

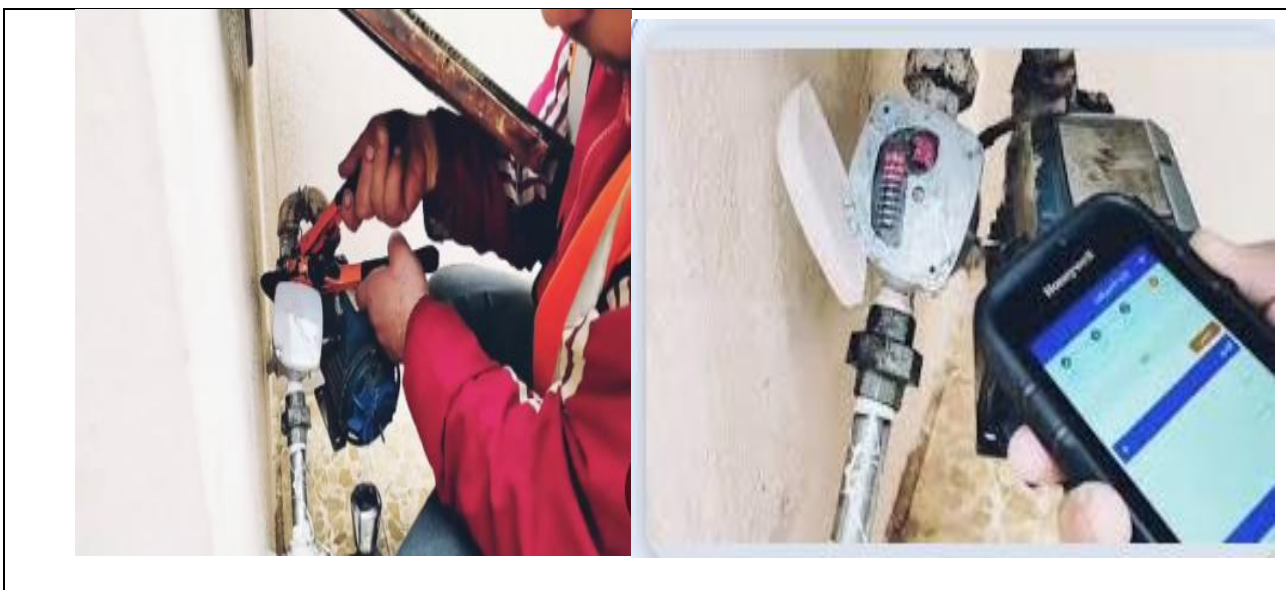
## Template for Evidence(s) UI GreenMetric Questionnaire

University : Samarra  
 Country : Iraq  
 Web Address : www.uosamarra.edu.iq

### [4] Water (WR)

#### [4.6] Planning, implementation, monitoring and/or evaluation of all programs related to Water Management through the utilization of Information and Communication Technology (ICT)

| Stage          | Activities/Programs                              | ICT Utilization                       | Evidence   | Timeline              | Responsible Team/Department                               |
|----------------|--|---------------------------------------|--|-----------------------|---|
| Planning       | Develop water conservation strategy, set targets | Water usage analytics software        | Strategic plan documents, water usage reports    | Jan 2026 - continuous | Sustainability and, CIC Center                            |
| Implementation | Install water-saving fixtures, promote awareness | Smart meters, water-saving app        | Installation logs, awareness campaign reports    | Mar 2026 - continuous | Facility of Engineering and Engineering consulting office |
| Monitoring     | Track water usage and savings                    | Real-time monitoring software         | Water usage reports, savings analytics           | Elementary            | Sustainability and CIC Center                             |
| Evaluation     | Assess effectiveness of conservation programs    | Data analysis tools, feedback systems | Program evaluation reports, stakeholder feedback | Annually              | Quality and performance and service center                |





### National Water Meter Installation Project


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**National Water Meter Installation Project**  
September 1

Water meter operation stage.  
Installing and operating the water meter helps you (know the amount of water consumption and allows the citizen to control his own consumption as well as reduce waste). The meters are operated immediately after they are installed.

#Consume healthily  
#Ministry of Construction and Housing  
#Water meter installation campaign




**Brief summary**

Awareness campaign to rationalize water consumption and install water meters

Page - Government Organization

No rating yet (0 reviews)

**the pictures**



Smart water meter and water-saving app—University of Samarra



## Description:

The University of Samarra adopts modern Information and Communication Technology (ICT) systems to support sustainable water management in accordance with the UI GreenMetric 2026 framework. The university utilizes smart technologies, monitoring systems, and digital data analysis tools to improve water efficiency, reduce waste, and support evidence-based environmental management.

### ICT-Based Water Management Strategy

The university developed an integrated ICT-based water management strategy that includes:

- Smart water metering systems.
- Real-time water consumption monitoring.
- Water analytics and reporting software.
- Digital awareness and water-saving applications.
- Automated data collection and evaluation systems.

These systems support campus sustainability planning and help improve water resource efficiency.

### Planning and Implementation

The University of Samarra collaborates with the Samarra Central Water Directorate and relevant engineering departments to install electronic and smart water meters across university facilities.

Implementation activities include:

- Installation of low-flow water fixtures.
- Smart water meter deployment.
- ICT-supported monitoring applications.
- Water conservation awareness campaigns.
- Data-driven maintenance and leak detection systems.

### Monitoring and Evaluation

The university continuously monitors water consumption through digital platforms and real-time monitoring software. The collected data are analyzed periodically to:

- Measure water-saving performance.
- Detect abnormal water consumption.
- Support sustainability reporting.
- Improve operational efficiency.
- Evaluate the effectiveness of conservation programs.

Annual assessments are conducted by the sustainability and quality assurance units.

### Environmental and Sustainability Impact

ICT-supported water management contributes to:

- Reducing water waste across campus.
- Enhancing operational sustainability.
- Supporting digital transformation initiatives.
- Improving institutional environmental performance.
- Achieving alignment with Sustainable Development Goals (SDGs).

Supporting Evidence and Official Links



<https://uosamarra.edu.iq>.

<https://uosamarra.edu.iq/sustainable-dev>.

