



ANNUAL REPORT

2023

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H2O Story

Established in 2019, Tayaba Welfare International Association (Tayaba) is actively combating Pakistan's water and sanitation crisis intensified by climatic disasters. The nation's vulnerability has left thousands in desperate need of emergency water and sanitation aid. Shockingly, over 21.7 million people lack access to clean water and sanitation due to insufficient infrastructure, disproportionately affecting women and causing 70% of households to consume contaminated water.

Tayaba's journey began with the innovative H2O (Help-2-Others) Wheel, simplifying clean water transportation. Over the past three years, driven by social innovation, Tayaba has expanded its solutions to improve water access, sanitation, and economic opportunities for impoverished communities in Pakistan. The use of blockchain technology ensures transparent and efficient resource distribution. Each H2O solution is carefully designed for lasting impact, from the user-friendly H2O Wheels to the resourceful H2O Solar Water Facility and the thoughtful H2O Hygiene Kit.

Tayaba's mission extends beyond clean water access, including sanitation initiatives and tokenized philanthropy, fostering holistic, impactful, and transparent programming. Tayaba's efforts have positively impacted over HALF A MILLION lives, envisioning a future where clean water and sanitation are fundamental rights accessible to all, empowering communities to thrive.



Mission

"Designing and delivering affordable innovations that enhance water accessibility, sanitation, and economic opportunities for impoverished communities. By leveraging blockchain technology and tokenized philanthropy, aiming to promote financial inclusion and empower marginalized populations."



Vision

"Increased accessibility of clean water and sanitation and creation of a dignified and transparent resource distribution process, for an equitable and prosperous world for all."

Message for The H2O Squad



Dear H2O Squad,

As we bid farewell to 2023, let's raise a glass of clean water – not just to celebrate but to rehydrate our ambitions. This year wasn't just about meeting goals; it was about shattering them.

From introducing 'H2O Air' (yes, we are now drinking water from thin air in Pakistan!) to solving the mystery of efficient and transparent donations using Blockchain, we've been busy breaking barriers. But wait, there's more! We didn't stop at H2O Wheels; we rolled out not one, not two, but six H2O Solutions, addressing everything from water to sanitation to income opportunities.

In 2023, we witnessed growth, resilience, and impactful strides. All made possible by our incredible H2O Squad – our mentors, team, partners, friends, and cheerleaders.

We held ourselves accountable, and you kept us on track! The result? Over HALF A MILLION LIVES impacted with life-saving water and sanitation solutions!

A special shoutout to the amazing Tayaba team! Your commitment to social impact has been the driving force behind reaching over half a million lives.

Imagine ten times the impact: 25 million lives water-secure before 2030. This audacious dream isn't just ours; it's a challenge we throw at you, the H2O Squad.

Our journey is a shared one; every action, and every effort matters. As we step into 2024, let's carry forward this spirit of accountability and create meaningful change together.

Hold us accountable! It's that simple! Join us on this continued H2O Journey. Together, we can achieve much more! Here's to a peaceful, just, and impactful new year 2024!

With all my gratitude and a thirst for more,
Nida Yousaf Sheikh, CEO, Tayaba Welfare International Association

Key Highlights of the Year



Empowered **HALF A Million** lives in Pakistan with clean water and sanitation.



Launched "H2O-Air," atmospheric water generator.



Expanded to 6 Sustainable H2O Solutions from H2O Wheel.



Scaled up renewable energy projects - installed 30+ H2O Solar Water Facilities.



Created income-generating opportunities through "H2OEmpower."

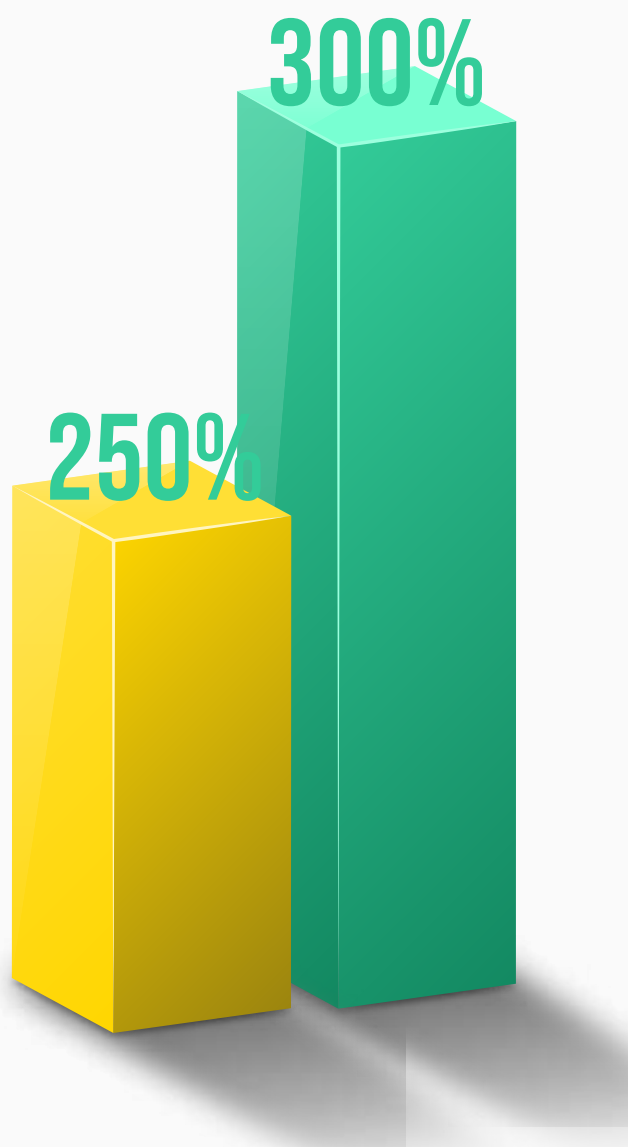


Pioneered "H2O-Chain," blockchain-powered resource distribution in Pakistan.



Made history, securing One Young World LEAD 2030 Challenge for Pakistan.

Financial Summary

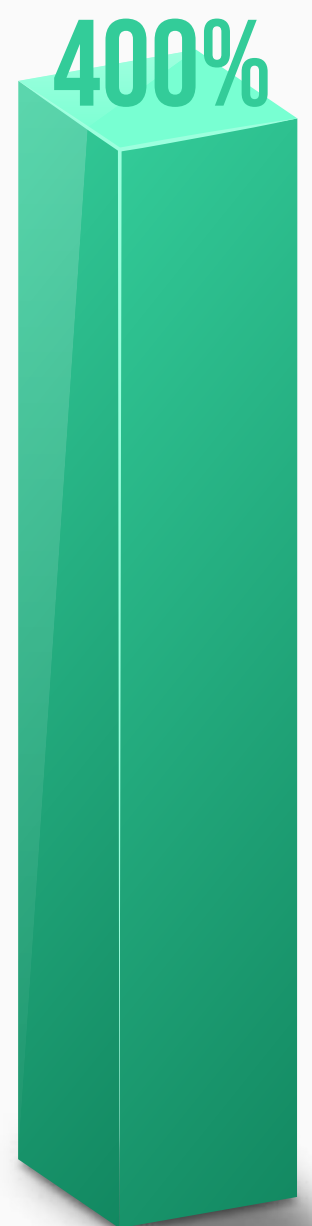


In 2022, Tayaba experienced a remarkable **250%** growth in donations, and in 2023, this growth surged further, reaching an impressive **300%** increase in revenue compared to the previous year.

1.5 times greater than the last year, significantly expanding its humanitarian aid initiatives through H2O Projects.

Converting **93%** of received funds into impactful projects,

Tayaba positively impacted over **HALF A MILLION** lives, providing essential access to clean water and safe sanitation.



H2O Project Spotlights

In response to the climate-induced challenges of 2022, Tayaba embraced 2023 with a resolute commitment to provide essential H2O assistance to both the **33 million flood survivors** and the **25 million enduring severe droughts**. Throughout 2023, Tayaba executed several impactful H2O Projects, some of which are spotlighted below:

Tayaba x Bayer Pakistan 2023

Collaborating on a Corporate Social Responsibility (CSR) initiative, Bayer Pakistan and Tayaba aimed to support underprivileged communities in Cholistan, Punjab, and Dadu, Sindh. This comprehensive project encompassed the distribution of



H2O Wheels
4,050



Menstrual Hygiene Kits (MHMs)
2,000
to flood-affected families



Portable Toilets
100

Impacting over **45,000+** individuals.



Moreover, in 2023, Tayaba was chosen among more than 100 organizations worldwide for the World River Run - Runblue campaign by Bayer Pakistan. This impactful initiative, led by Mina Guli, the founder and CEO of Thirst Foundation, an ultra-runner, and a global leader committed to safeguarding the world's water resources, aimed to raise awareness about the global water crisis. As part of this campaign, Bayer's employees actively participated in the Runblue initiative. For every kilometer run by their employees, a Euro was donated to Tayaba Organization, resulting in the accumulation of **100,000 Euros**. These funds were earmarked to enhance access to clean water for underserved communities in Pakistan.

Furthermore, our H2O Wheels were showcased at the German Consulate Karachi for #GermanReunificationDay by Bayer Pakistan. It was an honor to have our innovation and the impact it created in improving clean water access for thousands in rural Pakistan recognized and appreciated.

Implementation Partners

For Cholistan

For Dadu



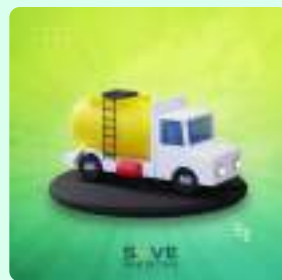


Tayaba x Coca Cola Pakistan 2023

In partnership with the Coca Cola Company, Tayaba provided H2O Wheels to **1,000 households** affected by floods in Thatta, Sindh. Subsequently, the Coca Cola Company received recognition for this initiative, being honored with the 'National Water Award' under the 'Best Industry for CSR Activities' annual awards.

Implementation Partners





SavePakistan Campaign

In 2022, Tayaba made blockchain history by leveraging digital currency and NFTs tied to real-world relief items for philanthropy, raising funds to provide relief items to flood survivors. Following the success of its first SavePakistan intervention in 2022, providing H2O relief items to over 2000 individuals in Mirpurkhas, in January 2023, Tayaba extended its relief efforts to Dadu and Umerkot, identified as severely flood-impacted districts. Collaborating with the Sami Foundation, Tayaba aimed to address the local population's food, sanitation, and hygiene requirements through a comprehensive flood relief package.

Essential H2O Relief Items for Flood Survivors



H2O Ration Bags

200 bags containing dry food items were distributed to sustain a family of 8 for approximately 15 days, providing vital sustenance during this challenging time.



H2O Hygiene Kits

200 comprehensive hygiene kits (including H2O Pads and H2O Soaps) were distributed, addressing essential hygiene needs in challenging conditions and ensuring the well-being of individuals facing adversity.



H2O Wheels

200 wheels capable of storing and transporting up to 40 liters of water were provided to flood-affected families, significantly impacting over 1400 survivors.



H2O Hand Pumps

Three hand pumps were installed, bringing clean and safe water within reach for over 100 survivors, providing a simple and efficient way to extract and pump clean water from underground sources.



H2O Portable Toilets

In response to the urgent need for sanitation facilities, 10 environmentally friendly portable toilets were strategically constructed in Umerkot, benefitting over 100 flood survivors.



H2O Homes - Sustainable Shelters

12 temporary shelters, constructed using locally sourced materials like mud and bamboo sticks, provided roofs for over 80 individuals affected by the floods, ensuring minimal environmental impact and offering immediate relief and security.

This comprehensive and multi-faceted intervention exemplified Tayaba's commitment to holistic relief efforts, showcasing the power of blockchain philanthropy in addressing the aftermath of natural disasters.

Nisa Global Foundation x Tayaba

Nisa Global Foundation partnered with Tayaba Welfare International Association for a CSR project in Rajanpur, Punjab. This initiative distributed H2O Wheels, benefiting families in "Basti Sabzali, UC Chak Shikari." Implemented in collaboration with Sangtani Women Rural Development Organization, the project aimed at promoting women's empowerment, community development, and sustainable agriculture practices. The larger initiative included distributing 200 H2O Wheels and installing 2 solar submersible water pumps, with Nisa Global Foundation funding 30 of the H2O Wheels.



313 Fitness Club - H2OPE Campaign

313 Fitness Club partnered with Tayaba in the 2023 H2OPE Campaign, channeling donations for the Water Works (H2O Wheels & H2O Solar Water Facilities) and Sanitation Security (H2O Hygiene Kits & H2O Toilets) bundles. The collaboration resulted in the installation of H2O Solar Water Facilities in Rajanpur and Layyah, Punjab, Pakistan. These facilities not only ensured long-term access to clean water but also supported local livelihoods by engaging in construction, aiding livestock and agricultural practices, and providing income-generating opportunities for the community.



Scaling H2O Solar Water Facilities



In 2023, our primary focus was on advancing green infrastructure to foster climate resilience. Given Pakistan's position among the world's top 10 most climatically vulnerable nations, our overarching goal was to implement enduring and sustainable solutions. This dedication materialized in the significant expansion of H2O Solar Water Facilities in rural areas of Punjab and Sindh, Pakistan. The installation of over 30 Solar Water Facilities stands as a testament to our commitment to providing long-term access to clean water, catering not only to drinking needs but also supporting livestock and agricultural practices. This strategic initiative aligns with our mission to contribute to green infrastructure, promoting sustainable practices for climate action in the region.

H2O Innovations

Under various additional H2O Projects, Tayaba prioritized the expansion of its H2O Solutions distribution. This year's progress was remarkable!

H2O Chain:

In 2022, after pioneering NFTs for fundraising and becoming the first Pakistani social enterprise to tap digital currency for flood survivor funds, Tayaba aimed to leverage blockchain technology for efficient and transparent philanthropic resource distribution.

In 2023, Tayaba successfully launched its first tokenization of philanthropy project in Pakistan, making history by distributing H2O Wheels to 100 female-headed households in the Ghotki district of Sindh through blockchain technology. Rumsan Rahat, a UNICEF-funded open-source blockchain-based aid distribution platform, enabled Tayaba and SRSO, the local implementation partner, to manage and oversee the aid distribution project through the blockchain dashboard. The platform allowed for real-time tracking of distribution activities, and beneficiaries received H2O Wheels by redeeming QR cards/tokens.

In this pilot project, the resource distribution process, which initially took days to complete, was accomplished in just a few minutes, marking a 99.7% improvement in resource distribution efficiency. Beneficiaries rated the process with a perfect 5/5 satisfaction score, highlighting the simplicity and ease of aid reception.

Our H2O Chain project's performance and impact were also recognized as one of the 8 Best Blockchain Projects Disrupting Humanitarian Aid and Transforming the world of Philanthropy.



HAVE A LOOK



"Using QR cards was quick and easy. We (the beneficiary's family) got our H2O (Help-2-Others) Wheels in seconds!"

- Samina Bano, a resident of rural Sindh, Pakistan.

H2O Air:

In 2022, our focus was on extensive research and testing of technology to generate water from the air. In the following year, 2023, we achieved a significant milestone by successfully introducing "H2O Air," an innovative atmospheric water generator that harnesses renewable energy sources i.e., air to generate clean water. This groundbreaking initiative was showcased at Pakistan's premier technology conference, Future Fest 2023, where it received widespread recognition and appreciation. Not only did it resonate with the general audience, but it also garnered praise from notable personalities in policy development and the technology sector. The integration of renewable energy in "H2O Air" not only exemplifies our commitment to sustainability but also positions us as pioneers in the intersection of technology and environmental consciousness.





H2O Stories





"My child's stomach used to always stay upset. With no clean water to drink, our village had been struggling for years and the recent floods made it worse. Thank you to Team Tayaba for H2O Wheels and H2O Solar Water Facilities. H2O Wheel seems like a vehicle to us which carries water on its own, relieving us of the burden. We use water not just for our families but also our livestock. Our health has improved. We are grateful."

- Jheemi, resident of District Umerkot, Sindh



"This time we received relief products differently. Tayaba's Team members gave us a card, we took it to a desk, and they scanned it, and we got the H2O Wheel. It was very simple, easy, and quick. It felt like I was at the market for shopping."

- Jheemi, resident of District Umerkot, Sindh



"My daughter and I used to wait until midnight to go and relieve ourselves in a dark secluded place. Fear of harassment always haunted us. No one ever paid attention to our needs until Team Tayaba arrived with H2O Toilets. It's safe, secure, and close to our houses. We are happy to see the men who never paid attention to this issue now being involved in the creation of these toilets."

- Saamina, resident of District Dadu, Sindh



"For years, I relied on rags for my menstrual cycle, enduring cramps and pain as I went about my daily activities. Little did I know, these unsafe rags were contributing to my illnesses, until Team Tayaba visited our village with their H2O Pads. These pads are not only comfortable and reusable, making menstrual management easier, but they've also opened up opportunities for me to earn money for my family by participating in the creation of these pads."

- Sumbul, resident of Cholistan, Punjab.

Taking the Stage: H2O Team's Impactful Voices in 2023

Keynote Speech at Future Fest 2023

At the Future Fest 2023, our founder, Bilal bin Saqib, delivered a Keynote Speech to an auditorium full of audiences, shedding light on the potential of blockchain for good, with Tayaba being its core example of a successful use case of blockchain for philanthropy. The session not only inspired the youth regarding the potential of Web3 but also grabbed the attention of many notable personalities with their interest in executing projects in collaboration with Tayaba for water and sanitation accessibility in Pakistan.

Moreover, our kiosk at the Future Fest 2023 that showcased Tayaba's H2O Solutions had an overwhelmingly positive response in terms of people showing interest in the H2O Solutions, making donations to share our H2O gift cards with their loved ones, or trying out the clean water being made from air through our H2O Air.



Accelerating Change at One Young World Summit (OYW) 2023:

Our CEO, Nida Yousaf Sheikh, represented the **22M+ people** in Pakistan who still lack access to clean water and sanitation at the #OYWSummitBelfast2023, alongside global social leaders from 190 countries. Nida shared the impact created by the H2O Solutions in her plenary session on "Water and Sanitation." Not only this, but Nida also had the opportunity to lead a session for 40 young global leaders on the power of social innovation and collaboration to increase access to water and sanitation around the world.



COP28 UAE

The H2O Team participated in COP28 UAE, leveraging it as an opportunity to shed light on Pakistan's climatic vulnerability. During the event, the team actively raised awareness about the challenges faced by Pakistan and emphasized the urgent need for action among young change-makers to combat climate change.



H2O Achievements



1 to 6 H2O Solutions

In less than three years since its inception, Tayaba has achieved significant milestones in the realm of water and sanitation accessibility. We have positively impacted over HALF A MILLION individuals by providing access to clean water and essential sanitation resources. What began as the introduction of the innovative H2O Wheel for easy clean water transportation has now evolved into a comprehensive portfolio of unique H2O Solutions, catering to diverse water and sanitation accessibility needs.

LEAD 2030 Award

Nida Yousaf Sheikh, as the CEO of Tayaba, had the honor of becoming the first Pakistani social innovator ever to win the Young Leader Award in "One Young World's LEAD 2030 Challenge" for SDG 6. One Young World's Lead 2030 Challenge is a globally renowned initiative and highly competitive recognition with less than a 1% acceptance rate, with a mission to accelerate green solutions aligning with the United Nations Sustainable Development Goals (SDGs).



LUMS VC AAA and Global Recognitions

Additionally, Nida received the Vice Chancellor's Alumni Achievement Award 2023 from her Alma Mater, LUMS, acknowledging her accomplishments in sustainability and social transformation, especially Tayaba's substantial impact on improving millions of lives.

Our commitment and dedication to this cause, notably through our H2O solutions, have been widely endorsed and appreciated by key stakeholders such as EU Ambassador Dr. Riina Kionka, Princess Sarah Zeid, Nobel Laureate Malala Yousafzai, and numerous other activists, politicians, leaders, and educators.

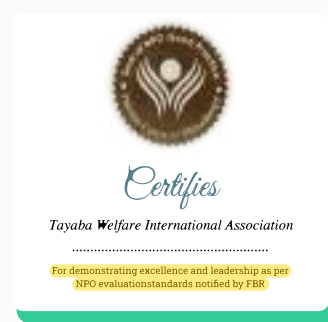


Most Excellent Order of the British Empire (MBE) Award

Tayaba's founder, Bilal Bin Saqib, was honored with the prestigious Most Excellent Order of the British Empire (MBE) award. This recognition celebrates his commitment to humanitarian assistance, particularly highlighted by his impactful project 'One Million Meals,' launched during the COVID-19 pandemic. Bilal Bin Saqib's dedication to integrating innovation into philanthropy not only brings immense pride to our organization but also recognizes him as a compassionate force driving positive change.

Media Endorsements

In 2023, our initiatives, achievements, and representation at global summits garnered endorsements and recognition from various national and international media channels. This heightened visibility served as more than just a spotlight on Tayaba's work; it became a call to action. Our mission goes beyond delivering aid — it's an invitation to young leaders worldwide, urging them to unite and champion the cause of Climate Action. The Earth is our collective responsibility, a shared home demanding our collective efforts to safeguard its health.



Partnerships and Collaborations

In 2023, Tayaba significantly broadened its network of partners, establishing collaborations with more than **40+** on-ground partners, **5+** corporate partners, **3** technology partners, and **2** manufacturing partners, reinforcing our commitment to innovation and sustainable solutions.



Future Goals & Strategy

In envisioning the future of Tayaba, we recognize the intricate interplay between water, climate action, and gender dynamics. Our vision extends beyond providing access to clean water; it encompasses a holistic understanding of the challenges faced by communities. Climate change significantly impacts water availability and quality, influencing the vulnerabilities of the marginalized. Moreover, gender dynamics play a crucial role, as women, often primary caregivers, bear the brunt of water-related burdens.

Our commitment involves not only mitigating water-related challenges but addressing their broader implications. We aim to empower women by acknowledging their pivotal role in water management and involving them in decision-making processes. By integrating gender-inclusive strategies, we contribute to the resilience of communities facing climate-induced water scarcity.

In the future, Tayaba's focus will not only be on water security but on fostering climate resilience through gender-inclusive solutions. Through technological innovation, financial sustainability, and strategic partnerships, we aspire to create a future where the interdependence of water, climate, and gender is understood and addressed. This approach, grounded in intersectionality, lays the foundation for our mission to amplify our impact **10x** and achieve water security for **25 million** lives before 2030.



2023

THANK YOU

Give a little. Change a lot.

JOIN US FOR

#Help2Others
#ClimateActionNow
#CleanWater&Sanitation
#BlockchainForGood



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