SDG 6



Indicator 6.2.1

Water Consumption Tracking

Potable Water Measurement (Mains Supply)	The university tracks the consumption of drinking water with precise metrics for daily, weekly, and annual usage. • **Daily Consumption:** The average daily consumption is recorded at 230 m^3 • **Annual Volume:** The total annual volume of drinking water used is 83,720 m^3 • **Per Capita Tracking:** Usage is calculated against a campus population of 8,888 people (students, faculty, and staff), resulting in an average of 9.4 m^3 per person annually under normal operating conditions.
Irrigation Water Measurement (External & Recycled)	MIU measures the total volume of water used for landscaping, separating the data by source to distinguish between external supplies and recycled water. • **Total Irrigation Volume:** The total annual water used for irrigation is 98,098 m^3.

	• **Source Breakdown:**
	  ○ **Recycled Water:** The university operates a sewage treatment plant with a capacity of 225 m^3 per day. From this, 75,348 m^3 of treated wastewater is used annually for irrigation.
	  ○ **External Supply (Mains/Aquifer):** To supplement the recycled water, the university measures the intake from an "external line." This amounts to 62.5 m^3 daily, totaling 22,750 m^3 annually.

Infrastructure for Measurement and Storage	The report details specific infrastructure used to collect, store, and measure these volumes, demonstrating the physical capacity for accurate tracking.
	• **Station 1:** Contains two underground concrete tanks:
	  ○ 220 m^3 capacity for drinking water.
	  ○ 220 m^3 capacity for irrigation water.
	• **Station 2:** Contains multiple storage units:
	  ○ One underground concrete tank 220 m^3 for drinking water.
	  ○ Six surface tanks with a combined capacity of 120 m^3 for drinking water, all linked via a network.
	• **Irrigation Support:** Four polyethylene tanks with a total capacity of 80 m^3 are used to support the irrigation network, supplied by either the treatment plant or the external line.

Firefighting Water Management	The university also measures water stored specifically for emergency use. • **Volume:** An independent station holds 150 m^3 of water dedicated to firefighting. • **Conservation:** This water is renewed twice annually. Crucially, the discharged water is measured and diverted to the irrigation tanks to ensure it is utilized rather than wasted.