



## Template for Evidence(s) QS WORLD UNIVERSITY RANKINGS



University: University of Sumer

Country: Iraq

Web Address: [جامعة سومر | University of Sumer \(uos.edu.iq\)](http://جامعة سومر | University of Sumer (uos.edu.iq))

### QS-university report about carbon emissions

Energy and Climate Change (EC)

Greenhouse gas emission reduction program



1-Small water cooler



2- Using Shared cars



3- Shutting down of the electrical devices after the work hours



4- Turning off the Generators during their long time work

1- There is a program that deals with reduce the fugitive emission which is reduce the number of refrigerators and using the small water cooler.

2- Reduce the private cars and use shared cars which are already parked out of the university buildings.



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3- Shutting down most of the electrical devices after the work hours which are after 2:30 PM.

4- Give a rest for the electricity generations during their works for cooling.

### Energy and Climate Change (EC)

**The Total Carbon Footprint (CO<sub>2</sub> emission in the last 12 months, in metric tons)**

$$\begin{aligned}\text{CO}_2(\text{electricity}) &= ((\text{electricity usage per year (kWh)}/1000)*0.84 \\ &= ((600050 \text{ (kWh)}/1000)*0.84 \\ &= 504 \text{ metric tons}\end{aligned}$$

**CO<sub>2</sub> (bus)= 0 metric tons** because our university colleges do not have any parking or road for cars, buses and motorcycle and no any vehicles can inter and travel inside the university colleges

**CO<sub>2</sub> (cars)= 0 metric tons** because our university colleges do not have any parking or road for cars, buses and motorcycle and no any vehicles can inter and travel inside the university colleges

**CO<sub>2</sub> (motorcycle)= 0 metric tons** because our university colleges do not have any parking or road for cars, buses and motorcycle and no any vehicles can inter and travel inside the university colleges

$$\text{CO}_2(\text{total})= 504 +0+0+0= 504 \text{ metric tons}$$

**Carbon footprint in 2023= 504 metric tons**