

SDG 6



<p>Indicator</p>	<p>6.2.1</p>
<p>Water Consumption Tracking</p>	
<p>Potable Water Measurement (Mains Supply)</p>	<p>The university tracks the consumption of drinking water with precise metrics for daily, weekly, and annual usage.</p> <ul style="list-style-type: none"> • Daily Consumption: The average daily consumption is recorded at 230 m³ • Annual Volume: The total annual volume of drinking water used is 83,720 m³ • 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 m³ per person annually under normal operating conditions.
<p>Irrigation Water Measurement (External & Recycled)</p>	<p>MIU measures the total volume of water used for landscaping, separating the data by source to distinguish between external supplies and recycled water.</p> <ul style="list-style-type: none"> • Total Irrigation Volume: The total annual water used for irrigation is 98,098 m³.

	<ul style="list-style-type: none"> • Source Breakdown: <ul style="list-style-type: none"> ○ Recycled Water: The university operates a sewage treatment plant with a capacity of 225 m³ per day. From this, 75,348 m³ 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 m³ daily, totaling 22,750 m³ annually.
<p>Infrastructure for Measurement and Storage</p>	<p>The report details specific infrastructure used to collect, store, and measure these volumes, demonstrating the physical capacity for accurate tracking.</p> <ul style="list-style-type: none"> • Station 1: Contains two underground concrete tanks: <ul style="list-style-type: none"> ○ 220 m³ capacity for drinking water. ○ 220 m³ capacity for irrigation water. • Station 2: Contains multiple storage units: <ul style="list-style-type: none"> ○ One underground concrete tank 220 m³ for drinking water. ○ Six surface tanks with a combined capacity of 120 m³ for drinking water, all linked via a network. • Irrigation Support: Four polyethylene tanks with a total capacity of 80 m³ are used to support the irrigation network, supplied by either the treatment plant or the external line.
<p>Firefighting Water Management</p>	<p>The university also measures water stored specifically for emergency use.</p> <ul style="list-style-type: none"> • Volume: An independent station holds 150 m³ 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.