ULUSLARARASI KIBRIS ÜNİVERSİTESİ
CYPRUS INTERNATIONAL UNIVERSITY

Evidence for UI GreenMetric Questionnaire

University : Cyprus International University
Country : North Cyprus - Turkey
Web Address : www.ciu.edu.tr

[2] Energy and Climate Change (EC)

[2.11] Please Provide The Total Carbon Footprint (CO_2 emission in the last 12 months, in metric tons)

2010 CO_2e

CO_2 (electricity)

$$= \frac{Consumption - Generation}{1000} \times 0.74$$

$$= \frac{4{,}485{,}574}{1000} \times 0.74$$

$= 3{,}319.3$ metric tons

CO_2 (bus)

2,640 tCO_2e/year

CO_2 (LPG)

$306{,}537 \times 1.51 = 462{,}870.87$ kg $CO_2e = 462.9$ tCO_2e/year

462.9 tCO_2e/year

CO_2 (total)
6,885.1 tCO_2e/year

2025 CO_2e

CO_2 (electricity)

$$= \frac{Consumption - Generation}{1000} \times 0.74$$

$$= \frac{6{,}819{,}293}{1000} \times 0.74$$

6,819,293 x 0.74 = 5,046,276.82 kg CO_2e

5,046.3 t CO_2e

CO_2 (bus)

2,640 tCO_2e

CO_2 (LPG)

285,183 m3×2.0 kg CO_2e/m3=570,366 kg CO_2e

=570.4 tCO_2e

CO_2 (total)

8,256.7 tCO_2

Building Area Information for CIU Campus:
2010: 68270 m^2
2026: 144620 m^2