



# *UNIVERSITY OF OUM EL BOUAGHI*

***Report on the United Nations  
Sustainable Development Goal 6:  
Clean Water and Sanitation***

## **ABSTRACT**

This report underscores the University of Oum El Bouaghi's commitment to attaining Sustainable Development Goal 6 and its initiatives to improve the quality of Clean Water and Sanitation.

## **1. Introduction**

This report provides a comprehensive overview of Oum El Bouaghi University's initiatives and commitment towards achieving Sustainable Development Goal 6 (SDG 6) - Clean Water and Sanitation. The report encompasses information from various aspects of water management, conservation, and community engagement at the university.

## **2. Water Consumption**

### **2.1 Measuring Total Water Usage**

Oum El Bouaghi University annually measures the total volume of water used across the entire university, including individual faculties and institutes. This allows for tracking and reducing water consumption bills.

## **3. Water Usage and Conservation**

### **3.1 Water Treatment and Prevention**

Oum El Bouaghi University takes precise measures to prevent contaminated water from entering its dedicated water network. The university's water network is entirely separate from other networks, preventing interference with sewage channels. Additionally, the university possesses eight water reservoirs, each of which is entirely isolated from other networks and maintained regularly.

### **3.2 Provision of Free Drinking Water**

Oum El Bouaghi University provides free drinking water for students, employees, and visitors. Tap water is safe to drink and provided free of charge to all members of the university community. The university also offers free drinking mineral water for designated meals and administrative meetings.

### **3.3 Construction Standards for Water Usage**

The university is committed to implementing construction standards to reduce water usage. It includes insulating pipes, using shut-off valves to prevent water wastage, and ensuring compliance with international standards for water flow within buildings.

### **3.4 Water Reuse**

Oum El Bouaghi University has a policy for maximizing water reuse throughout its campus, ensuring efficient water use and environmental sustainability. The policy includes measures like water recycling systems, water purification, awareness campaigns, and emergency response plans.

### **3.5 Tree Planting and Drought-Tolerant Landscaping**

The university reduces water usage by planting drought-tolerant trees and using drip irrigation. These efforts contribute to preserving natural landscapes on the campus.

## **4. Community Involvement**

### **4.1 Educational Opportunities**

Oum El Bouaghi University offers training programs in water management for the local community. It includes bachelor's and master's degrees in Hydraulics.

### **4.2 Promotion of Conscious Water Use**

The university actively promotes conscious water use through scientific meetings and training seminars. It participates in national research programs focusing on water conservation.

### **4.3 Support for Water Conservation**

The university supports water conservation efforts outside the campus through field trips and participation in local councils addressing water-related issues.

## **5. Sustainable Water Extraction**

### **5.1 Sustainable Water Extraction Techniques**

Oum El Bouaghi University utilizes sustainable water extraction techniques both within and outside the campus, including groundwater extraction, following specific procedures outlined in national laws.

## **6. Collaboration on Water Security**

### **6.1 Collaboration with Authorities**

The university collaborates with local and national authorities on water security, as evident through partnerships and agreements with institutions such as the National Institute of Irrigation and Drainage (INSID) and the National Laboratory for Population and Construction.

## **7. Conclusion**

Oum El Bouaghi University is dedicated to promoting sustainable water management and water security, both within its campus and in collaboration with local and national authorities. The university's comprehensive efforts reflect a strong commitment to achieving SDG 6 - Clean Water and Sanitation.