



WATER, SANITATION AND HYGIENE PROGRAMME

ANNUAL REPORT 2024

**WATER, SANITATION
AND HYGIENE PROGRAMME**
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ABOUT BRAC

The journey began in 1972 in the newly sovereign Bangladesh, and over the course of our evolution, we have been playing the role of recognising and tackling the many different realities of poverty. We have, therefore, developed support services in the areas of human rights and social empowerment, education and health, economic empowerment and enterprise development, livelihood training, environmental sustainability, and disaster preparedness across Asia and Africa.

VISION

A world free from all forms of exploitation and discrimination where everyone has the opportunity to realise their potential.

MISSION

Our mission is to empower people and communities in the situation of poverty, illiteracy, disease and social injustice. Our interventions aim to achieve large scale, positive changes through economic and social programmes that enable women and men to realise their potential.

VALUES

Integrity
Innovation
Inclusiveness
Effectiveness

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MESSAGE FROM EXECUTIVE DIRECTOR

Globally, one in four people still lacks access to safely managed drinking water, with 80% of those affected living in rural areas. The climate crisis is further intensifying this challenge.

Bangladesh has made significant progress in expanding access to safe water, sanitation and hygiene. However, as conditions evolve, so do the challenges—and much work remains. Today, nearly half of the population still does not have access to safely managed water. Climate-related impacts are compounding the situation: salinity intrusion in coastal regions now extends over 100

kilometers inland, while water scarcity in the Barind tract continues to affect groundwater sources and agricultural land.

Recent studies highlight that households living in poverty often disproportionately pay more for access to clean drinking water, underscoring the issue's deep connection to economic inequality. Addressing this requires innovative, locally driven solutions and stronger, more inclusive partnerships.

In 2024, approximately 390,000 people were reached through interventions such as water treatment plants, deep tube wells, rainwater harvesting

systems, improved sanitation facilities and emergency Water, Sanitation and Hygiene (WASH) services. Efforts also focused on expanding access to finance for safely managed WASH services through microfinance networks and other financial institutions and strengthening school-based WASH facilities through local management committees.

In addition, geo-hydrological studies, including electro-resistivity surveys, are being conducted to identify aquifers and recharge zones, alongside pilot initiatives on Integrated Water Resource Management in selected areas.

These efforts build on a long-standing commitment: since 2006, BRAC's WASH programme has enabled 2.8 million people to gain access to safe drinking water, and improved hygiene and sanitation for 44 million people.

Looking ahead, the growing impacts of climate change and pollution on water resources call for adaptive and forward-thinking

solutions. BRAC will continue to strengthen water and sanitation supply chains in climate-vulnerable areas, including chars (river islands), support local entrepreneurs in adopting climate-resilient technologies, and foster research-driven partnerships to develop context-specific solutions, particularly in the water-stressed Barind region of northwestern Bangladesh.

The collaborative efforts of government, non-governmental organisations, the private sector and civil society—so critical to past achievements—will remain essential in tackling these emerging challenges. Together, we will continue working alongside communities to ensure safe water, sanitation and hygiene for all.

Asif Saleh
Executive Director
BRAC



MESSAGE FROM SENIOR DIRECTOR

BRAC formally launched its stand-alone Water, Sanitation, and Hygiene (WASH) programme in 2006 and since its inception the programme has been delivering community-level WASH services. The programme is dedicated to breaking cycles of contamination, providing sustainable WASH services, and ensuring the continued growth and impact of BRAC WASH. Over the years, it has driven significant societal change, particularly in improving rural sanitation for the poorest households, and has aligned its efforts with Sustainable Development Goal 6, with a focus on underserved, hard-to-reach, and climate-affected communities.

Since its inception, the programme has implemented numerous initiatives to improve access to safe drinking water, hygienic latrines, and WASH

facilities in schools. To date, BRAC WASH has provided safe drinking water to 2.8 million people, hygienic latrines to 44.24 million people, and WASH facilities to 6,785 secondary schools. The programme has also distributed sanitation grants to 1,987 ultra-poor individuals, installed around 400 water treatment plants and 37 piped water networks, and supported the development of approximately 4,000 WASH entrepreneurs, including water distribution vendors, across Bangladesh.

In 2024, alongside expanding access to WASH services, the programme focused on strengthening synergies with other BRAC initiatives, fostering partnerships with external stakeholders, and piloting innovative water and sanitation technologies for hard-to-reach and climate-vulnerable areas. Through microfinance loans and

grants, the programme enabled safely managed drinking water access for 126,732 people and safely managed sanitation for 70,586 people. Inclusive and disability-friendly WASH services reached 118,667 students in educational institutions, while 228 WASH entrepreneurs were developed or strengthened to ensure services reached communities' doorsteps.

BRAC WASH's collaborative approach extends beyond its core programmes. Through regular engagement with government agencies—including the Department of Public Health Engineering, the National Institute of Local Government, and local government engineering offices—the programme works to strengthen systems and promote sustainable solutions. For instance, in 2024, the WASH in Schools project organised

inception meetings with local government representatives, secondary education officers, and engineering officials, fostering collaboration and enabling informed decision-making for effective project implementation. In the year 2024, the collaboration of BRAC WASH programme with Microfinance and Integrated Development Programme alone generated financing of about BDT 1,260 million as loan fund for installation and repairment of 14,512 WASH facilities in 45 Upazillas under 14 districts of Bangladesh.

The programme also partners with other BRAC initiatives, including the Health, Microfinance, Ultra-Poor Graduation, Integrated Development, and Disaster Risk Management programmes, as well as external organizations such as the MHM Platform, Rajshahi University, BRAC University and WaterAid Bangladesh, to work toward shared WASH objectives.

Through these efforts, BRAC WASH continues to advance its vision of ensuring safe, sustainable, and inclusive water, sanitation, and hygiene services for all, particularly the most vulnerable communities in Bangladesh.

Hossain Ishrath Adib
Senior Director
BRAC



LIST OF ACRONYMS

WASH	Water, Sanitation and Hygiene
MF	Microfinance
NILG	National Institute of Local Government
IWRM	Integrated Water Resource Management
MHM	Menstrual Hygiene Management
IDP	Integrated Development Programme
BMDA	Barind Multipurpose Development Authority
DPHE	Department of Public Health Engineering
WTP	Water Treatment Plant
ETP	Effluent Treatment Plant
MAR	Managed Aquifer Recharge

EXECUTIVE SUMMARY

BRAC’s WASH Programme continues to play a transformative role in expanding equitable, inclusive, and climate-resilient water, sanitation, and hygiene services across Bangladesh. Building on decades of community-driven work, the programme focuses on reaching ultra-poor and marginalised populations in climate-vulnerable and hard-to-reach areas through systems strengthening, innovation, and partnerships. To date, BRAC WASH has provided safe drinking water to 2.8 million people, hygienic sanitation to over 44 million people, and WASH services in thousands of schools, while nurturing a

strong ecosystem of WASH entrepreneurs.

In 2024, the programme prioritised safely managed services, climate resilience, and internal and external synergies. Key achievements include expanding safely managed water and sanitation in climate hotspots, strengthening school WASH with a focus on gender, disability inclusion, and menstrual hygiene, and piloting market-based models for water treatment in industrial areas. Strategic partnerships with government institutions, charity: water, WaterAid, UNICEF, and private-sector actors enhanced scale, sustainability, and innovation.

BRAC WASH also played a critical role in emergency response, delivering life-saving WASH interventions during major floods in eastern and north-eastern Bangladesh, reaching hundreds of thousands of affected people. Looking ahead, the programme will scale climate-resilient technologies, strengthen community ownership, innovate financing mechanisms, deepen integration with health, education, and livelihoods, and enhance learning and knowledge-sharing to ensure sustainable and resilient WASH services for all.





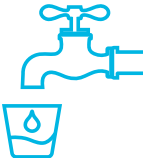
বার্তা সমূহঃ-
১. স্যান্ডেল/জুতা পায়েরা দিয়ে লাগিয়ে নেওয়া যাবে।
২. সব সময়ে স্যান্ডেল/জুতা পরিষ্কার রাখতে হবে।
৩. লম্বা হাতের প্যান্ট পরতে হবে।
৪. লম্বা হাতের প্যান্ট পরতে হবে।
৫. প্যান্টের পিছনে লম্বা হাতের প্যান্ট পরতে হবে।
৬. প্যান্টের পিছনে লম্বা হাতের প্যান্ট পরতে হবে।
৭. প্যান্টের পিছনে লম্বা হাতের প্যান্ট পরতে হবে।
৮. প্যান্টের পিছনে লম্বা হাতের প্যান্ট পরতে হবে।

CHAPTER 1 INTRODUCTION

INTRODUCTION

BRAC has long played a pioneering role in expanding access to essential Water, Sanitation, and Hygiene (WASH) services across Bangladesh, building on decades of community-driven development efforts prior to the programme’s formal launch in 2006. Over time, the WASH programme has grown into a comprehensive, systems-strengthening initiative dedicated to improving the health and well-being of the ultra-poor and most marginalised populations in climate-vulnerable hard-to-reach areas. With a commitment to ensuring universal, equitable, and affordable access to safe water, sanitation, and hygiene, the programme works toward a transformative vision leveraging innovative technologies, strategic financing mechanisms, and strong multi-stakeholder partnerships to deliver sustainable and inclusive WASH solutions at scale.

Since its inception, the programme has implemented numerous projects to improve access to safe drinking water, hygienic latrines, and WASH facilities in schools. To date, BRAC WASH has provided:



2.8
million people have access to safe drinking water



44.24
million people have access to hygienic latrines



6,785
secondary schools have WASH facilities



1,987
ultra-poor individuals sanitation grants



400
water treatment plants were installed



37
piped water networks were installed



4,000
WASH entrepreneurs were developed

Along with ensuring access to water, sanitation, and hygiene services for targeted communities, the programme in 2024 focused on creating synergies with other BRAC programmes, strengthening partnerships with external stakeholders, and developing and continuing pilot initiatives to identify appropriate water and sanitation technologies for hard-to-reach and climate-vulnerable areas. With a view to increasing access to safely managed water and sanitation services in the targeted areas, the programme in 2024 provided:



126,732
people have access to safely-managed drinking water



70,586
people have access to safely managed sanitation



118,667
students with access to inclusive and disable friendly WASH services



228
WASH entrepreneurs developed/strengthened

BRAC WASH’s collaborative approach went beyond its core programmatic activities. By engaging regularly with government agencies—including the Department of Public Health Engineering, the National Institute of Local Government, and local government engineering offices—the programme aimed to strengthen systems and promote sustainable solutions. The programme also delivered diverse WASH services in partnership with other BRAC initiatives, including the Health Programme, Microfinance Programme, Ultra-Poor Graduation Programme, Integrated Development Programme, and Disaster Risk Management Programme. In addition, BRAC WASH collaborated with external partners such as the MHM Platform and WaterAid Bangladesh, working together toward shared objectives.



CHAPTER 2 WASH PROGRAMME APPROACHES AND STRATEGY

WASH PROGRAMME

APPROACHES AND STRATEGY

2.1 Approaches

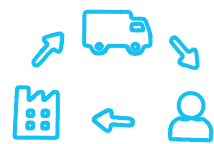
To meet the water, sanitation, and hygiene needs of people living in poverty and extreme poverty, BRAC's WASH programme delivers community-based, integrated, and affordable services. In Bangladesh, delivering

these services has become increasingly challenging due to climate impacts and water contamination, especially in coastal areas, the Barind region, chars, floodplains, and haor wetlands. To respond to these challenges, the

programme applies a four-pillar approach designed to ensure inclusive, affordable, and sustainable WASH services in climate-vulnerable and hard-to-reach areas:



Creating Demand



Ensure Supply



Appropriate Financial Arrangements



Strengthening of The Enabling Environment

Creating demand is the first pillar where community participation is ensured for awareness creation on safely managed water and sanitation services

The second pillar supports the WASH entrepreneurs to **ensure supply** at the doorstep of the community

The third pillar entails **appropriate financial** arrangements which are delivered in the intervention areas in collaboration with Microfinance (MF) programme establishment and expansion of water businesses and installation of water and sanitation facilities at the household level

The fourth pillar includes the **strengthening of the enabling environment** through engagement of local government and other stakeholders by increasing advocacy and collaboration for smooth service delivery and resource mobilisation.



Expand alternative WASH financing to increase access to safely managed water and sanitation for low-income, hard-to-reach and climate-vulnerable communities, leveraging BRAC Microfinance and new partnerships with financial institutions.



Strengthen WASH in schools by installing gender-responsive, disability-friendly and climate-resilient water, sanitation, hand hygiene and MHM facilities, ensuring long-term operation and maintenance through School Management Committees.



Pilot digital platforms (e.g., Ananya app) to promote improved hygiene and menstrual hygiene behaviours among adolescents, communities and workplaces, integrating digital tools across BRAC programmes for cost-effective behaviour change.



Pilot climate-resilient water technologies in the Barind region through partnerships with WaterAid, BMDA, DPHE and research institutions, generating evidence for future scale-up and contributing to national climate adaptation priorities.



Drive gender equality, climate resilience and inclusion across all WASH services, ensuring solutions are accessible, safe, and tailored to women, persons with disabilities and vulnerable groups.



Strengthen collaboration and partnerships with BRAC programmes, government agencies, sector platforms and private organisations to enhance service quality, innovation, and sector-wide impact.



CHAPTER 3

PROGRAMME ACHIEVEMENTS



PROGRAMME **ACHIEVEMENTS**

3.1 Equitable & Sustainable WASH Services in Bangladesh Delta Plan Hotspots 2022-2026

Bangladesh's low-lying geography makes it highly vulnerable to climate change, with increasing risks from irregular rainfall, droughts, flooding, cyclones, and salinity



Alternative financing meaning grants for ultrapoor and repayable finance for other households and WASH entrepreneurs, reaching schools in the project areas with safe WASH services

intrusion that threaten food security, poverty reduction, and sustainable development. In response, the project aims to deliver safe, climate-resilient water and sanitation services



Capacity development of entrepreneurs for strengthening Operation and maintenance system and building an ecosystem for climate resilient WASH technologies and services

and sustain them in four climate hotspots, prioritising marginalised communities through three strategic pathways:



Collaboration with NILG for strengthening the capacity of local government institutions to ensure sustainability of the efforts as per pro-poor and other govt. policy

Project Achievements:



85,208
of programme participants covered with safely managed sanitation services



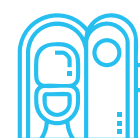
186,125
of programme participants covered with safely managed water services



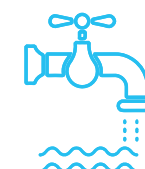
51
schools received WASH facilities



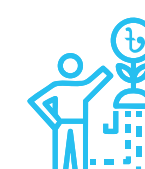
23,552
students benefited



2028
ultra-poor households received sanitation latrine



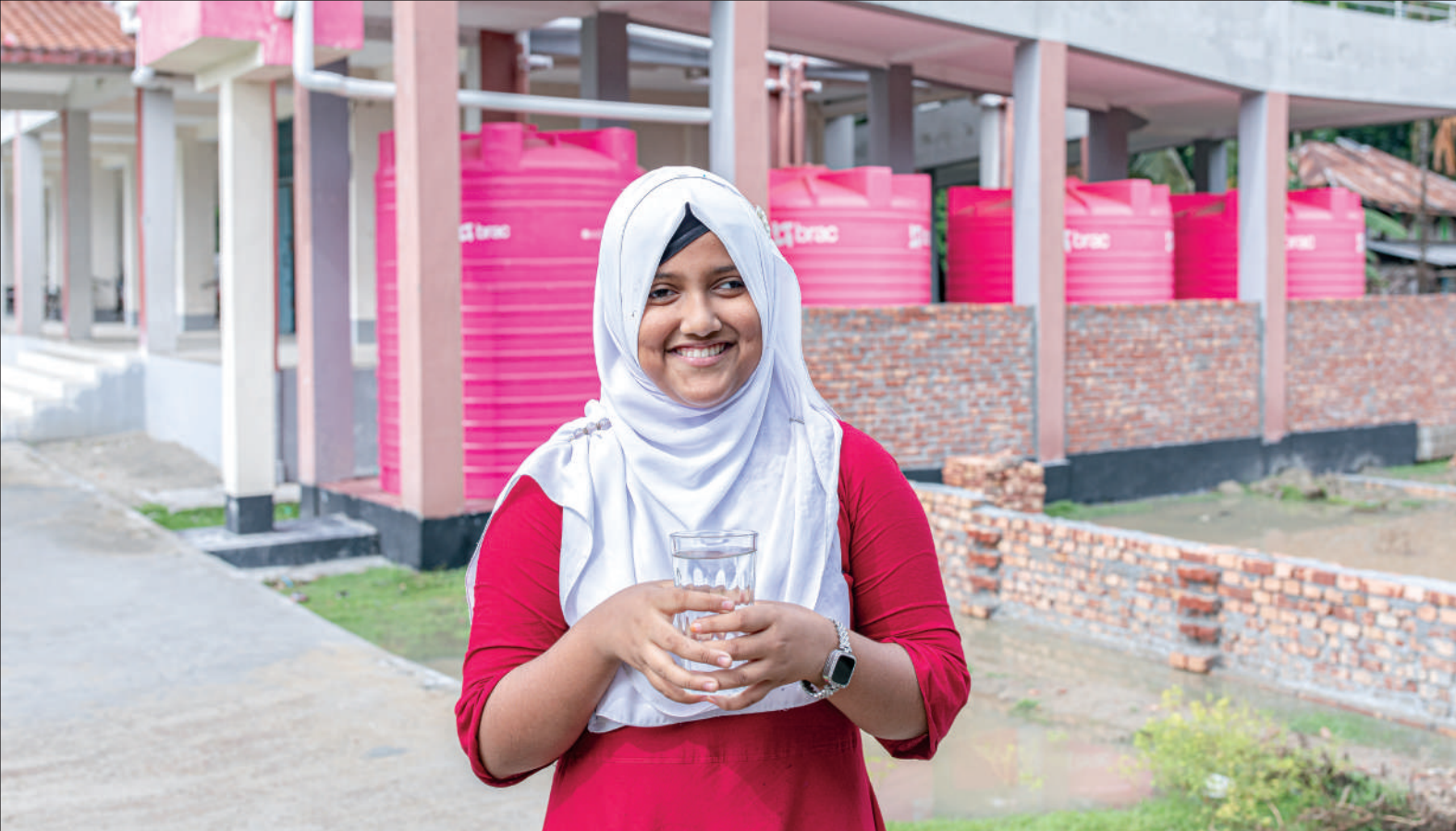
11
Piped-water network established



114
water entrepreneurship developed/expanded



102
of sanitation entrepreneurship developed/expanded



3.2 Increase access to improved water, sanitation and hygiene services in schools across Bangladesh

The **Increase Access to Improved Water, Sanitation and Hygiene Services in Schools across Bangladesh** project aims to ensure universal and equitable access to safe drinking water and sanitation in secondary schools. Funded by charity: water and implemented by BRAC WASH, the project

is renewed annually and is transitioning towards a Multi-Year Plan. It follows four key approaches: safe drinking water and handwashing facilities, gender-sensitive and disability-inclusive latrines, menstrual hygiene management, and hygiene education. In 2024, the

project supported 215 secondary schools, selected based on criteria including MPO-listed girls' and co-education schools, inadequate existing WASH facilities, cost-sharing willingness, and commitment to proper operation and maintenance. The objective include:



Ensure access to safe water, improved sanitation, and proper hygiene practices for school children, creating a healthy learning environment.



Promote behavioral change among students and school communities,



Build sustainable WASH facilities in schools through collaborative engagement with government bodies, local communities, and development partners.

Project Achievements:



215
educational institutions equipped with disability-friendly and gender inclusive WASH services



91,682
(Girls: 47,450, Boys: 44,232) students reached with access to safe drinking water



23
latrine blocks for girls in 23 educational institutions, equipped with MHM facilities, reaching 5,420 girls students



215
schools had soap drive and napkin drive to ensure availability of soap and napkin



731
clean up drive organised in 215 schools



1,606
hygiene sessions conducted in 215 schools



215
Waste bins provided in 215 schools



3.3 Safe Water for All: A New Partnership for Growth

BRAC has partnered with commercial entities such as Grundfos to address safe drinking water shortages and industrial pollution in Bangladesh by strengthening Water Treatment Plants (WTPs) and Effluent Treatment Plants (ETPs) in industrial areas. This partnership aims to reduce

environmental pollution from industrial effluents while improving access to safe and affordable drinking water. The initiative combines development and business objectives by promoting sustainable economic growth, creating livelihoods and jobs in water treatment and distribution,

serving over 200,000 people with safe water, and establishing a commercially viable model for industrial effluent management and safe water delivery.

Project Achievement/Key Learnings:

During this period, the project was unable to fully achieve its intended targets; however, it provided valuable insights for implementing similar projects in the future



Building trust in new technologies:

Awareness campaigns, practical demonstrations, and local equipment inspections are essential to increase transparency and customer confidence in product quality.

Engaging in these activities helps strengthen trust and acceptance of new technologies.



System options and pricing strategies:

Offering diverse system options and tailoring pricing strategies to customer needs enhances system resilience and business sustainability.

Addressing financial constraints through flexible pricing and payment options is particularly important for low-income consumers.



Entrepreneurial engagement and support:

Timely, consistent, and rapid support is crucial for maintaining motivation and preventing disengagement.

Delays in design, supply, or installation can reduce entrepreneurial commitment, whereas effective support throughout the process fosters engagement and business growth.



CHAPTER 4

EMERGENCY RESPONSE

EMERGENCY RESPONSE

4.1 Eastern Flash Flood Response

On 22 August 2024, Bangladesh experienced a severe flash flood which ravaged the eastern region of the country. Over 5.8 million people in 11 districts were affected with thousands displaced from their homes due to being inundated. (BRAC, September 01, 2024). BRAC launched a comprehensive response from the earliest moments of the crisis, with a 5,000-person team of first responders, technical specialists

and medical professionals deployed. To restore WASH services in the affected districts, BRAC WASH Programme initiated interventions in two phases. In the first phase, BRAC WASH Programme has worked in 6 districts (Cumilla, Feni, Noakhali, Chattogram, Laxmipur and Khagrachari) where the programme has disinfected and repaired tube wells and distributed safe drinking water and water purification tablets.

In the second phase, the programme has been working in 4 districts (Cumilla, Feni, Noakhali and Laxmipur) where the programme is restoring WASH facilities at educational institutions and shelters, constructing tube-well platforms, constructing latrines at households, and distributing hygiene kits at educational institutions.



259,929
flood affected people received WASH support



14,598
Tube-wells disinfected



5,501
Tube-wells repaired



89,330
Water purification tablets distributed



16,500
Litres of drinking water distributed



160
WASH facilities restored at educational institutions and shelters



1,276
latrines constructed at households



800
tube-well platforms constructed



112
hygiene-kits distributed at educational institutions

4.2 Sylhet Flood Response

On 30 May 2024, severe flash floods triggered by heavy monsoon rainfall inundated parts of Bangladesh's Sylhet Division, affecting over 2 million people, including 772,000 children, and forcing more than 51,000 people to take shelter. Extensive damage was reported to water and sanitation infrastructure, with

tens of thousands of tube wells and latrines fully or partially damaged, while nearly half of the Child Protection Community Hubs in Sylhet, Sunamganj, Moulvibazar, and Habiganj were flooded, impacting over 130,000 children.

In response, UNICEF activated a contingency partnership

with BRAC, under which the BRAC WASH Programme implemented integrated, life-saving emergency interventions across WASH, Health, Nutrition, Education, and community engagement to support flood-affected populations in the four districts of Sylhet Division.



103,980
people's (51,912 male and 52,068 female) access to water facilities ensured, among which 57,301 were children



490
water points (tubewell) repaired (325 household level and 165 at shelters)



650
tube-wells disinfected at household level



24,998
people's (11,740 male and 13,258 female) access to sanitation facilities ensured, among which 6366 were children



730
latrines were disinfected and repaired at household level (disinfected 325 latrine and repairs 405 latrines)



CHAPTER 5
INTERNAL SYNERGY

CHAPTER 5

INTERNAL SYNERGY



INTERNAL SYNERGY

5.1 BRAC Health Programme (Community Clinic)

In 2024, the BRAC WASH Programme strengthened its collaboration with the BRAC Health Programme to enhance community health outcomes. A major focus of this synergy was the joint support provided to a community clinic for infrastructure development and environmental beautification, ensuring that essential health services are delivered in

clean, safe and user-friendly environments.

As part of this initiative, the WASH Programme provided significant technical support to the Health Programme for upgrading WASH facilities at Mohadanga Community Clinic in Porsha, Naogaon. This comprehensive improvements were completed in February

2024. These upgrades not only enhanced the clinic's physical surroundings but also contributed to improved service delivery, ensured inclusive accessibility, and a better experience for community members, especially women, children, and persons with disabilities.

Key Enhancements Implemented in Mohadanga Community Clinic Through WASH Support

Renovation of WASH facilities: Two hygienic, gender-segregated latrines (one male and one female) were constructed and rehabilitated, promoting safe sanitation practices for clinic visitors and staff.

Improved access to water facilities: A functional deep tube well equipped with a submersible pump and a 300-liter reserve tank was

installed, along with an extended piped water network.

Introduction of a breast-feeding corner: A dedicated breast-feeding corner was established to provide a private and safe space for lactating mothers visiting the clinic.

Development of an inclusive complex: To ensure accessibility for persons with disabilities, an entrance ramp

was constructed in the clinic complex and both toilets were made disability-friendly.

Environmental beautification and patient-friendly facilities: A new waiting shed with a seating capacity of 25 people was constructed, and internal walkways were developed to create a cleaner, more organized, and welcoming clinic environment for all visitors.

5.2 Integrated Development Programme (Piped-water Network)

The BRAC WASH Programme works in close collaboration with the Integrated Development Programme (IDP) to expand access to safe

and reliable water services in climate-vulnerable and hard-to-reach areas of Bangladesh. This partnership specifically targets communities where

conventional water systems are often impractical or unsustainable. The climate hotspots worked under this synergy are:



Haors
(Wetlands)

Through this collaboration, the WASH Programme supports IDP in designing, constructing, and operationalizing piped water networks that ensure



Chars
(River Islands)

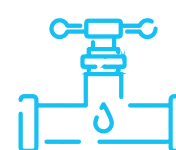
uninterrupted access to safe drinking water for marginalised populations. These systems play a crucial role in strengthening climate resilience, reducing



Indigenous
Settlements

waterborne diseases, and improving the overall quality of life in underserved regions.

To date, across Bangladesh the WASH Programme with IDP has jointly:



Implemented
8 Piped-Water
Networks



Provided safe water to **1,389** people (**700** male and **689** female) of **252** households



CHAPTER 6
PARTNERSHIP AND
COLLABORATIONS

PARTNERSHIP AND COLLABORATIONS

6.1 BRAC's Partnership with WaterAid

In partnership with WaterAid Bangladesh, BRAC has initiated a pilot project to explore context-specific solutions for climate-resilient water

management in the Barind region. The initiative focuses on implementing Integrated Water Resources Management (IWRM) to ensure sustainable access

to safe water for communities facing groundwater depletion, erratic rainfall, and droughts.

Key elements of the initiative include:



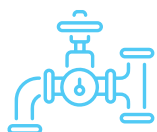
Conducting community consultations and socio-economic assessments to understand local water challenges.



Performing geo-hydrological studies, including electro-resistivity surveys, to identify aquifers and recharge zones.



Designing and piloting Managed Aquifer Recharge (MAR) and other resilient water technologies.



Implementing site-specific IWRM interventions, including capacity-building, operation, and maintenance of water systems.



Systematically documenting and disseminating lessons learned for scaling up and policy influence.

This initiative aims to provide innovative, sustainable, and locally adapted water solutions, improving water security and resilience for communities in the Barind region.



6.2 BRAC MHM Awareness Initiative with MHM Platform (Ananya App)

In partnership with the MHM Platform, BRAC has launched a menstrual hygiene management (MHM) awareness initia-

tive leveraging the digitalised platform named Ananya app. This platform provides accessi-ble, accurate, and age-appro-

priate information on menstrual health, hygiene practices, and reproductive health for adoles-cent girls and women.

Key features of the initiative include:



Digital learning through the Ananya app to promote menstrual hygiene awareness.



Community engagement and behavior change communication on MHM.



Capacity building for adolescents, caregivers, and educators to foster informed practices.



Monitoring and feedback to enhance outreach and effectiveness.

The initiative aims to improve knowledge, reduce stigma, and promote healthy menstrual practices, empowering girls and women to manage their menstrual health with confidence and dignity.



CHAPTER 7
LEARNINGS AND
WAY FORWARD

LEARNINGS AND WAY FORWARD

7.1 Learnings



Community engagement is key:

Inclusive, community-led approaches, involving women, people with disabilities, and marginalized groups, have proven critical for the acceptance, proper use, and sustainability of WASH services.



Climate resilience is essential:

Groundwater depletion, erratic rainfall, and other climate impacts highlight the need for adaptive, context-specific, and resilient water solutions.



Integration enhances impact:

Linking WASH interventions with livelihoods, health, and education strengthens overall community resilience and promotes sustained behavior change.



Sustainability requires planning:

Long-term maintenance, local ownership, and innovative financing mechanisms are necessary to ensure continuous access to safe water.



Emergency response preparedness:

The experiences from flood, cyclone, and drought-prone areas emphasize the importance of rapid, well-coordinated WASH emergency interventions to reduce health risks and protect communities during crises.

7.2 Way Forward



Expand climate-resilient solutions:

Scale up technologies such as Managed Aquifer Recharge, rainwater harvesting, and alternative water sources, especially in climate-stressed and disaster-prone areas.



Strengthen community ownership and capacity:

Empower local communities to manage and maintain water facilities, ensuring inclusivity and preparedness for emergencies.



Innovate financing and partnerships:

Blend grants, microfinance, and private sector engagement to make WASH services financially sustainable and resilient in emergencies.



Integrate with broader development initiatives:

Embed WASH into programs on livelihoods, education, health, and climate adaptation for multiplier effects.



Enhance monitoring, research, and knowledge-sharing:

Continue context-specific assessments, track performance, document learnings, and share knowledge to inform policy, scale-up, and emergency preparedness strategies.

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