



clean earth, safe life

# Greenvironment

Innovation and Marketing India (P) Ltd

**Smart Water & Wastewater Management Company**

# Smart Water & Wastewater Management Company

## VISION

Safe, Sustainable and Clean Earth

## MISSION

To provide cost effective water & environmental technologies for buildings / communities



Graduated at IIT  
Madras  
Incubation Cell



Member of Indian  
Green Building  
Council



Incubatee of Social  
Alpha  
(TATA Trust)



Part of IIT Madras  
Research Park  
companies



Part of IKP  
Knowledge Park  
companies



Recognised by  
DIPP's Start-up  
India - DIPP242

# Problem



Increasing cost & **non-availability** of potable water for buildings / communities to meet their daily needs



Sub-optimal performance of water & wastewater treatment plants leading high operating cost

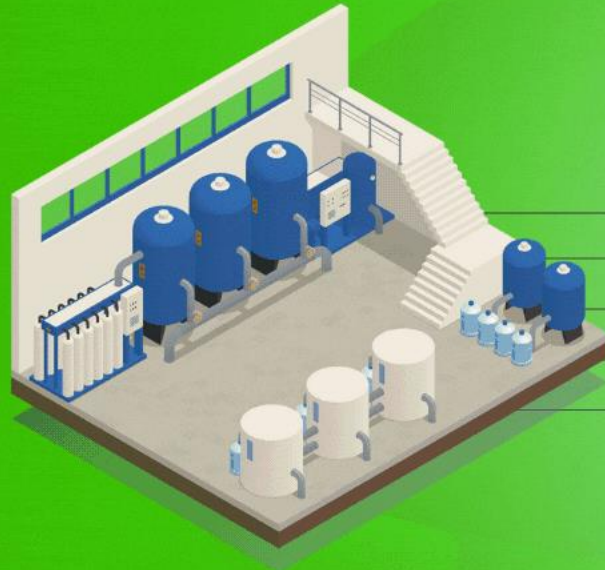


Lack of reliable data to take decisions for customers on their water infrastructure management

# Solution



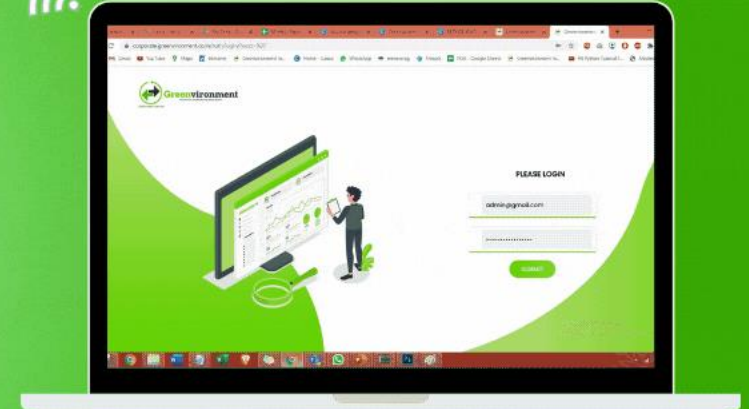
**Real Time Monitoring System (IoT Hardware) with WaterAnalytics Web & Mobile Platform (Software)**



**WATER & WASTEWATER TREATMENT PLANT**



**RTM SYSTEM**



**RTM WATERANALYTICS DASHBOARD**

# Social Impact

We focus towards achieving Sustainable Development Goals (SDG)



# How It Works



# Product – IoT Hardware

## RTM SmartINFI



One device connected to multiple water quality, flow, level, energy & pressure monitoring sensors



Plug and play system with simple sensor connection ports and very easy for deployment indoor/outdoor



RTM device holds a process patent for providing correlated biological water quality parameters



Inbuilt IoT based data logging setup for connectivity through cellular 2G/4G networks, WIFI or Ethernet

# Product – AI Based Analytics Platform



## WaterAnalytics

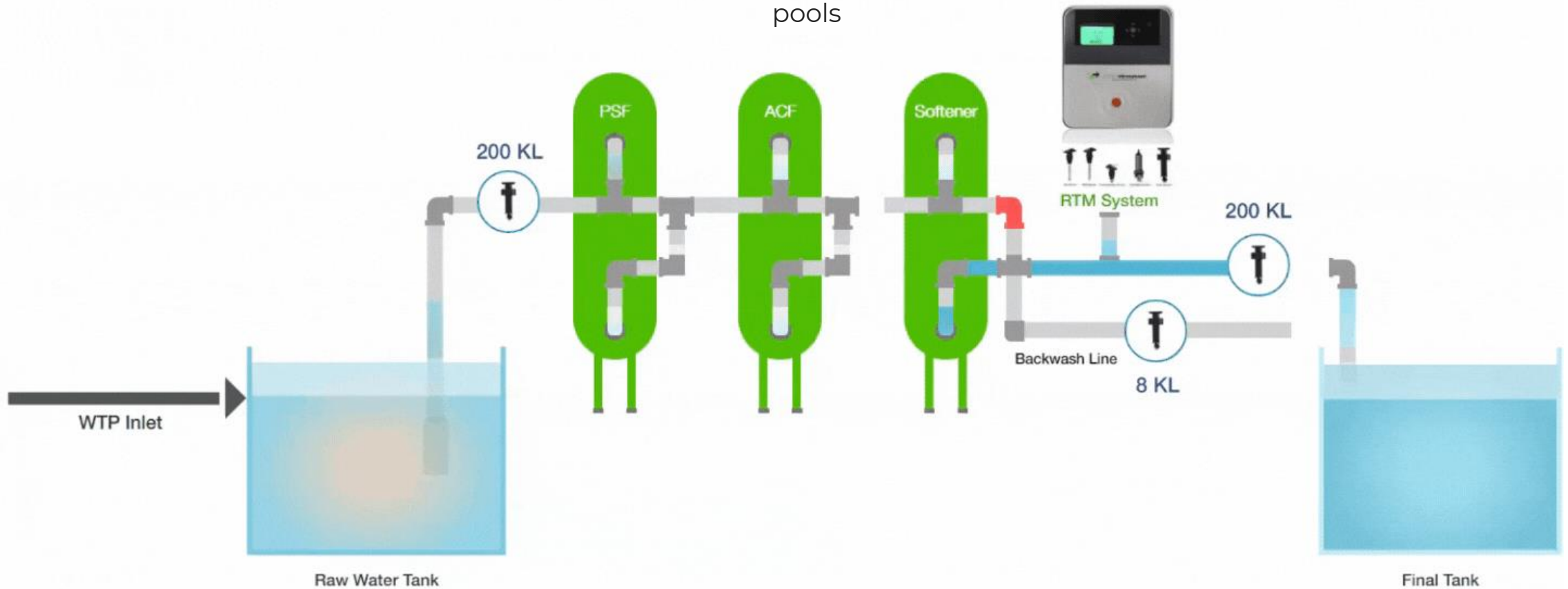
- **Analytics Platform**  
Minute By Minute RTM Dashboard Showing Quality/Quantity Parameters
- **AI Based Real Time Alerts**  
Get real-time alerts & notifications on your mobile 24/7, when the parameter mismatches the requirement
- **24/7 Monitoring**  
Your premises is now at no more water risks with Greenenvironment's Real-Time Monitoring System (RTM)



# Use Cases

## Fresh Water Management

Water supply/distribution, Water treatment plants, Water usage monitoring & leak detection, Swimming pools



# Use Cases

## Recycled Water Management

Sewage/ Effluent treatment plants, Reuse water usage monitoring & leak detection, Cooling towers



# Value Proposition



**Reduced consumption (and hence cost) of fresh water**



**Equipment life cycle support**



**Reduction in skilled manpower**



**Reliable data to take decisions on water management**



**Energy Savings**

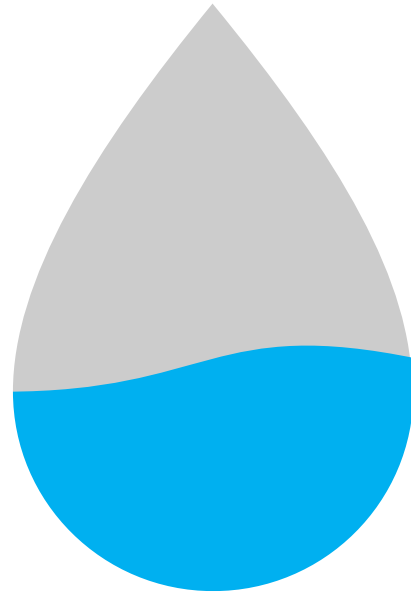


**Ability to reduce cost of anti pollution compliances**

# Global Smart Water Management (SWM) Market Size

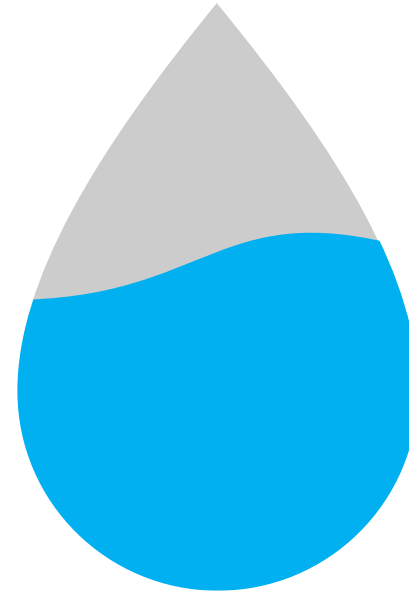
**\$ 11.7 B**

as on 2019



**\$ 21.9 B**

expected by 2024 (at CAGR of 12.9%)



# Composition Of Smart Water Management (SWM) Market

## MAJOR MARKET SEGMENTS

- Automatic Meter Reading (AMR)
- Advanced Metering Infrastructures (AMI) Meters
- Customer Information System (CIS) and Billing

**Water Meters**



- Asset Condition Monitoring
- Predictive Maintenance
- Analytics & Data Management
- Supervisory Control and Data Acquisition (SCADA)
- Leak Detection

**Solutions**

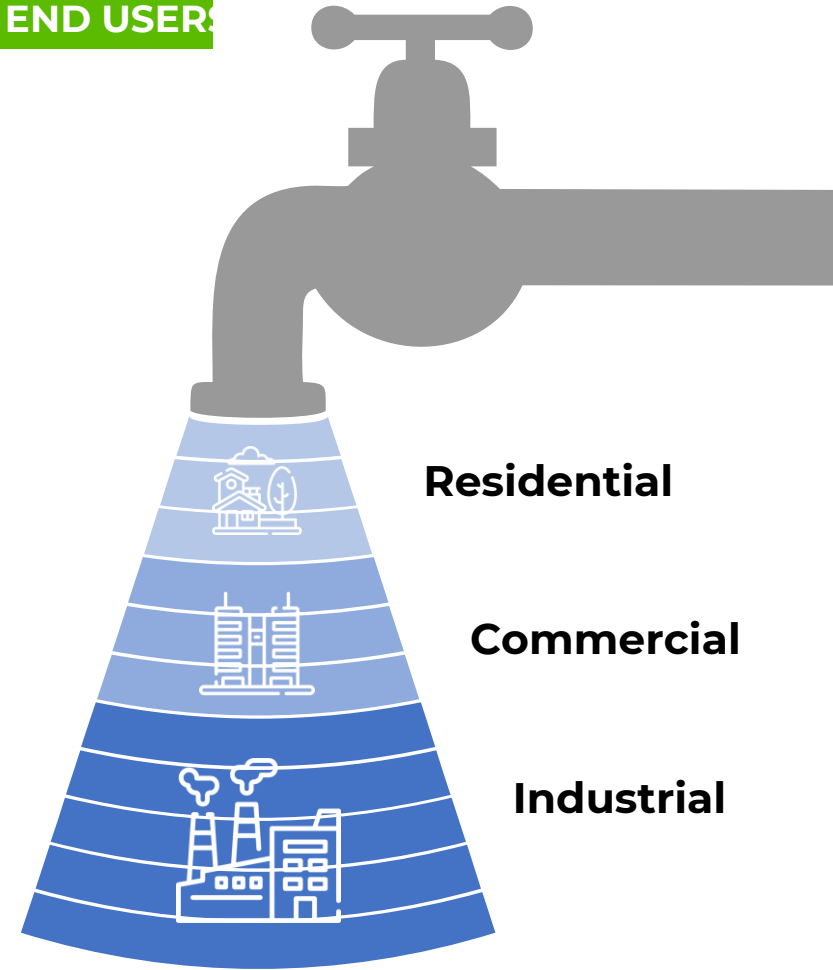


- Deployment and Integration
- Consulting
- Support and Maintenance
- Managed Services

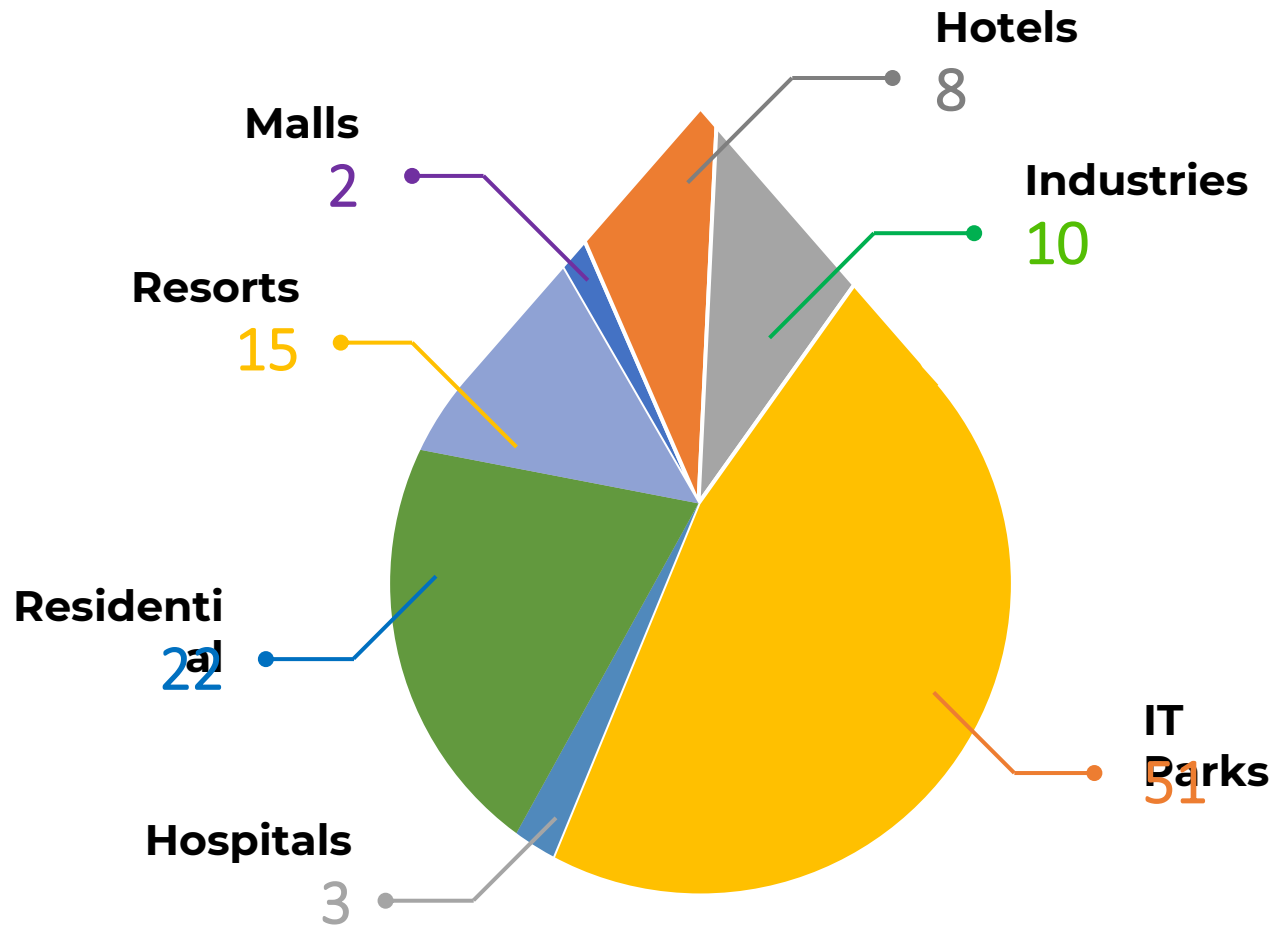
**Services**



## END USERS



# Traction



103 customers in India



3 partners/associates in India



2 International partners in Qatar & South Africa

# Few of Our Esteemed Clients

## RESIDENTIAL



## IT PARKS



## HOTELS &



## GOVERNMENT



## INDUSTRIES



## HOSPITALS



# Our Team



**VARUN SRIDHARAN**

Founder & CEO



**BHAGYASHREE RATH**

Operations



**ARUN PRASAD**

Sales



**ESTHER MARY**

Technology



# The Smart Water Managers



## **CHENNAI OFFICE** (Registered)

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