



bitcoinsuisse.com



Connect with us!

Crypto nach dem Hype

Luzius Meisser, Verwaltungsratspräsident von Bitcoin Suisse

2022-01-13, Klosters

Was ist Bitcoin?

Bitcoin: A Peer-to-Peer Electronic Cash System

Satoshi Nakamoto
satoshin@gmx.com
www.bitcoin.org

Abstract. A purely peer-to-peer version of electronic cash would allow online payments to be sent directly from one party to another without going through a financial institution. Digital signatures provide part of the solution, but the main benefits are lost if a trusted third party is still required to prevent double-spending. We propose a solution to the double-spending problem using a peer-to-peer network. The network timestamps transactions by hashing them into an ongoing chain of hash-based proof-of-work, forming a record that cannot be changed without redoing the proof-of-work. The longest chain not only serves as proof of the sequence of events witnessed, but proof that it came from the largest pool of CPU power. As long as a majority of CPU power is controlled by nodes that are not cooperating to attack the network, they'll generate the longest chain and outpace attackers. The network itself requires minimal structure. Messages are broadcast on a best effort basis, and nodes can leave and rejoin the network at will, accepting the longest proof-of-work chain as proof of what happened while they were gone.

1. Introduction

Commerce on the Internet has come to rely almost exclusively on financial institutions serving as trusted third parties to process electronic payments. While the system works well enough for most transactions, it still suffers from the inherent weaknesses of the trust based model. Completely non-reversible transactions are not really possible, since financial institutions cannot avoid mediating disputes. The cost of mediation increases transaction costs, limiting the minimum practical transaction size and cutting off the possibility for small casual transactions, and there is a broader cost in the loss of ability to make non-reversible payments for non-reversible services. With the possibility of reversal, the need for trust spreads. Merchants must be wary of their customers, hassling them for more information than they would otherwise need. A certain percentage of fraud is accepted as unavoidable. These costs and payment uncertainties can be avoided in person by using physical currency, but no mechanism exists to make payments over a communications channel without a trusted party.

What is needed is an electronic payment system based on cryptographic proof instead of trust, allowing any two willing parties to transact directly with each other without the need for a trusted third party. Transactions that are computationally impractical to reverse would protect sellers from fraud, and routine escrow mechanisms could easily be implemented to protect buyers. In this paper, we propose a solution to the double-spending problem using a peer-to-peer distributed timestamp server to generate computational proof of the chronological order of transactions. The system is secure as long as honest nodes collectively control more CPU power than any cooperating group of attacker nodes.

Bitcoin ist eine dezentral organisierte Internetwährung. Sie ist frei transferierbar und auf 21 Millionen begrenzt.

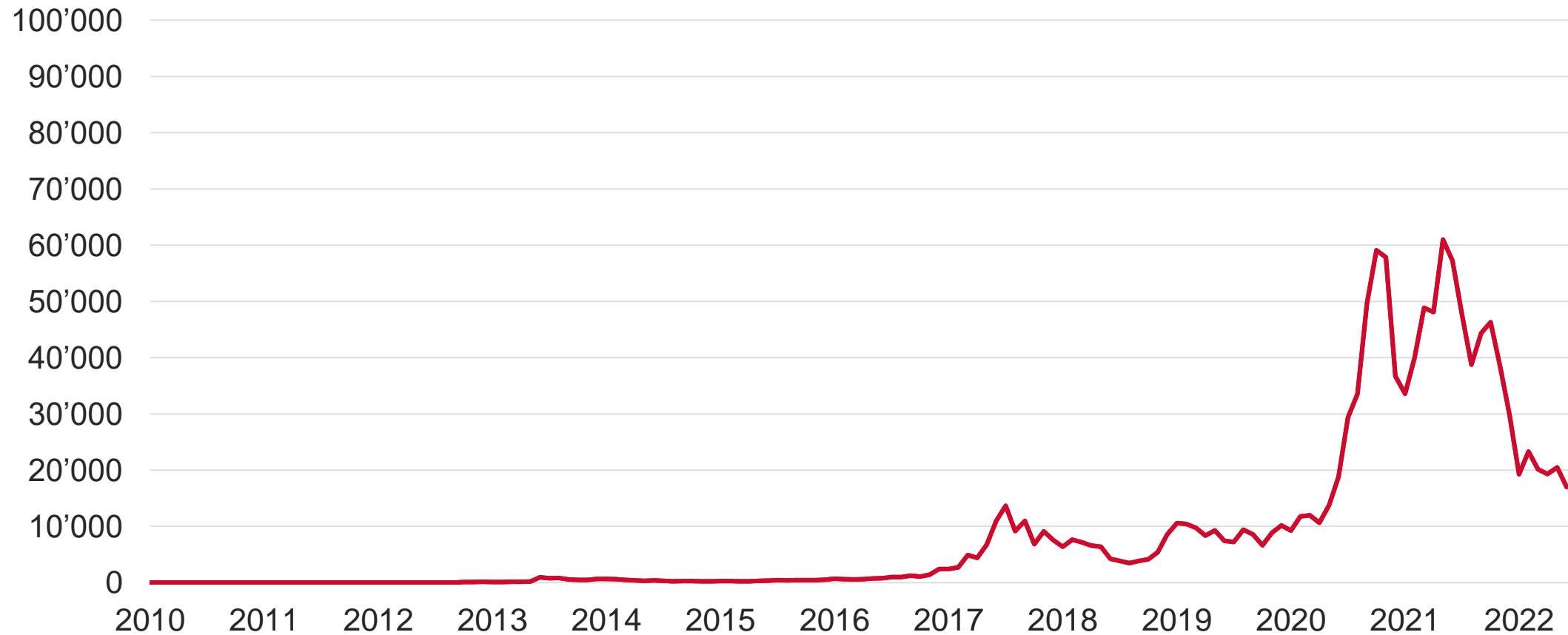


Öffentliche Adresse: der «Ort»
im System, an dem sich der
Bitcoin befindet.

Geheimer Schlüssel: damit kann
der Bitcoin auf eine neue Adresse
übertragen werden.

Bitcoin Kursentwicklung

Bitcoin Preis in Dollar



Bitcoin Kursentwicklung

Bitcoin Preis in Dollar (Logarithmische Skala)



Crypto Winter

FINANZ und
WIRTSCHAFT

Insolvente Kryptobörse

FTX-Gründer Bankman-Fried plädiert auf «nicht schuldig»

Der Gründer von FTX plädiert vor einem US-Gericht wie erwartet auf «nicht schuldig». Ihm droht eine Haftstrafe von bis zu 115 Jahren, der eigentliche Prozess wird erst dieses Jahr im Herbst stattfinden.

Publiziert: 04.01.2023, 07:31



The New York Times

Cryptocurrency > | The Collapse of FTX | Crypto Terms to Know | A Guide to Digital Currency | Crypto Businesses, Explained

Coinbase Lays Off Another 20% of Its Employees

The cuts at the cryptocurrency exchange come after nearly a fifth of employees were let go in June, as crypto markets teeter and tech companies rethink their growth plans.



The downturn in crypto has put pressure on companies like Coinbase, which went public in 2021 and expanded rapidly during the pandemic. Gabby Jones for The New York Times

Bloomberg

Subscribe

Crypto

Dip Buyers Help Pare Record Bitcoin Discount at Grayscale Trust

- GBTC surged on Monday, outpacing gain posted by Bitcoin itself
- Some investors wagering that its discount will narrow further



Barry Silbert. Photographer: Joe Buglewicz/Bloomberg

By Katherine Greifeld and Vildana Hajric
10. Januar 2023 um 18:01 MEZ

Share this article



Gift this article

Follow the authors

@kgreifeld

+ Get alerts for Katherine Greifeld

+ Get alerts for

What once looked like an insurmountable discount plaguing the world's biggest Bitcoin fund is starting to shrink as some speculators see an end in sight for Barry Silbert's woes.

The \$10.9 billion Grayscale Bitcoin Trust (ticker GBTC) surged nearly 12% on Monday, outpacing a 1.3% rise in the cryptocurrency itself. That narrowed the fund's discount to its underlying Bitcoin holdings to roughly 39%, versus a nadir of 49% reached in mid-December.

Copy Link

Marktdepression als Chance zur Besinnung

Wo liegt der Mehrwert abseits der Spekulation?

Drei Beispiele:

- Bitcoin als Reservewährung
- Nutzen von Decentralized Finance (DeFi)
- Digitalisierung von bewährten Finanzinstrumenten wie Aktien

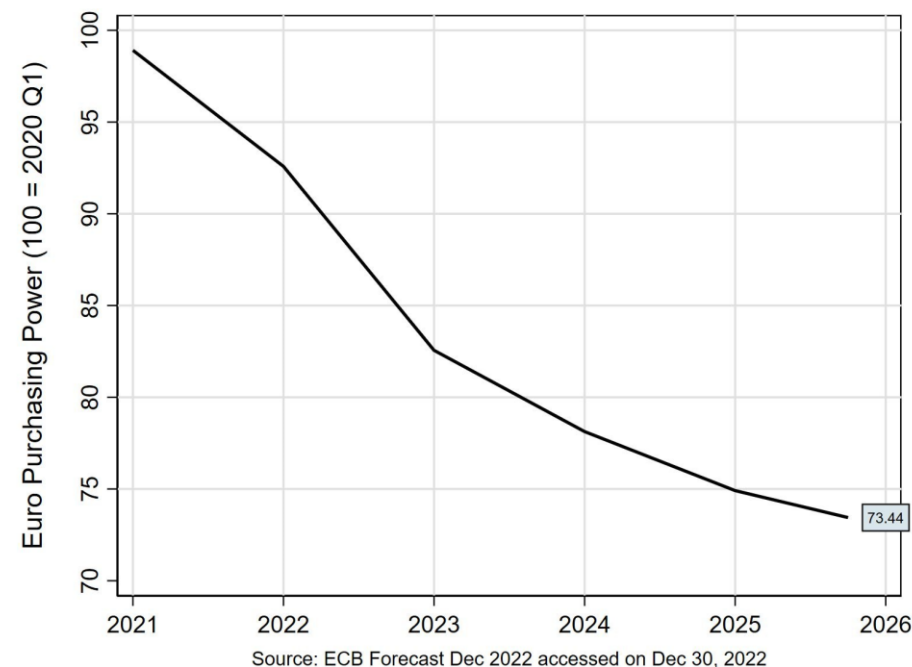
Bitcoin als Reservewährung

Bilanz per 30. September 2022¹

Aktiven

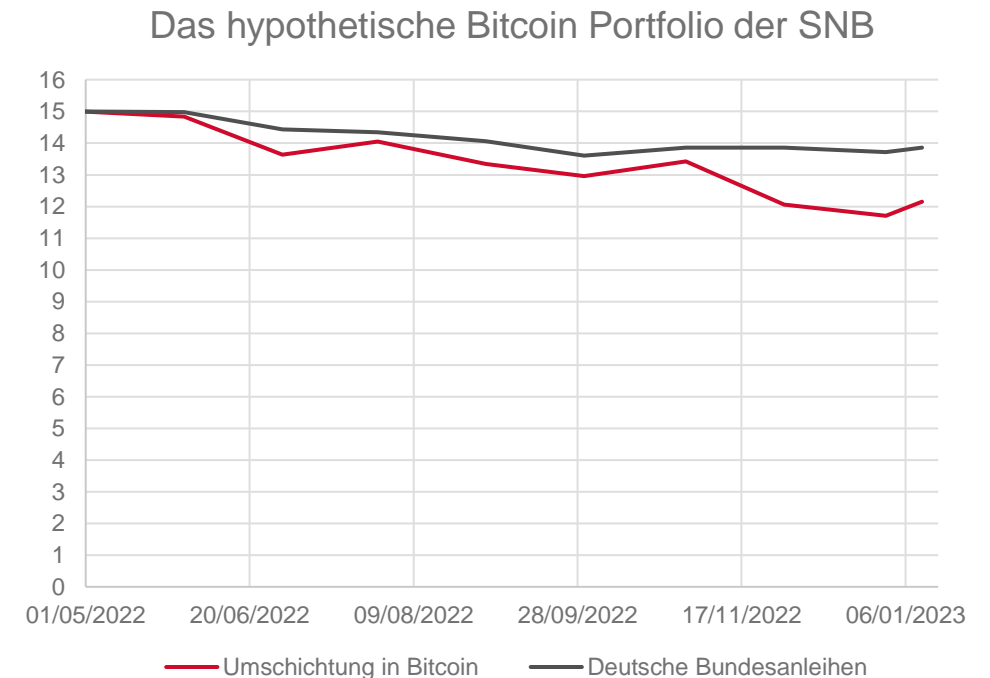
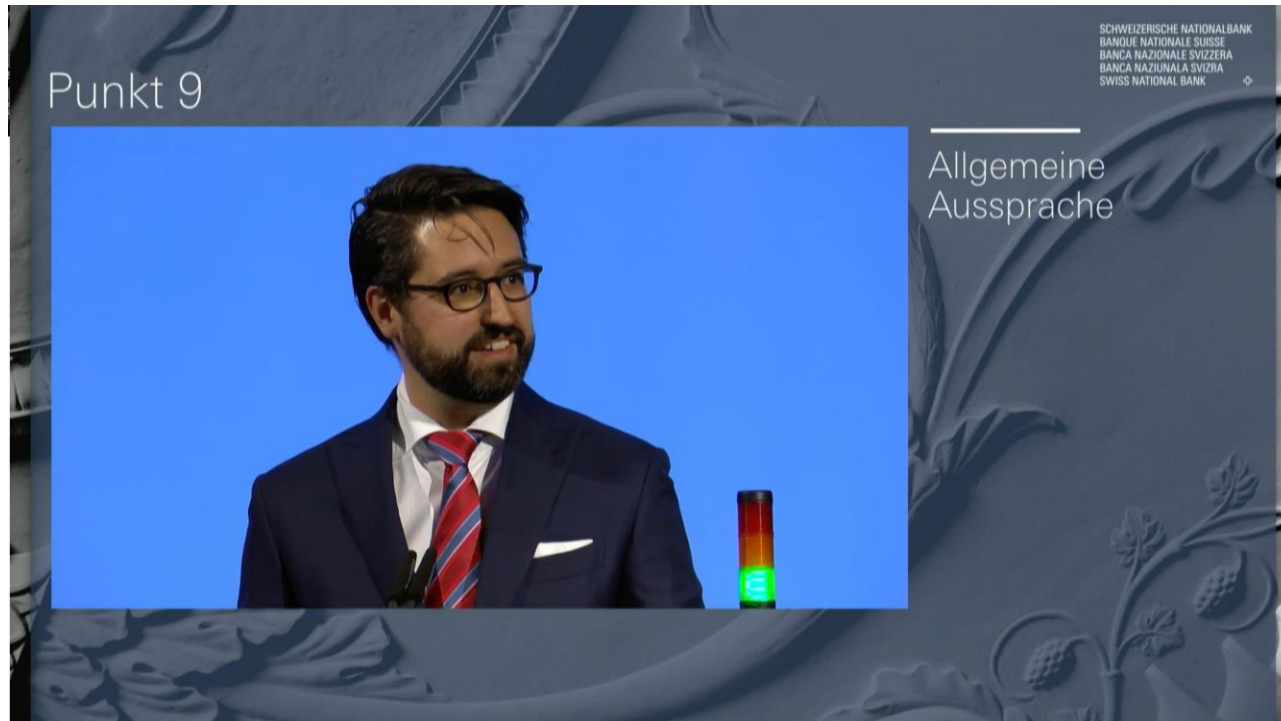
in Mio. Franken

	30.09.2022	31.12.2021	Veränderung
Gold	54 626,9	55 690,7	-1 063,8
Devisenanlagen ²	808 353,5	966 202,2	-157 848,7
Reserveposition beim IWF	2 139,3	2 000,8	+138,5
Internationale Zahlungsmittel	11 488,3	11 912,5	-424,2
Währungshilfekredite	890,7	908,0	-17,3
⋮	⋮	⋮	⋮
Total Aktiven	889 467,4	1 056 776,2	-167 308,8



Die SNB erzielte 2022 einen Verlust von 132 Milliarden aus dem Halten von Fremdwährungsanleihen. Mit jedem Franken, den die SNB in Euroanleihen investiert, aber nicht zurückerhält, finanzieren wir letztlich Staatsausgaben der Eurozone.

Bitcoin als Reservewährung



Wenn die Nationalbank an der Generalversammlung im Mai auf meinen Rat gehört hätte, und jeden Monat 1 Milliarde von deutschen Bundesanleihen in Bitcoin umgeschichtet hätte, hätte sie bislang 1.3 Milliarden mehr verloren also sonst. 🙌
Langfristig ist die Frage, ob man lieber auf eine Währung setzt, deren Wert über kurz oder lang wegschmilzt, oder einen, deren Geldmenge begrenzt ist?

Fundamentalwert von Ethereum



#	Name	Price	Volume(24h)	7d %	Market Cap
1	Bitcoin BTC	\$17,361.64	\$14,989,906,937 863,484 BTC	▲ 2.88%	\$334,370,184,897
2	Ethereum ETH	\$1,325.71	\$4,881,163,717 3,681,617 ETH	▲ 5.70%	\$162,231,652,550
3	Tether USDT	\$1.00	\$21,547,106,237 21,546,898,681 USDT	▲ 0.03%	\$66,273,225,082

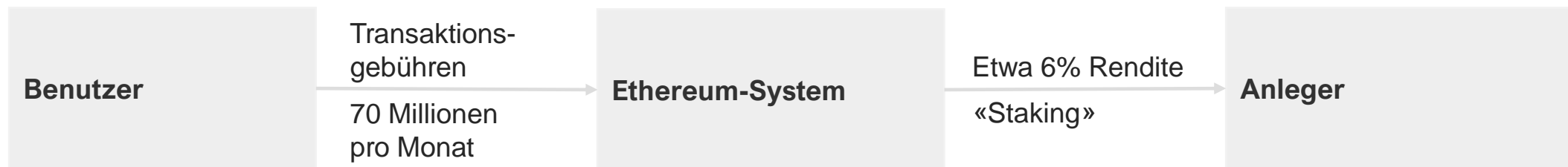
Ethereum ist das zweitgrösste System nach Bitcoin.

Ethereum: 150 Milliarden bei 1 Milliarde «Gewinn»

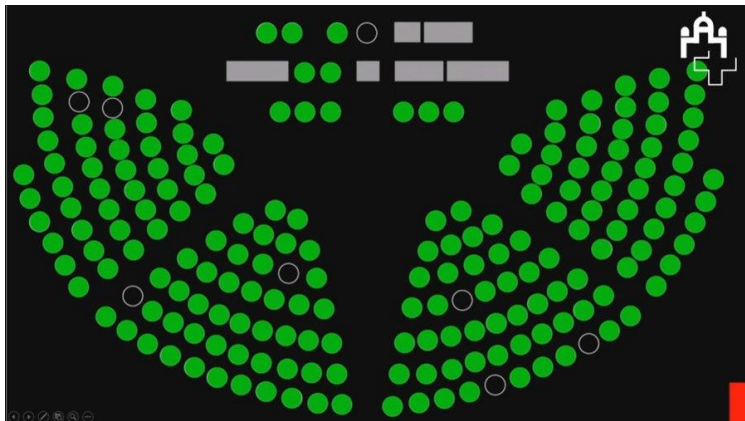
UBS: 64 Milliarden wert bei 7.5 Milliarden Gewinn

Amazon: 900 Milliarden wert bei 10 Milliarden Gewinn








Die systemeigene Währung Ether dient als Zahlungsmittel für Transaktionen, kann aber auch angelegt werden (Staking), so dass man eine Rendite in Ether erzielen kann.



Digitalisierung von Aktien



Juni 2020: Abstimmung im Nationalrat
DLT-Vorlage wird einstimmig angenommen.

Company	Share Name & Ticker	Price Yearly Change	Market Cap Liquidity	
 Boss Info AG	Boss Info AG BOSS	9.99 CHF +15%	106'369'018 CHF 346'488 XCHF	Explore
 Farmy AG Founded 2014 Food & Beverages	Farmy AG Shares EGGS	13.05 CHF 0%	69'534'152 CHF -	Explore
 RealUnit Schweiz AG Founded 2017 Finanzindustrie	RealUnit Shares REALU	1.08 CHF -4%	31'573'552 CHF 50'000 XCHF	Explore
 Aktionariat AG Founded 2020 Fintech	Aktionariat AG Shares DAKS	13.82 CHF +37%	18'210'290 CHF 6'151 XCHF	Explore
 ServiceHunter AG	quitt.shares DQTS	8.68 CHF +41%	16'147'689 CHF 114'499 XCHF	Explore
 DillySocks AG Founded 2013	DillyShares DILYS	0.91 CHF +10%	13'830'749 CHF 1'598 XCHF	Explore
 AyurVeda AG Founded 1980 Holistic health	AyurVeda AG Shares VEDA	39.82 CHF +42%	4'367'617 CHF 1'208 XCHF	Explore

Januar 2023: Bereits diverse Aktien von Schweizer
Firmen im Ethereum-System handelbar.
Quellen: aktionariat.com, tokenmarketcap.ch

Learn more from Bitcoin Suisse Research

Weekly Wrap



Read [here](#)

Fundamentals



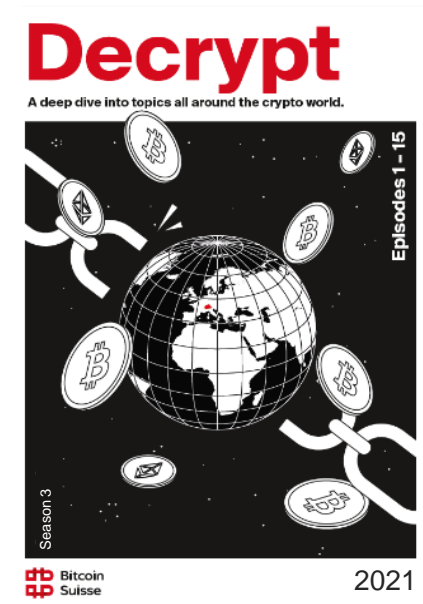
Read [here](#)

Themes



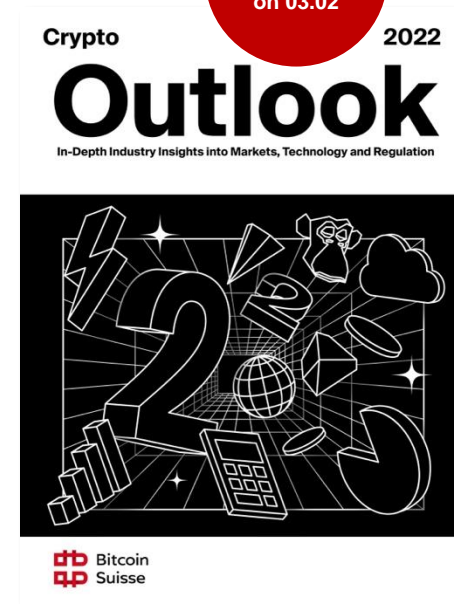
Read [here](#)

Decrypt



Read [here](#)

Outlook



Read [here](#)

Investment Digest



Read [here](#)



Subscribe here

Think Beyond.



Think Beyond.

Bitcoin Suisse is a partner of "SolarStratos", a unique aerospace technology company with a mission to reach the upper stratosphere for the first time in a manned solar aircraft by 2023.

Where to find us



Connect with us!

Bitcoin Suisse Ltd

Grafenauweg 12
CH-6300 Zug
Switzerland





Calls from Switzerland (toll-free): [0800 800 008](tel:0800800008)

Calls from abroad: [+41 41 660 00 00](tel:+41416600000)

Email: info@bitcoinsuisse.com

Opening hours: Mon - Sat: 8AM-11PM and Sun: 10AM-4PM

Social Media

-  [Facebook.com/BitcoinSuisse](https://www.facebook.com/BitcoinSuisse)
-  [Twitter.com/bitcoinsuisseag](https://twitter.com/bitcoinsuisseag)
-  [Linkedin.com/company/bitcoin-suisse-ag](https://www.linkedin.com/company/bitcoin-suisse-ag)
-  t.me/bitcoinsuisse_announcements



[bitcoinsuisse.com](https://www.bitcoinsuisse.com)

Disclaimer

The information provided in this document pertaining to Bitcoin Suisse AG and its Group Companies (together "Bitcoin Suisse") is for general informational purposes only and should not be considered exhaustive and does not imply any elements of a precontractual or contractual relationship nor any offering. This document does not take into account, nor does it provide any tax, legal or investment advice or opinion regarding the specific investment objectives or financial situation of any person. While the information is believed to be accurate and reliable, Bitcoin Suisse and its agents, advisors, directors, officers, employees, and shareholders make no representation or warranties, expressed or implied, as to the accuracy of such information, and Bitcoin Suisse expressly disclaims any and all liability that may be based on such information or errors or omissions thereof. Bitcoin Suisse reserves the right to amend or replace the information contained herein, in part or entirely, at any time, and undertakes no obligation to provide the recipient with access to the amended information or to notify the recipient hereof. The information provided is not intended for use by or distribution to any individual or legal entity in any jurisdiction or country where such distribution, publication or use would be contrary to the law or regulatory provisions or in which Bitcoin Suisse does not hold the necessary registration, approval, authorization or license, in particular in the United States of America including its territories and possessions. Except as otherwise provided by Bitcoin Suisse, it is not allowed to modify, copy, distribute, transmit, display, reproduce, publish, license, or otherwise use any content for resale, distribution, marketing of products or services, or other commercial uses. Bitcoin Suisse 2023.