



Bitcoin, Blockchain and the Internet of Value



About FSBC





Research

Foster understanding of blockchain technology and their business potential for a variety of stakeholders.



The FSBC focuses on the following sectors: banking, mobility, industry 4.0, internet of things, crypto assets, initial coin offerings





Education

Educate executives and students about blockchain technology.



Prototypes

Develop prototypes to evaluate blockchain concepts and assess applicability in existing business processes.

Community

Build a strong community of blockchain experts, corporates, industry experts and entrepreneurial talents.

Start-ups

Supporting and cooperating with start-ups on blockchain and DLT related topics.







Blockchain & The Internet of Value



"

Blockchain will do to the financial system what the Internet did to media

//



What is it the internet did to

media?

Which problem does blockchain actually solve?

Double-spend problem

How can we ensure digital value is not being spent twice?

Solution today: Trusted intermediaries





Amazing how people suddenly realize they don't own their data on Facebook. Let's see how they react when they find out they dont own the money in their bank accounts either!

2:35 AM - 13 Apr 2018

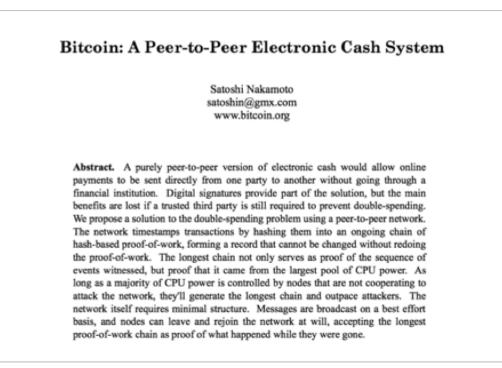
3,284 Retweets 7,156 Likes







The birth of a libertarian-thought-driven cash system







The building blocks of Bitcoin

Game theory Strategic interaction between rational decision-makers







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Decentralization Data is written down by everyone







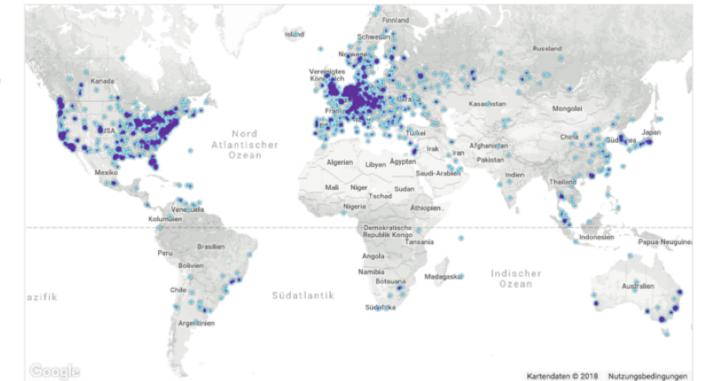
GLOBAL BITCOIN NODES DISTRIBUTION

Reachable nodes as of Fri Sep 21 2018 08:19:02 GMT+0300 (Eastern European Summer Time).

9781 NODES

Top 10 countries with their respective number of reachable nodes are as follow.

RANK	COUNTRY	NODES		
1	United States	2329 (23.81%)		
2	Germany	1889 (19.31%)		
з	France	643 (6.57%)		
4	China	622 (6.36%)		
5	Netherlands	478 (4.89%)		
6	n/a	444 (4.54%)		
7	Canada	365 (3.73%)		
8	United Kingdom	296 (3.03%)		
9	Russian Federation	265 (2.71%)		
10	Japan	251 (2.57%)		
More (99) >>				



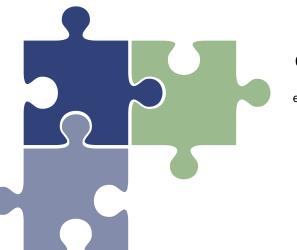




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Consensus mechanism

How do we make sure everyone is writing down the same data?





725b64143b59fef767cf96623971f695769c558208d844dbfe6fd212cfc2020			2018-09-21 05:11:5
Keine Eingänge (neu generierte Münzen)	→	1FVKW4rp5rN23dqFVk2tYGY4niAXMB8eZC Die Ausgangsadresse konnte nicht decodiert werden 137YB5cpBLxLKvy8T6qXsycJ699iJJWCHH	12.47066646 BT 0 BT 0.11325529 BT 12.58392175 BTC
4c9929038409b61b51328eba578c2455b5c5d6d2137ad855df53bd037415a1	2		2018-09-21 05:06:1
16fjkGSvJcpA5UyYFiDuzJZE2W97MMebFi	+	1JipZ5ShoDArX3QFodaSa891dc6J3A37q4 1KT9JtXZnXcMmZ9UGZCVZVdDw6qMsqLLkY	0.01276501 BT 0.0002 BT
			0.01296501 BTC
16d311b9cda7dcc15a4153a9d71b20007c5d7bcedb003b0e18b684acb7ef3756			2018-09-21 05:08:1
4J5Q7ageKhM3miKd94DX44Kf6b7ko4BZe	-	3DEbe3AkKGKnSEcjhBq3pFitXtdVHgSgw9	0.246 BT 94.37262302 BT
		18MBM8umeDF9DzEcgnCi7GkeqX2jyzUU8h	94.372023U2 D1
		18MBM8umeDF9DzEcgnCl7GkeqX2jyzUU8h	94.61862302 BT
		18MBM8umeDF9DzEcgnCi7GkeqX2jyzUU8h	
bbbb4e8cbced1fc247750a7cd32a8da38b348fba0d358f9655e09e62782bebe9 19KnKCYTqqlQxJrm84L1cShnvovuyom5yw	-		94.61862302 BT

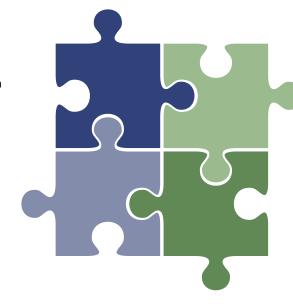




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Economic incentives Reward for securing the network



the result

financial sovereignty

Future. The Internet of Value

Value will be transferred as quickly and seamlessly as information

The information superhighway (1994)



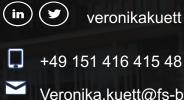
Source: Youtube (2018)

(r)evolution ahead

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