

Криптовалюты

специфика,

проблемы

и перспективы использования

Криптовалюты, это...



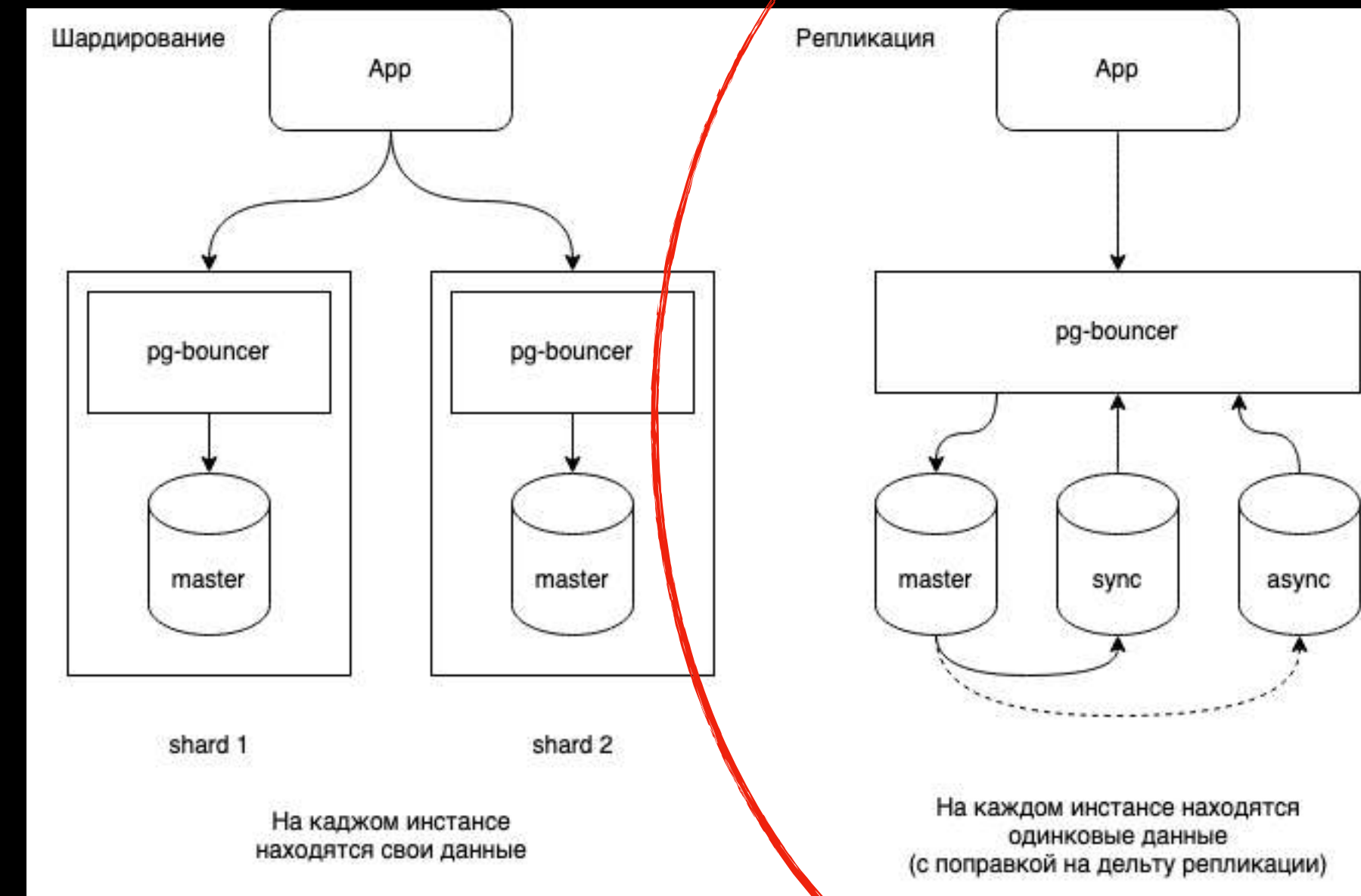
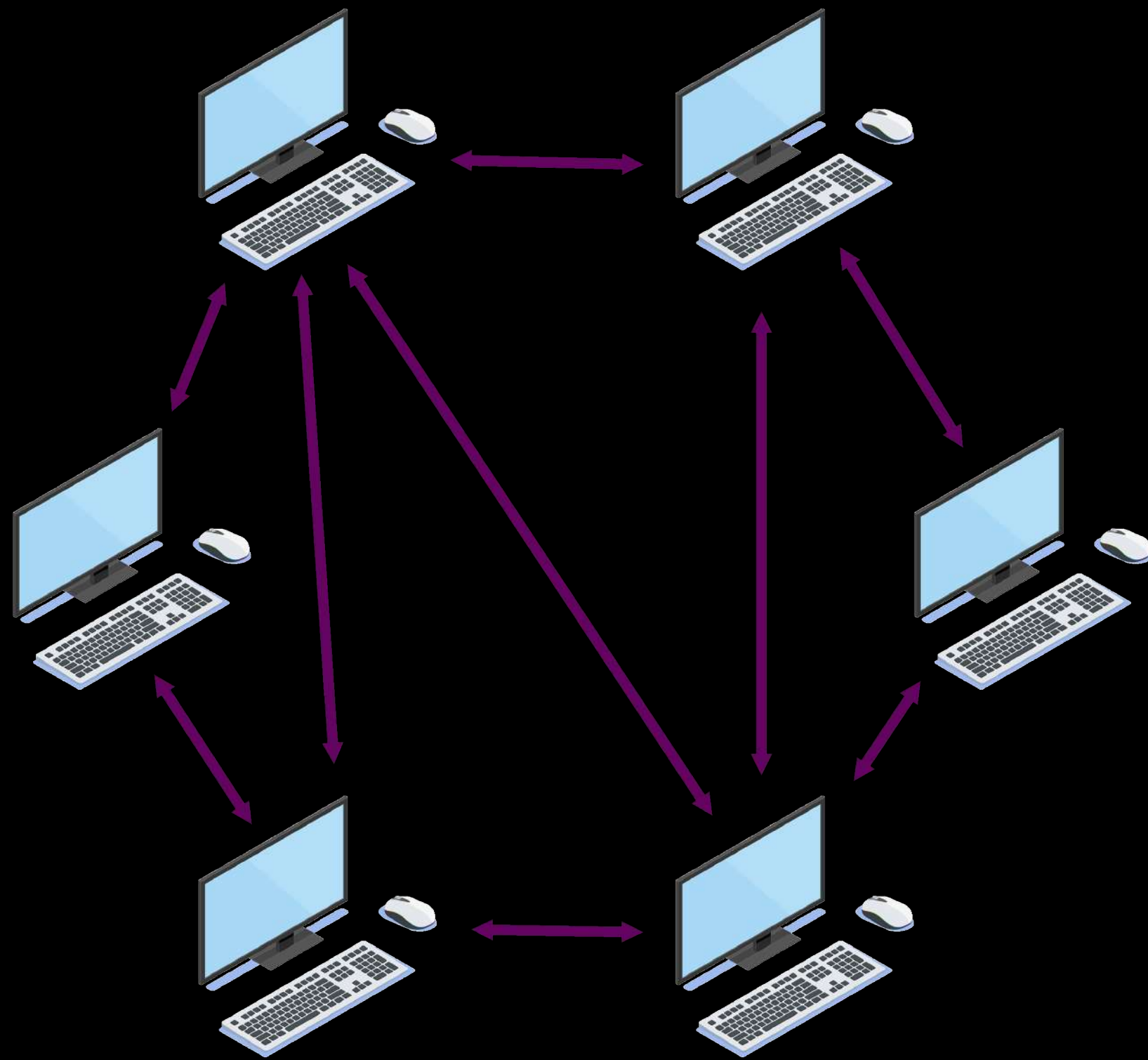
+

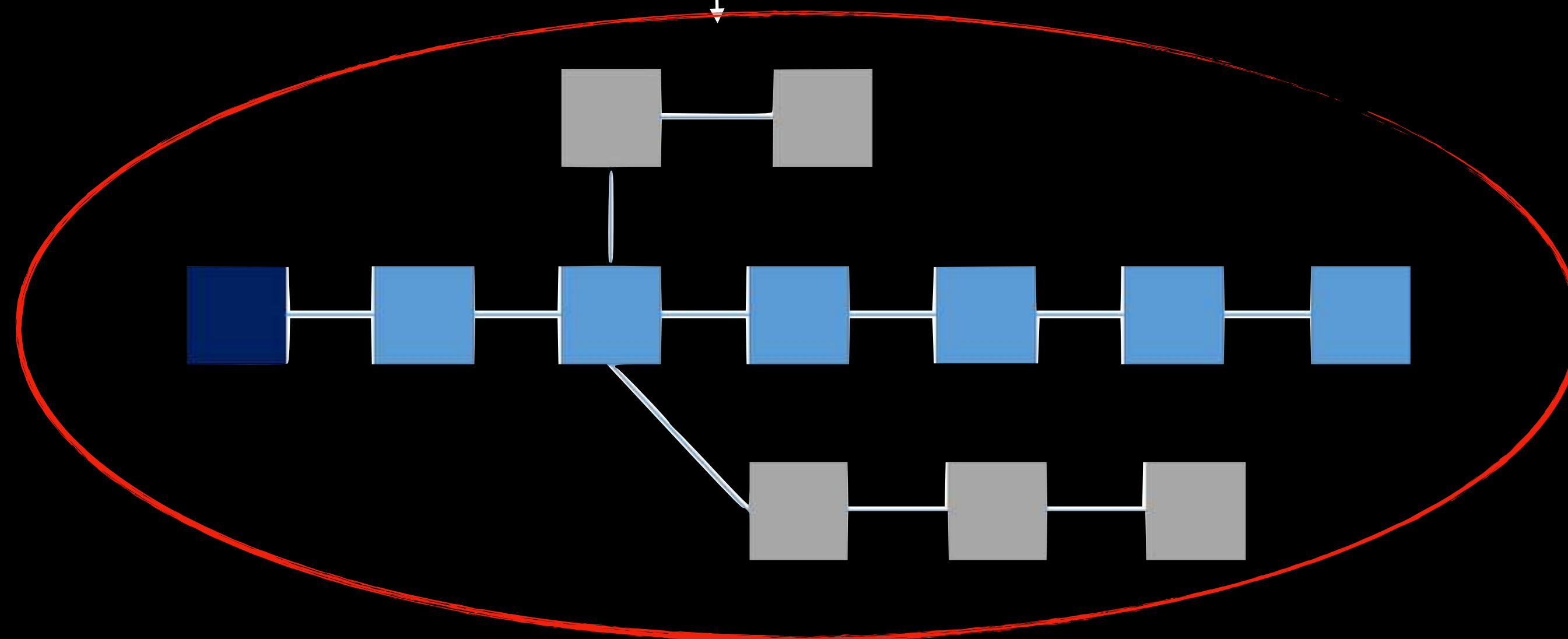
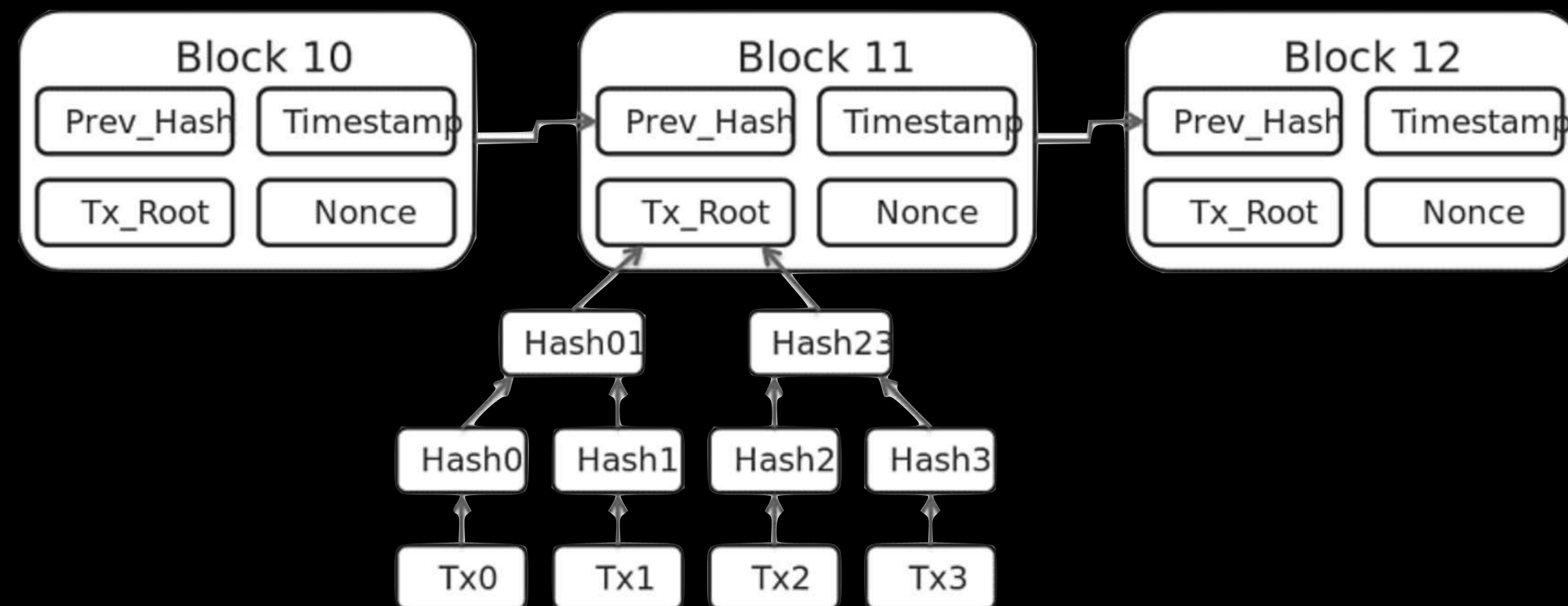


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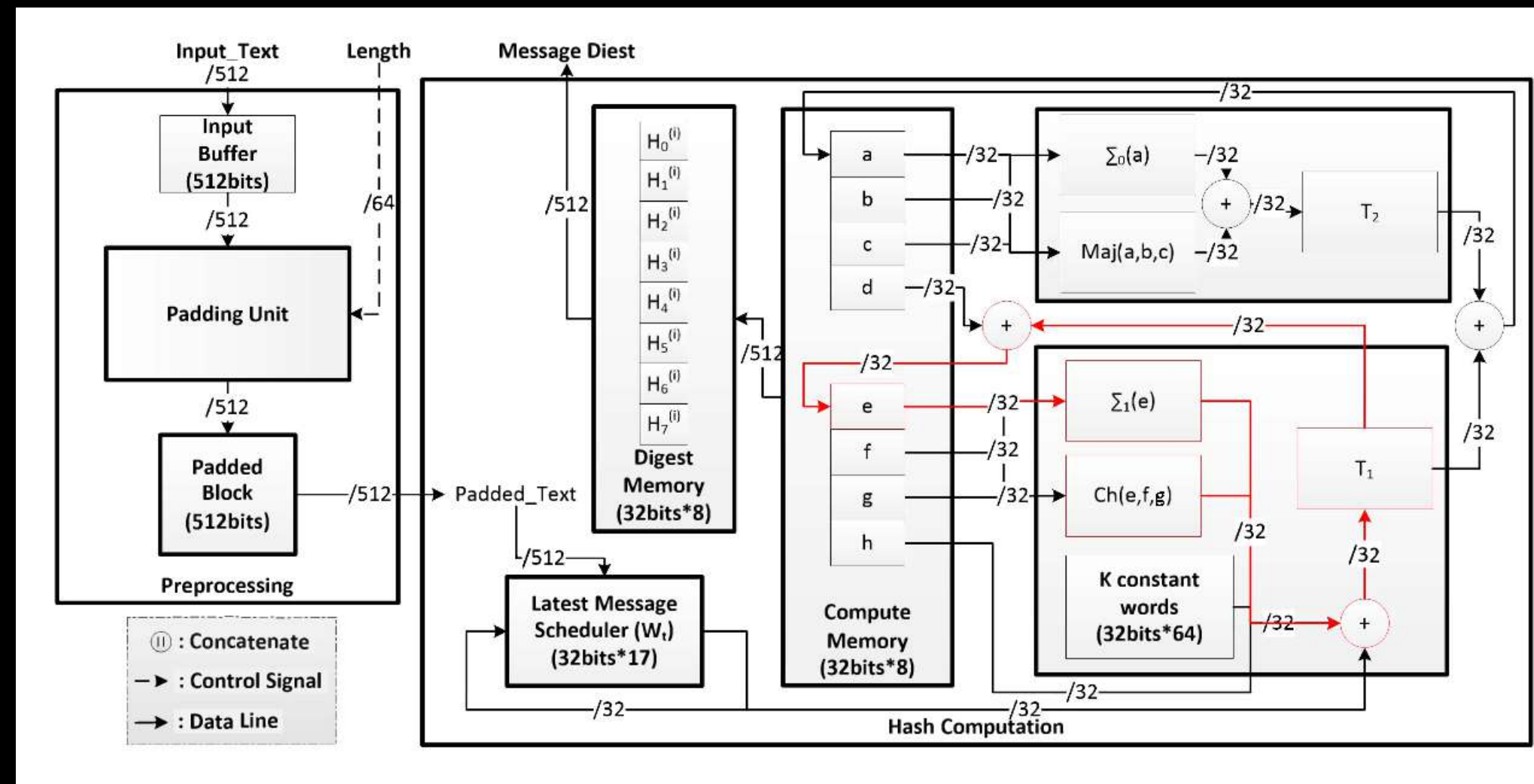


Что это...





SHA-256 (SHA-2)



2^{256}

100,000,000,000,000,000,
 000,000,000,000,000,000,
 000,000,000,000,000,000,
 000,000,000,000,000,000,
 000,000

Text

SHA256 hash

hello → 2cf24dba5fb0a30e26e83b2ac5b9e29e
 1b161e5c1fa7425e73043362938b9824

Proof of Work



Proof of Stake

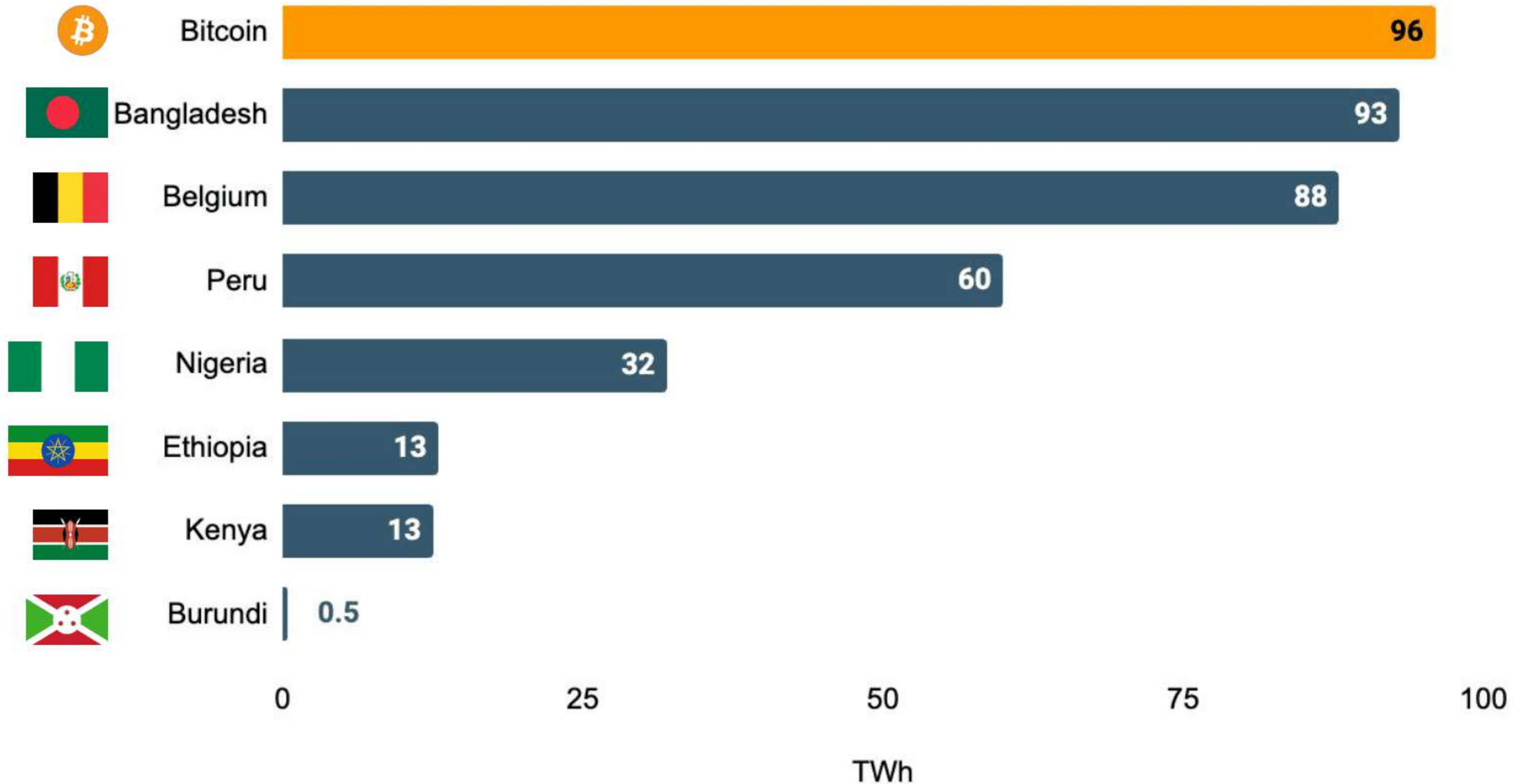


Проблемы

Infographic: Bitcoin is a (Big) Country

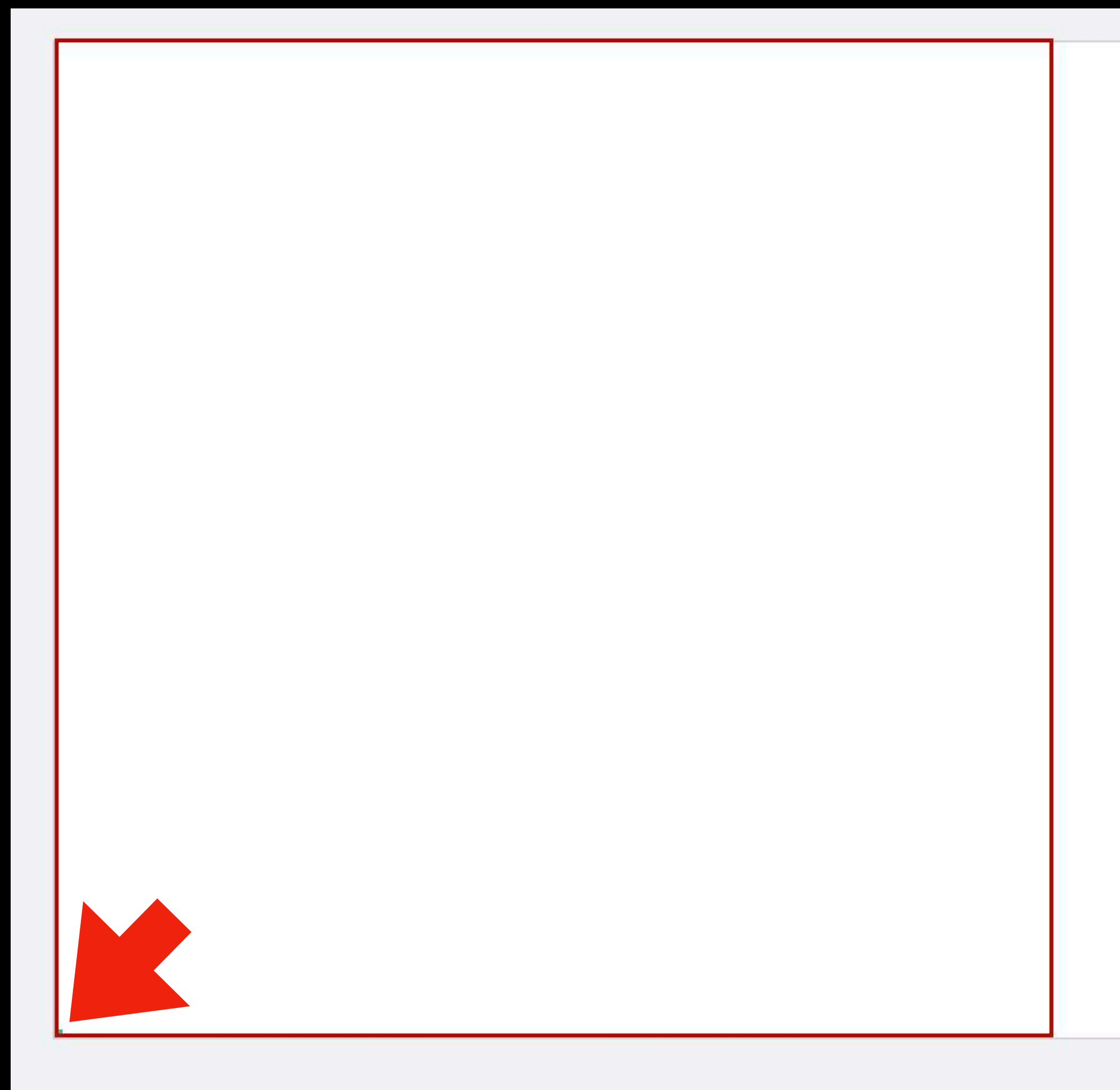


Electricity consumption (TWh), 2022



Sources: Cambridge Blockchain Network Sustainability Index & Our World in Data

Note: Ethiopia data is for 2021



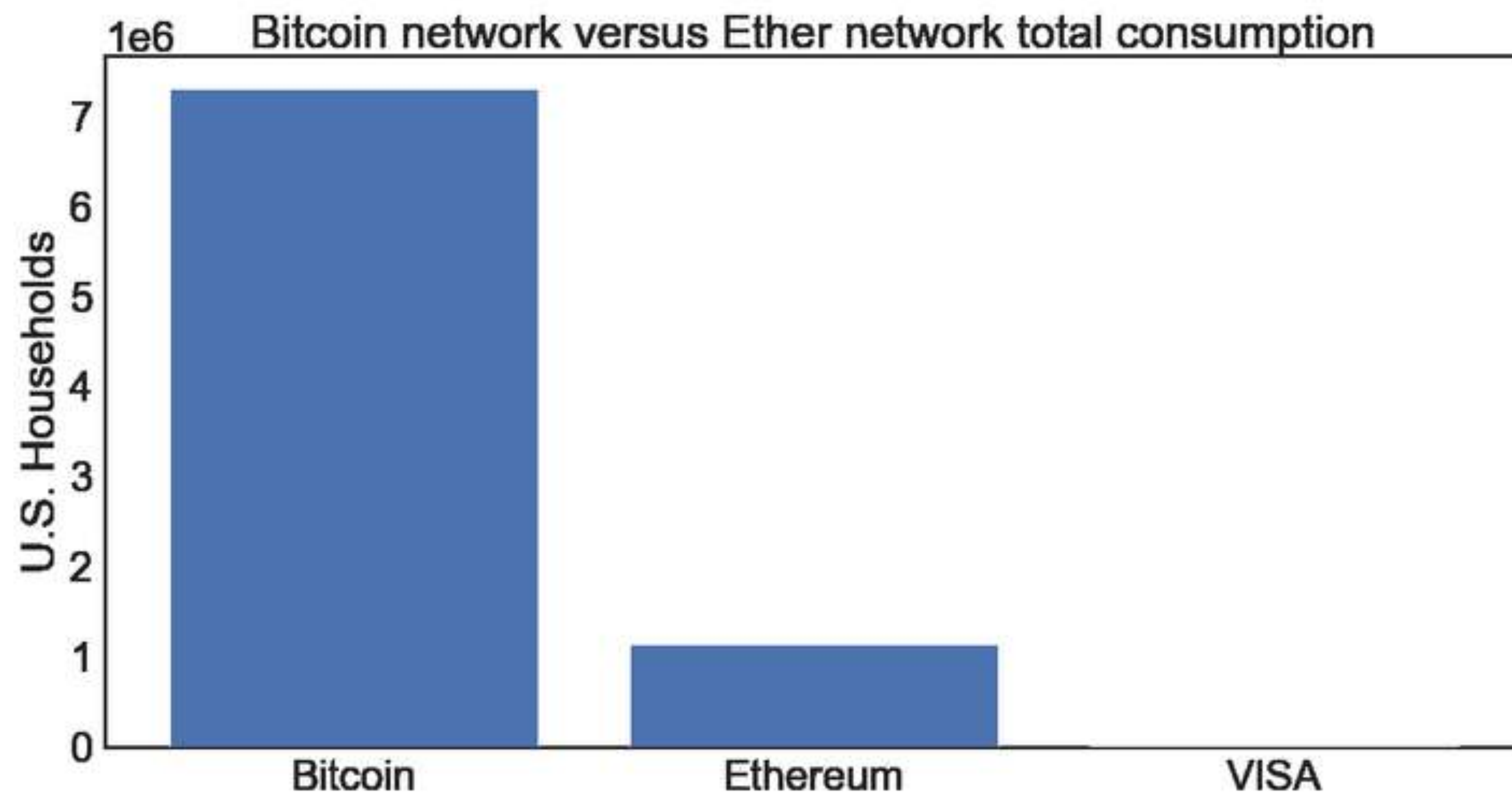
TPS



VISA : BTC

24000 : 7





Bitcoin Distribution

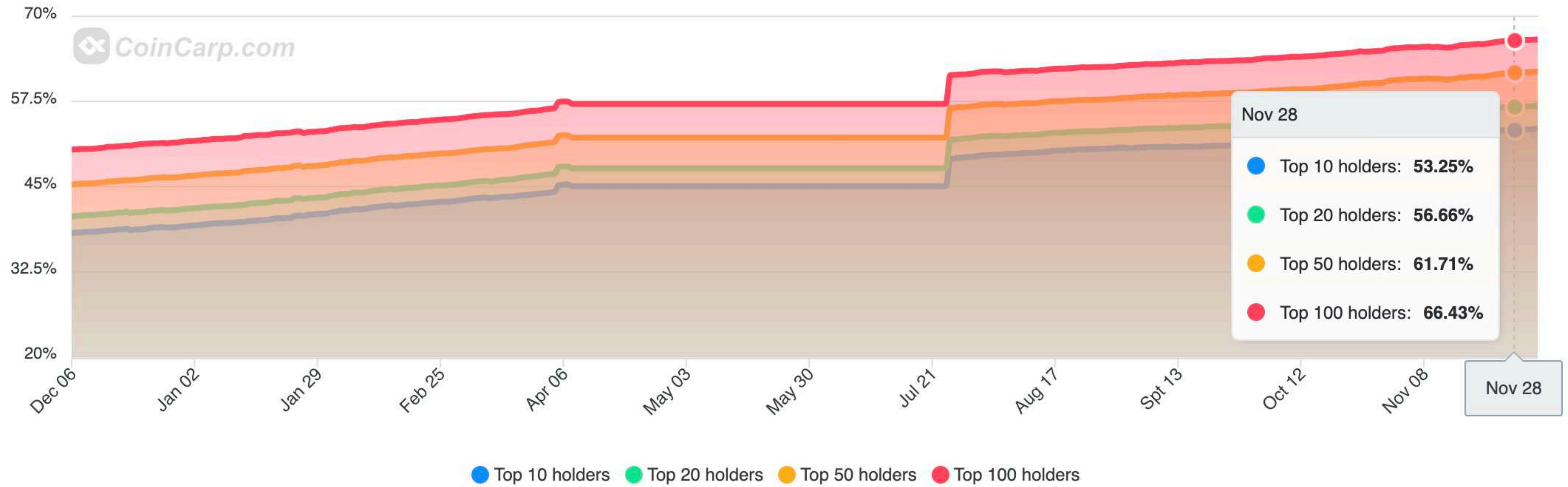
November 2024

Balance, BTC	Addresses	% Addresses (Total)	BTC	USD	% BTC (Total)
(0 - 0.00001)	6013911	11.03% (100%)	34.41 BTC	\$3,134,219	0% (100%)
[0.00001 - 0.0001)	11144776	20.44% (88.97%)	468.16 BTC	\$42,639,498	0% (100%)
[0.0001 - 0.001)	13123038	24.06% (68.54%)	5,005 BTC	\$455,804,914	0.03% (100%)
[0.001 - 0.01)	11619352	21.31% (44.47%)	42,646 BTC	\$3,884,127,242	0.22% (99.97%)
[0.01 - 0.1)	8089958	14.83% (23.16%)	275,096 BTC	\$25,055,182,350	1.39% (99.76%)
[0.1 - 1)	3537623	6.49% (8.33%)	1,091,323 BTC	\$99,395,547,923	5.52% (98.37%)
[1 - 10)	852309	1.56% (1.84%)	2,116,877 BTC	\$192,801,009,257	10.7% (92.85%)
[10 - 100)	135641	0.25% (0.28%)	4,325,993 BTC	\$394,002,919,861	21.87% (82.15%)
[100 - 1,000)	14289	0.03% (0.03%)	4,139,743 BTC	\$377,039,609,003	20.93% (60.27%)
[1,000 - 10,000)	2009	0% (0%)	4,790,140 BTC	\$436,276,502,229	24.22% (39.34%)
[10,000 - 100,000)	93	0% (0%)	2,287,472 BTC	\$208,338,469,574	11.56% (15.13%)
[100,000 - 1,000,000)	4	0% (0%)	704,497 BTC	\$64,164,212,509	3.56% (3.56%)

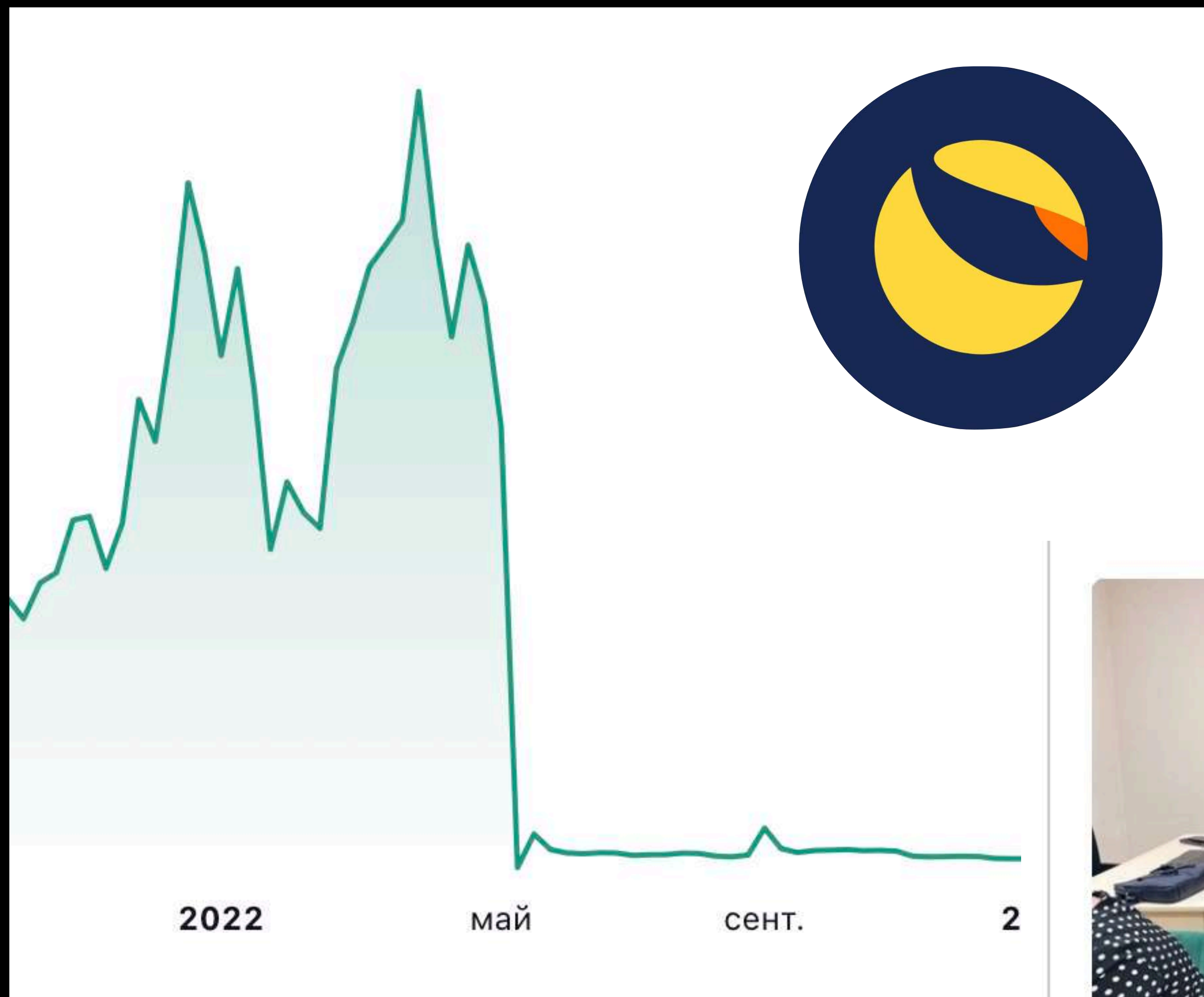
Source: bitinfocharts.com

Децентрализованность?

Ethereum Top 100 Holders MainNet



Волатильность



Решение?

Стейблкоины



Стейблкоины






- 1) Де Централизованы
- 2) Нет Есть эмитент
- 3) Не Обеспечены фиатом
- 4) Анонимны
- 5) Низкая комиссия




Прогнозы???

 **Guapcoin** GUAP #7392  1K 


\$0.000602 ▼ 0.60% (1d)

Market cap   



\$0 ▲ 0.00%

Volume (24h)  >


\$261.92 ▼ 0.50%

FDV 


\$24.43K

Vol/Mkt Cap (24h)  



--

Total supply 



40.58M GUAP




Max. supply 







--

Circulating supply  



0 GUAP

Website  Website  Whitepaper

Socials   

Rating 2.5      

Explorers explorer.guapcoin.com

UCID  5088 

GUAP to USD converter

GUAP	1
USD	0.00060

Price performance 24h ▼

[Chart](#) [Markets](#) [News](#) [About](#)




Price Market cap  

1D 7D 1M 1Y All LOG ...




Compare with


\$0.000602 ▼ 0.60% (1d)

Market cap   



\$0 ▲ 0.00%

Volume (24h)  >


\$261.92 ▼ 0.50%

FDV 


\$24.43K

Vol/Mkt Cap (24h)  



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Total supply 

40.58M GUAP

Max. supply 

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Circulating supply  

0 GUAP

Website

 Website

 Whitepaper

Socials

Rating

2.5       

Explorers

explorer.guapcoin.com

UCID 

5088 

GUAP to USD converter

GUAP

1

USD

0.00060

Price performance 24h ▼

Price

Market cap

1D

7D

1M

1Y

All

LOG

...



Compare with ▼

Всем спасибо