Date

Smart water

Fountain

# **Innovation**

# The concept consists of the installation of smart and autonomous fountains that ensure the continuous production of drinking water. This type of installation can meet the needs of a population of 10’000 people on the basis of a consumption of 20 liters per day per inhabitant.

# The use of this smart water fountain requires the use of the “eCashWater” app, downloadable from App Store and Google Play. Payment for water is carried out in partnership with a mobile operator.

# Consumers pay for drinking water via the partner mobile operator using the “eCashWater” app. After payment via the mobile operator, consumers receive a code on their mobile that allows them to draw from the fountain the amount of water purchased.

# Smart fountains are equipped with an integrated dedicated server that monitors the quantities of drinking water produced and sold.

### ***Technology used to solve the problem:***

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### Countries can use various nanotechnology-based water purification systems as cost-effective, efficient solutions to provide water for those who need it. Nanotechnology can remove contaminants in water efficiently to increase the availability of water.

### Smart water technology brings transparency and improved control to the whole water supply chain, from freshwater reservoirs to wastewater collecting and recycling. By allowing a better management of the production, distribution and consumption of water and enabling smart water treatment practices, the IoT is widely contributing to preserving our scarce resources. Over the years, Saft has become the go-to brand to power multi-technology meters for the water industries.

### **Innovation solutions:**

### 1.Iot solution of water.

### An IoT smart water meter tracks the quality, pressure, and consumed quantity of water in a household or industry. An IoT smart water sensor can be used to track the flow of water across the entire plant and over the distribution channels. Helping in leakage detection, to reduce water wastage.

### 2.Smart Water Solution.

### Smart water refers to a movement in the water industry involving emerging technology that includes hardware, software, and analytics to help water water and wastewater utilities target solve problems through automation, data gathering and data analysis.

### 3.Solve The Water Problems.

### Desolenator. The Desolenator is a technology that is working to help solve the water crisis through a process known as solar desalination. Solar desalination offers a promising way to generate freshwater from the vast amount of seawater that is available on our planet.

### 4.Solve India Water Crisis.

### Water Seer. A water seer is as good as a device that produces water from thin air! …

### Low-Cost Water Filtration. …

### Water Wheel. …

### Digitization of water supply.

### 5.Solve Water Problem In Society.

### Sustainable water management. Improving water infrastructure must be a priority, as water conservation and efficiency are key components of sustainable water management. …

### Reclaimed water. …

### Pollution control & better sewage treatment. …

### Awareness & Education.