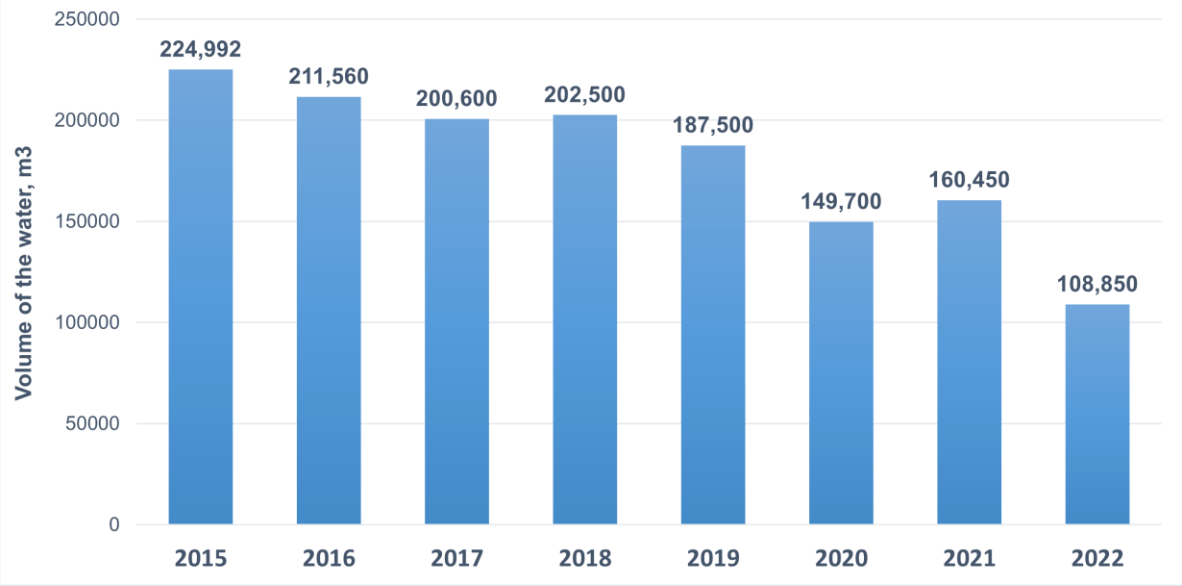
Water consumption tracking

The amount of water utilized overall on campus is regularly measured by the university. The water resources at the university are mains supply, groundwater, and treated rainwater. On our campus, TIIAME-NRU has started taking proactive steps to handle and reuse contaminated rainwater. One noteworthy project is the installation of a thorough system for collecting and treating rainwater from the university's grounds, which effectively manages the water. Every building has a water meter, and measurement tools are also used to measure groundwater and precipitation collected.

A key component of this project is our on-campus automated treatment and rainfall harvesting facilities. After rainy seasons, it helps to clean and purify rainwater gathered throughout the university's grounds. After being cleaned, this rainwater is used to supply our buildings with water for irrigation, water infrastructures, and for hygienic purposes, especially restrooms.

Water consumption by the campus population



Water consumption by the campus population from 2015 to 2022

Over an extended period, our university has implemented a series of initiatives aimed at mitigating water consumption on campus. These measures encompass the deployment of water-efficient appliances, the implementation of water reuse systems, the collection of rainwater, and other related practices. Consequently, the aggregate water consumption by the campus population has undergone a substantial reduction, declining from 224,992 m3 (approximately 36 m3 per person) in 2015 to 108,850 m3 (18 m3 per person) in 2022. This noteworthy achievement underscores our ongoing commitment to sustainable water management practices within the university community. Eventually, we are planning to reduce water consumption to 36% by 2030.