

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

31.90 kt



Comparable to the small IT equipment
waste of the Netherlands.

Single Bitcoin Transaction Footprints

Carbon Footprint

1270.95 kgCO₂



Equivalent to the carbon footprint of
2,816,875 VISA transactions or
211,826 hours of watching Youtube.

Electrical Energy

2278.68 kWh



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

Electronic Waste

355.50 grams



Equivalent to the weight of 2.17
iPhones 12 or 0.73 iPads. (Find more
info on e-waste [here](#).)