

Company for Innovative (CIS) Solutions & Networks Research

 <http://www.cispvt.com>

“CIS develops AI & IoT solutions for utility industry to enhance energy & water access while reducing GHGs.”



Country: Pakistan
Sector: Utility & disaster mgmt.
Established: 2021
Number of staff: 20
Annual revenue, \$: 55,210 (2024)



BUSINESS MODEL

Problem

Climate change is intensifying water-related challenges, disrupting supply, quality, and efficiency. Erratic rainfall, floods, and droughts threaten access for farmers and communities. Manual water management wastes resources, increases costs, and lacks real-time data, while high energy use in pumping adds to emissions.

Solution

AcquaCure enables smart water management to save energy, cut costs, and protect public health. It automates pump operations, monitors water levels and quality in real time, and provides AI-based contamination detection. For utilities and farmers, it improves reliability, reduces water losses, and lowers energy use by 15–20%, contributing to climate and health goals.

Business Model

AcquaCure follows a B2G and B2B model, partnering with water utilities, municipalities, housing societies, and smallholder farmers to provide automated monitoring and management of water systems for greater efficiency and sustainability.

Revenue Streams

Revenue comes from one-time device sales (SCADA, water quality, and microbial units), free lifetime dashboard access, optional paid training, and an annual maintenance fee (\$60/unit from Year 2) covering software updates, server hosting, and technical support. This model ensures recurring revenue while delivering long-term value through reliable water monitoring, energy savings, and improved public health.

IMPACT

Climate Change Impacts Addressed



Drought



Flooding



Desertification

Adaption Relevance

AcquaCure enhances climate change adaptation by helping communities and utilities manage water scarcity, prevent post-flood contamination, and optimize energy use, increasing resilience to climate-related water risks.

Gender Relevance

Engages women as field technicians, creating employment opportunities and empowering them to strengthen community water resilience and access.

OPPORTUNITY

Future Plans

Enhance AI for $\geq 90\%$ E. coli detection, provide real-time crop protection alerts to boost yields $\geq 15\%$, and engage women technicians to expand community water resilience.

Ask: 150k USD

AI Improvement: Boost E. coli detection accuracy to $\geq 90\%$ for faster post-flood water monitoring. Early Alerts: Use real-time AI monitoring to protect crops and improve yields by $\geq 15\%$. Women Technicians: Engage women in the field to expand access and strengthen community water resilience.

Team & Contact Mansoor Khan, CEO: mansoor.khan@uetpeshawar.edu.pk

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FUNDRAISING	Current Shareholders NA	Latest Investment(s) 249,961 USD Grant	Total Investment 249,961 USD
	The Ask 150,000 USD	Funding Equity Share 15%	Min. Ticket Size NA
	Target Valuation 1,000,000 USD		

FINANCIAL & STRATEGY OVERVIEW

Financials, \$	2023	2024	2025	2026 (e)	2027 (e)
Revenues	99,345	55,210	75,768	103,802	129,752
Net profit	-9,624	2,724	3,721	5,709	7,785

Latest Developments

- Partnered with a Pakistan-based nonprofit to deploy devices for vulnerable communities in South Punjab, securing \$55.68K matched funding.
- Collaborated with WSSP (Water utility), gaining funding and dedicated personnel to support implementation.
- Expanded B2B sales of water quality monitoring solutions, complementing existing government partnerships.

Next Steps

- Train women technicians to boost community water resilience (Q4 FY26).
- Target private housing societies for Acquacure SCADA expansion (Q2 FY27).
- Explore agri-sector for water pump optimization/irrigation quality testing improve crop yields by 15 % (Q3 FY27).
- Increase E. coli detection accuracy to 90% (Q4 FY2).

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