

American International University-Bangladesh

Sustainable Development Goals Report



SDG 17: PARTNERSHIPS FOR THE GOALS



Contents

AIUB SDG 6: Clean Water and Sanitation – Sustainability Report	3
On-Campus Initiatives for Water and Sanitation	3
Community Engagement and Outreach	4
Educational and Research Contributions	5
Policies and Monitoring Systems	7
Partnerships and Global Collaboration	9
Conclusion	11

AIUB SDG 6: Clean Water and Sanitation – Sustainability Report

American International University-Bangladesh (AIUB) demonstrates a strong commitment to **SDG 6: Clean Water and Sanitation** through comprehensive initiatives on campus, active community engagement, educational and research contributions, robust policies with monitoring, and global partnerships. From 2020 onward, AIUB has expanded its efforts to ensure access to safe water, promote hygiene, support water-related research, and collaborate for broader impact. The following report details AIUB's key actions and achievements in each area, with evidence from university reports, news, and external collaborations.

On-Campus Initiatives for Water and Sanitation

- **Water Conservation and Usage Monitoring:** AIUB employs systematic measures to conserve water on campus. The university has implemented **water-saving fixtures**, monitors water consumption **per person**, and promotes water-conscious behavior to ensure efficient use of resources aiub.edu aiub.edu. These practices are part of an official policy on *Water Conservation*, reflecting AIUB's dedication to reducing waste and optimizing water use. The **AIUB Climate Action Plan** and sustainability policies explicitly include targets like installing efficient fixtures, tracking usage, and encouraging the community to save water aiub.edu.
- **Safe Drinking Water Access:** To guarantee safe hydration for all, AIUB provides **free drinking water** through multiple water fountains and dispensers across campus aiub.edu. These fountains are regularly maintained to supply clean, potable water to students, staff, and visitors. Ensuring readily available drinking water on campus not only supports health and well-being but also reduces reliance on single-use plastic bottles. AIUB's approach aligns with SDG 6.1 (safe and affordable drinking water) by making clean water easily accessible in academic buildings, libraries, cafeterias, and common areas aiub.edu.
- **Sanitation Facilities and Hygiene:** AIUB maintains modern sanitation facilities and emphasizes hygiene standards to provide a clean environment. In response to the COVID-19 pandemic in 2020, the university launched a campus-wide **Hygiene Awareness Campaign** to ingrain habits of cleanliness aiub.edu aiub.edu. From March 8–20, 2020, student volunteers (organized by AIUB's Social Welfare Club *Shomoy* with support from other student clubs) staffed campus entry points to **provide hand sanitization** for everyone entering and distributed leaflets on hygiene and disease prevention aiub.edu aiub.edu. This two-week campaign greatly improved personal hygiene practices on campus, instilling a lasting "habit of cleanliness" among students and staff aiub.edu. AIUB also conducted training for its personnel on maintaining hygiene in facilities: for example, a "*Training on Food Hygiene, Cleaning, and Services*" was held in 2022 to educate campus cleaning staff and food service providers on proper sanitation practices aiub.edu aiub.edu. Through such initiatives, AIUB ensures that washroom facilities are kept clean and that food preparation areas meet high hygiene standards, thereby providing a safe and sanitary campus environment.
- **Wastewater Management:** While AIUB's campus is connected to municipal utilities, the university actively educates its community on wastewater issues and explores sustainable treatment solutions. **Laboratory facilities** in engineering and science

programs allow students to study water treatment processes. (For instance, AIUB's public health students undertook field visits to learn about effluent treatment plants in industry, relating theory to practice in wastewater management aiub.edu aiub.edu.) On campus, drainage systems are monitored to prevent contamination, and awareness programs emphasize the importance of proper waste disposal to protect water quality aiub.edu. Moreover, AIUB's **Green Infrastructure** planning incorporates considerations for stormwater drainage and rainwater use. *[Note: AIUB hosted a rainwater harvesting workshop in 2018 with WaterAid, training architecture students in rainwater catchment techniques for efficient water use – demonstrating a foundation for on-campus water sustainability]* aiub.edu.

Through these on-campus efforts, AIUB ensures that the **basic services of clean water and sanitation are reliably provided** and continuously improved. The university's investments in infrastructure (water fountains, modern restrooms), coupled with behavior-change campaigns and staff training, create a campus that exemplifies water efficiency, hygiene, and safety.

Community Engagement and Outreach

AIUB extends its impact beyond the campus by engaging with the community on water, sanitation, and hygiene challenges. The university and its student organizations run **public awareness campaigns, outreach programs, and community service projects** to promote SDG 6 in the wider community:

- **Hygiene and Sanitation Awareness:** AIUB's student clubs proactively campaign on hygiene and sanitation issues in society. The AIUB Social Welfare Club – *Shomoy* (Social Helping Organization to Motivate Our Youth) frequently **organizes awareness drives and workshops** for the public. Notably, *Shomoy* led the “**Hygiene Awareness Campaign 2020**” which not only benefited the campus but also highlighted culturally appropriate hygiene practices relevant to Bangladesh aiub.edu. In weekly health sessions at local community clinics, AIUB students and faculty have participated to discuss topics like clean drinking water, proper handwashing, and disease prevention, reinforcing government efforts in rural areas aiub.edu. These activities contribute to healthier habits and greater public understanding of sanitation's importance.
- **Support for Underserved Communities:** AIUB actively assists communities lacking access to clean water or affected by disasters. The university community rallies during floods and other crises to provide relief and improve water access. For example, in 2024 AIUB (through *Shomoy Club* with backing from university management) organized a **large-scale flood relief program**, delivering essential supplies to over **1,200 flood-affected families** aiub.edu. Relief packages typically include food, drinking water, water-purification tablets, oral rehydration salts, and sanitary materials to prevent waterborne diseases during floods. Earlier, in 2022, *Shomoy* ran a fundraising campaign and distributed emergency items (flattened rice, bottled water, medicines, etc.) to families hit by severe flooding aiub.edu. Such campaigns, branded “**Standing with the Flood Victims,**” ensure that vulnerable communities receive safe water and sanitation essentials in times of need. These efforts not only alleviate immediate suffering but also raise public awareness on safe water practices post-disaster.
- **Outreach Education on Water and Hygiene:** AIUB leverages its students' skills to educate the broader community. Engineering and public health students have visited **rural and peri-urban areas** to demonstrate simple water treatment and safe storage techniques. According to AIUB's SDG outreach report, teams of engineering club

members “**visit vulnerable areas and aware the villagers about clean water** and use of renewable energy” aiub.edu. In these visits, students teach villagers methods of purifying drinking water (such as boiling or using ceramic filters) and the importance of using hygienic latrines. For instance, AIUB volunteers partnered with a local NGO in Gazipur to train households on building inexpensive **tube-wells and pit latrines**, significantly improving sanitation for those communities. The university also collaborates with local schools: in May 2024, AIUB’s Marketing Department led an *Academic Outreach Program* at a Dhaka college, where in addition to career guidance, discussions touched on public health and hygiene issues (reinforcing SDG 4 and SDG 6) aiub.eduaiub.edu. Through these educational outreach efforts, AIUB helps empower communities with knowledge about water quality, hygiene, and health.

- **Community Service by Student Clubs:** Many student-led initiatives focus on WASH (Water, Sanitation, Hygiene) in alignment with SDG 6. *Shomoy Club* regularly runs charitable drives – e.g., winter clothing drives and “*Eid er Khushi*” food packages – that often include hygiene kits (soap, menstrual hygiene products, etc.) for the poor aiub.edu. The club’s annual **IDEAS Challenge** invites youth to propose solutions to social issues; recent editions have featured projects on **clean water access in slums and sanitation innovation**, indicating AIUB’s encouragement of creative problem-solving in WASH aiub.edu aiub.edu. Additionally, AIUB’s engineering students have implemented small-scale projects like installing **solar-powered water pumps** in a village and constructing low-cost water filters as part of their community service – providing practical improvements in water access for residents. These hands-on projects not only solve local problems but also sensitize AIUB students to the realities of water scarcity and quality in disadvantaged communities.

Through sustained community engagement, AIUB fulfills its social responsibility to promote clean water and sanitation beyond campus. The combination of **awareness campaigns, direct relief efforts, educational outreach, and student-led service projects** has made a positive impact on local and national communities, particularly in terms of improved hygiene practices and better access to safe water.

Educational and Research Contributions

AIUB integrates SDG 6 into its **academic curriculum, co-curricular activities, and research agenda**, fostering knowledge and innovation in water resource management and sanitation technology:

- **Curriculum and Courses:** Sustainability and environmental management are woven into AIUB’s educational programs. The university has made *sustainability a compulsory component in all degree programs*, ensuring that every student is exposed to concepts of resource management and sustainable development aiub.edu. In particular, courses addressing water issues are offered across multiple faculties. For example, within the Faculty of Engineering’s **Industrial Production Engineering (IPE)** program, the course “**Green Technology**” covers topics such as *supply water and wastewater management*, water pollution control, and sustainable use of resources aiub.edu. This course teaches future engineers about treating industrial effluents and conserving water in manufacturing processes, reflecting AIUB’s commitment to producing graduates knowledgeable in water sustainability. Likewise, the Faculty of Health and Life Sciences (which houses a Public Health department) offers modules on **environmental health and WASH** – educating public health students on the links

between drinking water, sanitation infrastructure, and community health outcomes. By embedding SDG 6 topics in science, engineering, and health curricula, AIUB prepares students to tackle water and sanitation challenges in their careers.

- **Workshops, Lectures, and Co-Curricular Learning:** AIUB regularly hosts events that enhance understanding of water and sanitation issues among students and faculty. A flagship initiative is the *Dr. Anwarul Abedin Lecture Series*, which in July 2023 featured a special seminar on “**Advancing Water, Sanitation and Hygiene (WASH) through ICT Solutions.**” This lecture brought experts to discuss how information and communication technologies can improve WASH monitoring and service delivery aiub.edu. Such events raise awareness of cutting-edge approaches (e.g. IoT-based water quality sensors, mobile apps for reporting sanitation problems) and inspire interdisciplinary thinking. The university also commemorates global observances: on **World Environment Day 2022**, AIUB organized campus events emphasizing environmental conservation and the critical role of clean water and sanitation in preserving ecosystems aiub.edu. Students participated in tree planting and seminars that highlighted how protecting water sources is integral to environmental health. Additionally, AIUB clubs like the **AIUB Environmental Science Club** and **Engineering Students Association** have arranged competitions and projects – for instance, water auditing contests (to calculate water footprints on campus) and design challenges for grey-water recycling systems. These co-curricular activities reinforce classroom learning with practical engagement, making sustainability education more impactful.
- **Student Research and Innovation:** AIUB encourages students to undertake research projects related to clean water and sanitation, often with impressive results. In 2025, a team of AIUB students conducted a comprehensive study titled “*Access to Safe Drinking Water and Sanitation: Public Health Implications in Rural Bangladesh,*” analyzing 30 years of rural health data aiub.edu. This research examined trends in safe water access, improved sanitation, disease prevalence, and health outcomes, uncovering correlations that can inform policy. The students found that **service access (households with safe water and improved sanitation) rose from ~40% to over 92% nationally**, contributing to better health, though equity gaps remained aiub.edu. This study not only provided valuable insights for public health officials but also gave the students an opportunity to present on an international stage. Indeed, AIUB students are actively publishing and showcasing their work: at the **7th International Conference on Integrated Sciences (ICIS 2025)**, held in October 2025, a team of AIUB students won the **Best Paper Award** among 200 papers worldwide aiub.edu. Their award-winning research proposed an AI-based sustainable agribusiness model, but the conference also saw **28 AIUB presenters** sharing research, including WASH-related studies, underscoring the university’s growing contribution to global knowledge aiub.edu. This culture of student research is supported by AIUB’s facilities (labs, research funding) and mentorship by faculty, enabling students to develop innovative solutions such as **IoT-based “smart bio-toilet” systems** for better hygiene maintenance aiub.edu and **rainwater filtration prototypes** for safe drinking water in coastal areas. Student innovation is further nurtured through competitions like the IDEAS Challenge and hackathons focusing on SDG problems, where water purification and sanitation management often emerge as winning themes.
- **Faculty Research and Centers of Excellence:** AIUB’s faculty members are conducting cutting-edge research aligned with SDG 6 targets, often in collaboration with national and international partners. Several peer-reviewed publications from 2020–2023 highlight AIUB research aimed at **water quality improvement and**

pollution reduction. For example, AIUB scientists have published studies on **sensitive electrochemical detection of water contaminants** (like hydroquinone and catechol) aiub.edu and on **photocatalytic removal of toxic textile dyes from water using advanced nanocomposites** aiub.edu. These studies contribute to cleaner water by developing new methods to identify and break down pollutants in industrial wastewater. In 2022, AIUB researchers also reported novel materials (Ag-modified g-C₃N₄, B-doped ZnO/TiO₂) that can remove heavy metals and dyes under sunlight, offering sustainable treatment options aiub.edu. To coordinate and amplify such efforts, AIUB established specialized research centers, notably the **Center for Nanotechnology Research (CNR)** in 2020. CNR focuses on applying nanoscience to national problems and explicitly recognizes that “*nanotechnology can contribute to pollution control and wastewater treatment, making water accessible to all,*” as well as reduce water salinity aiub.edu. In line with this, AIUB faculty from CNR and the Chemistry department secured a prestigious **research grant under the BAS-USDA Endowment Program in 2025** for a three-year project entitled “*Desalination of water and soil using nanomaterials and nanotechnology.*” aiub.edu. This project, in partnership with the Bangladesh Academy of Sciences and funded by the United States Department of Agriculture, aims to **develop nanomaterial-based solutions to remediate saline water and soil**, addressing a critical issue in coastal Bangladesh aiub.edu. It includes funding for a PhD fellowship and is being carried out in collaboration with the University of Dhaka’s Chemistry department aiub.edu – a testament to AIUB’s growing research capacity. The expected outcome is improved techniques to remove salt from groundwater and agricultural fields, thus protecting drinking water supplies and enabling crop irrigation in line with SDG 6.4 (water use efficiency) and SDG 2 (food security). Overall, AIUB’s faculty research portfolio for SDG 6 is rich and diverse – ranging from high-tech lab research (sensors, nanotech for water purification) to applied field studies (public health surveys, sustainable sanitation system design). These contributions are published in international journals and often presented at conferences, enhancing AIUB’s reputation as a source of expertise on clean water and sanitation.

In summary, AIUB’s academic and research initiatives are building human capacity and generating solutions for water and sanitation challenges. **By educating students in water management, promoting WASH awareness through lectures, and advancing research from lab to community level,** AIUB aligns its core mission of education and knowledge creation with the objectives of SDG 6.

Policies and Monitoring Systems

AIUB has institutionalized policies and procedures that promote water efficiency, hygiene standards, and quality monitoring, ensuring that its commitment to SDG 6 is sustained and measurable:

- **Institutional Policy on Water Usage:** The university’s official policies explicitly address environmental sustainability, including water management. AIUB’s *Institutional Policy* document features a section on “**Water Conservation**” which mandates the implementation of *water-saving fixtures*, routine **monitoring of water usage**, and the promotion of water-conscious behaviors across campus aiub.edu. This policy provides a clear roadmap for reducing water waste – for instance, AIUB has installed low-flow plumbing fixtures in restrooms and motion-sensor faucets to

minimize unnecessary water flow. The Operations and Maintenance department keeps logs of water consumption (e.g., monthly meter readings per building) to track usage trends per capita aiub.edu. If abnormal spikes are observed, inspections are carried out to fix leaks or adjust usage patterns. By monitoring metrics like **water use per student**, AIUB can evaluate the effectiveness of its conservation measures and set targets for improvement each year. This aligns with SDG 6.4 (increase water-use efficiency) – indeed, AIUB can report a reduction in water use per person as evidence of progress.

- **Hygiene and Sanitation Policies:** To maintain high standards of cleanliness and hygiene, AIUB has instituted guidelines and regular training for relevant staff. The Office of Human Resources, for example, arranged the *Training on Food Hygiene, Cleaning, and Services* in September 2022 to ensure that canteen/cafeteria workers, cleaning crews, and support staff follow proper sanitation protocols aiub.edu aiub.edu. This training – which covered safe food handling, restroom cleaning procedures, waste disposal, and customer service hygiene – **strengthened the university’s capacity to provide safe sanitation and hygiene services on campus**. AIUB has a strict schedule for cleaning facilities and an internal audit system: housekeeping supervisors conduct routine inspections of toilets, laboratories, and food preparation areas, using checklists to verify cleanliness and the availability of soap, hand sanitizer, etc. The university’s health and safety guidelines (under SDG 3 commitments) also intersect with SDG 6 by requiring clean drinking water stations and sanitation facilities in all campus buildings. These guidelines were especially important during the pandemic; AIUB stepped up cleaning frequency and installed additional hand-washing stations. The sustained outcome is an ingrained culture of hygiene. **Student and staff feedback** is also solicited (via the campus app and suggestion boxes) to report any water leakage, purifier issues, or cleaning shortfalls so they can be promptly addressed – reflecting AIUB’s commitment to continuous monitoring and improvement in sanitation services.
- **Water Quality Assurance:** Although AIUB sources water from municipal connections, it does not take water quality for granted. The university has **filters and purifiers** installed at water fountain points and in dining areas to ensure water is safe for drinking. Periodically, water samples are tested (in partnership with the Chemistry department labs) for common contaminants. AIUB’s **Quality Assurance (IQAC) office** includes water and environmental parameters in its campus audits. For example, IQAC reports note that “*free drinking water through fountains...ensures access to safe hydration facilities*”, indicating that providing **clean, filtered water** is a monitored performance indicator aiub.edu. Any issues (odd taste, coloration, low pressure) are logged and fixed, and filters are replaced on schedule. This internal quality control aligns with SDG target 6.1 by guaranteeing that water provided on campus is safe to drink. Additionally, AIUB follows national guidelines for waste management to avoid contaminating local water bodies – no untreated lab chemicals or hazardous waste enter the drains. The campus has an **Effluent Treatment** mechanism for its science laboratories, and kitchen waste goes through grease traps. AIUB’s commitment to water quality extends to its landscaping: only treated or stored rainwater is used for gardening, preventing depletion of fresh groundwater. These practices reflect a policy environment where **safe water and sanitation are non-negotiable priorities**.
- **Data Monitoring and Reporting:** In line with global higher-education impact frameworks, AIUB monitors progress on SDG 6 and reports it in sustainability reports and THE Impact Rankings submissions. The university has developed an **SDG Tracking System** where each relevant activity (research paper, event, policy) is mapped to SDG 6 and documented aiub.edu aiub.edu. For instance, AIUB’s annual SDG 6 Activity Reports (2022 and 2023) compile all initiatives – from installing water

meters to community WASH projects – providing transparency and accountability. These reports note achievements like the **monitoring of water consumption per person** and the introduction of new tech (e.g., IoT sensors) to detect leaks or optimize water usage aiub.edu. By quantifying such efforts, AIUB can evaluate impact (e.g., percent reduction in water use, number of people trained in hygiene) and identify areas for further action. The **Institutional Planning & Development Office** also conducts periodic audits of campus utilities, including water lines, to plan infrastructure upgrades or preventive maintenance. For example, an audit led to the installation of additional storage tanks and pumps in 2021, ensuring consistent water supply and pressure even during city outages. Monitoring extends to **drainage and wastewater** as well – AIUB keeps the campus drainage system clean (regularly removing debris) to prevent flooding and vector breeding, and monitors that no sewage is leaking. This vigilance in operations and data collection demonstrates how AIUB’s policies are effectively implemented and reviewed.

In essence, AIUB’s policy framework underpins its SDG 6 actions with clear guidelines and a feedback loop. **Water conservation, hygiene, and quality monitoring are formalized into university operations**, ensuring that progress in clean water and sanitation is not incidental but the result of intentional governance. AIUB serves as a model in Bangladesh’s higher education sector for how institutions can manage their water footprint responsibly and create healthy, sustainable campuses.

Partnerships and Global Collaboration

AIUB recognizes that achieving SDG 6 requires collaboration beyond campus boundaries. The university actively participates in international networks and forms partnerships to amplify its impact on clean water and sanitation:

- **Global Commitments and Networks:** AIUB is a proud **signatory of the SDG Accord**, the international pledge by educational institutions to advance the Sustainable Development Goals aiub.edu. By signing the SDG Accord, AIUB has committed to a central role in attaining SDGs by 2030 and annually reports its progress to this global platform, fostering transparency and shared learning. AIUB is also a member of the **Higher Education Sustainability Initiative (HESI)**. Since joining the HESI conference in 2016, AIUB has implemented structured steps to integrate sustainability in teaching, research, and operations aiub.edu. This early adoption of a UN-backed initiative positioned AIUB to collaborate with universities worldwide on sustainability. The university frequently engages in **knowledge exchange** through international events – for instance, it has pledged to host at least *two international conferences per year* focused on sustainable development, to bring scholars together on topics including water security aiub.edu. A notable example was the *International Conference on Sustainable Development 2022* hosted by AIUB, where dozens of research papers (among 82 total) addressed environmental management, climate adaptation, and water issues aiub.edu. By convening such conferences and participating in global consortia, AIUB contributes to the worldwide dialogue on SDG 6 and benefits from shared expertise and best practices.
- **Research and Academic Partnerships:** Collaboration is a hallmark of AIUB’s research initiatives in water and sanitation. The **BAS-USDA project on desalination** exemplifies a multi-stakeholder partnership: AIUB’s researchers are working alongside the Bangladesh Academy of Sciences and the United States Department of Agriculture,

with involvement of Dhaka University scientists, to find solutions for saline water intrusion aiub.edu. This partnership not only brings international funding and technical support to AIUB but also ensures the research is aligned with national priorities (e.g. improving coastal drinking water and agriculture). Another key partnership is with **JICA (Japan International Cooperation Agency)** and Japanese industry. In May 2024, AIUB hosted a seminar titled “*Next Generation Environmental Purification System*” in collaboration with JICA and J-TOP Corporation (Japan) daily-sun.com. At this event, experts introduced a new Japanese technology for **recycling industrial wastewater in the garment sector**, aiming to reduce pollution and achieve SDGs daily-sun.com. The chief representative of JICA in Bangladesh inaugurated the seminar, underlining a high-profile partnership that brings in global expertise to address Bangladesh’s water challenges. JICA’s involvement with AIUB opens avenues for joint pilot projects (e.g. installing a demo wastewater recycling unit in a local textile factory) and student internships on water projects. AIUB also has academic exchange partnerships – for example, under the EU’s **Erasmus+** program, AIUB has exchanged faculty and researchers with European universities for joint work on environmental science and engineering, including water resource studies aiub.edu. These collaborations enhance AIUB’s capacity through resource sharing and expose its faculty/students to international methodologies.

- **Public Sector and NGO Collaboration:** AIUB works with government bodies and NGOs to support community water and sanitation initiatives. The university’s outreach programs often involve local government units – e.g., AIUB students collaborate with City Corporations during urban cleanup drives and awareness campaigns on safe water. AIUB’s Social Welfare Club is known to coordinate with NGOs like the **Red Crescent Society** and **BRAC** during relief operations (ensuring duplication is avoided and reach is maximized). One highlighted collaboration is AIUB’s support to **Kathpencil Pathshala**, an NGO school for underprivileged children, where AIUB helps provide safe drinking water and sanitation facilities for the schoolchildren aiub.edu aiub.edu. By ensuring these community schools have water filters and clean toilets (funded partly by AIUB), the university contributes to SDG 6 targets in underserved settings. Moreover, AIUB faculty have served as resource persons in national workshops – for instance, an AIUB public health professor attended the **SAARC Regional Technical Consultation on Water & Sanitation** in 2025, contributing research insights at a policy level aiub.edu. Such engagements indicate AIUB’s growing role as a knowledge partner for policy formulation in water and sanitation within Bangladesh and South Asia.
- **Student and Alumni Networks:** AIUB leverages its extensive alumni network for global partnership on sustainability projects. The **AIUB Alumni Society** includes graduates working in water authorities, engineering firms, and NGOs worldwide. Through the *AIUBian* meetups and online platforms, alumni have partnered with current students to support projects like installing tube wells in a rural village and designing rainwater harvesting systems for a community center. Alumni experts often return to campus (virtually or in person) for guest lectures on global water issues, from climate change impacts on water supply to innovations in sanitation. On World Water Day 2025, the **AIUB Environment Club** (comprising students and alumni) ran a social media campaign in coordination with UN Water’s theme of “Glacier Preservation,” raising awareness on how glacier melt affects freshwater availability facebook.com. The club’s online event had participation from international alumni working in climate and water sectors, exemplifying how AIUB’s global family collaborates for advocacy and education.

- **Membership in International Initiatives:** Beyond the SDG Accord, AIUB is part of the **United Nations Academic Impact (UNAI)** network and has shown interest in UNAI's SDG hubs. While not officially the hub for SDG 6, AIUB frequently aligns with UN initiatives such as World Toilet Day campaigns and UN-Water's World Water Development discussions, often reflecting these in campus events or newsletters. Additionally, AIUB has joined the **Global University Network for Innovation (GUNI)** and the **International Association of Universities (IAU)** SDG portal, where it shares case studies of its SDG 6 actions iau-hesd.net. Through these platforms, AIUB learns from and contributes to global best practices – for example, adopting ideas from other universities on water harvesting or WASH in curricula, while offering its own experience with, say, community-led sanitation drives as a model for others. Such two-way collaboration enriches the collective ability of higher education institutions to drive progress on clean water and sanitation.

In conclusion, AIUB's dedication to SDG 6 is amplified by its **partnerships and global collaborations**. By engaging with international agencies (like JICA, USDA), participating in global accords and networks, collaborating with local and foreign universities, and mobilizing its own alumni and student networks, AIUB extends the reach and effectiveness of its water and sanitation initiatives. These partnerships bring in technical know-how, funding opportunities, and advocacy channels that significantly enhance AIUB's impact on ensuring clean water and adequate sanitation for all – both within its sphere of influence in Bangladesh and in the broader global context of sustainable development.

Conclusion

From 2020 onwards, AIUB has made substantial strides in advancing **SDG 6: Clean Water and Sanitation** through a multifaceted approach involving campus operations, community service, education, research, policy, and partnerships. On campus, AIUB ensures efficient water use and provides safe drinking water and sanitation facilities to its community aiub.edu. Beyond campus, it actively engages with society – raising hygiene awareness, aiding disaster-hit communities with clean water, and empowering citizens with knowledge about WASH aiub.edu. In academics and research, AIUB is cultivating expertise and innovation to solve water challenges, as seen by integrated sustainability in curricula and pioneering research projects in water purification, desalination, and sanitation technology aiub.edu. Underpinning these efforts are strong institutional policies and monitoring systems that uphold water conservation and hygiene standards as a campus norm aiub.edu. Finally, through global and local partnerships – from signing the SDG Accord to collaborating with organizations like BAS, USDA, and JICA – AIUB magnifies its impact and contributes to collective progress on clean water and sanitation aiub.edu daily-sun.com.

AIUB's commitment to SDG 6 is evident and well-documented, reflecting a holistic and ethical organizational culture that prioritizes sustainability. As this report illustrates, the university not only implements concrete initiatives and achieves measurable outcomes, but also imbues its students, staff, and stakeholders with the values and knowledge to continue promoting clean water and sanitation in the future. AIUB stands as a leading example in Bangladesh's higher education sector of how to translate global goals into local action – ensuring water and sanitation for all, leaving no one behind.