

Agenda

- The Abbreviated History of Crypto-Assets
- Regulation
- Public vs Permissioned Blockchains
- w. Smart Contracts
- Crypto Currencies as a Valid Mechanism for Payment and Settlement
- vi. The ICO Markets
- VII. Forecast



Potential benefits of Blockchain technology for the financial services industry



Reduce costs of overall transactions and IT infrastructure



Irrevocable and tamper-resistant transactions







Ability to store and define ownership of any tangible or intangible



Increased accuracy of trade data and reduced settlement risk



Near-instantaneous clearing and settlement



Improved security and efficiency of transactions



2016-2017

chasm

· Critical time for

and adoption

Blockchain to show

sustainable value

Startups must show

results to justify

Blockchain must

solve scalability.

throughput issues

investment

Enabling effective monitoring and auditing by participants, supervisors, and regulators

2018-2020

Adoption movement Crossing the

- Consortiums instrumental in defining protocols. standards for widespread adoption
- Regulatory bodies likely to play key role in adoption, compliance
- IT service providers likely to invest in/build Blockchain capabilities
- · Rise of IPOs. Unicorns in Blockchain startups

2020 & beyond

Accelerated adoption

- Blockchain leading to new business models
- First tax collected by government using Blockchain technology by 2023 and storing 10%+ of global gross domestic product in Blockchains by 2027
- Bank infrastructure costs for crossborder payments, securities trading and compliance reduced by US \$15-\$20B/yr from 2022

2014-2015

Moving beyond

Foundation days

Bitcoin emerges

2009-2012

- 2009: Genesis block mined
- Experimental, limited to cryptographic community
- Blockchain as backbone of Bitcoin

2012-2014 cryptographers

- · Rise of Bitcoin exchanges
- Bitcoin struggles with criminal activity, but accepted at some online retail stores
- Rise of Bitcoin-based startups
- Bitcoin price surges to US \$1,000
- Blockchain gains attention of FS firms

Blockchain buzz years

- Blockchain gets serious attention / investment
- Consortiums accelerate adoption. innovation, standards
- Banks experiment with cryptocurrencies
- Global service providers, technology companies back Blockchain

Everest Group Blockchain in BFSI - Looking Beyond the Hype

The Abbreviated

Cypto- Assets

History of



Market Overview

Regulatory Progression

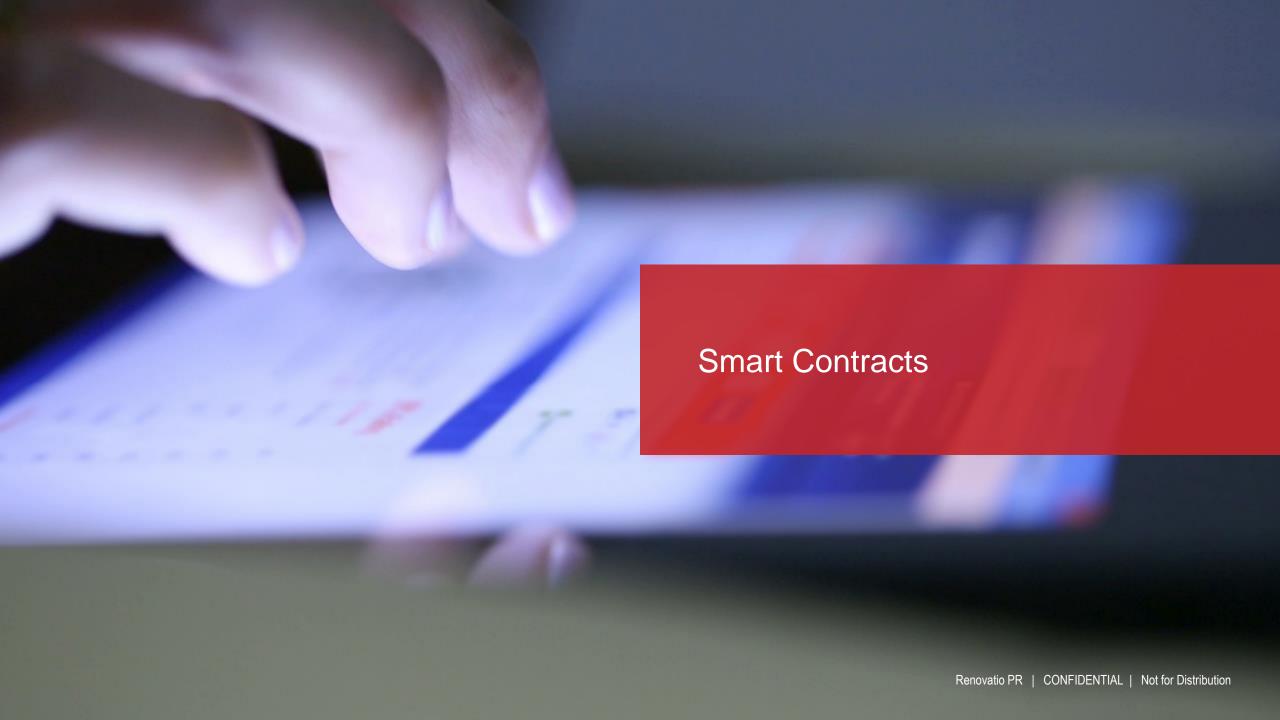
Country	Trading Exchanges Supported?	Status
China	×	Crackdown on cryptocurrency trading, closed down exchanges and banned ICOs.
Japan	✓	Recognizes Bitcoin as legal payment method and has approved cryptocurrency exchanges.
South Korea	× ?	Considering banning cryptocurrency trading due to increased incidence of breeches.
Singapore	✓	Advise caution but not currently enforcing restrictions on trading.
European Union	✓	Reviewing tighter controls to prevent money laundering and terrorists financing
Switzerland	✓	Encouraging investment in cryptocurrency with tight AML controls
United Kingdom	✓	Similar to EU – allowed but trading will be regulated with focus on AML controls
USA	✓	Allowed, but subject to regulatory controls. (see following page).





Is your company preparing for using crypto-currency as a payment mechanism?





Is your company planning to use smart contracts?





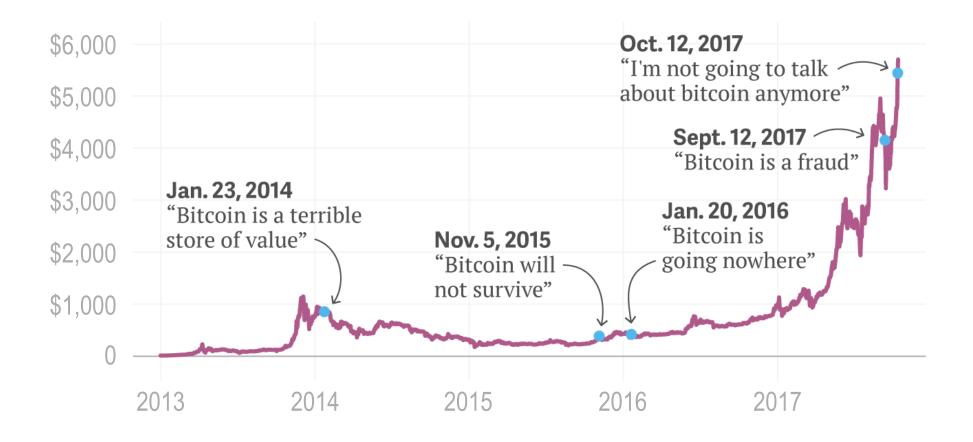


Have you participated in an ICO?



Who believes Bitcoin is a fraud?





■ See Source: <u>Here</u>

Source: ATLAS. Data: CoinDesk, Quartz.



Is the current market price of Bitcoin overvalued?





Will Bitcoin be valued at \$16,250 at 12/31/18?



Bitcoin surpassed \$16,250 on December 7, 2017 and traded to a high of near \$20,000 by December 17, 2017



Results from the 1st S&P Global Platts Digital Commodities Summit in London

Co-Sponsored & Hosted by Renovatio PR

Is your company developing a permissioned blockchain solution?

Yes 41% No 47% Don't know 12%

Is your company planning to use smart contracts?

Yes 81% No 15% Don't know 4%

Is your company applying blockchain to supply chain improvements?

Yes 47% No 38% Don't know 16%

Is your company preparing to use crypto-currency as a payment mechanism?

Yes 25% No 57% Don't know 18%

Have you participated in an ICO?

Yes 10% No 90%

Is Bitcoin a fraud?

Yes 8% No 68% Don't know 24%

Will Bitcoin be valued 12,500 GBP by 31 Dec 2018?

Yes 35% No 65%



Thank You

