DANMARKS NATIONALBANK

ADVANTAGES AND DISADVANTAGES FROM

THE PERSPECTIVE OF THE DANISH CENTRAL BANK





Kryptovaluta for milliarder stjålet fra japansk børs

Berlingske 28. januar 2018

Snart kan du betale med kryptovaluta i tusindvis af netbutikker

Børsen 16. december 2017

Investor fik 2300 pct i afkast på valutasats – men så blev han hacket

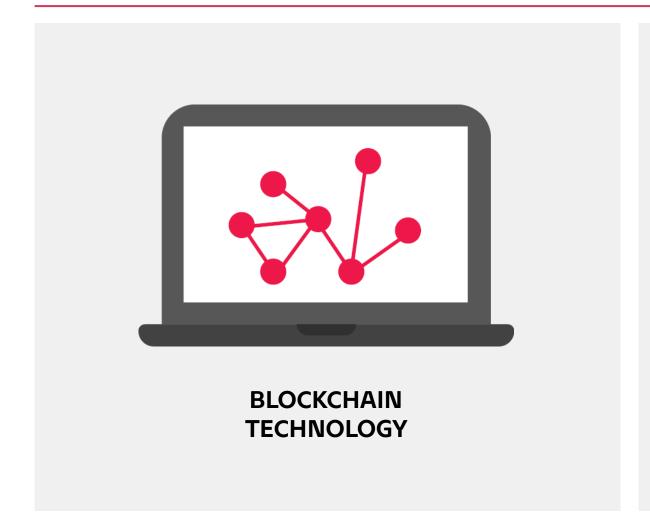
Børsen 22. august 2017

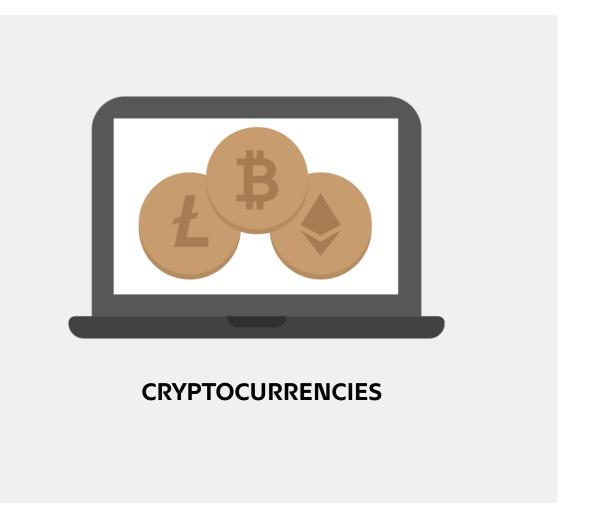
Hemmeligheden bag den succesfulde bitcoin kan revolutionere andre brancher

Jyllands-Posten 27. maj 2017



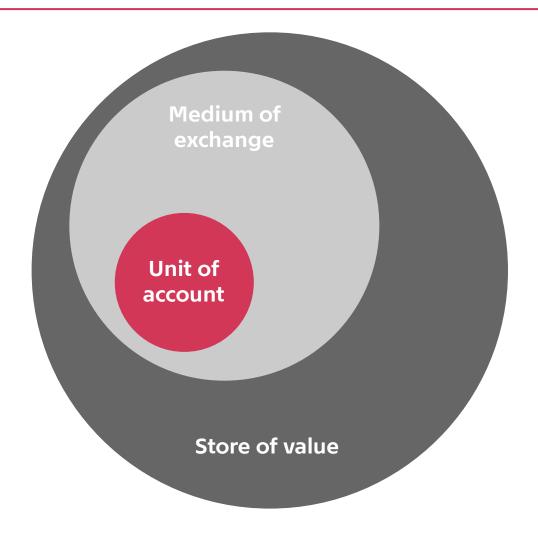
Where is the advantage?







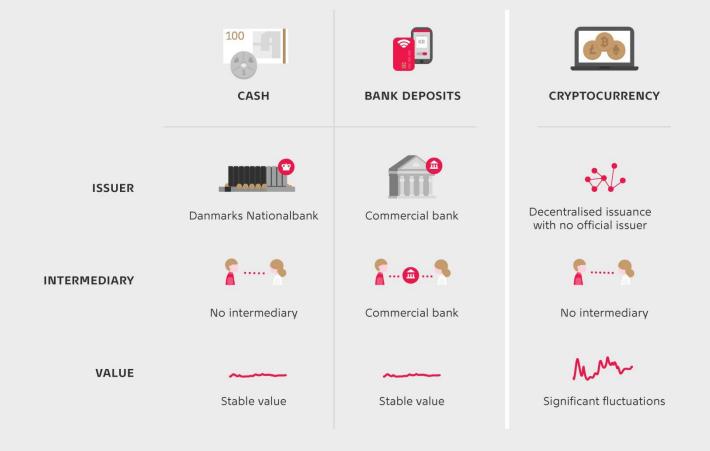
What are the functions of money?



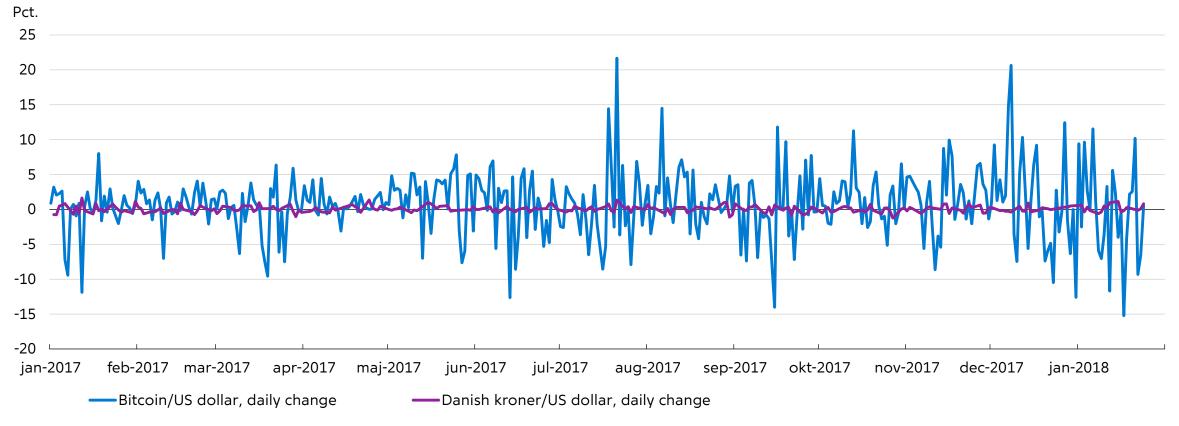


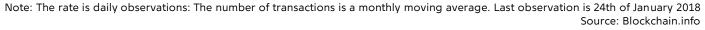
Types of money

- what's apples and what's oranges?



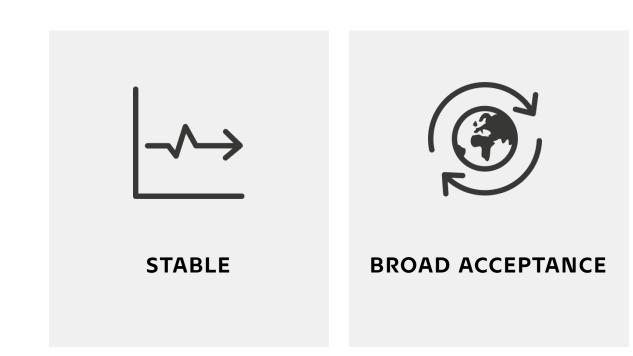
Cryptocurrencies are far from stable

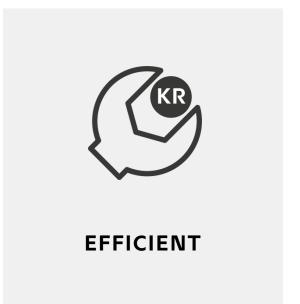






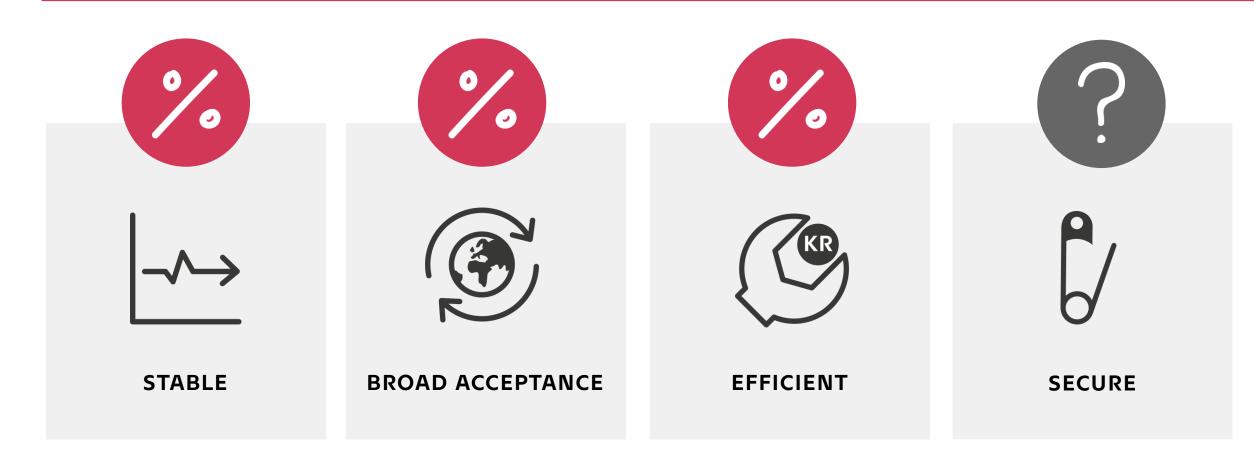
What is a good medium of exchange?







Cryptocurrencies is challenged





Potential for blockchain and its sister technologies?

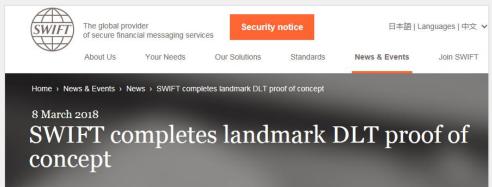


Lot's of talk - where is the walk?

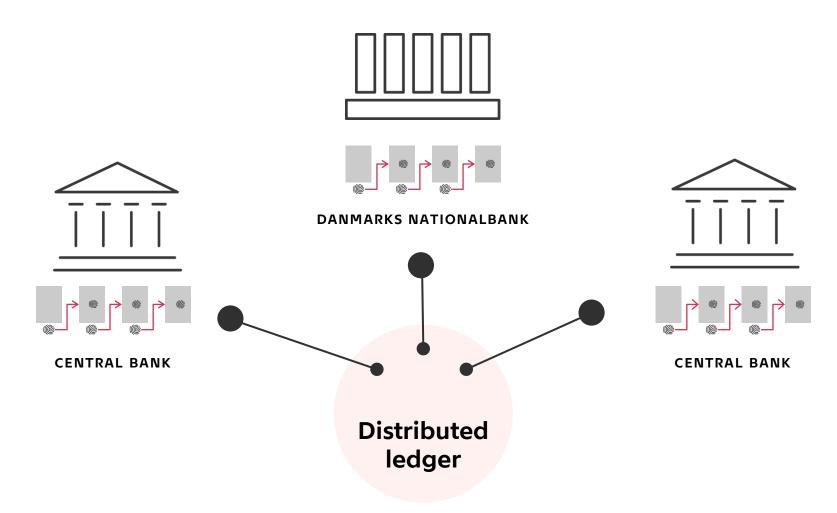
Maersk and IBM to form joint venture applying blockchain to improve global trade and digitise supply chains





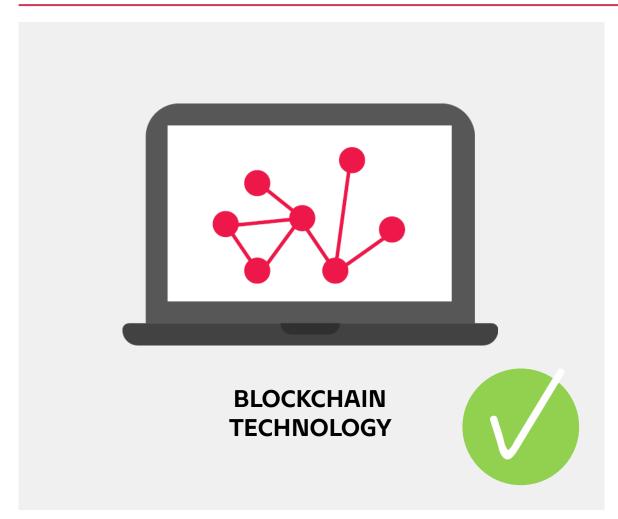


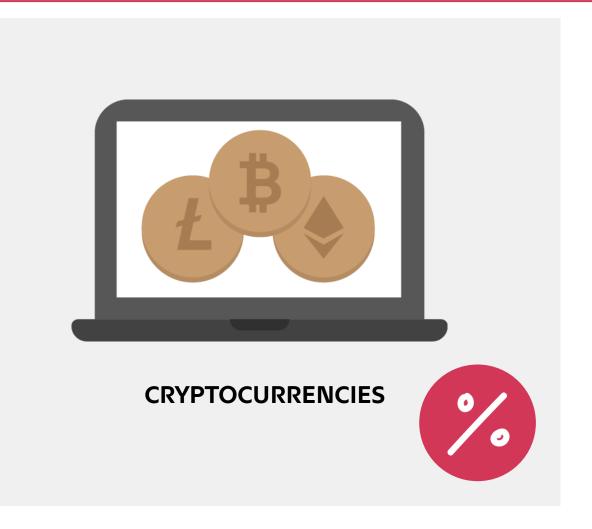
Danmarks Nationalbank participates in an European distributed ledger project





The advantages for society is found in the technology





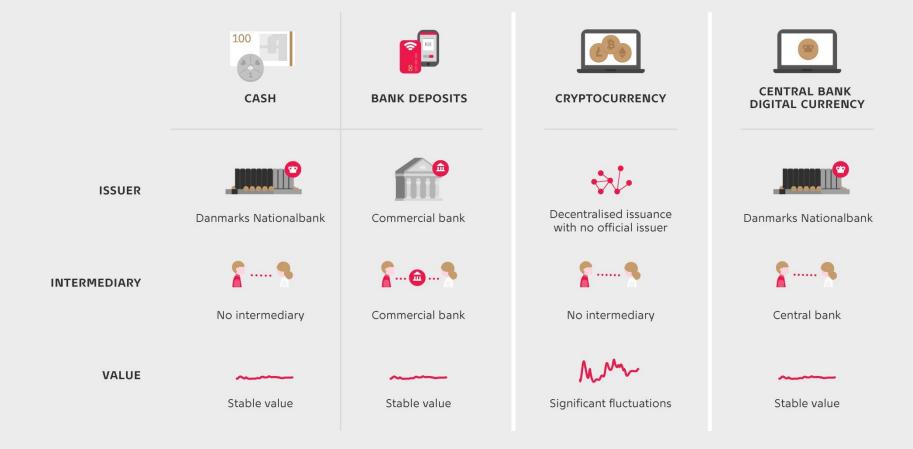


A new role for central banks: Issuing digital central bank money to the general public?



Types of money

- including digital central bank currency



What is the point?



To improve the safety and efficiency of the payment system?



To give the public unlimited access to convenient risk-free central bank money?



To improve financial stability?



To ensure that the central bank does not fall behind in the digital age?

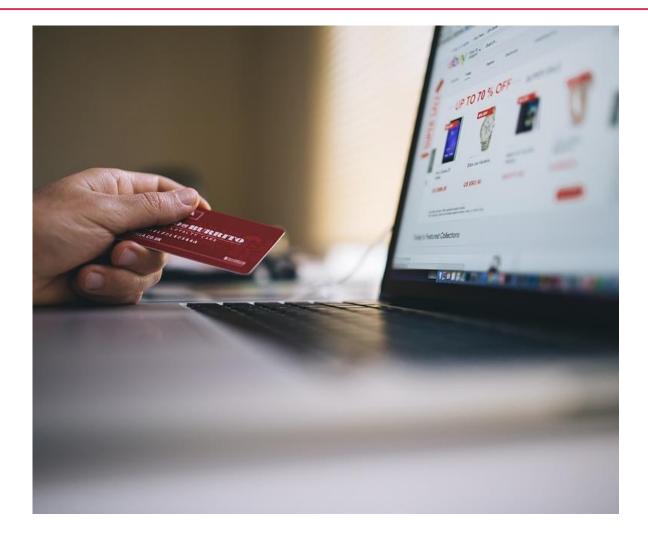


To improve the safety and efficiency of the payment system?

In Denmark the payment system is safe and efficient

New solutions are being developed by private actors

A digital central bank currency is not an efficient contingency measure





To improve financial stability



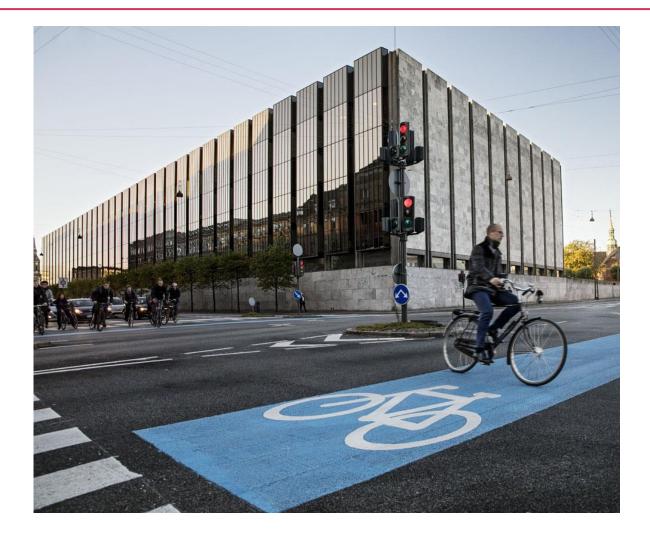
On the contrary CBDC may pose a threat

A vehicle for instant bank runs

To give the public unlimited access to convenient risk-free central bank money?

Providing unlimited risk-free asset to the public

Cannibalizing deposits from banks – who will finance the banks' funding gap?





To ensure that the central bank does not fall behind in the digital age?



CBDC is not a question of technology but rather one of liabilities

The central bank could start opening accounts to the public like any regular bank

Or we could issue pre-paid cards

DANMARKS NATIONALBANK

THANK YOU!

