

Annualized Total Bitcoin Footprints

Carbon Footprint

114.06 Mt CO₂



Comparable to the carbon footprint of
Czech Republic.

Electrical Energy

204.50 TWh



Comparable to the power
consumption of Thailand.

Electronic Waste

33.29 kt



Comparable to the small IT equipment
waste of the Netherlands.

Single Bitcoin Transaction Footprints

Carbon Footprint

1206.23 kgCO₂



Equivalent to the carbon footprint of
2,673,429 VISA transactions or
201,039 hours of watching Youtube.

Electrical Energy

2162.64 kWh



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

Electronic Waste

352.00 grams



Equivalent to the weight of 2.15
iPhones 12 or 0.72 iPads. (Find more
info on e-waste [here.](#))