YEAR END 2024-25

NEWSLETTER
RIPPLE IMPACT
CLUIX PRIVATE LIMITED

ABOUT US

CLUIX is a clean-tech company committed to driving innovation in water technology with a focus on environmental sustainability. Founded by Robin Singh in 2021, our journey began with a challenge from the Jal Shakti Ministry and Invest India. Our commercial success has been further solidified by prestigious recognition, including an award from the NJJM Minister and the official launch of our product at the ASSOCHAM event, marking a significant milestone in our growth. By 2023, we commercialised this technology, expanding our reach to promote efficient water management and ensure access to safe, potable water while minimising environmental impact.

USE CASE

Through our deployments we have actively impacted various regions. Our deployment with PHED Haryana covered 22 villages, emphasizing the necessity of iron contamination testing and driving our expansion into broader water parameter assessments. A pilot with Tata Trust in Tripura and Guwahati showcased our technology's adaptability to diverse environments, ensuring reliable assessments even in challenging terrains. Our collaboration with the Ministry of Defence further underscores the robustness and reliability of our solutions in critical applications, reinforcing our credibility as a trusted provider. Additionally, we have catered to Ambuja Foundation in Rajasthan, delivering tailored water quality solutions to improve resource management and water accessibility. These real-world deployments have provided valuable insights that directly contribute to our product enhancements, ensuring that our solutions remain commercially viable and scalable.

PHED Haryana

TATA TRUSTS

Ambuja Cement FOUNDATION

OUR IMPACT

At CLUIX, innovation is backed by trust and commercial viability. Additionally, we have successfully deployed over 200 devices across multiple industries at various locations, demonstrating our ability to scale commercially. Our impact is both quantitative and qualitative. Our technology has significantly reduced waterborne disease risks in specific locations by improving testing efficiency. For example, in Haryana, our deployments have led to a 40% increase in water quality monitoring frequency, ensuring safer drinking water. Our analyzers have enabled businesses to optimize water treatment processes in industrial applications, reducing contamination levels by up to 35%. The real-time data provided by our solutions has empowered local authorities and industries to make informed decisions, resulting in more efficient water resource management. Our solutions directly contribute to reducing contamination risks, improving regulatory compliance, and ensuring better water accessibility for communities and industries alike. Our impact extends beyond numbers—our solutions have significantly improved water testing efficiency, reduced contamination risks, and provided real-time data for better decision-making, directly benefiting communities and industries alike.

Our Innovation

1

C011 - I Generation

The C011 Water Quality Analyzer was first-generation device, designed to measure eight key water parameters: turbidity, color Hazen, Total Dissolved Solids (TDS), Electrical Conductivity (EC), pH, Free Residual Chlorine (FRC), Lead (Pb), and Total Hardness (TH). This handheld, portable device had an intuitive touchscreen interface, making it easy to use for on-field water quality assessments. Its robust design and precise measurements provided valuable insights during field trials, laying the groundwork for our advancements in water technology.

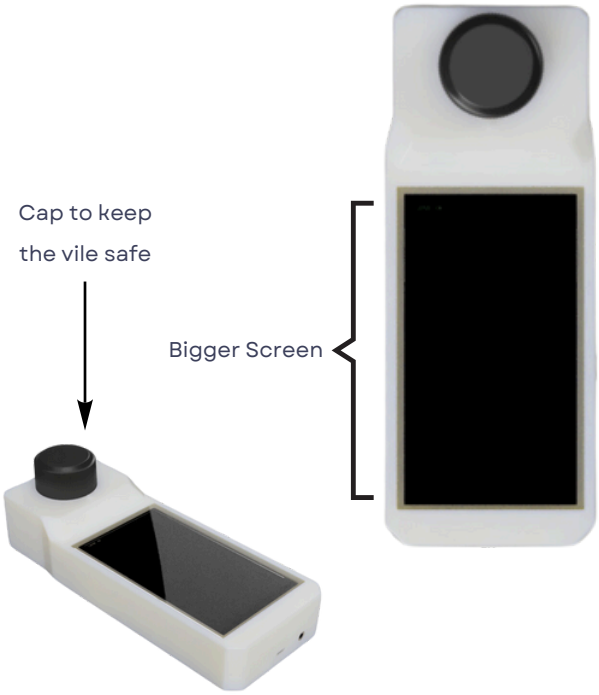
2

C012 - II Generation

The C012 Water Quality Analyzer represents a significant evolution from our first-generation C011, adding key advancements based on field insights and user feedback. This upgraded version measures additional water parameters, providing more comprehensive analysis. With a larger, ergonomically enhanced touchscreen, improved battery performance, and seamless system integration, the C012 offers a superior user experience. Achieving TRL 9+ status, it is a production-ready solution extensively tested in real-world environments. We are proud to have successfully deployed the C012 to many of our customers like PHED Haryana, IFellow and GD Consultancy

We want to make bench-top devices which are smart devices. Other than this we want to cater the segments which are yet untouched. We truly want to bring down the cost by 50% and make this instrument available to our countrymen, an indegenous product that can reduce the total cost investment in testing water.

- ROBIN SINGH
CEO & Founder



Our Ongoing Advancement

We are currently working on an exciting new design style for the C012 Water Quality Analyzer that brings a fresh, modern edge to its performance. The updated version features a **larger screen**, a **bigger battery for extended usage**, and a refined **ergonomic design** that ensures better comfort during use. With a more stylish, **sleek, and edgy look**, the new design not only enhances its aesthetic appeal but also improves the overall **touch-and-feel experience**. The updated version will also feature a practical new addition—a cap to cover the vial input area. This cap enhances the device's durability by protecting the input from dust and contaminants, ensuring reliable performance in all conditions. We are committed to continuously evolving our design to blend innovation, functionality, and user-centered design in our water quality solutions.

PRODUCT PORTFOLIO

01 **Multi-Parameter Testing**: Measures critical parameters

02 **IoT Integration**: Real-time data upload to the cloud for analysis and reporting.

03 **User-Friendly Design**: Intuitive interface and pre-calibrated sensors for non-technical users.

04 **Portability:** Compact and durable, ideal for field deployment in rural and urban settings.

05 **Sustainability:** Enables frequent testing at lower costs, reducing reliance on expensive lab infrastructure.

- Real-Time Monitoring: Provides instant access to water quality data from connected analyzers.
- Data Visualization: Displays water parameter trends through intuitive graphs and analytics.
- Remote Access: Enables users to monitor water quality anytime, anywhere.
- Alerts & Notifications: Sends timely alerts for parameter deviations or maintenance needs.
- Data Management: Stores historical records for easy comparison and analysis.
- User-Friendly Interface: Simplifies data interpretation for quick decision-making.
- Customized Reporting: Generates detailed reports for regulatory compliance and operational insights.

DASHBOARD + MOBILE APPLICATION

Enjoy it with our digital products complimentary

OUR GROWTH

2024-25

As a leader in water management technology, we are setting new industry benchmarks and driving transformative change. Imagine H2O, a globally renowned water innovation accelerator, has placed its trust in us to spearhead large-scale water monitoring solutions.

We are proud to announce that CLUIX, in collaboration with Imagine H2O, is deploying 100 of our water quality analyzers across 40 villages in Tamil Nadu and Uttar Pradesh. This initiative will provide real-time water quality monitoring for over 200,000 residents, ensuring access to cleaner, safer water and enabling proactive intervention against contamination.

Beyond this, our industry influence continues to grow through strategic alliances. Collaborations with ASCI & GIZ Hyderabad have strengthened our expertise in smart water management, with 10 local councils actively driving implementation initiatives. Our continued engagement with IIT Palakkad, Tech2Impact, and IRMA ISEED (Gujarat) further amplifies our innovation footprint.

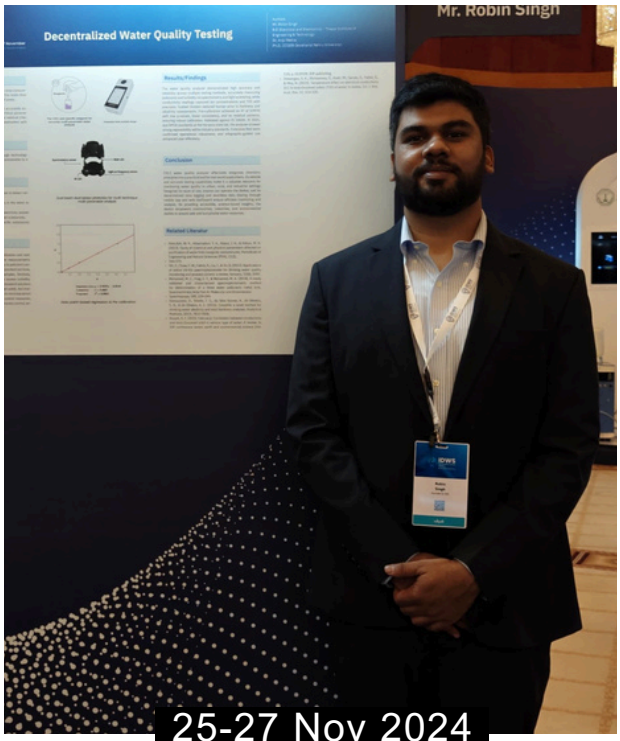
Tech2Impact brings a global perspective, fostering cross-border collaborations and integrating international best practices into our technology solutions.

In 2024-25, we have forged strategic partnerships with industry leaders across key regions, delivering cutting-edge water quality solutions tailored to diverse needs. Our collaborations with GD Water Consultants (Delhi), Rite Water (Pune), and IFellow Foundation (Pune) exemplify our commitment to scalability, precision, and innovation in water management.

With a strong history of delivering large-scale projects and a well-established network of industry partnerships, we continue to lead the water technology sector. Our solutions are already transforming water management across industries and communities, driving efficiency, reliability, and sustainability at scale. As we expand our footprint, we remain committed to pioneering advancements that set new standards for water quality monitoring and resource optimization.

EVENT HIGHLIGHTS

This year, CLUIX participated in several significant events that demonstrated our leadership in sustainable water management and technological advancements. From contributing insights on IoT for smart infrastructure to engaging with global innovators, these engagements reflect our ongoing commitment to innovation and impactful solutions.



25-27 Nov 2024

Innovation Driven Water Sustainability (IDWS) Conference 2024

The Innovation Driven Water Sustainability (IDWS) Conference 2024 in Jeddah, Saudi Arabia, a key event focused on advancing innovative solutions for water scarcity, saw CEO Robin Singh representing CLUIX. The conference's emphasis on critical areas like desalination, wastewater treatment, and smart water management aligned perfectly with our mission to leverage IoT technology for enhanced water quality monitoring and optimization. Mr. Singh's participation solidified CLUIX's commitment to sustainable water management in arid and semi-arid regions.

20-21 Nov 2024

SLUSH 2024

This year was a whirlwind of activity and recognition for Cluix. At Slush 2024 in Helsinki, Finland, we showcased our innovative technologies and discussed breakthroughs in IoT-enabled water solutions with global leaders and innovators. The event fostered collaborative discussions on technology and water management, forging valuable connections for future growth. The inspiring energy reinforced our commitment to water technology innovation

2024 was a whirlwind of impactful engagements, reinforcing our commitment to innovation and sustainable water management. We contributed to discussions on smart infrastructure within the **Viksit Bharat initiative**, emphasizing IoT's role in building sustainable cities. The **5th Annual Learning Exchange (L Ex)**, sponsored by P&G, provided a platform to connect with global leaders on scaling safe drinking water solutions for underserved regions. At the **Indian Mobile Congress (IMC) 2024**, we showcased advancements in IoT-based water quality solutions, forging industry connections and exploring smart technology opportunities. The CII 10th Edition of the **"Water Innovation Summit"** (WIS) highlighted the C012 Water Quality Analyzer's impact on driving water efficiency. The **MSME & Start-up Trade Fair 2024** connected us with entrepreneurs, exploring synergies for cost-effective water management. The **IRMA SEED Foundation Bootcamp** offered valuable mentorship for scaling consumer-focused services. Furthermore, we actively participated in industry forums and publications to disseminate knowledge and raise awareness about critical water challenges. We presented research findings at the **International Water Association (IWA)** World Water Congress & Exhibition, highlighting the potential of our innovative technologies to address global water scarcity. These efforts have strengthened our position as a thought leader in the water sector and fostered valuable collaborations with academia, industry, and policymakers.

OUR COMMITMENT

Our work aligns with global development initiatives, ensuring safe and efficient water management through technology, research, and strategic partnerships.

SDG 3: Good Health and Well-being
We ensure access to safe drinking water by monitoring harmful contaminants like turbidity, lead, and residual chlorine. This helps reduce waterborne diseases and improve community health.

SDG 4: Quality Education
Through collaborations with institutions like IIT Palakkad and IRMA ISEED, we promote research and education on water sustainability. Our technology supports training programs that equip students and rural communities with practical water management skills.

SDG 5: Gender Equality
Localized water quality testing reduces the burden on women and girls, who often spend time fetching water, freeing them for education and economic activities, thus supporting greater gender equity.

SDG 6: Clean Water and Sanitation
Our C012 helps identify and mitigate water contamination, ensuring better access to clean water and improved water governance.

SDG 11: Sustainable Cities and Communities
Through partnerships with ASCI Hyderabad, we contribute to smart urban water management, helping cities monitor water quality efficiently and fostering resilient urban communities.

We remain committed to fostering a healthier, more equitable, and sustainable future through impactful water solutions.

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