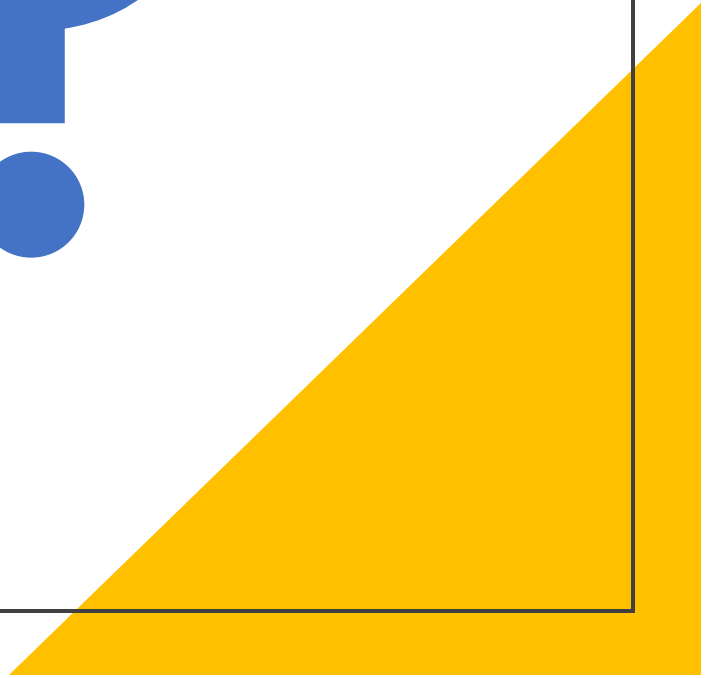




What. How. Why.



What?

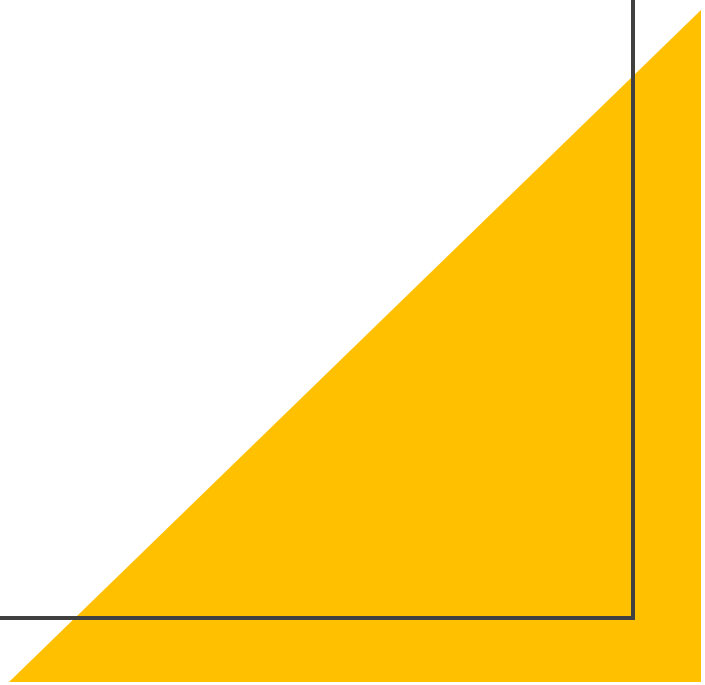
Evolution of money

Blockchain and Money

Bitcoin and Alts

Coins and Tokens

Evolution of money





Barter System



Metals Coins



Rupees Five Hundred



Rupees Two Thousand

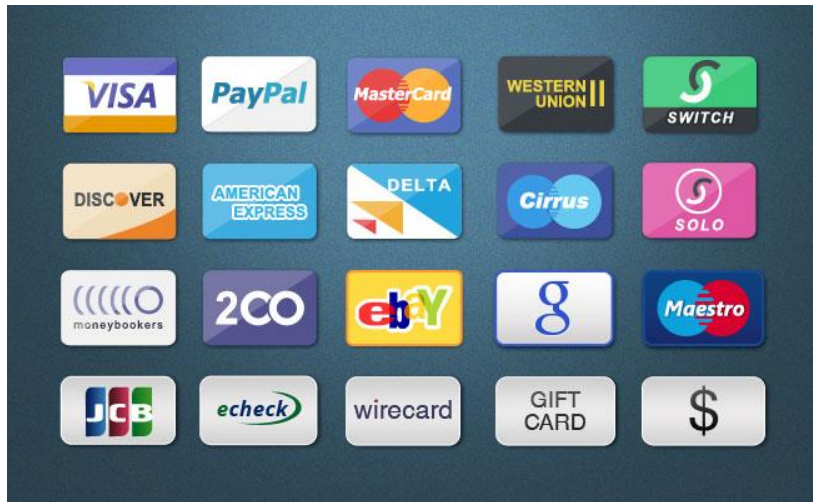


Rupees Fifty



Rupees Two Hundred

Paper Currency



Plastic Cards



Mobile Payments



Virtual/Digital Currency



BLOCKCHAIN AND CRYPTO

BLOCKCHAIN

A Blockchain is a distributed database or ledger that is shared among the nodes of a computer network. As a database, a blockchain stores information electronically in digital format.

Bitcoin V/s Blockchain

- Bitcoin technology was first outlined in 1991 by Stuart Haber, W. Scott Toretta and Dave Bayer.
- Bitcoin merely uses blockchain as a means to transparently record a ledger of payments.



BITCOIN AND ALTS

Smart Contract

- A smart contract is a **self-executing contract** with the terms of the agreement between buyer and seller being directly written into lines of code. The code and the agreements contained therein exist across a distributed, decentralized blockchain network. The code controls the execution, and transactions are trackable and irreversible.

Altcoins

- Altcoins are alternative cryptocurrencies to Bitcoin.
- Altcoins use Bitcoin as a benchmark since it was the first cryptocurrency and has dominated the market.

Cryptocurrency Coins and Tokens



Coins



Bitcoin



Ethereum



Ripple



Litecoin



Tokens



Tron



Tether



Chainlink



Augur

Coins and Tokens

What is Coin

- Operates on its blockchain
- Acts as money
- Can be mined

What is Token

- Tokens do not have their blockchain
- They rely on Smart Contracts
- Each blockchain uses its smart contract
- Ex: Ethereum uses ERC-20, and NEO uses NEP-5

How?

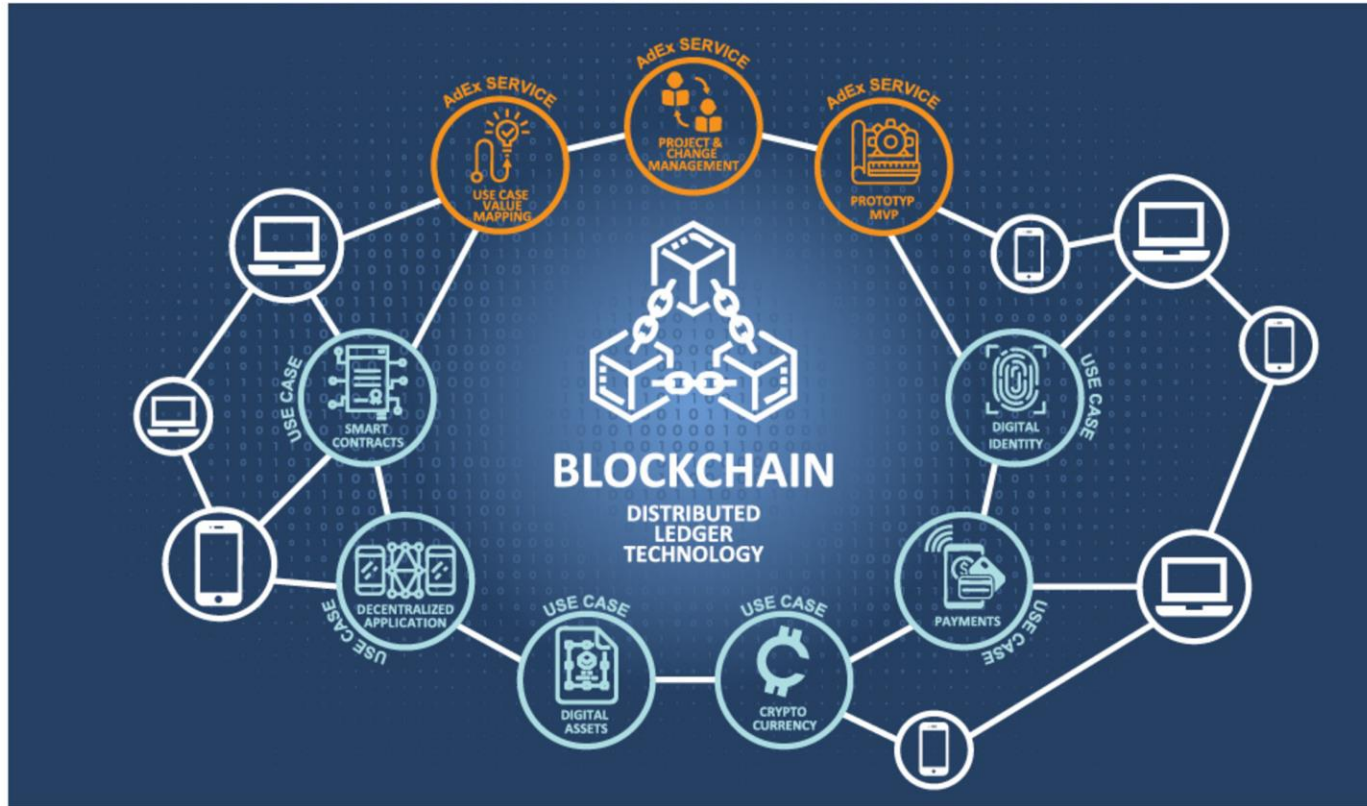
Effect of blockchain

Disruptive nature

Power of monetization

Crypto can make the world a better place

Invest incrypto



EFFECT OF BLOCKCHAIN

How blockchain will change the world



- Banking and payments
- Cybersecurity
- Internet of things
- Unified communication
- Government
- Crowdfunding and Donating to charities
- Healthcare
- Rentals and Ride sharing

DISRUPTIVE NATURE OF BLOCKCHAIN





Clearly, the future lies with Blockchain Technology & Crypto

CRYPTO: POWER OF MONETIZATION



- Tokenization
- De-Fi
- Game-Fi
- Social-Fi



Esports News

FIFA TAKES ON THE NFT SPACE IN CELEBRATION OF THE 2022 WORLD CUP IN QATAR!

Esports News | September 5, 2022 | Tom France

This year's **FIFA World Cup** is due to start in the coming months, with this year's event being held in Qatar.

In conjunction with the games, [FIFA](#) has joined forces with the Algorand blockchain to **release their own unique NFT collection**, released ahead of the World Cup.

The NFTs in question are based on classic moments from the World Cup's history, allowing fans to own their favourite goals and controversy from the past.

This project was finalised back in May and will be released just in time for the 2022 World Cup.



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Project alert: Be among the early collectors of **Goofball Gang**: Sold out!

Collections / T20 World cup 2022 trophy Collection NFT



T20 World cup 2022 trophy Collection NFT statistics

Refresh

Created about 1 month ago

14 token supply

5% Fee

T20 World cup 2022 trophy Collection NFT NFTs were sold 2 times in the last 7 days. The total sales volume for T20 World cup 2022 trophy Collection NFT was \$126.69. The average price of one T20 World cup 2022 trophy Collection NFT NFT was \$63.3. There are 11 T20 World cup 2022 trophy Collection NFT owners, owning a total supply of 14 tokens.

Here is T20 World cup 2022 trophy Collection of nfts . <<<<<<<

OpenSea

NFTs sold

last 7 days

2

Trading volume

last 7 days

\$127

Average price

last 7 days

\$63

Floor Price

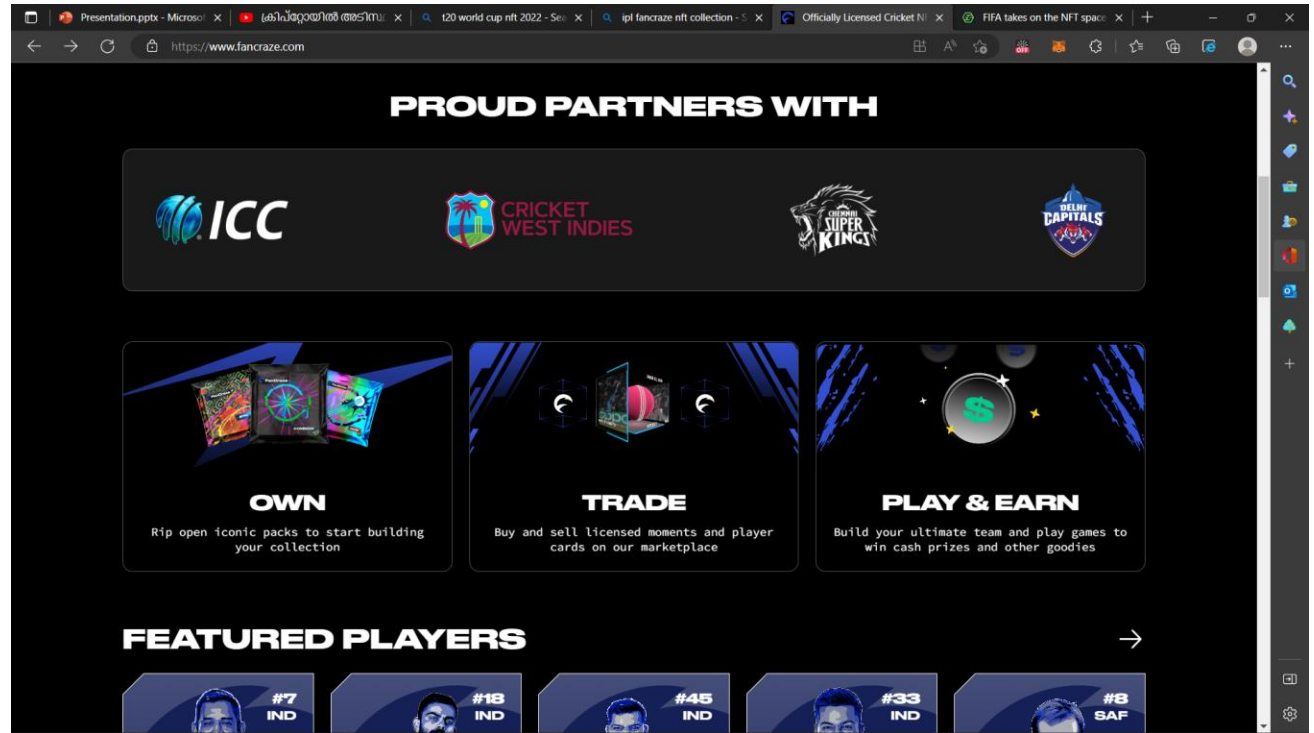
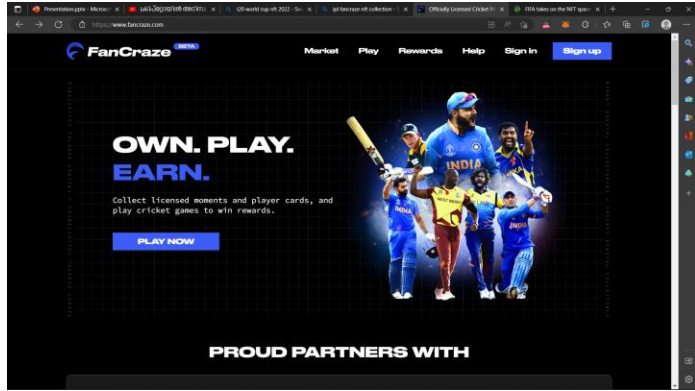
Lowest Ask Price

Total Supply

Number of tokens

Owners

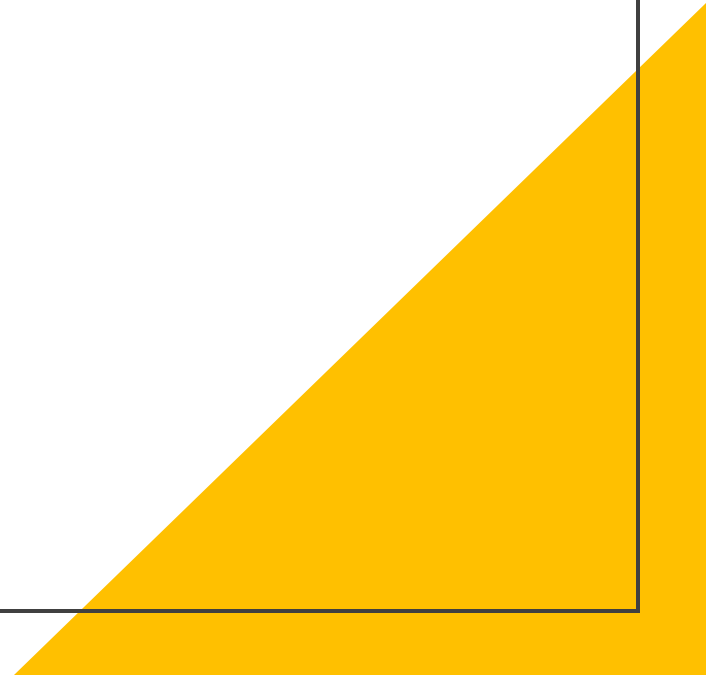
Number of owners



CRYPTO: WORLD
BECOMES A BETTER
PLACE



- Reduce the risk of fraud
- Increase the crowdfunding
- Change money transfer process
- Make E-commerce stronger
- Encourage scientific managements
- Keep companies and individuals accountable
- Make foreign money transfers and transactions safer
- Offer a stable alternative to unstable currencies
- Give people control of their own money
- Offer scalability



INVEST IN CRYPTO



Telephone industry moves to ban Internet phone software

By TOM ABATE
San Francisco Examiner

SAN FRANCISCO — The telephone and computer industries are headed for a regulatory brawl over a new technology that lets two computer users talk to one another over the Internet without having to pay for a long-distance call.

America's Carriers Telecommunication Association (ACTA), a Florida trade group representing small long-distance companies, has petitioned the Federal Communications Commission (FCC) to stop several software firms from selling programs that create a voice pipeline between two computers on the Internet.

These programs let their users talk to anyone anywhere on the Internet for the cost of a local call, provided both parties have the same software and a computer with speakers and a microphone.

At the moment, only 20,000 to 50,000 people worldwide are using this new technology. And none of the competing software packages — sold by companies like Vocal-Tec Inc. in Northvale, N.J., and

Quarterdeck Corp. in Marina del Rey — can talk to each other, let alone permit computer users to call a real phone.

But Marc Andreessen, Netscape Corp.'s technology guru, said his Mountain View-based company will make computer-to-computer voice capability a standard feature in the next version of its browser program, which will be available by this fall. He said even more ambitious technology is already being tested that will let Internet users call standard telephones.

"There could be 10 million people out there with this capability within a year or two," Andreessen said. "The implications for the telephone business are interesting."

Which is exactly why ACTA lawyer Charles Helein has petitioned the FCC. He wants to stop the sale of Internet phone software until the FCC can set rules ensuring that Internet telephone callers help pay for universal service subsidies and adhere to other rules that small long distance companies have to follow.

"We think the issue is unfair competition," said Helein, who works in McLean, Va.

Internet 'may be just a passing fad as millions give up on it'

THE Internet may be only a passing fad for many users, according to a report.

Researchers found that millions were turning their back on the world wide web, frustrated by its limitations and unwilling to pay high access charges.

They say that e-mail, far from replacing other forms of communication, is adding to an overload of information.

Experts from the Virtual Society project, which published the report, say predictions that the Internet would revolutionise the way society works have proved wildly inaccurate.

Many teenagers are using the Internet less now than previously, they conclude, and the future of online shopping is limited. Steve

By James Chapman
Science Correspondent

Woolgar, director of the society, said: 'We are often presented with a picture of burgeoning Internet use, but there is evidence already of drop-off and saturation among users.'

'Teenagers' use of the Internet has declined. They were energised by what you can do on the Net but they have been through all that and then realised there is more to life in the real world and gone back to it.'

The project, sponsored by the Economic and Social Research Council, gathered together research by 25 universities across Europe and the U.S.

It estimated that in Britain alone there could be more than two million people who regularly used the Internet but had now given up.

Analysts say some simply became bored, while others were frustrated by the amount of advertising they had to plough through to reach information.

Many university stu-

Net loss: Two million Britons have logged off the Internet



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Business News > News > Economy > Policy > RBI tells lenders to re-consider ties with crypto exchanges, traders

RBI tells lenders to re-consider ties with crypto exchanges, traders

Reuters • Last Updated: May 13, 2021, 03:16 PM IST

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Synopsis

The guidance comes as India is crafting a law to ban cryptocurrencies and penalize anyone dealing in them, which would be among the most sweeping crackdowns on the new investing fad in the world.



India's central bank is informally urging lenders to cut ties with cryptocurrency exchanges and traders as the highly speculative market booms, despite a [Supreme Court](#) ruling that banks can work with the industry, three sources told Reuters

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Government News / Latest Government News / Digital India

Govt may set up a new panel to study crypto regulations

The government may form a fresh panel of experts to study the possibility of regulating cryptocurrency in India, three sources privy of the discussions told ET.

ETtech • May 19, 2021, 11:50 IST

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The government may form a fresh panel of experts to study the possibility of regulating cryptocurrency in India, three sources privy of the discussions told ET.

This comes amid the prevailing view that the recommendations by a committee headed by former finance secretary Subhash Garg in 2019 for a

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EXPRESS INTEREST

Govt invites suggestions on bitcoin law

Industry and legal experts propose self-regulation for digital currencies; a committee of bureaucrats to study the issue

RAJESH BHAYANI
Mumbai, 22 May

The Union finance ministry has invited suggestions on whether digital currencies such as bitcoin should be banned or allowed but regulated, and if so, if self-regulation is desirable. It wants feedback by the end of the month.

Earlier, a committee of bureaucrats had been asked to study the issue. In recent times, bitcoin has been recognised by Japan; it has also been used to ask for ransom money.

Bitcoin start-ups Zebpay, Unocoin, Coinsquare and Searchtrade had in February jointly launched a Digital Asset and Blockchain Foundation of India (Dabfi) as a self-regulatory body. Nishith Desai Associates, a global legal entity, was appointed advisor for developing the regulations.

They argue that currencies such as bitcoin should be allowed self-regulation. Banning it, they say does not seem sensible, with its rising acceptability in parts of the world. If the government is to regulate it, there would be various issues. Digital or virtual currencies are not so defined under the laws and a mechanism to regulate it and tracking the transaction trails would have to be formulated.

"Crypto currency doesn't fit into any (standard) definition of currency, foreign exchange or money. Defining something

DIGITAL CURRENCIES CAUGHT ATTENTION

- Currently, bitcoin in India is trading at around ₹1,55,000
- Total market cap of four major currencies globally — bitcoin, ethereum, lithium and ripple — is above \$70 billion
- Bitcoin's market share, last week, had fallen by half
- Recently, an Indian bitcoin exchange helped the police in Bank of Maharashtra robbery case to nab a culprit who had robbed the bank and purchased bitcoin with the money
- Last week, the people behind the WannaCry cyberattack had asked ransom in bitcoins
- Industry body is working on investor protection measures for members
- Govt has invited suggestions on what should be the effective self-regulatory mechanism

will be difficult for the government not to recognise its legality," said Nishith Desai, founder of Nishith Desai Associates.

Experts say over-regulation risks



Bitcoin price



Source: Capitaline; bitcoin price in 1 term (global)

Return on investment



(Returns in %). Compiled by BS Research Bureau

Sandeep Goenka, co-founder of ZebPay, the largest bitcoin exchange, with about 500,000 app downloads, says: "The best way to regulate is to first allow

traders and suspicious transaction reporting (STR) processes. They can help build an identity layer on top of this technology. This has been the global trend."

ally be traced back to the identity of the person when these reach a self-regulated bitcoin company or exchange which collects KYC and follows the AML procedures. There could be a long transaction chain that needs to be traced backwards before the culprit is identified but it is possible. Bitcoin is a bad payment method to use for doing anything illegal, as the traces can never be erased."

"If the government allows self-regulation, it would be faster and the government could set up an agency which coordinates with the self-regulating body of the industry regarding an investigation," says Desai. Desai says Dabfi is ensuring the member-exchanges do a proper KYC, will prepare norms for regulating members and blockchain ledgers, and will provide any information the government requires for investigation. The government, he notes, lacks expertise on crypto currencies and cryptography. If it takes regulations on itself, it will be time consuming and training of enforcement agency officials will be another challenge. Hence, "allowing the industry to self-regulate, with government oversight, is the best approach".

Criteria on net worth would be gradually fixed. And, to get insurance agencies to insure bitcoin exchanges and wallets, to prevent customer loss. Beside asking exchanges to create settlement guarantee funds.

"We propose to follow the Australian self-regulation model for bitcoin," says



★ AMERICANS FOR ★ BLOCKCHAIN & CRYPTOCURRENCY

Introduced in draft form to the House of Representatives on December 20, 2019, the much anticipated Crypto-Currency Act of 2020 makes significant progress towards clarifying the regulatory framework surrounding Digital Assets.

THE CRYPTO-CURRENCY ACT OF 2020

The legislation does not create any new regulatory agencies. It separates Digital Assets into three broad categories and assigns an existing regulatory body to each of the below categories:

STATUS: 116TH CONGRESS, 1ST SESSION
DRAFT LEGISLATION



ANALYSIS PROVIDED BY

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3 DIGITAL ASSET CATEGORIES

CRYPTO CURRENCIES



These tokens are defined as representations of US currency and are “reserve-backed digital assets” such as “stablecoins” that are collateralized by synthetic or physical assets held in a “correspondent banking account.” This category would be the smallest of the three categories. This includes tokens like Tether, USD Coin, Paxos, & True USD.

CRYPTO COMMODITIES



These tokens are based on commodities or other “economic goods or services.” This category encompasses the majority of existing cryptocurrencies and would include smart contract platforms such as Ethereum, EOS, Tron as well as “value transfer” cryptocurrencies like Bitcoin, Bitcoin Cash & Litecoin.

CRYPTO



EXISTING REGULATORY BODIES



FINCEN

CRYPTO-CURRENCIES

The Financial Crimes Enforcement Network of the US Treasury Department will oversee crypto-currencies.



CFTC

CRYPTO-COMMODITIES

The Commodities Futures Trading Commission, an independent government agency, will oversee crypto-commodities.




CRYPTO-SECURITIES


TRANSPARENCY GOALS


DOOR CLOSING FOR PRIVACY COINS?





The Act requires that, “each agency


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News / India / Crypto Bill in Parliament: Govt looks to create official digital currency, ban private players



Cryptocurrency Bill in Parliament: Govt intends to create official digital currency, prohibit private players


The Cryptocurrency and Regulation of Official Digital Currency Bill, 2021, will be introduced in the upcoming Winter Session of Parliament.

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 **Rahul Shrivastava** 
New Delhi, UPDATED: Nov 23, 2021 22:03 IST





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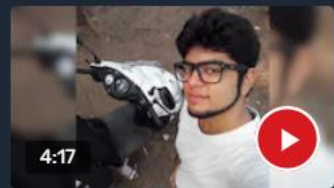
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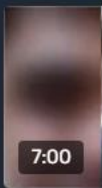
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RBI in final stages of retail CBDC pilot rollout

By Saloni Shukla, ET Bureau • Last Updated: Nov 19, 2022, 12:40 AM IST

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Synopsis
Officials indicated that the platform for CBDC is being hosted by the National Payments Corporation of India and will be similar to the current UPI platform. The central bank wants each bank to test the retail CBDC with 10,000 to 50,000 users for the pilot project.



The [Reserve Bank of India \(RBI\)](#) is in the final stages of the rollout of the retail central bank-backed digital currency ([CBDC](#)) that will be interoperable with the present forms of payment systems, people aware of the developments said.

WHY ?





What is your
resolution ?



Thank You !!

