








# Template for Evidence(s) UI GreenMetric Questionnaire


University : University of Samarra  
 Country : Iraq  
 Web Address : [www.samarra.edu.iq](http://www.samarra.edu.iq)







## [2] Energy and Climate Change (EC)

### [2.16] Impact of Energy and Climate Change programs in supporting the Sustainable Development Goals (SDGs)



-  High-Density Wi-Fi Connectivity
-  Unfettered Student, Faculty, and Staff Mobile and Application Usage (PPSK)
-  Mobile QR Code and Contactless Services
-  Digital Classrooms
-  IoT Connected Devices
-  360 Analytics for IT, Operations, Marketing



-  Locations-Based Services and Insights
-  Biometric Screening and Payment
-  Digital POS/Payment, Touchless transactions
-  Interactive Campus Security
-  Digital Twin to Stage, Validate, Deploy a Network
-  Intelligent POE Lighting, HVAC, Energy Management

Example

**Description:**

The University of Samarra has undertaken a range of energy- and climate-related educational, awareness, and sustainability initiatives that contribute to the achievement of the Sustainable Development Goals (SDGs). These activities demonstrate the university’s commitment to promoting renewable energy awareness, energy efficiency, and environmental sustainability within the university community and society.

Key programs and initiatives include:



- **Promotion of renewable energy awareness through scientific seminars and workshops**, including specialized events on solar photovoltaic (PV) technologies and clean energy applications. The university organized scientific seminars addressing solar cells and renewable energy technologies to increase awareness of sustainable energy solutions among students and staff.
- **Energy conservation and electricity consumption awareness programs**, including workshops focused on rationalizing electricity use and promoting responsible energy behavior. These activities emphasize energy-saving practices, efficient electricity use, and reducing dependence on traditional energy sources.
- **Environmental Sustainability Week activities**, organized to enhance awareness of carbon management, renewable energy, and climate-related issues. The university conducted workshops and educational exhibitions on renewable energy technologies and carbon reduction strategies to encourage sustainable practices across campus.
- **Policies supporting energy efficiency in buildings**, where the university states its commitment to adopting energy-efficient standards in renovation and new construction projects. These include promoting renewable energy technologies such as solar panels, energy-saving LED lighting systems, and smart approaches to energy efficiency.
- **Research and innovation in renewable energy and sustainability**, including scientific research on solar energy, photovoltaic systems, clean energy generation, and sustainable environmental solutions conducted by academic staff and researchers.
- **Climate awareness and environmental education initiatives**, including seminars on green education, sustainable development, and environmental responsibility to strengthen sustainability culture within the university community.

These efforts directly support several Sustainable Development Goals, particularly:

- **SDG 4 – Quality Education:** through sustainability-related education, seminars, and scientific training programs.
- **SDG 7 – Affordable and Clean Energy:** by promoting renewable energy technologies, especially solar energy awareness and energy efficiency practices.
- **SDG 9 – Industry, Innovation and Infrastructure:** through research and innovation in sustainable energy technologies and environmental engineering solutions.
- **SDG 12 – Responsible Consumption and Production:** by encouraging rational electricity consumption and efficient resource use.
- **SDG 13 – Climate Action:** through climate awareness, carbon management activities, and renewable energy promotion.
- **SDG 17 – Partnerships for the Goals:** through cooperation with governmental and national initiatives related to climate change and sustainability.

- [1]: [https://en.uosamarra.edu.iq/sustainable-dev-pillar/affordable-and-clean-energy-sdg-7/?utm\\_source=chatgpt.com](https://en.uosamarra.edu.iq/sustainable-dev-pillar/affordable-and-clean-energy-sdg-7/?utm_source=chatgpt.com) "طاقة نظيفة وبأسعار معقولة (الهدف 7) Archives - University of Samarra"
- [2]: [https://en.uosamarra.edu.iq/sustainable-dev-pillar/affordable-and-clean-energy-sdg-7/?utm\\_source=chatgpt.com](https://en.uosamarra.edu.iq/sustainable-dev-pillar/affordable-and-clean-energy-sdg-7/?utm_source=chatgpt.com) "طاقة نظيفة وبأسعار معقولة (الهدف 7) Archives - University of Samarra"
- [3]: [https://en.uosamarra.edu.iq/awareness-seminar-at-the-university-of-samarra-discusses-the-concept-of-green-education-and-sustainable-development/?utm\\_source=chatgpt.com](https://en.uosamarra.edu.iq/awareness-seminar-at-the-university-of-samarra-discusses-the-concept-of-green-education-and-sustainable-development/?utm_source=chatgpt.com) "Awareness Seminar at the University of Samarra Discusses the Concept of Green Education and Sustainable Development - University of Samarra"



[4]: [https://en.uosamarra.edu.iq/samarra-university-organizes-a-joint-scientific-course-to-support-renewable-energy-and-reduce-emissions/?utm\\_source=chatgpt.com](https://en.uosamarra.edu.iq/samarra-university-organizes-a-joint-scientific-course-to-support-renewable-energy-and-reduce-emissions/?utm_source=chatgpt.com) "Samarra University Organizes a Joint Scientific Course to Support Renewable Energy and Reduce Emissions - University of Samarra"