



University : Alnoor University
Country : Mosul / Iraq
Web Address: <https://alnoor.edu.iq/>

SDG7: Affordable and Clean Energy

7.2.3 - Does your university as a body have a process for carbon management and reducing carbon dioxide emissions?

Option 2: Recommended by UI GreenMetric

CO₂ (electricity)

$$\begin{aligned} &= \frac{\text{electricity usage per year (kWh)}}{1000} \times 0,84 \\ &= \frac{857472 \text{ kWh}}{1000} \times 0,84 \\ &= 720.27 \text{ metric tons} \end{aligned}$$

CO₂ (bus)

$$\begin{aligned} &= \frac{\text{number of shuttle bus in your university} \times \text{total trips for shuttle bus service each day} \times \text{approximate travel distance of vehicle each day inside campus only (KM)} \times 240}{100} \times 0,01 \\ &= \frac{0 \times 0 \times 0 \times 240}{100} \times 0,01 \\ &= 0 \text{ metric tons} \end{aligned}$$

CO₂ (cars)

$$\begin{aligned} &= \frac{\text{number of cars entering your university} \times 2 \times \text{approximate travel distance of vehicle each day inside campus only (KM)} \times 240}{100} \times 0,02 \\ &= \frac{0 \times 2 \times 0 \times 240}{100} \times 0,02 \\ &= 0 \text{ metric tons} \end{aligned}$$

CO₂ (motorcycle)

$$\begin{aligned} &= \frac{\text{number of motorcycle entering your university} \times 2 \times \text{approximate travel distance of vehicle each day inside campus only (KM)} \times 240}{100} \times 0,01 \\ &= \frac{0 \times 2 \times 0 \times 240}{100} \times 0,01 \\ &= 0 \text{ metric tons} \end{aligned}$$

CO₂ (total)

$$\begin{aligned} &= 720.27 + 0 + 0 + 0 \\ &= 720.27 \text{ metric tons} \end{aligned}$$

Carbon footprint in 2023 = 720.27 metric tons

Total Carbon Footprint (Alnoor University, Iraq)



At Alnoor Campus there is no car parking inside the campus. And they encourage walking and as the Campus is not too big so it is easy to move on foot in the campus. Also there is no motorcycle enter the campus. Also for the buses that never enter into the campus. Alnoor University is concerned to make sure that its campus environment is clean. All the electric devices which used at ALNoor University campus are environmental and green.

Additional evidence link : [Al Noor Digital Repository](#)