



Backed by nothing, or brilliant innovation?

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BITCOIN WELL

TSX.V:BTCW OTCQB:BCNWF

What to expect?

- 1) Bitcoin explained
- 2) How bitcoin works
- 3) Bitcoin vs Gold vs Fiat
- 4) Bitcoin for human rights
- 5) Q&A



WHAT IS BITCOIN?

- Store of value
- Peer to peer
- Permissionless
- Decentralized
- Open source
- Inflation resistant (deflationary)



POSTMASTER: PLEASE POST IN A CONSPICUOUS PLACE.—JAMES A. FARLEY, Postmaster General

UNDER EXECUTIVE ORDER OF THE PRESIDENT

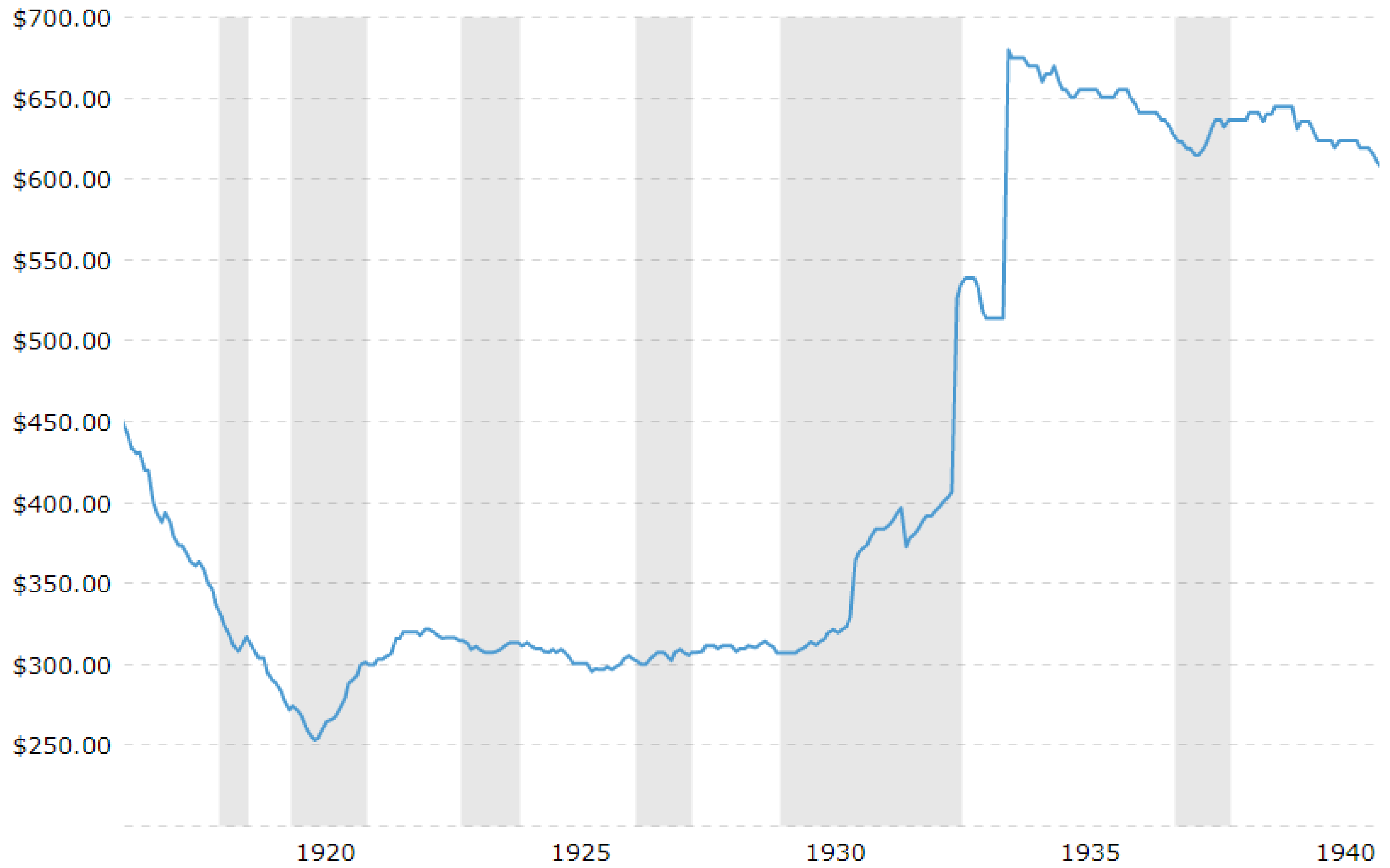
issued April 5, 1933

all persons are required to deliver

ON OR BEFORE MAY 1, 1933

**all GOLD COIN, GOLD BULLION, AND
GOLD CERTIFICATES** now owned by them to
a Federal Reserve Bank, branch or agency, or to
any member bank of the Federal Reserve System.

Executive Order





THE BITCOIN TIMELINE

- Public Law 110-343 - October 3, 2008
- Whitepaper - October 31, 2008
- Genesis block - January 3, 2009
- First P2P transaction - May 22, 2010
- Dollar parity - February 9, 2011
- \$100/bitcoin - March 2013
- \$1,000/bitcoin - November 2013
- US auctions 29,656 BTC - June 2014
- Tender in El Salvador - September 7, 2021

THE TIMES

Max 5C, min -5C Saturday January 3 2009 timesonline.co.uk No 69523 £1.50



Eat Out from £5

More than 900 great restaurants, including four **Gordon Ramsay** favourites from £15

Start collecting tokens today Pullout Inside

Israel prepares to send tanks and troops into Gaza



Israel allowed foreigners to flee the Gaza Strip as it prepared for a ground offensive. At least 430 Palestinians were killed in a week of airstrikes News, page 3

Chancellor on brink of second bailout for banks

Billions may be needed as lending squeeze tightens

Francis Elliott Deputy Political Editor
Gary Duncan Economics Editor

Alistair Darling has been forced to consider a second bailout for banks as the lending drought worsens.

The Chancellor will decide within weeks whether to pump billions more into the economy as evidence mounts that the £37billion part-nationalisation last year has failed to keep credit flowing. Options include cash injections, offering banks cheaper state guarantees to raise money privately or buying up "toxic assets", The Times has learnt.

The Bank of England revealed yesterday that, despite intense pressure, the banks curbed lending in the final quarter of last year and plan even tighter restrictions in the coming months. Its findings will alarm the Treasury.

The Bank is expected to take yet more aggressive action this week by cutting the base rate from its current level of 2 per cent. Doing so would reduce the cost of borrowing but have little effect on the availability of loans.

Whitehall sources said that ministers planned to "keep the banks on the boil" but accepted that they need more help to restore lending levels. Formally, the Treasury plans to focus on state-backed guarantees to encourage private finance, but a number of interventions are on the table, including further injections of taxpayers' cash.

Under one option, a "bad bank" would be created to dispose of bad debts. The Treasury would take bad loans off the hands of troubled banks, perhaps swapping them for government bonds. The toxic assets, blamed for poisoning the financial system, would be parked in a state vehicle or "bad bank" that would manage them and attempt to dispose of them while "detoxifying" the mainstream banking system.

The idea would mirror the initial proposal by Henry Paulson, the US Treasury Secretary, to underpin the American banking system by buying

99p
Pub chain cuts the price of a pint from £1.69 to 1989 levels Business, page 47



Continued on page 6, col 1
Leading article, page 2

Michael Sheen Frost, Nixon and me
Magazine



Working mums So that's how she does it
Body&Soul



Detox in style The best spas on the planet
Travel



Salmon Rushdie I Won't Marry Again
Pages 22, 23



Giant Killing? Guide to the FA Cup Third Round
Sport



THE BITCOIN CREATOR



SATOSHI NAKAMOTO

Disappeared on Dec 13, 2010 - True decentralization - Internet not google - Private or petrified?



is:

- Technology
- Protocol
- Decentralized

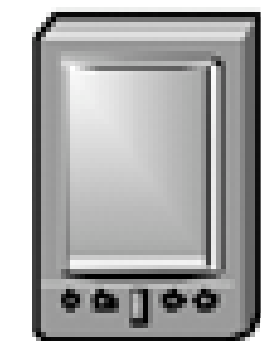
is not:

- Financial product
- Company
- Centralized

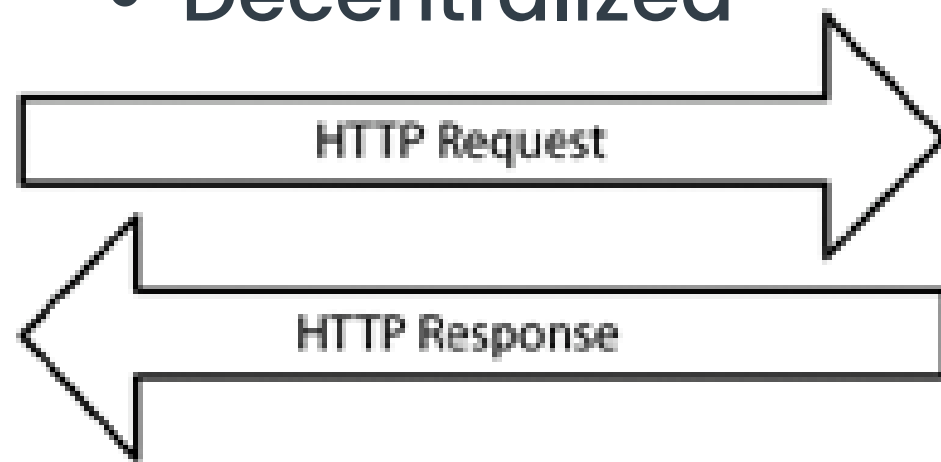
HOW SHOULD WE LOOK AT BITCOIN?

INTERNET IS

- Technology
- Protocol
- Decentralized



Pocket PC Device



HTTP Server

INTERNET IS NOT

- Media product
- Company
- Centralized



HOW DOES IT WORK?



BITCOIN
SOFTWARE



MINERS
INTRODUCE



BLOCKCHAIN
HISTORY



NODES
VERIFY



BITCOIN

software

Rules, not rulers

- Based on Public Key Cryptography
- Fixed supply (21M Total)
- Currently 19M Bitcoin in existence (90%)
- New Bitcoin are generated every 10 minute





MINERS

introduce

The more the merrier

- Proof of work concept drives Bitcoin monetary policy
- Newly minted Bitcoin are introduced by the miners
- Transactions are confirmed by the miners





BLOCKCHAIN

history

Precedent is everything

- Public ledger
- Storing data in blocks
- Chained together in chronological order
- New transactions enter into a fresh block
- Data is immutable / irreversible





NODES

verify

Don't trust, verify

- Individuals can copy and sync copies of the blockchain in real time
- Don't trust someone else's interpretation of the database
- Validate all of your transactions to ensure legitimacy



Traits of Money	Bitcoin	Gold	Fiat
Verifiable	High	Moderate	Moderate
Fungible	High	High	High
Portable	High	Low	High
Durable	Moderate	High	Low
Divisible	High	Low	Moderate
Scarce	High	Moderate	Low
Established History	Low	High	Low
Censorship resistant	High	Moderate	Low
Unforgeable Costliness	High	High	Low
*Openly Programmable	High	Low	Low
*Decentralized	High	Moderate	Low

BITCOIN IS: A HUMAN RIGHTS TOOL

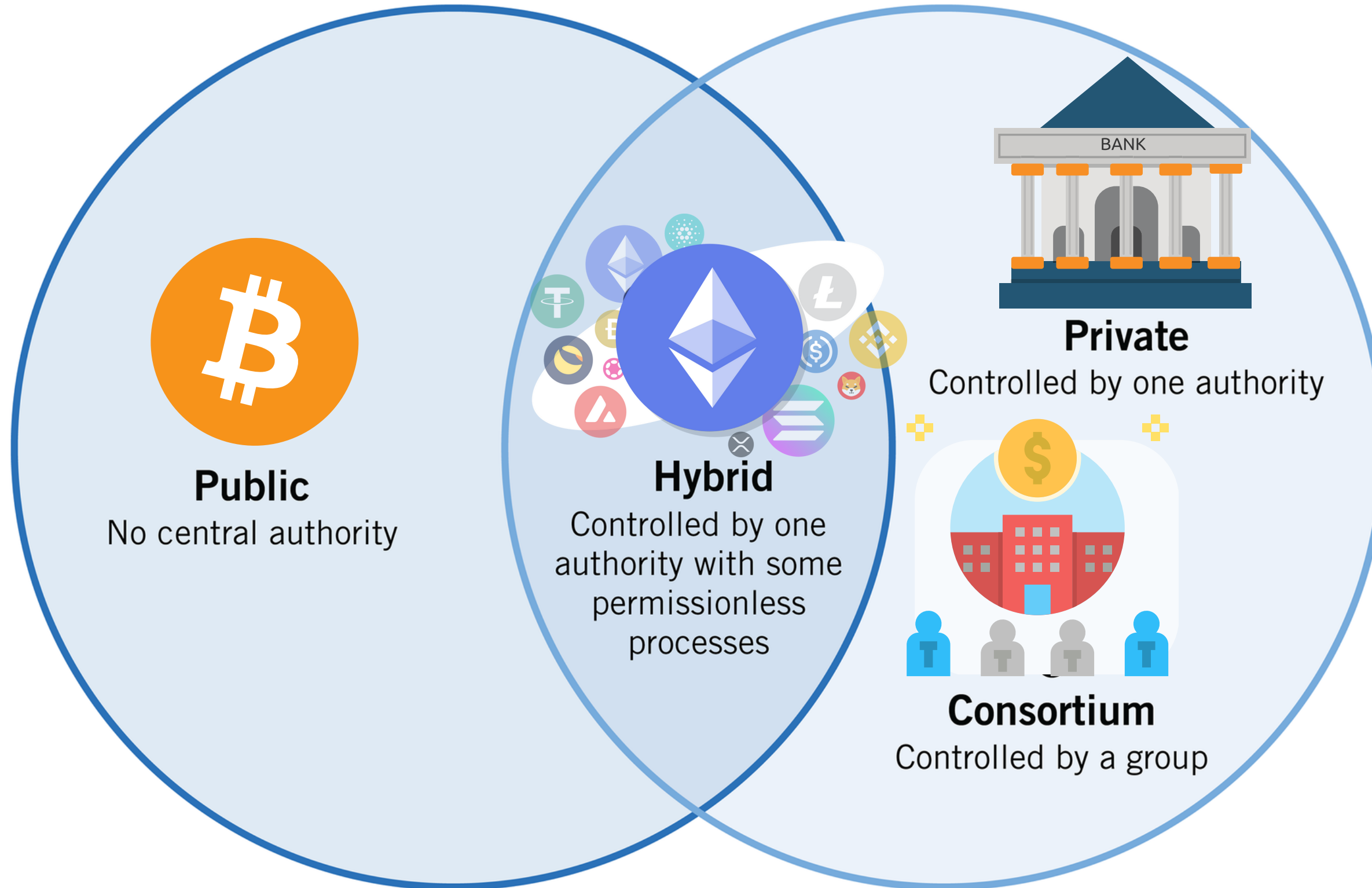


BITCOIN IS: PERMISSIONLESS MONEY



Permissionless

Permissioned



PERMISSIONLESS MONEY

PROS/CONS



Detracts poverty



Prevents government
over-reach



Corporate greed



At the mercy of the masses



S - I - O - W



Slow burn of abandonment

Value of one U.S. dollar
(Purchasing power)



1913

2020

Q & A

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FUD – It's bad for the earth

WTF?



- Wasted energy from garbage
- Stranded energy from oil production
- Wasted heat from non-miners

WTF?

FUD – It's only for criminals

9) 400 times more money is laundered in fiat currencies than in cryptocurrency.

Contrary to popular belief and what the media feeds the public, Bitcoin is not the usual arena for money laundering activities. Bitcoin accounts for only \$2.5 billion of money laundered since its inception in 2009. This amount is significantly smaller than the annual \$1 trillion money laundering statistics estimate we lose in fiat currencies.

