droople

We give people and businesses worldwide tools and insights to improve the way they use water to ensure a sustainable future.

Make every drop count

Ramzi Bouzerda,
CEO & Founder of Droople

Droople empowers its clients with actionable insights through its Water Intelligence platform to reduce OPEX and preserve our precious resource.

- Founded in 2018
- Switzerland **SWISS MADE**
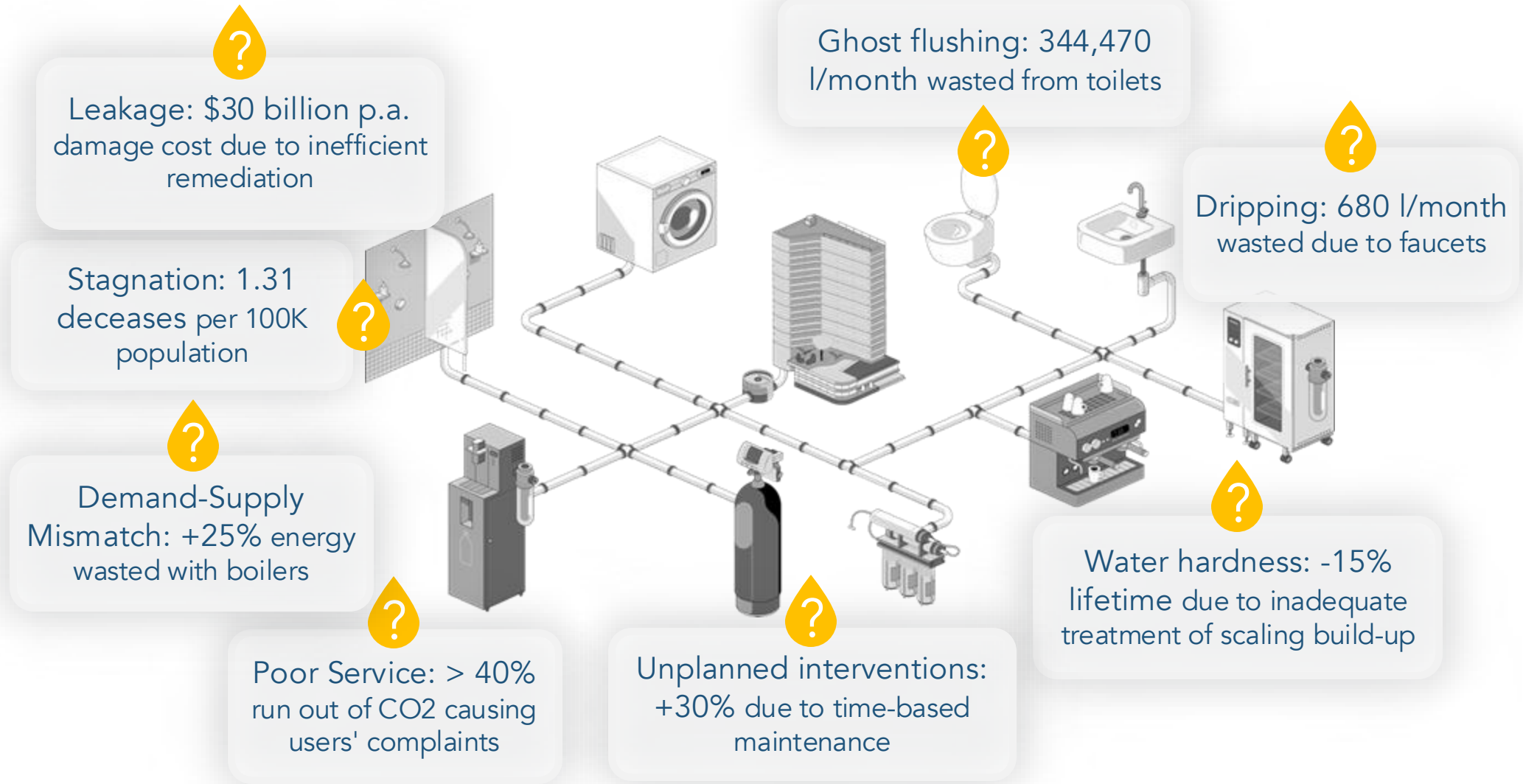- 120+ clients
- 200M+ liters monitored
- Serving on 4 continents
- 18 awards

SOLARIMPULSE EFFICIENT SOLUTION LABEL

Certified B Corporation

WATER BLINDNESS HAS A SYSTEMIC IMPACT ON ASSETS

Leakage: $30 billion p.a. damage cost due to inefficient remediation

Stagnation: 1.31 deceases per 100K population

Demand-Supply Mismatch: +25% energy wasted with boilers

Ghost flushing: 344,470 l/month wasted from toilets

Dripping: 680 l/month wasted due to faucets

Water hardness: -15% lifetime due to inadequate treatment of scaling build-up

Poor Service: > 40% run out of CO_2 causing users' complaints

Unplanned interventions: +30% due to time-based maintenance
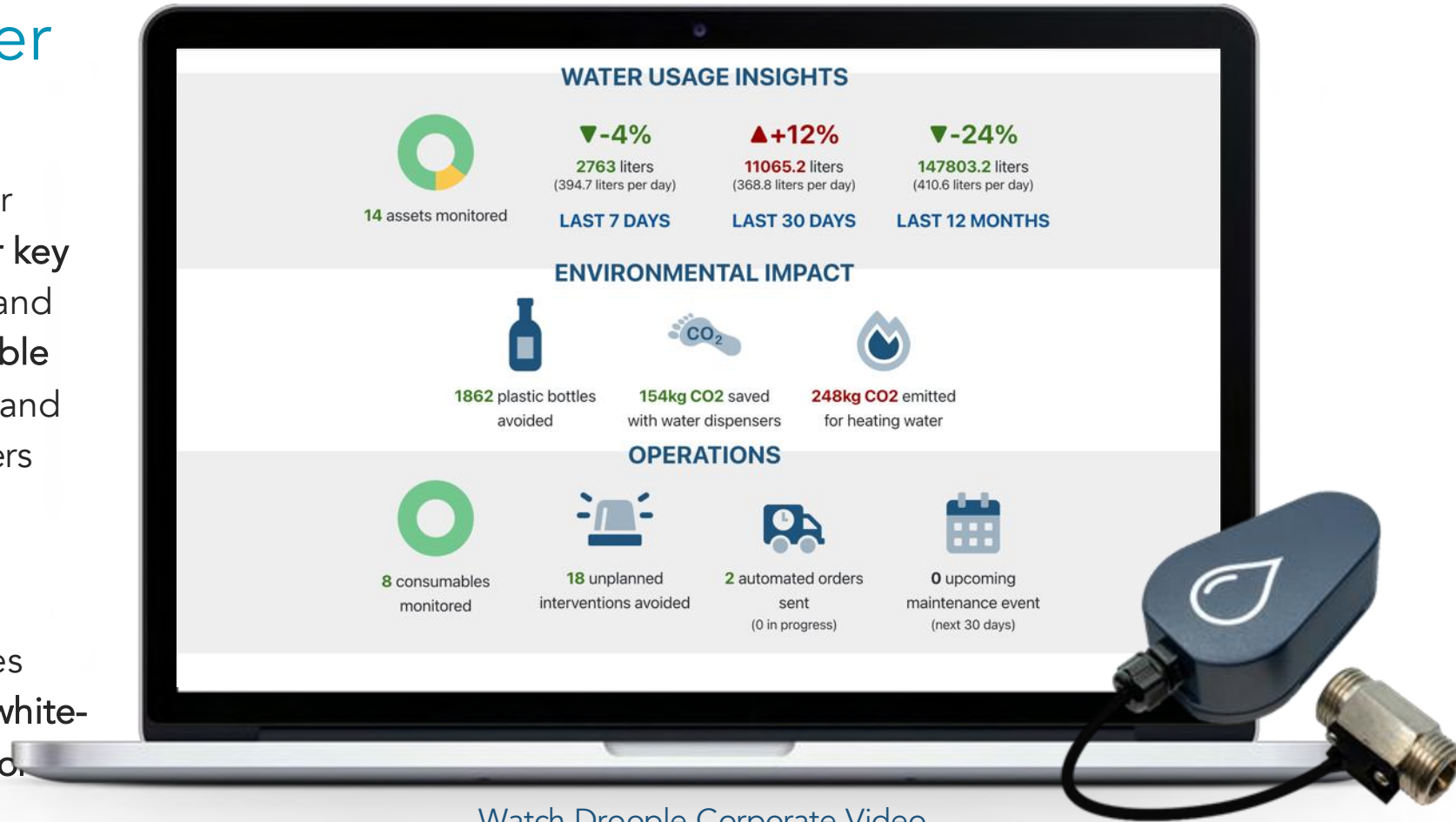
LIMITED, MANUAL & EXPENSIVE DATA HANDLING HINDER DECISION-MAKING.

Your Control Tower

# Enabling predictive business service by turning water assets smart

Droople digitizes and manages any water assets on the last-mile by measuring **four key water parameters** (flow, temp., pressure and conductivity) to unlock real-time, **actionable insights** on usage, **environmental impact** and **operational efficiencies**. Our solution offers advanced **anomaly detection** alongside **automated consumable replenishment**, including a **digital maintenance book** for streamlined management. It also provides **comprehensive reporting**, customizable **white-labeling options**, and preventive **alarms for timely interventions**.

WATER USAGE INSIGHTS

14 assets monitored

▼-4%
2763 liters
(394.7 liters per day)
LAST 7 DAYS

▲+12%
11065.2 liters
(368.8 liters per day)
LAST 30 DAYS

▼-24%
147803.2 liters
(410.6 liters per day)
LAST 12 MONTHS

ENVIRONMENTAL IMPACT

1862 plastic bottles avoided

154kg CO2 saved with water dispensers

248kg CO2 emitted for heating water

OPERATIONS

8 consumables monitored

18 unplanned interventions avoided

2 automated orders sent (0 in progress)

0 upcoming maintenance event (next 30 days)

Watch Droople Corporate Video

These two unmatched features solve most of the pains in the water fountains market.
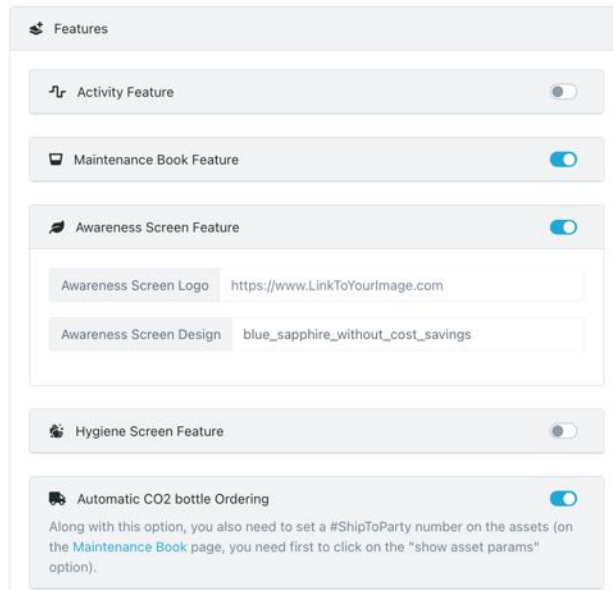
Streamlined automated CO2 replenishment, resolving significant supply chain challenges with ERP integration with major suppliers.

Engage with communities as any refilling end-user can access **live** to the sustainable impact of the water fountain, via this QR-code.

Product

One data point, many purposes.

fountainOS by droople

Measure Pressure, temp., flow rate, volume of output, water hardness **reduces unplanned interventions** with the digital maintenance book.

evercleanOS by droople

Translate water usage into affluence insights to **optimize restroom cleaning schedules** with *25% savings in OPEX and water waste in* malls, airports.

evercleanOS by droople

Monitoring water stagnation based on idle time, flow, and temperature **helps prevent shutdowns** of hospitals, schools, and fitness centers.

ENABLE A 360° VIEW & CONTROL OF WATER USAGE

Pay-per-use billing
instead of surface-based billing saves 20% overall

Leakage is localized
toilet 15 at 2nd floor is leaking at 3.2 l/min

Hands hygiene: 8/10
Community has better hygiene & conservation habits over last 24h

Health Risk
Water stagnation detected, Flush Shower at Room 13

Energy Optimization
Boiler can be turned off for next hour to save energy

Hardness level: High
your boiler is losing 20% of its performance.
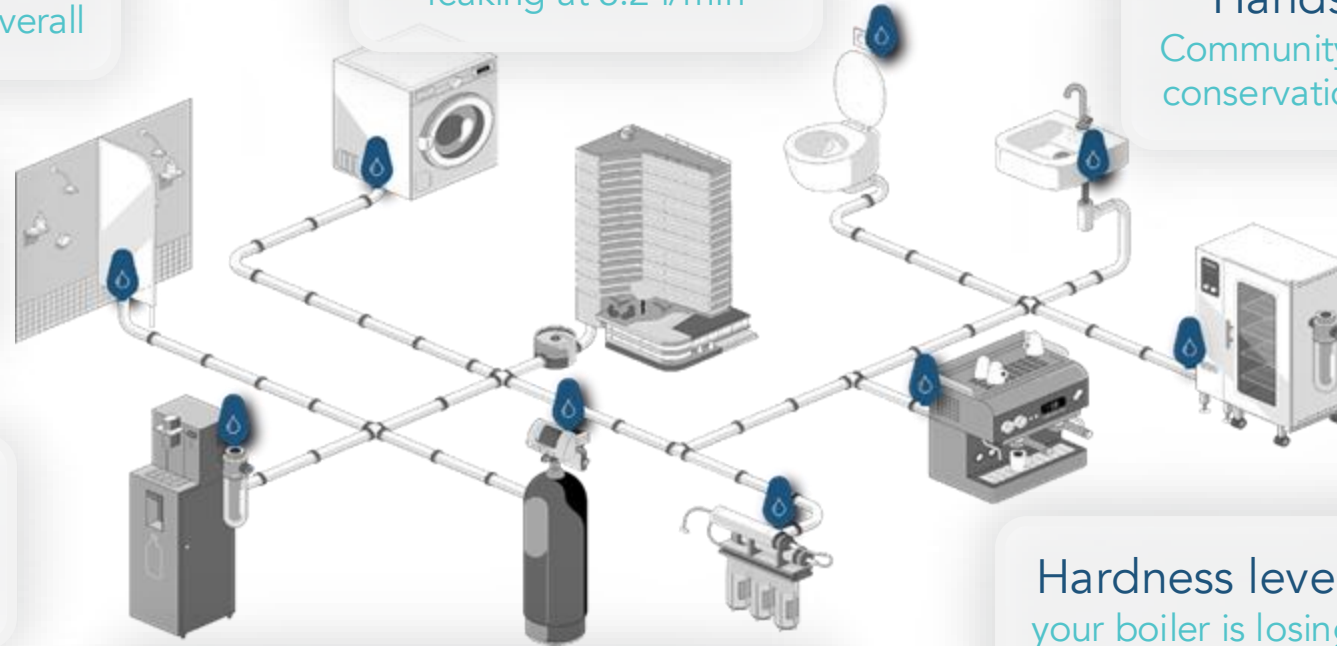
Refill
your CO2 cannister has 10% capacity left, another one has been ordered

UNLOCK WATER DATA ANALYSIS TO ENABLE DECISION-MAKING AT SCALE.

MANAGE ALL YOUR SYSTEMS, WHEREVER, WHENEVER.

Food & Beverage

CO2 canisters
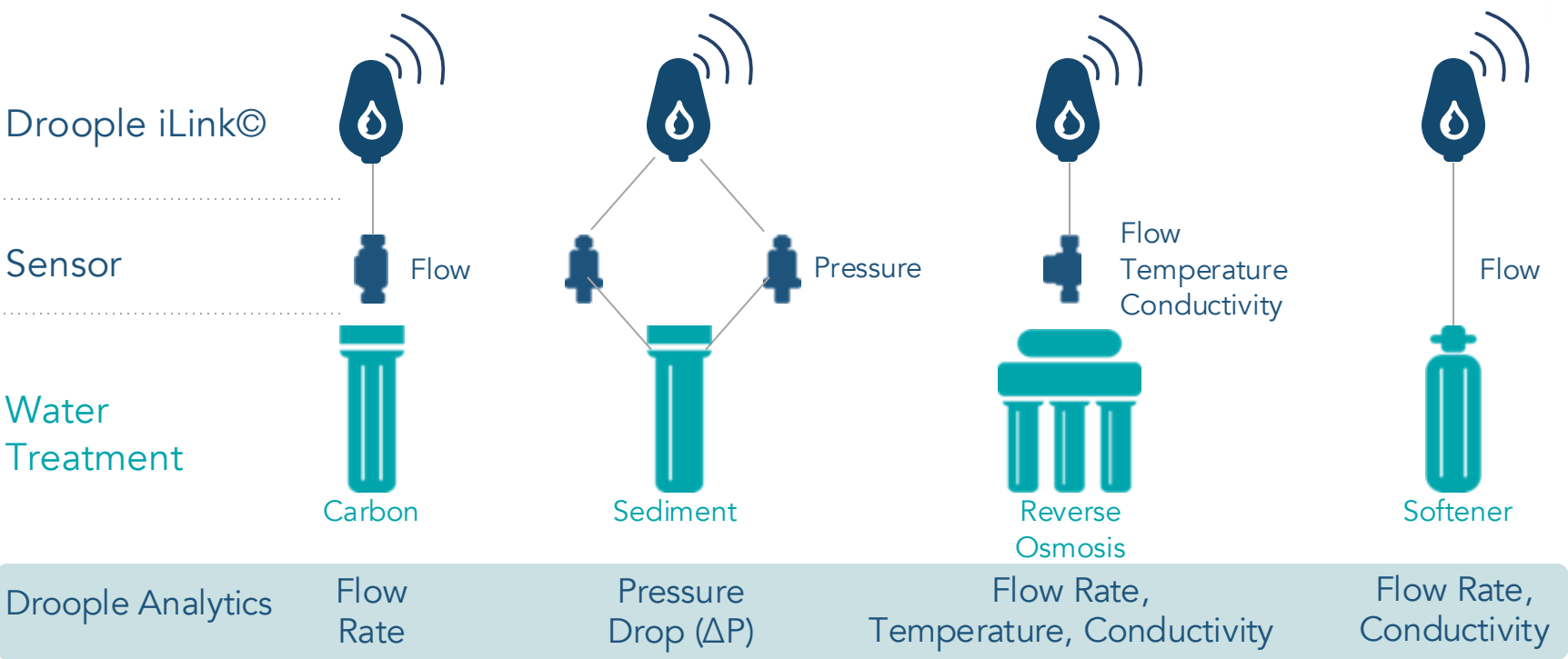
Back-room filtration

Food Equipment

Beverage Dispensers

Point-of-Use Filtration
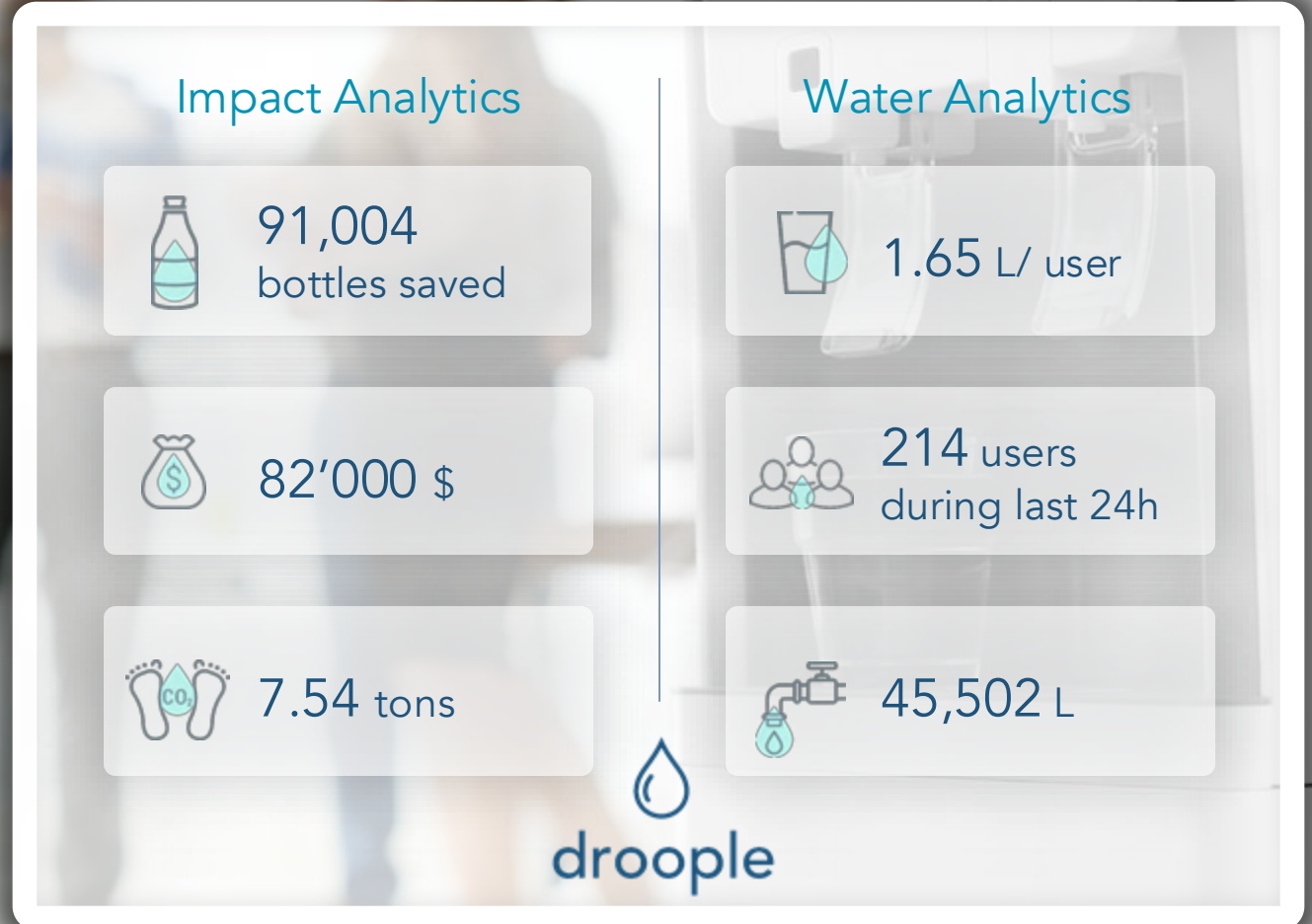
SAME TECHNOLOGY FOR MANY FILTRATION SYSTEMS

Droople iLink©

Sensor

Flow — Carbon

Pressure — Sediment

Flow
Temperature
Conductivity — Reverse Osmosis

Flow — Softener

Water Treatment

Carbon

Sediment

Reverse Osmosis

Softener

Droople Analytics

Flow Rate	Pressure Drop (ΔP)	Flow Rate, Temperature, Conductivity	Flow Rate, Conductivity
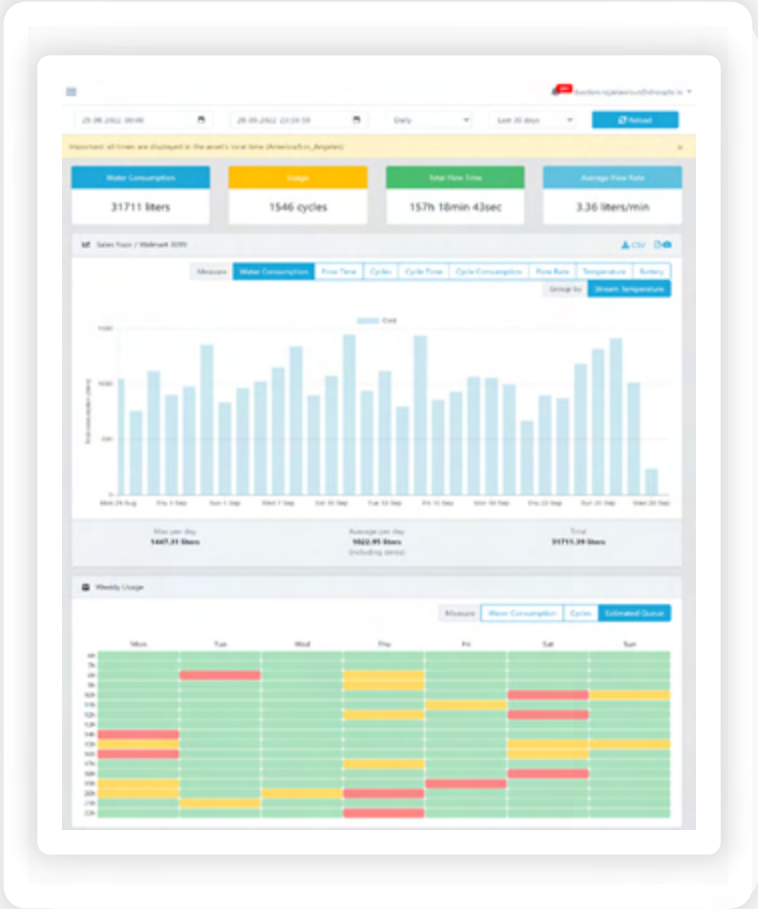
FOUNTAINOS OFFERING

Remotely monitor & control your fleet of water dispensers & water treatment systems

- ✓ Measure water flow, temperature, quality and usage

- ✓ Monitor water stagnation to prevent legionella risk

- ✓ Predict service maintenance with an uptime of 99.99%

- ✓ Forecast replacements of filters, softeners and reverse osmosis systems with 24/7 notifications

- ✓ Automated procurement of CO2 bottles

- ✓ Maximize lifetime of water filtration systems

- ✓ New business models with usage-based maintenance

Promote sustainable hydration

✓ Raise environmental awareness

✓ Sustainably hydrated employees are more productive

✓ Optimized uptime with automated replenishment (filter & CO2 bottle)

✓ GRI and GRESB compatible water and impact data for ESG reporting (BREEAM, WELL, LEED)

Impact Analytics

91,004 bottles saved

82'000 $

7.54 tons

Water Analytics

1.65 L/ user

214 users during last 24h

45,502 L

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Why Droople?

Finally control water for a better quality of service.

Stop & Shop Experience

Complete solution from sensor to platform

Retrofit Installation

Upgrade your existing installations, connect any point

Plug & Play

From installation to data in 15 minutes

Data Analysis

Get notified on anomalies, define thresholds, plan your interventions

Automated Procurement

Integrated consumable management for optimized replenishment

Digital Maintenance Book

Plan your interventions based on usage-based conditions

They trust us. Join the community.

Walmart

REFRESHING USA

Fontaineo
SOURCE DE PLAISIR POUR TOUS

BLUETRITON

REFRESHING USA

Bringing pay per use water fountains in Walmart

Location: California, United States
Sensors: Flow Sensor
Extent: 20 connected fountains, rollout of 300 Walmart to come

Refreshing USA is equipping every single Walmart in the US to introduce filtered water as a service.

Thanks to our solution they are able to manage their fleet digitally and enable a compliant billing service between all parties.

Alarms enabled the operating team to avoid unplanned interventions across the dispersed fleet all over California.

Walmart

REFRESHING USA

ELDORA

Assess water footprint across food production.

Location: Cartier Facilities, 2 sites
Sensors: Smart Flow Twin Sensors
Scope: Tunnel dishwasher, Hood-type dishwasher and dishwashing

Eldora has equipped Tunnel dishwasher, Hood-type dishwasher and dishwashing to assess its water impact during its business activities.

Laurent Pin, Head of Sustainability, said: "Thanks to Droople's solutions, we were able to conduct some interesting analyses on water consumption.

- were able to determine the amount of water used for cleaning reusable cups: 13 cl/cup.

- identified practices and consumptions like defrosting with hot water.

- identified excessive water use during certain times of the day, particularly at the end of service.

Your system is over the top !"

City of Geneva – Public Water Fountain

Sustainable Hydration

Fontaineo (Manufacturer) and the City of Geneva (SIG) collaborated to launch a campaign to beat the heat wave and reduce demand for single-use bottled water. This installation marks Switzerland's first public fountain providing still & sparkling water, 90% of which comes from the lake.

Sustainability Impact

- 91,004 bottles
- 82'000 $
- 7.54 kg CO_2

Water Consumption

- 1.65 L/ user
- 214 users last 24
- 45,502 L

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USER BEHAVIOUR

DATE
Wednesday and Friday between 12pm – 3pm is busiest time

61%
PREFERRED SPARKLING WATER
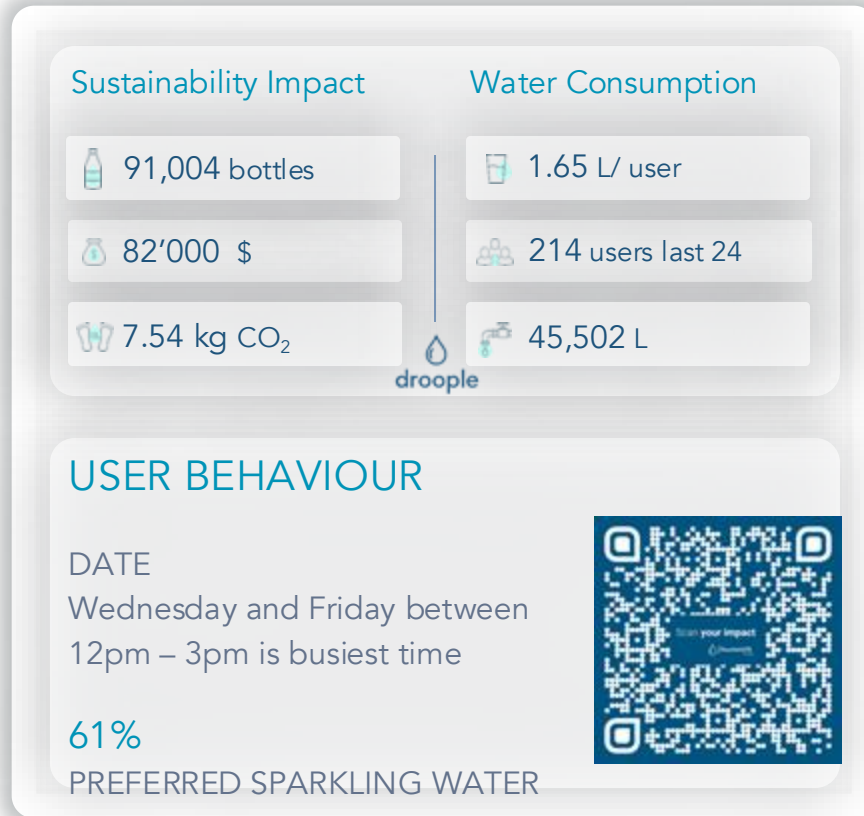
SOLUTION:

ASSETS: ONE DISPENSER WITH UV LAMP, FILTRATION UNITS & 2 CO2 BOTTLES

SITES: PONT DE LA MACHINE – GENEVA

VALUE-ADD:
- ✓ Real-time alerts & predictive maintenance
- ✓ Ensure top water quality
- ✓ Automated procurement and correct sizing of CO2 canisters
- ✓ Ecological, environmental and economic impact insights in real time

ROI of 140% in less than a year

- ✓ Refill salt on a timely manner based on actual conditions

- ✓ Protect your piping system & equipment's

- ✓ Reduce unplanned intervention

- ✓ Without cutting a pipe nor downtime

TESTIMONIALS FROM LEADERS AND CLIENTS
WHY INDUSTRY EXPERTS & SUSTAINABILITY ADVOCATES TRUST DROOPLE

"Droople's solution eliminates unnecessary inspections, enabling all-remote monitoring and optimizing logistics for office solutions without service interruptions.

Tobias Wiebe
CEO

"Droople's kit installation was seamless, almost plug-and-play. "The data were immediately collected and visible on the platform.

John Kyle
Director of
Contracts

"Thanks to the data insights gained from Droople's solutions, the return on investment (ROI) is less than a year, allowing for swift reactions or corrections.

Bertrand Piccard,
Climate Influencer

"Droople has helped us gain valuable insight into the performance of our machine park, and being able to share that data with our customers is a powerful tool.

James Lavelle
CEO

"The data exchange with Droople 's platform has seamlessly integrated this new feature. We're exploring integrating automated gas procurement.

Tobias Rapp
Director

COMPLETE SOLUTION TO MANAGE YOUR ASSETS

Sensors – install on any water point
flow I temperature I pressure I conductivity

iLink – captures the data provided by sensor(s)
battery powered I lasts over 5 years I 10' sample rate

Gateway – connects all droople to the platform
4G I Wi-Fi I Ethernet or rely on your own LoRaWAN
network

Water Intelligence Platform – where the magic appears
analytics in real time I cycle I flow rate I alarms

PRICING SCHEME & ONBOARDING PROCESS

Hardware

DROOPLE DEVICE One-off purchase from GBP 110
Our droople devices are always composed of one iLink and (1 or 2) sensors depending on asset type

Gateway

CONNECTVITY IN YOUR ASSET
One-off purchase from GBP 80 or 180

Connects to 100 smart sensors
Over 100m radius range for one home or one floor

Software

DROOPLE APP GBP 80 / year / asset
Annual fee per iLink purchased, unlimited number of users. Starts upon payment with 3 months free included for the 1st year.

Process

YOUR JOURNEY STARTS HERE

Production : 4-6 weeks
Payment : upfront for the hardware purchase & software.

Grand Prize Switzerland Innovation 2020

Winner of IoT Plug & Play Japan 2021

Finalist of Hitachi Challenge 2022

Aquatech Innovation Award 2023

Aqua Biodiversity Award 2024

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Connecting you to the Internet of Water

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