Two Worlds Living Together: Crypto Currencies and Central Bank Digital Currencies

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Money is one of the best innovations ever,

One of the few universial trust mechanism













Money is in flux

1624-1776



1661-1666



1904-X



202X



Crypto Currencies and Central Bank Digital Currencies will coexist togheter with bankmoney, but not cash

It is like old soldiers that will never die: they just fade away













Bankmoney

130 independent currencies recognized as legal tender

Crypto

6.500 different types of crypto one is legal tender in two countries

CBDC

80 countries are looking into it – China is the first big economy implementing it





Lagarde makes case for digital euro



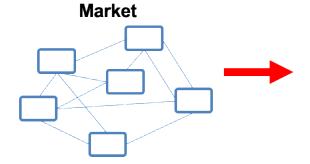
digital-euro?utm_medium=dailynewsletter&utm_source=2020-9-14&member=87826

- EU cannot afford to be left behind in the development of digital payment methods
- The pandemic has accelerated the "transition to a digital new normal"
- The potential disruption of the payments market by big tech firm

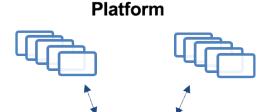
The world is changing

Hierarchy

- Self-sufficient
- Closet system
- Build yourself



- Scale of economics
- Open system
- Buy instead
- Incumbent firms



- Data driven
- Network effects
- Innovation rate
- Big techs
- Medium_of exchange



Tension between market and platform

Regulation is grounded in the market era

- Contract law
- Competition law
- Banking law

For example: EU assumes that increased competition leads to lower prices – Yes in a market,

but not in platforms. Instead it comes from network effects:

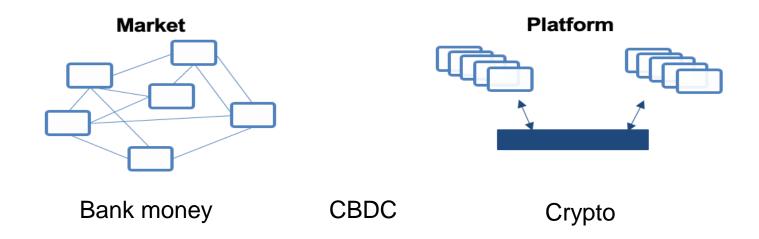
- Users
- Transactions
- Innovations

For example: ECB are "forcing" banks to use TIPS





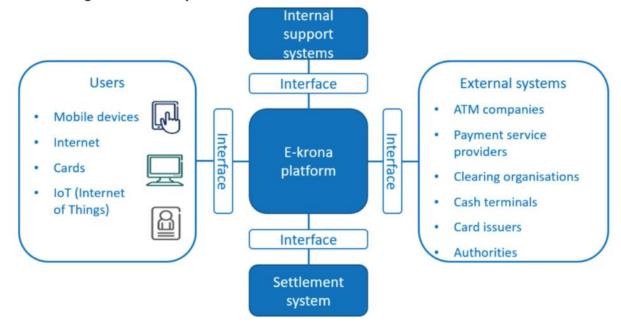
Money in the world



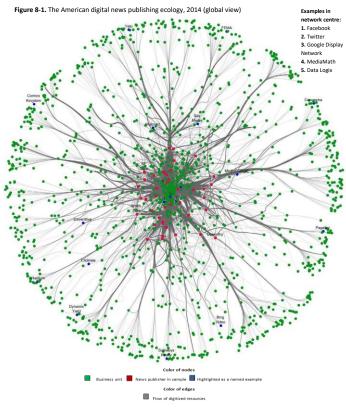


CBDC with a centralized ledger (account)

Figure 4. Possible design of an e-krona system







Note: The resource exchanges in the American digital news publishing ecology are visualized using the standard spring-embedded, force-directed algorithm in Cytoscape. Source: Data collected for use in this dissertation, as described in chapter 6.

Summary

Different types of money will coexist:

- Bank money
- Crypto currencencies
- Central bank money

There will be interesting battels