# An Alternative to Proof of Work

- Recall that mathematical problems need to be solved to create new blocks

- Whomever solves the problem (finds the nonce) first gets to create the block

- Miners solve the problem for the sake of solving the problem

- Immense amount of energy is wasted

# Bitcoin Energy Consumption

1 Bitcoin transaction — 100,000 VISA transactions

BitcoinEnergyConsumption.com