

Kriptovalute i blokčein, 10 godina kasnije

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Šta je bitkoin?

- **Privatna** - Ne izdaje je nijedna institucija
- **Decentralizovana** - Ne postoji centralizovani izdavač, jedinice valute se decentralizovano dodeljuju putem algoritma
- **Digitalna** - Potpuno elektronska valuta, bez neophodne fizičke manifestacije ni vezivanja za određenu robu
- **Kriptovaluta** - Kriptografija se koristi za verifikaciju transakcija i kontrolu generisanja novih jedinica valute

Kako je sve počelo?

Bitcoin White
Paper



31.10.2008.

Počínje rudarenje
bitkoina



03.01.2009.

„Bitcoin pizza
day“



22.05.2010.

Zašto koristimo posrednike?

- Slanje/primanje novca
- Komunikacija
- Slanje/primanje medijskog sadržaja
- Slanje/primanje paketa

Problemi sa posrednicima

- Vreme



- Cena



- Sigurnost



- Bezbednost

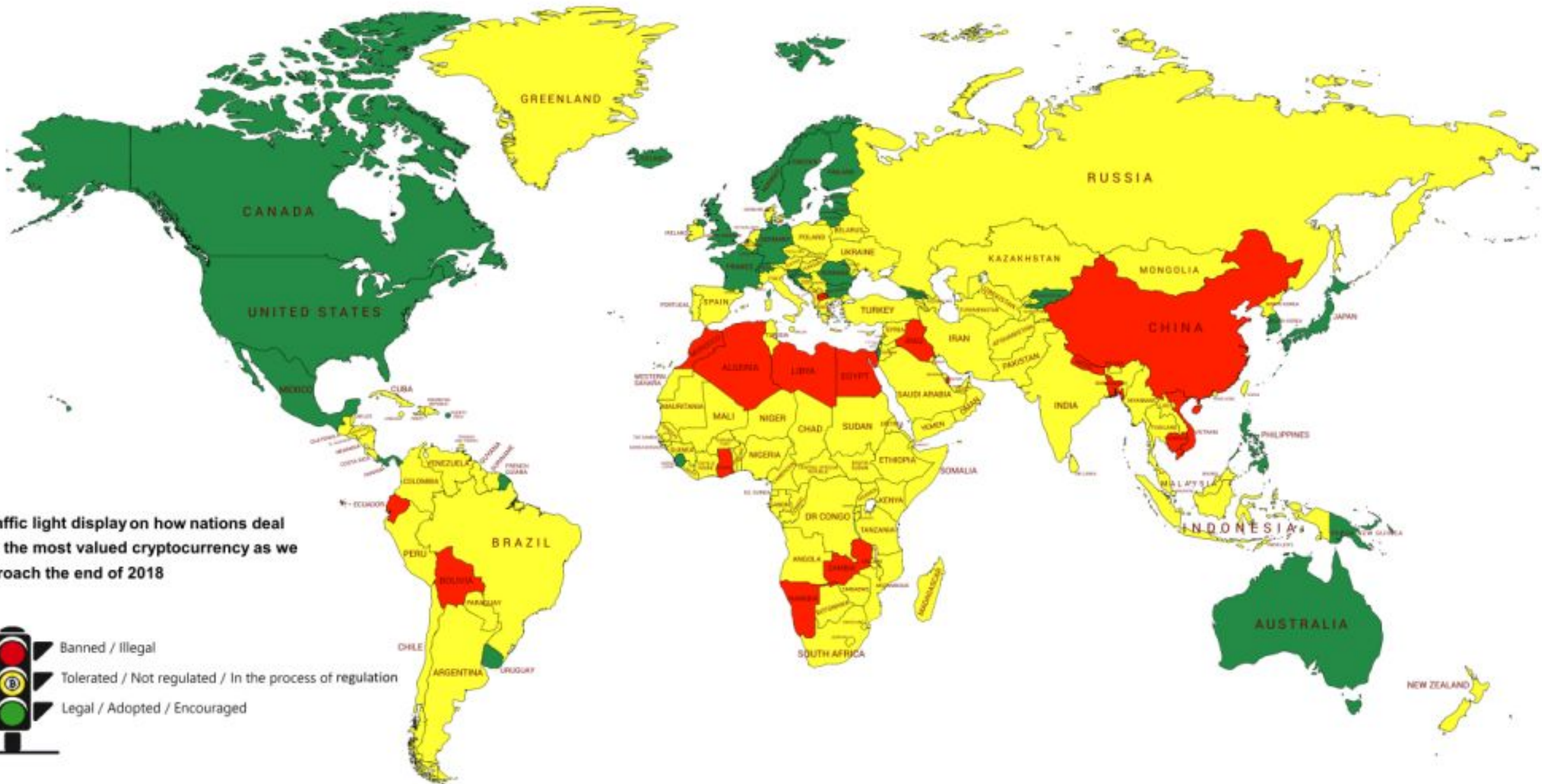


Kako je Bitcoin rešio BGP?

- Povećavanje broja posrednika
- Nagrađivanje poštenog ponašanja posrednika
- Više od 50% učesnika potrebno da se ugrozi sistem
- Čak i tada, šteta koja se može učiniti je vrlo ograničena
- Napad ne može biti ekonomski isplativ

Najveći padovi cene bitkoina

DATES	HIGH	LOW	DURATION	DROP	CATALYST	NEW ATH
Dec 2017 - Nov 2018	\$19,891	\$3,625	346 days	-81.8%		-
Dec 2013 - Jan 2015	\$1,147	\$177	411 days	-84.6%		771 days
Apr 2013	\$259	\$68	3 days	-73.7%	High volume breaks Mt.Gox	210 days
Aug 2012	\$16	\$7	3 days	-56.7%	BTC Ponzi scheme halts payments	114 days
Jun - Nov, 2011	\$29	\$2	94 days	-93.1%	Mt.Gox Hacked	461 days



- Banned / illegal
- Tolerated / Not regulated / In the process of regulation
- Legal / Adopted / Encouraged

Javni blokčein

- Svima dostupan
- „Open source“
- Otporan na napade
- Nepromenljiva baza podataka
- Ograničen kapacitet
- Neefikasno upravljanje

Privatni blokčein

- Ograničen pristup
- Nije „open source“
- Veliki kapacitet
- Efikasno upravljanje
- Nova vrsta napada
- Previše moći u rukama malog broja učesnika

Top 10 US Blockchain Patent Owners



The image shows the People's Bank of China building, a large, curved, modern structure with a grid of windows. A large Chinese flag is flying on a tall pole in the center. The sky is a pale, overcast blue. The building's facade is made of light-colored stone or concrete panels.

Future Society

China Becomes First Country in the World to Test a National Cryptocurrency



 Petro



facebook

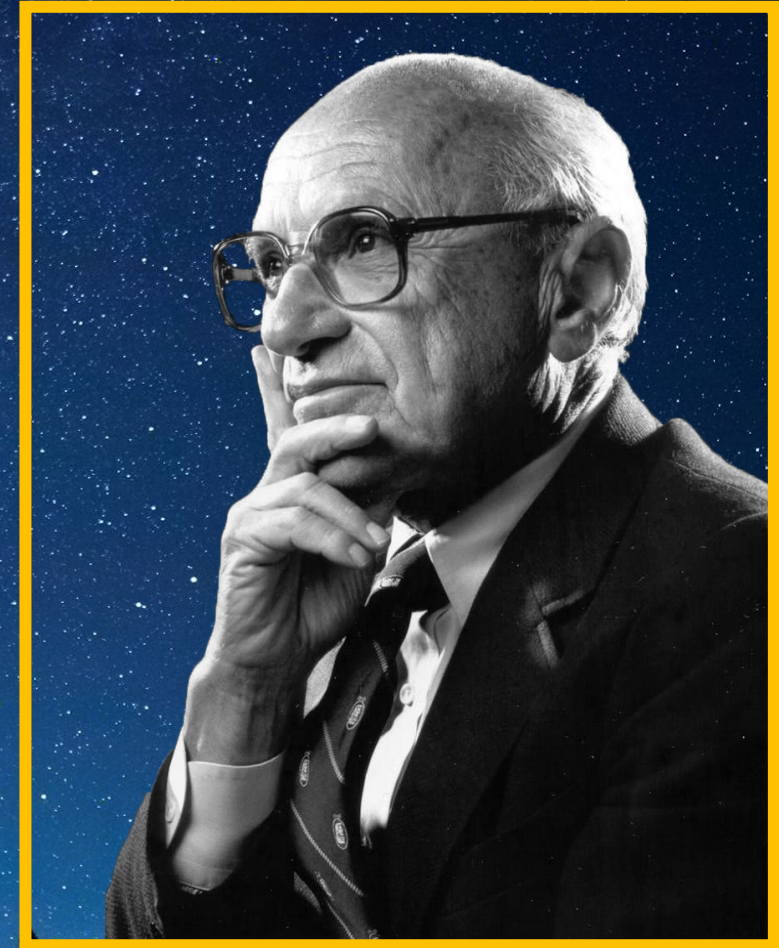
„I don't believe we shall ever have a good money again before we take the thing out of the hands of government – that is, we can't take them violently out of the hands of government, all we can do is by some sly roundabout way introduce something that they can't stop.“

Friedrich August von Hayek, a
Nobel Prize winner in economics



„I think the internet is going to be one of the major forces for reducing the role of government. The one thing that's missing but that will soon be developed, is a reliable e-cash.“

Professor Milton Friedman,
a Nobel Prize winner in
economics



*„We should shut down
the cryptocurrencies!“*

Joseph Stiglitz,
a Nobel Prize winner in
economics





DOOM



MOON



Hvala na pažnji!

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