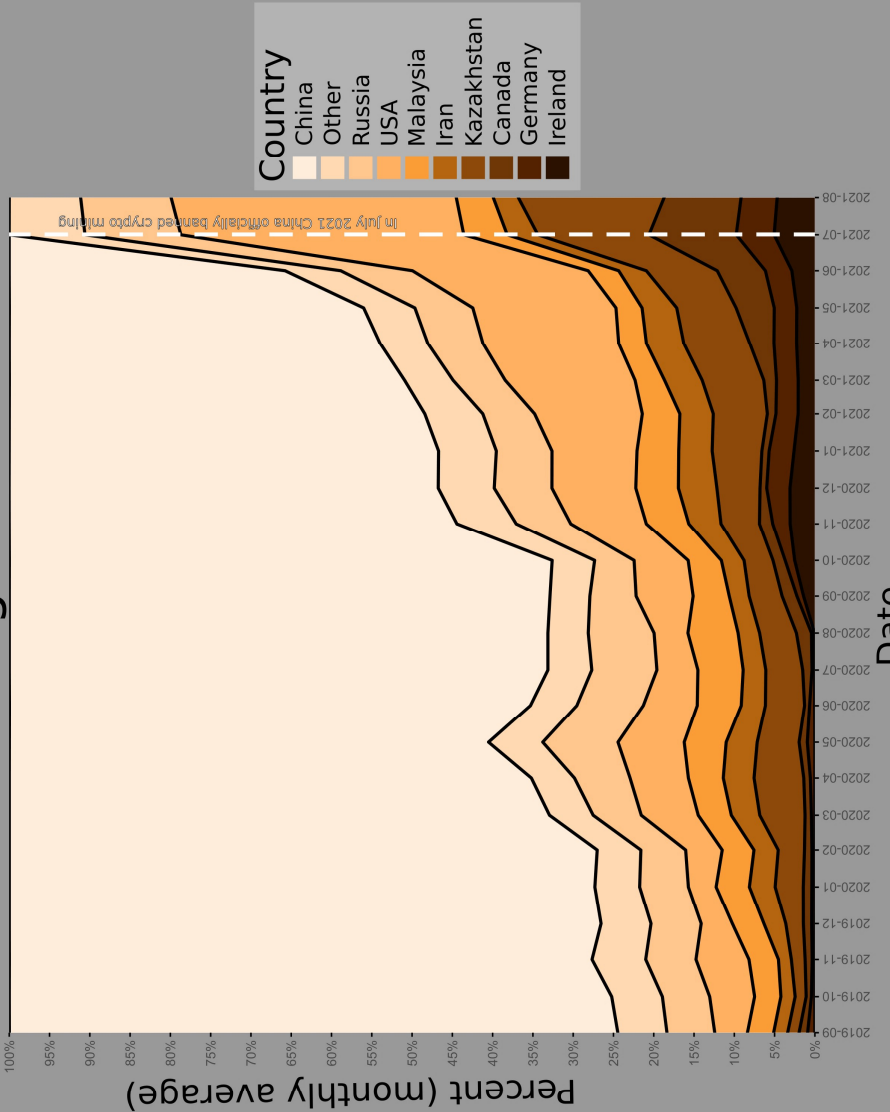


Crypto

And its influence on the environment

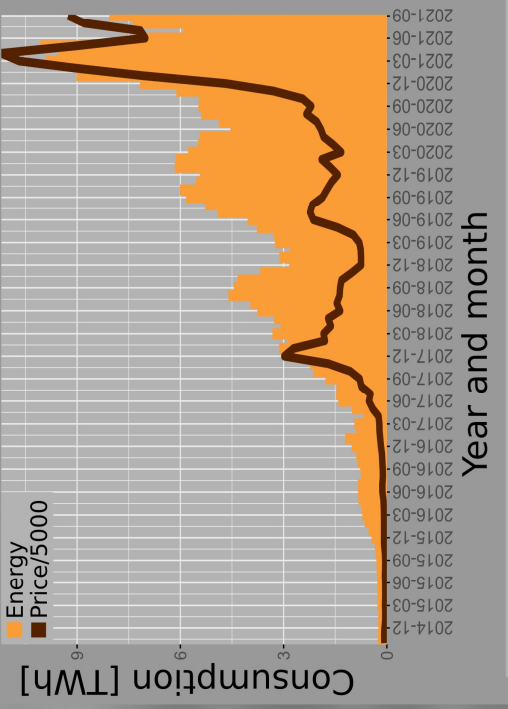
Contribution to global hashrate



Countries' share of BTC mining hashrate looks a bit surprising at the first glance. 'Where did the China go?', you may ask. Well, in fact, Chinese miners didn't cease Crypto mining was banned in July, so no official statistics have been available since then. That explains the sudden drop, but we can also see that miners from US and Kazakhstan are gaining ground on the others.

Data source: <https://blockchain.info>

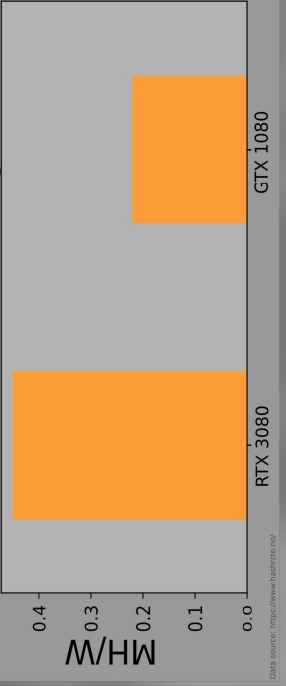
BTC energy consumption in comparison to BTC price (divided by 5000)



This plot represents changes in BTC stock price and energy consumed for mining in time. There are three major peaks which can be distinguished. In the first two of them (emerging in late 2017 and middle 2019) energy consumption increased more than stock price by percentage, though the third peak was more significant when it comes to the price change. The major cause of it is probably the improvement in the GPUs' energy efficiency (hashrate per watt)

Data source: <https://www.hashrate.com>

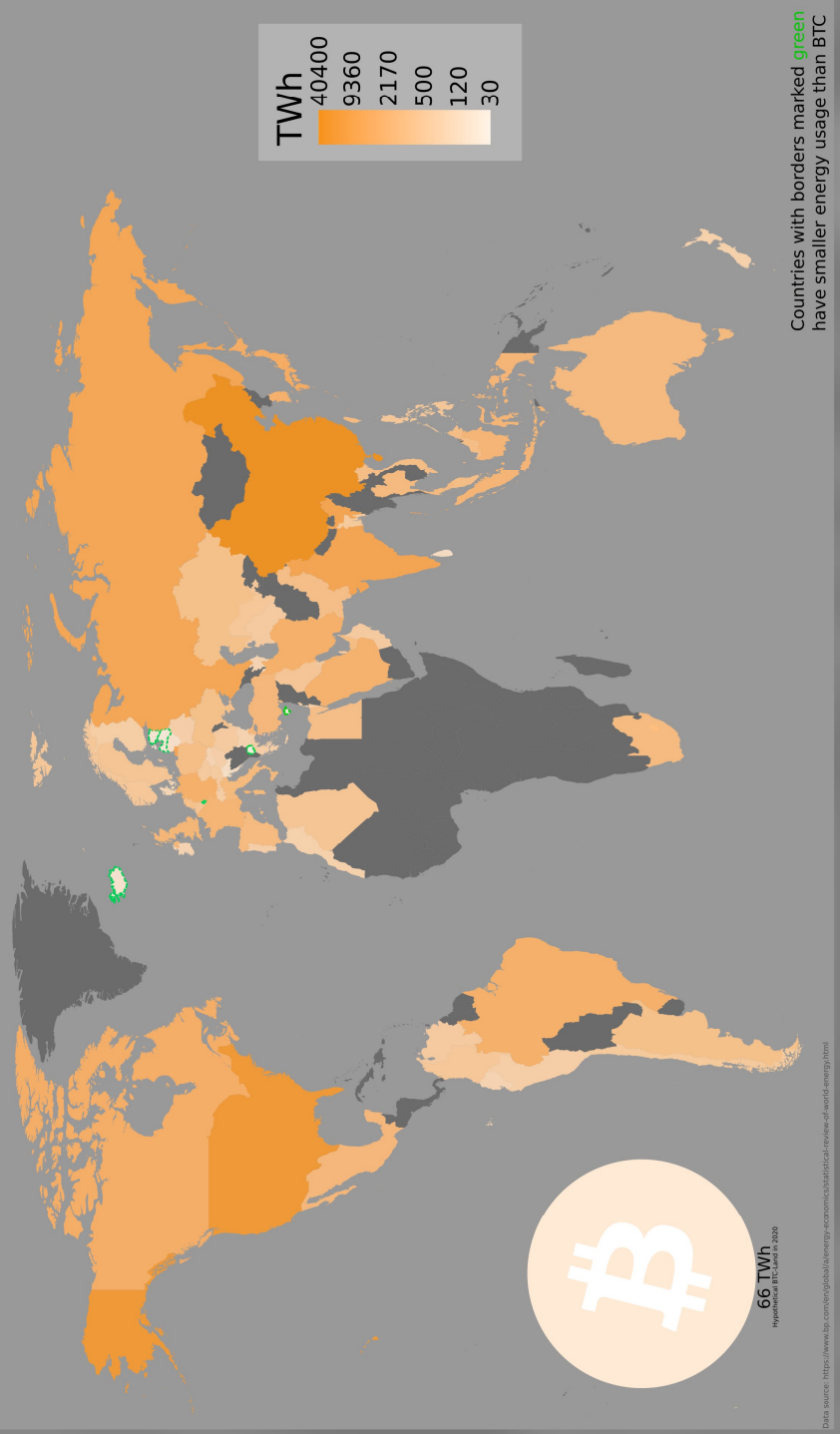
HashRate/W by GPU



Data source: <https://www.hashrate.com>

Global energy consumption in 2020

+hypothetical BTC-Land with energy consumption of all BTC mining in 2020 combined



Data source: <https://www.bp.com/en/global/energy/economics/statistical-review-of-world-energy.html>

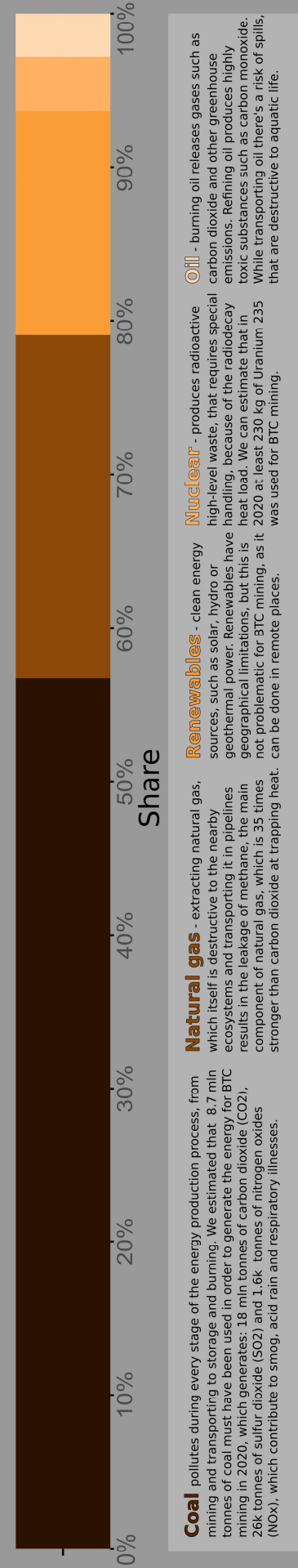
Bitcoin's creator



Sources: <https://www.4mat.com/2014/04/04/who-is-satoshi-nakamoto/>, <https://www.4mat.com/2014/04/04/who-is-satoshi-nakamoto/>, <https://www.4mat.com/2014/04/04/who-is-satoshi-nakamoto/>

Satoshi Nakamoto was (or were) the inventor(s) of Bitcoin cryptocurrency. Created in 2009, BTC was developed by him(them) until December 2010. The identity of Nakamoto still remains unknown. Due to the great amount of work and knowledge which was required to create the transaction system, many experts have considered Nakamoto to be a group of people. Amongst other candidates, most interesting claims are: Elon Musk, Hal Finney or former programmer and drug dealer Paul Le Roux.

Global energy production by source



Data source: <https://www.bp.com/en/global/energy/economics/statistical-review-of-world-energy.html>