Or 2900t of CO<sub>2</sub>



x 1000  
Or 16 GWh of energy

## OUR SOLUTIONS



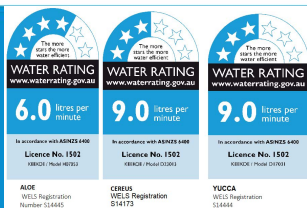
## OUR TEAM

Grenoble-based  
company  
founded in 2015



Today 14 people  
of whom half  
are engineers

You have a project?  
Contact us!



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