

# Bitcoin Energy Consumption in Context (2024)

Bitcoin Mining Energy Sources:

Renewable: ~50-60%  
**260 TWh**

Fossil Fuels: ~35-45%

Nuclear: ~5%

Traditional  
Banking\*

Norway

Netherlands

Argentina

Bitcoin  
Mining

**140 TWh**

**120 TWh**

**130 TWh**

**150 TWh**

Annual Energy Consumption (TWh)

\*Traditional banking includes data centers, branches, ATMs, card networks