



HEALTH  
INNOVATION  
EXCHANGE



# PITCH BOOK

## CONNECTING THE UNCONNECTED

HEALTHTECH. MEDTECH. AI.  
ROBOTICS. INNOVATIVE FINANCING.



# 2026

# ABOUT

## HEALTH INNOVATION EXCHANGE

The Health Innovation Exchange (HIEx) is a partnership platform bringing together policymakers, innovators and investors to leverage health innovations and investment to save and improve lives around the world.

HIEx fosters public-private partnerships that can help scale proven technologies and innovations to maximize reach and health impact, especially for the most vulnerable communities.

The global health landscape faces unprecedented challenges - from the lasting effects of COVID-19 to escalating climate-related health crises and deepening healthcare inequities.

These pressures are compounded by shifting global policies and competing priorities.

As a result, systemic vulnerabilities in health systems have been exposed, underscoring the urgent need for transformative solutions to enhance resilience and equity.

Turning the Tide focuses on two key drivers of change: the transformative power of emerging technologies, especially artificial intelligence (AI), and innovative financing mechanisms to strengthen global health systems.

This selection of unique solutions can build the basis for scaling access, particularly for women in low- and middle-income countries facilitated by HIEx, and explore new models for expanding investments in addressing gaps in global health.



*Biju Jacob*

*Chief Technology Officer*  
**Health Innovation Exchange**

# INTRODUCING THE INNOVATORS

## ARGUSOFT



### INDIA

*Digital Health and Enterprise Technology*



*argusoft*  
Quality on Time

Argusoft develops enterprise software, digital public health platforms and customised technology solutions for governments, healthcare organisations and businesses globally, with a focus on scalable and interoperable healthcare ecosystems.

- Over 20 years of software engineering and enterprise technology experience
- Developed MEDplat, a digital public health platform deployed internationally
- Delivered solutions to 350+ clients globally
- Team of 350+ technology and healthcare specialists
- Active client footprint across 10+ countries
- Operates with 200–380+ employees globally across development and support functions



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# BIOPREVAIL

 SWITZERLAND



Global Health Security & Sustainable Laboratories



BioPREVAIL is a global health security initiative focused on redesigning diagnostic containment laboratories to improve biosafety, sustainability and operational resilience in low-resource environments, helping strengthen preparedness for infectious disease outbreaks and future biological threats.

- Launched globally in 2023 at the World Organisation for Animal Health General Assembly
- Supported by Global Affairs Canada, the Global Health Security Fund and WOAH
- COVID-19 highlighted a global economic impact exceeding US\$12.5 trillion, reinforcing the need for sustainable laboratory infrastructure
- Built an international innovation ecosystem focused on laboratory sustainability and One Health security
- Selected 9 global innovation teams for its inaugural design challenge programme
- Community network includes 900+ biosafety and biosecurity contributors globally



[www.bioprevail.org](http://www.bioprevail.org)



<https://www.bioprevail.org/contact-us/>

# DEEPTEK

 INDIA



Health Technology & Artificial Intelligence



DeepTek develops artificial intelligence-powered radiology and medical imaging solutions that improve diagnostic accuracy, workflow efficiency and access to healthcare through AI-assisted reporting, screening and enterprise imaging platforms.

- Serves 500+ hospitals and imaging centres globally
- AI screening solutions impact approximately 1 million lives annually
- Screened more than 500,000 people through AI-powered tuberculosis detection programmes
- Achieved 97% sensitivity and specificity rates in large-scale TB screening initiatives
- Raised US\$10 million in Series A funding
- Filed 8 patents and published 30+ scientific and clinical research papers



[www.deeptek.ai](http://www.deeptek.ai)



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# UALBANY (UNIVERSITY AT ALBANY, SUNY)



UNITED STATES OF AMERICA



Higher Education, Research & Innovation



The University at Albany (UALbany) is a leading public research university focused on artificial intelligence, public health, nanotechnology, climate science and advanced research innovation through multidisciplinary partnerships, research centres and workforce development programmes.

- Founded in 1844 with more than 180 years of academic and research history
- Recognised as an R1 university with "Very High Research Activity" status
- Research expenditure exceeds US\$142 million annually
- Enrols approximately 17,500 students
- Partnered with IBM through a US\$20 million AI research initiative
- Nanotechnology partnerships contributed over US\$1.6 billion in economic impact



[www.albany.edu](http://www.albany.edu)



[admissions@albany.edu](mailto:admissions@albany.edu)

# WE CARE SOLAR



UNITED STATES OF AMERICA



Health & Clean Energy



We Care Solar designs and delivers solar-powered energy systems that improve maternal and newborn healthcare in low-resource and off-grid health facilities through reliable lighting, medical device charging and power for essential health services.

- Solar Suitcases deployed in more than 10,000 health facilities globally
- Programmes implemented across 27+ countries
- Supported healthcare access for 23.4+ million mothers and newborns
- Trained 41,000+ health facility staff, technicians and engineers
- Reached over 3,000 maternity clinics across sub-Saharan Africa
- Recognised by the United Nations and World Health Organization for advancing sustainable healthcare access



[www.wecaresolar.org](http://www.wecaresolar.org)



[info@wecaresolar.org](mailto:info@wecaresolar.org)

# RIGITECH



SWITZERLAND



Logistics, Drones & Autonomous Delivery



RigiTech develops autonomous drone delivery solutions that improve access to healthcare, emergency response and critical logistics through integrated aircraft technology, automated delivery systems and drone fleet management platforms.

- Completed thousands of autonomous drone delivery flights across Europe and Africa
- Active deployments in Switzerland, Côte d'Ivoire and emerging logistics markets
- Developed UAV systems capable of carrying payloads over distances exceeding 100km
- Supports healthcare programmes transporting medicines, laboratory samples and emergency medical supplies
- Raised multi-million Swiss franc funding to scale drone logistics operations



[www.rigi.tech](http://www.rigi.tech)



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# AQUA CLARA SOLUTIONS



KENYA



Water, Sanitation and Hygiene



Aqua Clara Kenya provides affordable household and institutional water filters that make contaminated water safe to drink without electricity or chemicals. Its school-centred distribution model uses trusted community hubs to increase awareness, build confidence and expand access to safe drinking water in rural and peri-urban communities.

- Sold over 30,000 household water filters
- Provided safe drinking water access to more than 150,000 people
- Helped prevent over 300,000 tonnes of CO<sub>2</sub> emissions
- Gender4Climate Award winner for gender-inclusive climate adaptation
- Partnered with Danone Communities since 2022



[www.aquaclara.co](http://www.aquaclara.co)



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# ASSANI.IO



PAKISTAN

*Water, Sanitation and Hygiene*



Asani.io is an IoT and automation company tackling water scarcity and mismanagement through smart monitoring and automation solutions. Its modular Asani Super App + BMS platform helps residential, commercial, industrial and government users manage motors, tanks, tankers, supply lines and distribution networks more efficiently, reducing water waste, improving visibility and supporting climate-conscious resource management.

- Saved 300+ million gallons of fresh water to date
- Supports 48,000 people in managing water and energy needs in resource-scarce locations
- Deployed 1,000+ devices across water and energy management systems
- Google Cloud Startup 2024 Sustainability & Environment Track Winner
- UNDP Social Enterprise Challenge Sindh Region Winner
- Shell Tameer Technology Innovation Winner
- Supported by IGNITE and MOITT Pakistan



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# BANKA BIOLOO



INDIA

*Water, Sanitation and Hygiene*



Banka BioLoo delivers sustainable sanitation and wastewater treatment solutions that help close India's WASH gap. Its work spans bio-toilets, railway sanitation operations, packaged sewage treatment plants, large-scale urban sewage treatment, fecal sludge treatment and STP-as-a-service for residential, commercial and industrial users.

- 25,000+ bio-toilet units installed
- Operates and maintains 25,000+ Indian Railways bio-toilets daily
- Treated 9+ MLD of fecal sludge
- Treated 1,500+ MLD of used water through STP-as-a-service
- 900+ employees on payroll
- First NSE-listed sanitation company
- Profitable, with average 3-year revenue of approximately 50 crores / US\$6 million annually
- Cartier Women's Initiative Impact Award 2025 recipient



[www.bankabio.com](http://www.bankabio.com)



[namita.bank@bankabio.com](mailto:namita.bank@bankabio.com)

# BULAMU BRIDGE



UGANDA



BULAMU BRIDGE AI

Health



Bulamu Bridge AI provides AI-powered maternal and reproductive health support for underserved women and girls in local languages. Its platform offers guidance on antenatal care, postnatal care, menstrual health and family planning, while also supporting communities through locally manufactured mama kits, menstrual kits, soaps and feminine washes.

- Built for rural and low-bandwidth communities
- Offers real-time consultations and confidential health education
- Works with clinics, midwives and community health workers
- Combines digital support with locally made hygiene products



[www.bulamubridgeai.com](http://www.bulamubridgeai.com)



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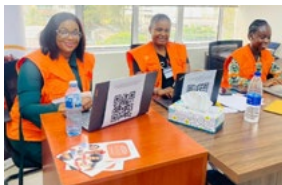
# DÉBBO AFRICA



NIGERIA



Health



Débbo Africa is a digital women's health platform offering AI triage, virtual consultations, diagnostics, imaging and at-home testing. Its model helps African women access personalised, culturally sensitive care while reducing barriers such as stigma, long wait times, transport costs and poor access to preventive services.

- Operational in 10 Nigerian states
- 5,000+ lab tests completed
- Network of 150+ doctors
- 8+ partnerships with large corporate organisations
- 1<sup>st</sup> runner-up out of 420 startups in the National Basketball Players Association x U6MP JumpShot Innovation Challenge



[www.debbo.africa](http://www.debbo.africa)



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# EMERGENCY RESPONSE AFRICA



NIGERIA



Health



Emergency Response Africa connects people experiencing medical emergencies to first responders, emergency vehicles and emergency-ready hospitals within minutes. Its community-powered EMS model trains local transport owners and volunteers as first responders, using technology to coordinate rapid, affordable emergency care.

- Facilitated over 35,000 emergency responses
- Connected 400+ pregnant women in underserved communities to life-saving care through the Rural Maternal Health Emergency Transport Program
- Adopted in Edo State to support emergency medical services for over 2 million residents
- Trained 167 community-based first responders in Edo State
- Reduces reliance on large, centralised ambulance fleets by using existing community vehicles



[www.emergencyresponseafrica.com](http://www.emergencyresponseafrica.com)



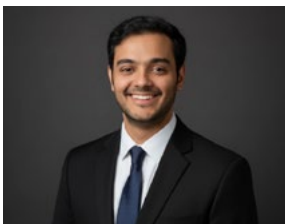
[folake@emergencyresponseafrica.com](mailto:folake@emergencyresponseafrica.com)

# EVERYWATER / PAKVITAE



PAKISTAN

Water, Sanitation and Hygiene



EveryWater is a nanotechnology company using patented Esoteric Resistive Membrane technology to provide affordable, reliable and pathogen-free drinking water. Its bio-fouling-resistant 16 nm hollow fibre membrane module can serve a family of five for up to two years, reducing waterborne disease risk and reliance on single-use plastic bottles.

- Reached over 1 million people
- Serves 200,000+ active users
- Patented across 28 geographies
- Forbes 30 Under 30 Asia honoree on founding team
- Recognised by Queen's Commonwealth Trust, Hult Prize, Falling Walls Lab and other global platforms



[www.everywater.com](http://www.everywater.com)



[Usama@everywater.com](mailto:Usama@everywater.com)

# IRIBA WATER GROUP



RWANDA

*Water, Sanitation and Hygiene*



IRIBA Water Group provides climate-smart and affordable safe drinking water solutions for communities and schools across Africa. Its model combines innovative technologies with community engagement to strengthen resilient water access and promote environmental stewardship.

- Focuses on safe drinking water access for communities and schools
- Operates in Rwanda, Democratic Republic of Congo and Central African Republic
- Promotes climate-smart water access and resilient communities



[www.ribawatergroup.com](http://www.ribawatergroup.com)



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# ISLA URBANA



MEXICO

*Water, Sanitation and Hygiene*



Isla Urbana designs and installs rainwater catchment and filtration systems for households, schools, industries and other buildings. Its systems provide clean water at the point of use while reducing water trucking, groundwater extraction, pressure on aquifers and vulnerability to flooding.

- Designed and implemented Mexico City's first government-funded rainwater harvesting programme in 2019
- Designed and implemented Guadalajara's first government-funded rainwater harvesting programme in 2021
- Launched industrial rainwater harvesting installations in 2024
- Co-founder recognised by MIT Technology Review Innovators Under 35
- BBC World Challenge finalist



[www.islaurbana.org/en](http://www.islaurbana.org/en)



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# KOMODO WATER



INDONESIA



Water, Sanitation and Hygiene



Komodo Water provides solar-powered water purification systems for remote island communities in Indonesia. Its off-grid systems turn local water sources into safe drinking water while supporting climate resilience, reducing plastic waste and contributing to local livelihoods through solar ice makers and solar water pumps.

- Bayer Foundation Women Entrepreneur Award recipient
- B20 Sustainability Awards winner
- Water and Energy for Food Awardee
- Forbes Indonesia Inspirational Women recognition
- Supports fishermen, farmers, women and children in remote communities

 [www.komodowater.org](http://www.komodowater.org)

 [shana.tinamitra@gmail.com](mailto:shana.tinamitra@gmail.com)

# KORUI



BRAZIL



Health



Korui creates sustainable menstrual and personal care products, including reusable menstrual cups, cloth pads, menstrual underwear and plastic-free care products. Through its Dona do Meu Fluxo initiative, Korui combines menstrual education with product donations to expand access to dignified, long-term menstrual care.

- Over 600,000 reusable menstrual products sold
- Prevented disposal of more than 220 million single-use items
- Donated over 10,000 menstrual cups through Dona do Meu Fluxo
- Donates 1 menstrual cup for every 10 sold
- Certified B Corporation
- Strategic partnership with WWF-Brazil

 [www.korui.com.br](http://www.korui.com.br)

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# LIFEBANK



NIGERIA

Health



LifeBank is a tech-driven healthcare marketplace that connects hospitals and blood banks to essential medical supplies including blood, oxygen, medical equipment and consumables. Its platform combines digital procurement, SmartBag tracking, ELISA-powered blood screening and multi-modal delivery to improve safety, speed and traceability.

- Operates across Nigeria, Kenya and Ethiopia
- Served 237,924 women and children across Kenya and Nigeria
- Uses SmartBag tracking and ELISA-powered blood screening
- Operates solar-powered SmartCentres and route-optimised deliveries
- Recognised by MIT Solve, Johnson & Johnson Africa Innovation Challenge, Jack Ma Foundation, Cartier Women's Initiative and Google Startups Black Founders Fund



[www.lifebankcares.com](http://www.lifebankcares.com)



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# O2ECO TECNOLOGIA



BRAZIL

Water, Sanitation and Hygiene



O2eco Tecnologia Ambiental develops smart water and effluent treatment solutions that reduce sludge, recover water for reuse and regenerate polluted aquatic environments. Its Salus system reduces sewage sludge volume and recovers water, while O2eco-TWC blocks use bio-stimulation to restore rivers, lakes and effluent discharge areas without chemicals or electricity.

- Reduces water consumption, CO<sub>2</sub> emissions and sludge transportation by over 90%
- Salus reduces sewage sludge volume by over 99%
- Recovers up to 95% of water for reuse
- Clients include Sabesp, Ambev and ArcelorMittal
- Selected for AB InBev 100+ Global Accelerator
- Multiple awards across water, sanitation, mining and environmental innovation



[www.o2eco.com.br](http://www.o2eco.com.br)



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# ONEHEALTH



NIGERIA

Health



OneHealth is an online pharmacy and healthcare platform that connects patients, payers and providers to genuine, affordable medicines across Nigeria. Its model combines digital ordering, state-based dispensing hubs, partner pharmacies and last-mile delivery to reduce medicine shortages, improve treatment adherence and lower counterfeit drug risks.

- Fulfilled 500,000+ prescriptions across 36 states
- Works with 2,000+ partner pharmacies
- Delivers genuine medicines within 3 hours
- Selected as a SOCAP Fellow and Cascador Fellow
- Recipient of develoPPP GIZ Grant and Google Black Founders Fund support
- Secured partnership with NNPC as a provider to its HMO



[www.onehealthng.com](http://www.onehealthng.com)



[adeola.allii@onehealthng.com](mailto:adeola.allii@onehealthng.com)

# PW TECH



BRAZIL

Water, Sanitation and Hygiene



**PW Tech**  
Trazendo Água Boa

PW Tech produces portable water treatment stations that transform contaminated water into potable water. Its systems treat up to 10,000 litres per day, offer a 100% guarantee against viruses and bacteria, and are designed for vulnerable, remote and climate-affected communities.

- Used by the United Nations in humanitarian aid projects
- Shipped to 24 countries
- More than 2,000 portable water treatment stations deployed
- Positively impacted more than 2 million people
- Strategic partnerships with USP, Ufscar and the Brazilian Army
- Multiple awards across social impact, water sanitation and innovation competitions



[www.pwtech.eco.br/en/home-english](http://www.pwtech.eco.br/en/home-english)



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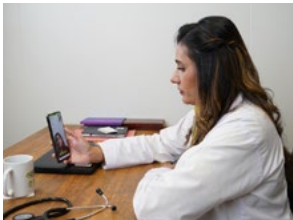
# SEHAT KAHANI



PAKISTAN



Health



Sehat Kahani is a female-led health-tech platform connecting underserved communities to licensed doctors through e-clinics, mobile applications and digital health services. Its hybrid model reactivates qualified but homebound female doctors and embeds trained nurse intermediaries in local clinics to deliver culturally acceptable, affordable and high-quality care.

- Network of 7,500+ licensed doctors
- Delivered over 4.6 million consultations
- Reached 10 million beneficiaries through health education, promotion and counselling
- 65 permanent e-clinics in underserved communities
- Serves 1,100+ corporations through B2B channels
- Featured in Forbes Asia's Top 100 Companies to Watch and Meaningful Business 100
- Winner of USAID SHIFT Prize
- Recognised by Microsoft for Startups and GAVI



[www.sehatkahani.com](http://www.sehatkahani.com)



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# SOLINAS INTEGRITY

S O L I N A S



INDIA

Water, Sanitation and Hygiene



Solinas Integrity uses robotics and AI to solve underground water and sanitation infrastructure challenges. Founded by IIT Madras alumni, the company develops technologies for pipeline inspection, manhole cleaning and enclosed-space operations, including Endobot and Homosep.

- Developed Endobot, a pipeline inspection robot
- Developed Homosep, a robot for cleaning manholes and septic tanks
- Focused on underground water and sanitation problems
- Built around robotics, AI and safer enclosed-space operations



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# THE WASHING MACHINE PROJECT



UNITED KINGDOM



Water, Sanitation and Hygiene

The Washing Machine Project tackles the global burden of handwashing clothes through the Divya manual washing machine, a low-cost, off-grid and flat-packable solution for low-income, displaced and water-scarce communities. The machine reduces time, effort and water use while improving hygiene, dignity and opportunity for women and girls.



- Tackles a handwashing burden affecting 60% of the world's population
- Divya saves up to 75% of washing time
- Uses up to 50% less water than handwashing
- Requires no electricity
- Over 3,000 machines distributed in 15 countries
- Major partners include Whirlpool Foundation, RS Group, UNHCR, Oxfam, Plan International and Care International
- Winner of UK Prime Minister's Points of Light Award and Engage for Good Halo Award



[www.thewashingmachineproject.org](http://www.thewashingmachineproject.org)



[nav@thewashingmachineproject.org](mailto:nav@thewashingmachineproject.org)

# ZOIE HEALTH

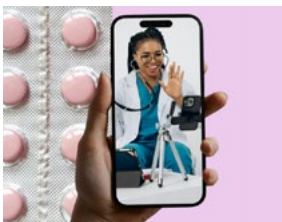


SOUTH AFRICA



Health

Zoie Health is Africa's first digital women's health clinic, offering telemedicine, online pharmacy services, contraceptive subscriptions, supplements, at-home STI testing and employee health benefits. Its platform provides accessible, discreet and affordable care for women from puberty to menopause through iOS, web and WhatsApp.



- Reached over 14,000 beneficiaries across B2B and D2C channels
- Mission to reach 100 million people
- Retail presence through Clicks, Dis-Chem and additional chains
- Corporate engagements with large employers including TFG and KFC
- Funding from Google for Startups and Allan Gray E<sup>2</sup>
- Supports blue-collar and frontline workers through employer-provided WhatsApp services



[www.zoiehealth.com](http://www.zoiehealth.com)



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