

SPECIAL REPORT — AI IN WATER

The Top 10 AI Products Reshaping Water Utilities

From leak detection to wastewater intelligence — the platforms, products, and companies driving AI adoption across the global water sector

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Artificial intelligence has moved from pilot project to procurement line item across the water sector. Utilities managing tens of thousands of miles of buried pipe, wastewater networks serving entire regions, and commercial buildings carrying six-figure flood-damage exposure are now buying — not merely trialling — machine-learning tools for leak detection, network optimisation and predictive maintenance. Analyst DataM Intelligence puts the global AI-in-water-management market at \$7.54 billion in 2024, growing to a projected \$53.85 billion by 2032, a compound annual growth rate of roughly 27.85%.

That growth is playing out on two tracks at once. Established industrial conglomerates — Xylem, Siemens, SUEZ, Veolia, Badger Meter — are embedding AI into the SCADA, GIS and metering software utilities already run, either through in-house development or acquisition. Alongside them, a wave of venture-backed, AI-native challengers is selling standalone intelligence layers that plug into existing infrastructure. This report profiles ten products and the companies behind them, chosen to illustrate both tracks as they stood in September 2026.

"We've got these major problems, but I'm optimistic that this fourth industrial revolution called the New Economy of AI could be a tipping point to help us transition to a more water-secure world."

— Matthew Pine, President & CEO, Xylem, interview with Engineering News-Record, March 2026

Figure 1: Market Momentum — AI in Water, by the Numbers

Global market sizing and the scope of companies screened for this report

\$7.54BGLOBAL AI-IN-WATER
MARKET, 2024**\$53.85B**PROJECTED MARKET SIZE,
2032**27.85%**PROJECTED CAGR, 2025–
2032**20+**AI WATER PRODUCTS
SCREENED FOR THIS
REPORT

Sources: DataM Intelligence, "AI in Water Management Market Forecast," 2026 · TheWaterNetwork.com / AquaSPE research, September 2026

How this list was built

This report is based on a review of publicly available product literature, funding announcements, utility case studies and sector press — including exhibitor listings from the 2026 World Water-Tech Innovation Summit and Tracxn's tracker of AI startups in water and wastewater management — covering more than twenty companies active in AI-driven leak detection, network monitoring, wastewater intelligence, digital twins and metering analytics. The ten profiled here were selected to balance *scale* (deployment footprint, parent-company resources) against *momentum* (recent funding, product launches, new utility partnerships). The ranking is illustrative rather than a scored index; inclusion is not an endorsement, and several credible products — Wint's competitors among them — were left off a necessarily short list. See the disclaimer on the final page.

Figure 2: The Top 10 at a Glance

Ranked by a blend of deployment scale and 2025–2026 momentum

#	Company / Product	Category	Headquarters	Key fact
1	Xylem / Xylem Vue	Digital water platform — leak detection, digital twin, decision intelligence	Washington, DC area, US	Richmond, VA deployment cut combined sewer overflows by 180M gallons/yr and avoided an estimated \$725M in capital costs
2	SUEZ AQUADVANCED / Veolia Hubgrade	Utility-scale AI network & plant management suites	Paris, France	Real-time AI-assisted control deployed across drinking water, wastewater and industrial "hub" operations for two of the largest water operators worldwide
3	Siemens BuntBrain (ex-BuntPlanet)	AI + hydraulic-model leak detection, digital twin	San Sebastián, Spain (Siemens HQ: Munich)	Acquired by Siemens, Dec. 2023; SIWA LeakPlus detects leaks as small as 0.25 L/s
4	Badger Meter BEACON AMA	Advanced metering analytics — AI-flagged leaks & consumption anomalies	Milwaukee, WI, US	SaaS analytics layer sold across Badger's large installed base of AMI/AMR meters
5	Fracta	ML-based pipe condition & failure-risk assessment	Mountain View, CA, US	Managed partnership with SUEZ North America; joint venture "Fracta Leap" with Kurita Water Industries (Japan, 2020)

#	Company / Product	Category	Headquarters	Key fact
6	Aquasight	AI "smart water data factory" — operations, compliance, capital planning	Troy, MI, US	Founded 2015; 100+ utility deployments reported, expanding into Canada & South America (2025)
7	WINT Water Intelligence	Real-time AI leak detection for commercial & industrial buildings	Israel (~100 staff); commercial HQ New York, NY	\$36M Series D (2026); 2025 impact: 1.15B gallons saved, \$100M+ damage prevented across 1,300+ incidents
8	Kando	ML + generative-AI wastewater-quality intelligence	Tel Aviv, Israel	\$30M total raised; most recent \$10M round closed October 2024
9	EFAS Technologies / GAILL	AI leak-location analytics using existing GIS/pressure/flow data	United States	"Global AI Leak Locator" targets non-revenue water reduction without new hardware; Esri partner
10	Pluvion / WATER+	AI-powered extraneous-water detection for sewer networks	Freiburg, Germany	€1M raised Oct. 2024; flowless, "app-store" style deployment model

Sources: company websites and press releases; Siemens Press (Dec. 2023); PR Newswire (Sept. 2026, Oct. 2024); Xylem case studies; EU-Startups (Oct. 2024); Aquasight company profile - TheWaterNetwork.com / AquaSPE 2026

Figure 2: All facts reflect publicly disclosed information as of September 2026. Funding figures are as announced; several are not comprehensively disclosed (see Figure 3).

Established players embedding AI at scale

Xylem Vue — built on technology from Xylem's 2023 partnership with Idrica, Xylem Vue is positioned as a vendor-agnostic digital water platform spanning leak detection, digital twins and "decision intelligence" applications. Its most-cited case study, the City of Richmond, Virginia, reports a reduction of 180 million gallons of combined sewer overflow per year and roughly \$725 million in avoided capital spending. Xylem CEO Matthew Pine has framed AI adoption as central to the company's strategy going into 2026.

SUEZ AQUADVANCED & Veolia Hubgrade — the world's two largest water and waste operators have each built AI-assisted control-room suites: SUEZ's AQUADVANCED spans network and treatment-plant optimisation, while Veolia's Hubgrade platform (including a "Water Footprint" module) applies AI to resource and consumption management for cities and industrial clients. Both are sold primarily as part of broader operations-and-maintenance contracts rather than as standalone software.

Siemens BuntBrain — Siemens acquired Spanish AI-water specialist BuntPlanet in December 2023, folding its BuntBrain platform into Siemens' industrial AI portfolio. The software combines machine learning with hydraulic modelling to locate leaks as small as 0.25 litres per second; Swedish utility VA Syd is a cited deployment of the SIWA LeakPlus application built on the acquired technology.

Badger Meter BEACON AMA — rather than selling a separate AI product, Badger Meter bundles AI-flagged leak and consumption-anomaly detection into BEACON, its advanced metering analytics SaaS layer sold alongside its metering hardware — illustrating how incumbents are increasingly shipping AI as a feature of the installed base rather than a discrete purchase.

AI-native challengers gaining ground

Fracta — the Mountain View, California-based company applies machine learning to predict water-main failure risk and prioritise pipe replacement, working from utility GIS and asset data rather than new sensors. SUEZ North America runs a managed partnership integrating Fracta's risk scoring into its pipe asset-management programmes, and Japan's Kurita Water Industries formed a dedicated joint venture, Fracta Leap, in 2020 to bring the technology to the Japanese market.

Aquasight — founded in 2015 and based in Troy, Michigan, Aquasight describes itself as a "smart water data factory," turning existing SCADA and operational data into real-time insight across energy and chemical use, water quality, compliance and capital planning. The company reports more than 100 utility deployments as of 2022 and says it is expanding into Canada and South America as of 2025.

WINT Water Intelligence — founded in Israel (roughly 100 staff, about 70 of them in Israel) with commercial headquarters in New York, WINT sells real-time, AI-driven leak and water-use monitoring for commercial and industrial buildings rather than utility networks. It raised a \$36 million Series D in September 2026 co-led by LIP Ventures and Inven Capital, following a December 2025 strategic investment from Grosvenor. WINT reports 2025 results of 1.15 billion gallons of water saved and more than \$100 million in water damage prevented across over 1,300 incidents at clients including HP, Suffolk Construction and the Empire State Building, and was named to the 2026 Global Cleantech 100.

Kando — the Tel Aviv-based company applies machine learning and generative AI to wastewater-network data, aiming to help utilities manage quality, cut costs and enable water reuse. Kando has raised roughly \$30 million to date, including a \$10 million round in October 2024 backed by investors such as Aliaxis and OurCrowd, and is using the capital to expand into the US and European markets.

EFAS Technologies (GAILL) — EFAS's "Global AI Leak Locator" is built to work with data utilities already have — GIS, pressure and flow records — rather than requiring new hardware, positioning it as a lower-cost entry point for non-revenue-water reduction. The company is an Esri partner and was featured among innovation exhibitors at the 2026 World Water-Tech Innovation Summit.

ASTERRA — founded in 2013 (rebranded from Utilis in 2021), ASTERRA uses L-Band satellite radar — technology originally developed to find water on Mars — combined with AI to detect underground leaks as small as 0.5 litres/minute from soil-moisture and dielectric-property patterns, without digging or acoustic sensors. The company says it has verified roughly 100,000 leaks worldwide since 2016, conserving an estimated 368 billion gallons of drinking water, and won the inaugural AWWA Innovation Award in 2021. New Mexico awarded ASTERRA a four-year statewide contract in 2025 to expand its LeakTracer programme after a first phase that identified 82 leaks and cut water loss by 240 gallons per minute.

Pluvion (WATER+) — the Freiburg, Germany-based startup raised roughly €1 million in October 2024 for WATER+, an AI system for detecting extraneous water (rain and groundwater infiltration) in sewer networks

without new flow-metering hardware, delivered through what the company describes as an "app-store" model for utilities.

Figure 3: Disclosed Funding Snapshot — AI-Native Challengers

Publicly announced rounds only; figures are as disclosed and may not reflect total capital raised

Company	Total disclosed funding	Latest disclosed round	Notable investors named publicly
Fracta	Not publicly disclosed	JV with Kurita Water Industries (2020)	Kurita Water Industries
Aquasight	Not publicly disclosed	Strategic investment (2016)	JPMorgan Chase Fund
WINT	\$36M+ (Series D)	Series D, September 2026	LIP Ventures, Inven Capital; Grosvenor (strategic, Dec. 2025)
Kando	~\$30M total	\$10M round, October 2024	DC Thomson, LIP, Ram-On Investments, Bridges Israel, ICI Fund, Aliaxis, OurCrowd
EFAS Technologies	Not publicly disclosed	—	—
ASTERRA	Not publicly disclosed	4-yr statewide contract, New Mexico (2025)	—
Pluvion	~€1M (~\$1.1M)	Seed extension, October 2024	Not disclosed (per EU-Startups)

Sources: PR Newswire (Sept. 2026, Oct. 2024); Kando company announcement (2024); EU-Startups (Oct. 2024); Imagine H2O; Aquasight company profile · TheWaterNetwork.com / AquaSPE 2026

Figure 3: Xylem, Siemens, SUEZ, Veolia and Badger Meter are excluded — each is a public company or a division of one, so a single "funding" figure would not be meaningful.

None of these products fix a water system by themselves. They flag the leak, model the risk, or price the water — the repair still runs through pipes, budgets and people.

What this means for water utilities and water professionals

- 1 **Separate the platform from the pilot.** A polished demo on a district-metered area proves less than a multi-year deployment across a full service territory. Ask every vendor on this list — incumbent or challenger — for a reference utility of comparable size that has run the product past its first renewal.
- 2 **Ask what happens to your data.** AI leak-detection and network-optimisation tools are trained and retrained on utility operational data. Before signing, clarify who owns model outputs, whether your data trains models used by other customers, and what happens to that data if you switch vendors.
- 3 **Budget for integration, not just licence fees.** Several products on this list (Fracta, EFAS's GAILL) are explicitly designed to work with data a utility already has — but "already has" still means clean GIS, asset, and SCADA records. Data-readiness work is frequently the larger line item.

- 4 **Match the tool to the failure mode you actually have.** Pipe-condition scoring (Fracta), acoustic/hydraulic leak detection (Xylem Vue, Siemens BuntBrain), building-level leak prevention (WINT) and wastewater-quality intelligence (Kando) solve different problems. The strongest brand on this list is not necessarily the right fit for a given system's failure mode.
- 5 **Track outcomes, not adoption.** Gallons saved, capital avoided, and incidents prevented (as WINT and Xylem both report for specific deployments) are the metrics that matter to a rate case or a capital plan — not seat counts or dashboard logins.

About this report

AI adoption in water is still early and moving quickly: funding rounds, acquisitions and new product launches in this space have occurred roughly monthly through 2026. This report is a snapshot as of September 2026, not a permanent ranking — several of the facts above (funding totals in particular) will be out of date within months. Readers evaluating vendors should treat this as a starting point for due diligence, not a substitute for it.

AI IN WATER — AS FEATURED ON THEWATERNETWORK

Curated from TheWaterNetwork.com's own coverage — products, awards, research and deal activity, alongside (not ranked against) the Top 10 above. Click any name to read the original post.

Aganova — Nautilus Deployment

In-pipe acoustic inspection with AWS-hosted AI pinpoints leaks in large-diameter mains; ~69km inspected in Recife, Brazil, with a São Paulo rollout in 2025.

Aiimi Product

London, UK; AI and data-science platform (InsightMaker) for enterprise information management and analytics; water-sector clients include Anglian Water and Northumbrian Water.

AquaMesh Product

Fuses flow, level, rainfall and maintenance data into AI-driven risk alerts for sewer overflow, stormwater and wet-weather events.

ASTERRA (formerly Utilis) Product

Satellite radar + AI detects underground leaks from soil moisture, Mars-derived tech; ~100,000 leaks verified since 2016; new 4-year New Mexico statewide contract (2025).

BlueConduit Product

Ann Arbor, MI (Univ. of Michigan spinout, est. 2016); machine-learning models predict lead service-line locations from age, value and location data — used in Flint's replacement programme (>80% accuracy by late 2017).

Clearbot Product

Hong Kong/India; solar-charged autonomous electric boats use AI vision (NVIDIA-trained) to navigate and collect waterway trash — 1 crew can run ~150 units vs. 15–20 diesel boats.

DeepWaters AI Product

London, UK; AI + satellite data mapping Earth's groundwater and detecting infrastructure leaks; ESA Kickstart AI grant recipient, backed by Esri, AWS, NVIDIA and Space4Water.org; donates 51–100% of profits to water causes.

ECOPEACE Deployment

ECOBOT autonomous platform + AI-adjusted filtration for real-time algae removal and water-quality control; Korea-rooted, piloting in Singapore and Dubai.

Fluid Analytics (AquaGrid) Product

Mountain View, CA & Pune, India; combines sensors, robotics and AI for pipeline (sewer/water) inspection to predict and prevent failures.

Gradient M&A / Product

MIT-spinout water-treatment/desalination firm (est. 2013); acquired AI company Synauta (2022) for real-time plant optimisation, and now sells "HyperSolved," an AI-driven water system for hyperscale AI data centres.

KETOS Product

Sunnyvale, CA; robotic/IoT water-quality monitoring (30+ parameters) with predictive analytics and a zero-CapEx subscription model; deployed across 21+ US states.

K-water (Korea Water Resources Corp.) Award

Won a GLOMO award at MWC 2026 Barcelona for AI-based leak reduction & network management, a dam digital twin, and AI-driven treatment plant operations.

Neer Product

Kansas City, MO; agentic AI + machine-learning models run hydraulic/hydrologic simulations (EPANET, EPA SWMM, HEC-RAS) to assess risk condition of drinking water, sewer and stormwater systems; deployments include Raytown, MO and Edgerton, KS.

Samotics — SAM4 Product

Electrical signature analysis on pump motor data detects bursts in rising mains early; co-developed with Yorkshire Water and Southern Water.

SewerAI M&A

AI-powered sewer inspection & rehabilitation planning, serving 2,000+ cities; Emerald Technology Ventures exited via a JMI Equity-led deal (June 2026).

SmartTerra Product

India-based; AI + codified utility expertise for non-revenue water — up to 75% leak/illegal-connection localisation accuracy, NRW reductions reported within 3 months.

Tenchijin COMPASS Product

Japan-based; KnoWaterleak software uses data fusion and AI to assess leak risk, localise leaks and optimise network renewal planning.

Transcend Product

Autodesk-backed; generative-design AI automates engineering-grade water and wastewater treatment plant designs; partnered with engineering firm STV on wastewater treatment facility design.

UnifAI Technology Product

London, UK; ANNA neural-network engine flags water-quality alerts/alarms from sensor data without preset thresholds — independent test vs. an incumbent digital sensing system matched on 99.97% of 139,081 samples and was more often correct on the disputed cases.

University of Technology Sydney Research

Acoustic-sensor-plus-AI trial predicted water-main failures with 80% accuracy within 200m, saving ~10,000 megalitres over a 30-month trial with Sydney Water.

VODA.AI Product

Founded 2017, Boston, MA; AI assesses city water pipe condition to prioritise repair and replacement ahead of breaks.

Waterplan Product

San Francisco (Y Combinator-backed); AI-native platform for corporations to measure, report (CDP/GRI) and respond to water risk across operations and supply chains.

Wilo — Speaking Waters Award

Part of Wilo's WATER AI platform, co-engineered with InstaDeep; won the inaugural AI Innovation Award from KI Park for predictive leak, pressure and water-quality anomaly detection.

WINT Water Intelligence Funding

\$36M Series D (Sept. 2026) to scale real-time AI leak & water-use detection for commercial and industrial buildings.

Company websites — Top 10 profiles above

Xylem Vue

xylem.com/brand/xylem-vue

SUEZ AQUADVANCED

suez.com

Veolia Hubgrade

veolia.com

Siemens BuntBrain (BuntPlanet)

via TheWaterNetwork profile

Badger Meter BEACON

badgermeter.com

Fracta

fracta.ai

Aquasight
aquasight.io

Kando
kando.eco

EFAS Technologies (GAILL)
via Esri partner page

Pluvion (WATER+)
via TheWaterNetwork profile

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Disclaimer: This report was researched and drafted with the assistance of Claude AI (Anthropic). Company information, funding figures and product details reflect publicly available information as of September 2026 and are subject to change; funding totals in particular reflect only publicly announced rounds and may be incomplete. Ranking and inclusion in this report do not constitute an endorsement of any company or product, and nothing in this report constitutes investment, procurement or vendor-selection advice. TheWaterNetwork.com / AquaSPE has no disclosed financial relationship with the companies covered unless otherwise stated.