6 CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all

50,805

actions of students at FPT University have supported the goal of "Clean Water and Sanitation" – SDG 6

21

research publications aligned with SDG 6: Clean Water and Sanitation were published by FPTU faculty members in 2025

30,000

The water storage reservoirs at FPTU campuses hold 30,000 cubic meters.



WATER-SAVING MEASURES AT FPTU

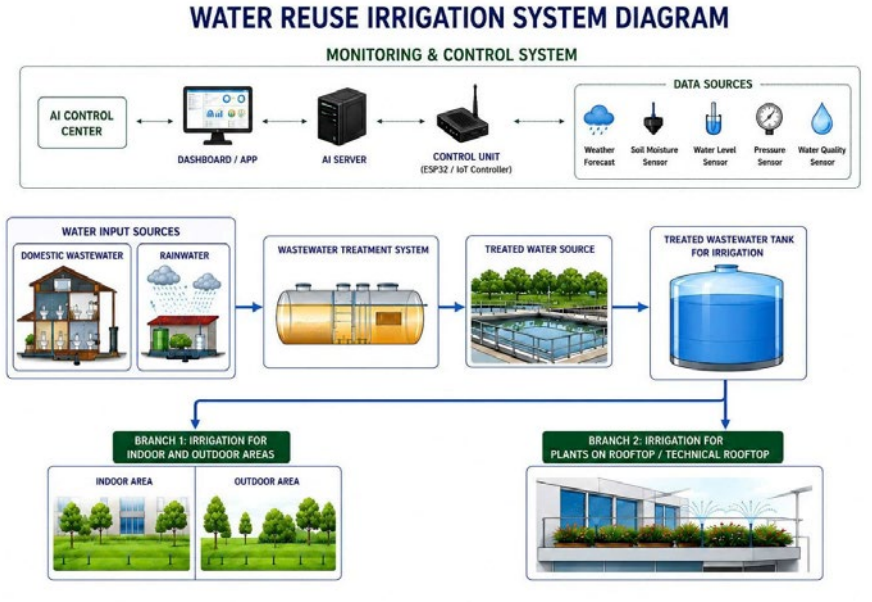
Smart Water Recirculation System

FPTU has deployed a smart water recirculation system focused on reclaiming and reusing treated wastewater for its automated landscape irrigation network. This initiative significantly reduces the demand for freshwater, lowers operational costs, and minimizes water loss. By integrating IoT sensors and AI-driven technology, the system continuously monitors water quality, optimizes irrigation schedules based on real-time weather forecasts, and detects leaks promptly—thereby enhancing water-use efficiency and advancing sustainable water management across campuses.





FPTU has installed automated drip irrigation systems across all campuses to sustain the growth of trees, lawns, and flora while systematically minimizing overall water consumption.



Rainwater Harvesting Reservoirs

Artificial lakes across FPTU campuses feature a total storage capacity of 30,000 cubic meters, specifically engineered to capture and store rainwater for landscape irrigation. The university utilizes this stored rainwater to maintain trees and green spaces during dry seasons, thereby conserving freshwater resources and advancing sustainable water resource management.









Safe and Free Drinking Water Across All FPTU Campuses

FPTU provides free drinking water that complies with QCVN 6-1:2010/BYT standards at accessible locations across all FPTU campuses, meeting the daily needs of students, faculty members, staff, and visitors.



FPTU for the community

In April 2025, the Hope Foundation, in partnership with Opella Vietnam, launched the “Clean Water and Sanitation” project in Central Vietnam—a region frequently impacted by natural disasters and severe flooding. The initiative contributed to the construction of 20 new sanitation complexes and 01 shower facility complying with Ministry of Education and Training standards. This project directly improved living and learning conditions for 7,500 local students and teachers, ensuring a clean, safe, and hygienic educational environment.



Sanitation facilities constructed in compliance with Ministry of Education and Training standards



Hope Foundation and representatives of Opella Vietnam signed a sponsorship agreement for the “Clean Water and Sanitation” project in 2025

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