

Annualized Total Bitcoin Footprints

Carbon Footprint

95.86 Mt CO₂



Comparable to the carbon footprint of
Uzbekistan.

Electrical Energy

201.81 TWh



Comparable to the power
consumption of Thailand.

Electronic Waste

30.34 kt



Comparable to the small IT equipment
waste of the Netherlands.

Single Bitcoin Transaction Footprints

Carbon Footprint

978.25 kgCO₂



Equivalent to the carbon footprint of
2,168,135 VISA transactions or
163,041 hours of watching Youtube.

Electrical Energy

2059.47 kWh



Equivalent to the power consumption
of an average U.S. household over
70.59 days.

Electronic Waste

309.60 grams



Equivalent to the weight of 1.89
iPhones 12 or 0.63 iPads. (Find more
info on e-waste [here.](#))