

Blockchain Organiseren

Blockchaintechnologie: hype of (r)evolutie?

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02-11-2017



Blockchain extra layer on internet ?

Internet of Value

**Internet of
Information**



Internet:

✓ Secure $A \rightarrow B$

Blockchain:

✓ Ownership

✓ Double Spending

In 2025, 10% of the worldwide GDP will be registered on blockchains or processed with blockchain technology

**WORLD
ECONOMIC
FORUM**

The logo of the World Economic Forum, which consists of a thin black line forming a circle that is open at the top and bottom, resembling a stylized 'W' or a partial circle.

Mainframe



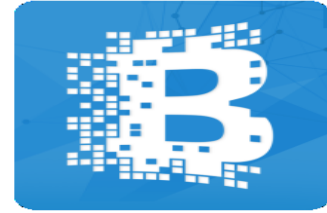
1970

Internet



1990

Blockchain



2010

1980



PC

2000



Mobile/social

time →



Is crypto currency as a medium of exchange just a change of medium?



Bitcoin Futures Could Open the Floodgates for Institutional Investors

Bitcoin Mania

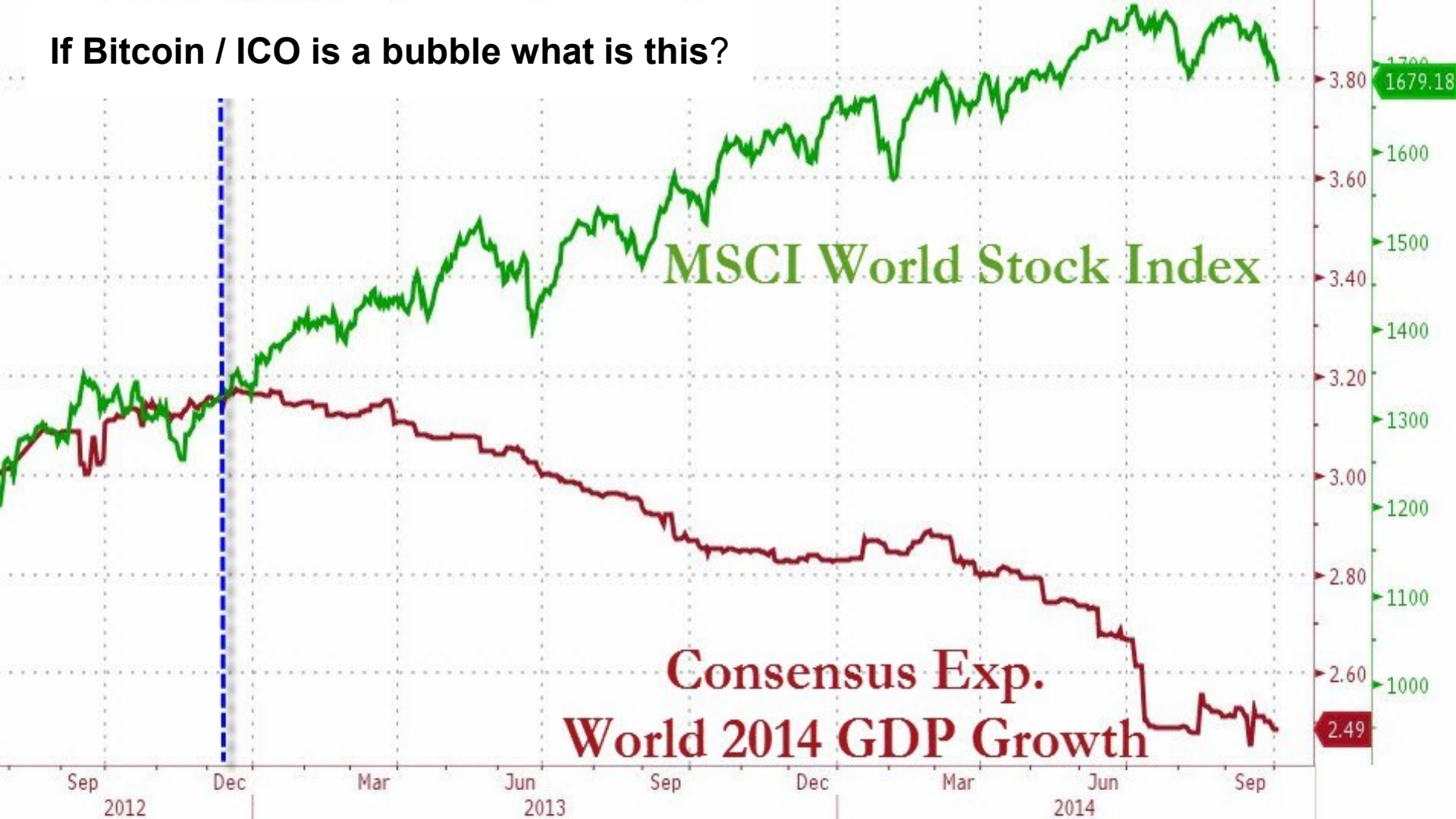
Digital currency surges on futures announcement

Bitcoin Close on 10/30 --- 6099.5977



Source: Bloomberg

If Bitcoin / ICO is a bubble what is this?

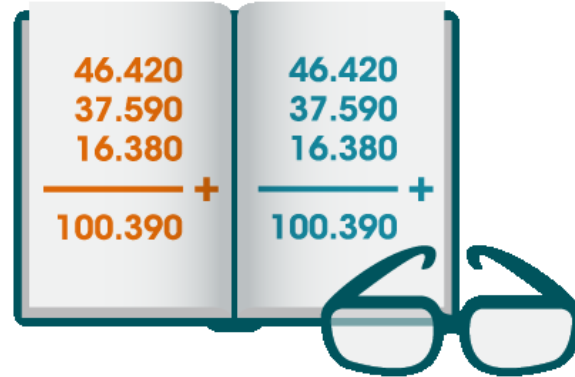
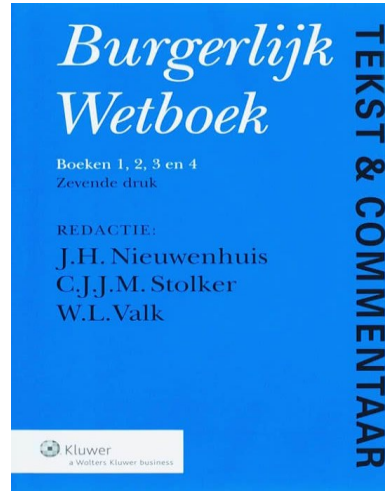


Programma

1. Waarom (aandacht voor) Blockchain Organiseren?
2. Wat is Blockchain Organiseren?
3. Wat kun je er wel en niet mee?
4. Vragen

Doing business...







Super specializations has its limits in coordinating capacity

Supply → **Reduce insecurity** → **Demand**

**6. More insecurity/
less trust**

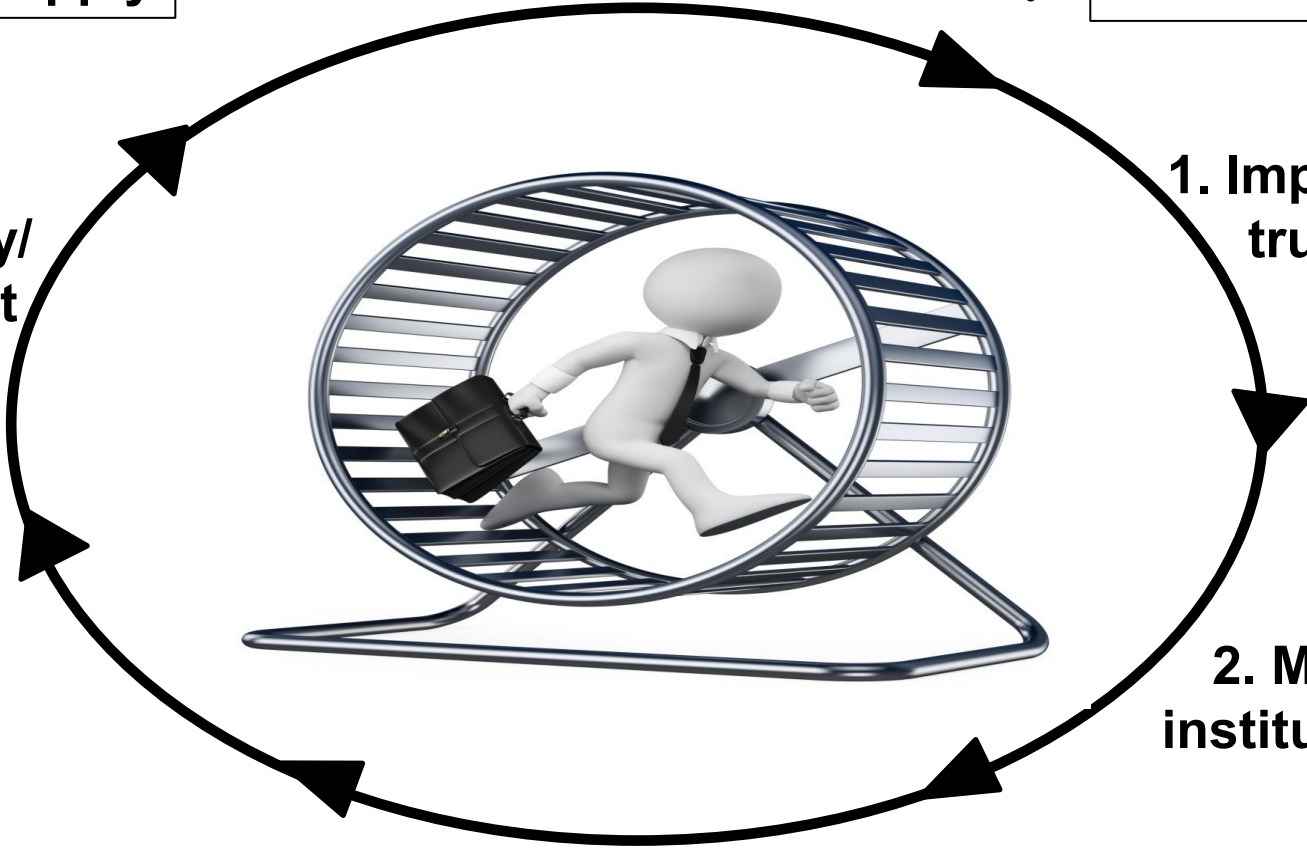
1. Improve trust

2. More institutions

3. More specialists

4. Poor coordination

5. More complex world



Home » Edelman Trust Barometer 2017 laat wereldwijde implosie van vertrouwen zien

EDELMAN TRUST BAROMETER 2017 LAAT WERELDWIJDE IMPLOESIE VAN VERTROUWEN ZIEN



De 2017 Edelman Trust Barometer laat de sterkste daling ooit gemeten in het vertrouwen in overheden, media, NGO's en het bedrijfsleven wereldwijd zien. De internationale vertrouwenscrisis lijkt in deze 17^e editie van het onderzoek compleet: het publiek

vertrouwt instituties steeds minder, heeft het gevoel dat 'het systeem' faalt en daarnaast neemt de afstand tussen de maatschappelijke bovenlaag en de algehele bevolking verder toe. Deze ontwikkelingen samen zijn een belangrijke verklaring voor de wereldwijde opkomst van populisme.

More of Us Are Working in Big Bureaucratic Organizations than Ever Before

by Gary Hamel and Michele Zanini

JULY 05, 2016

SAVE SHARE COMMENT 8 TEXT SIZE PRINT \$8.95 BUY COPIES



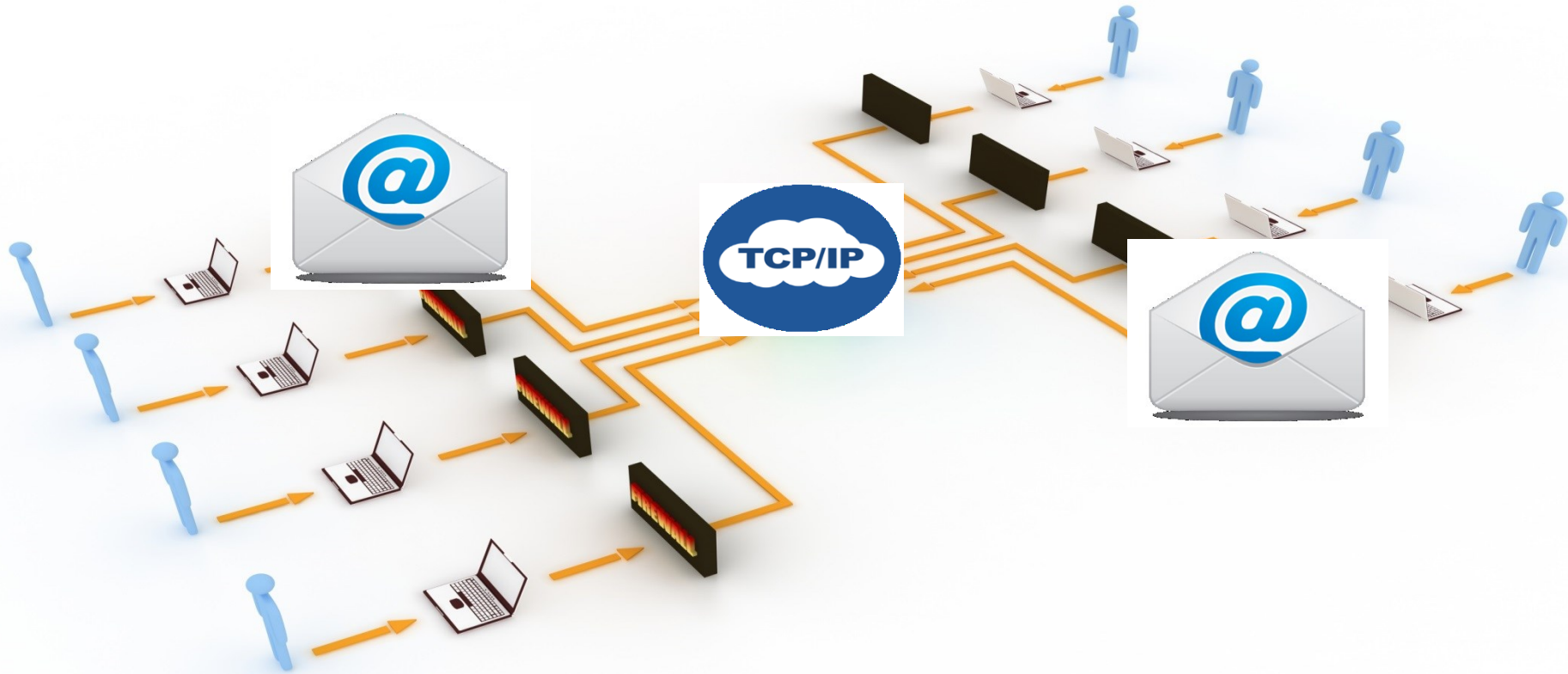
Writing for the *Harvard Business Review* in 1988, [Peter Drucker predicted](#) that in 20 years the average organization would have slashed the number of management layers by half and shrunk its managerial ranks by two-thirds. Unfortunately, it hasn't turned out that way. Despite all of the hype around alternatives — the gig economy, the sharing economy, holacracy, lean - bureaucracy has been growing, not shrinking.

20-year annualized productivity growth since 1800

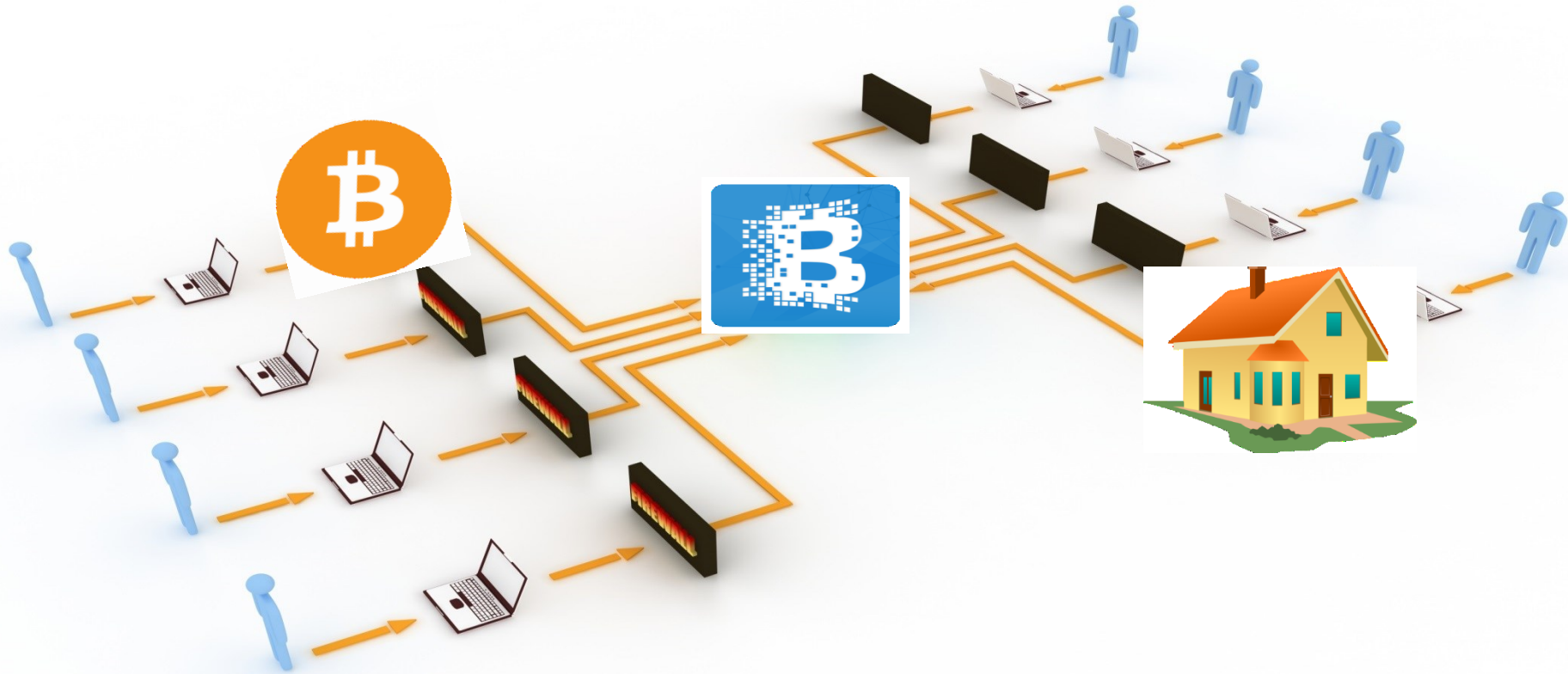




We are looking for a way to organize trust without increasing complexity and bureaucracy

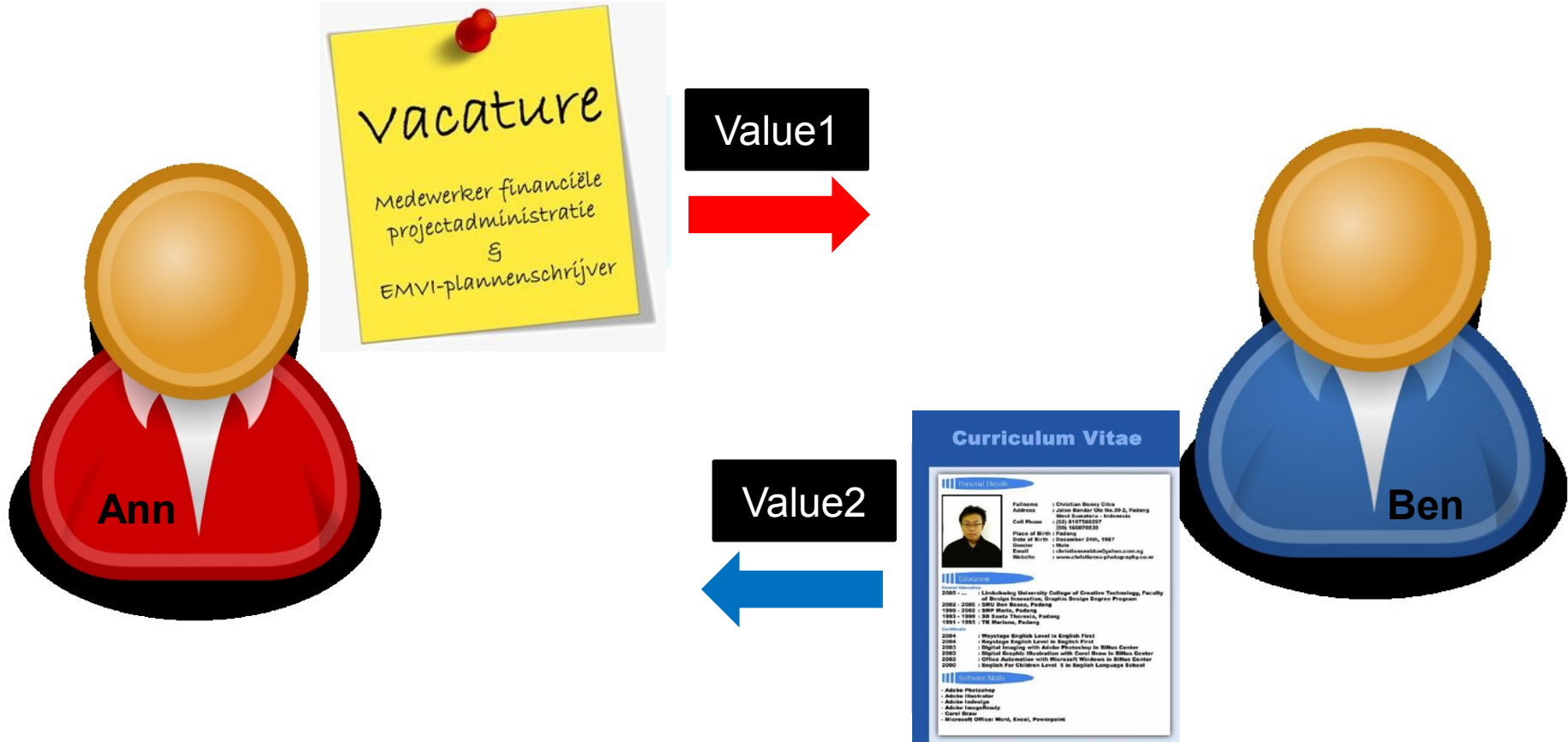


Internet is also a peer-to-peer network to share information (also value?)

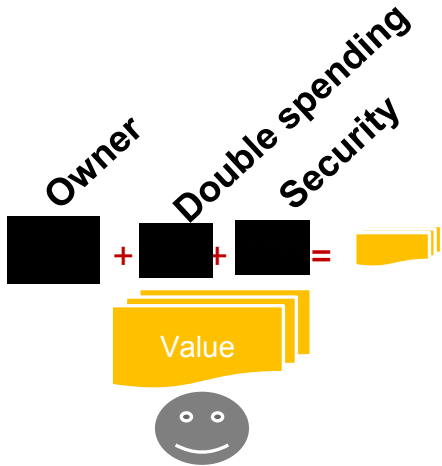


Blockchain Organizing is a way to ‘transport’ value (information) from supply to demand without trusting anyone, with almost zero transaction costs

What is a transaction?



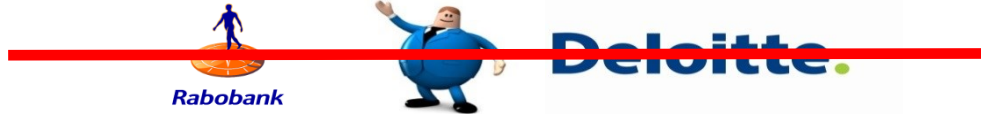




Intermediary



Ann



Ben

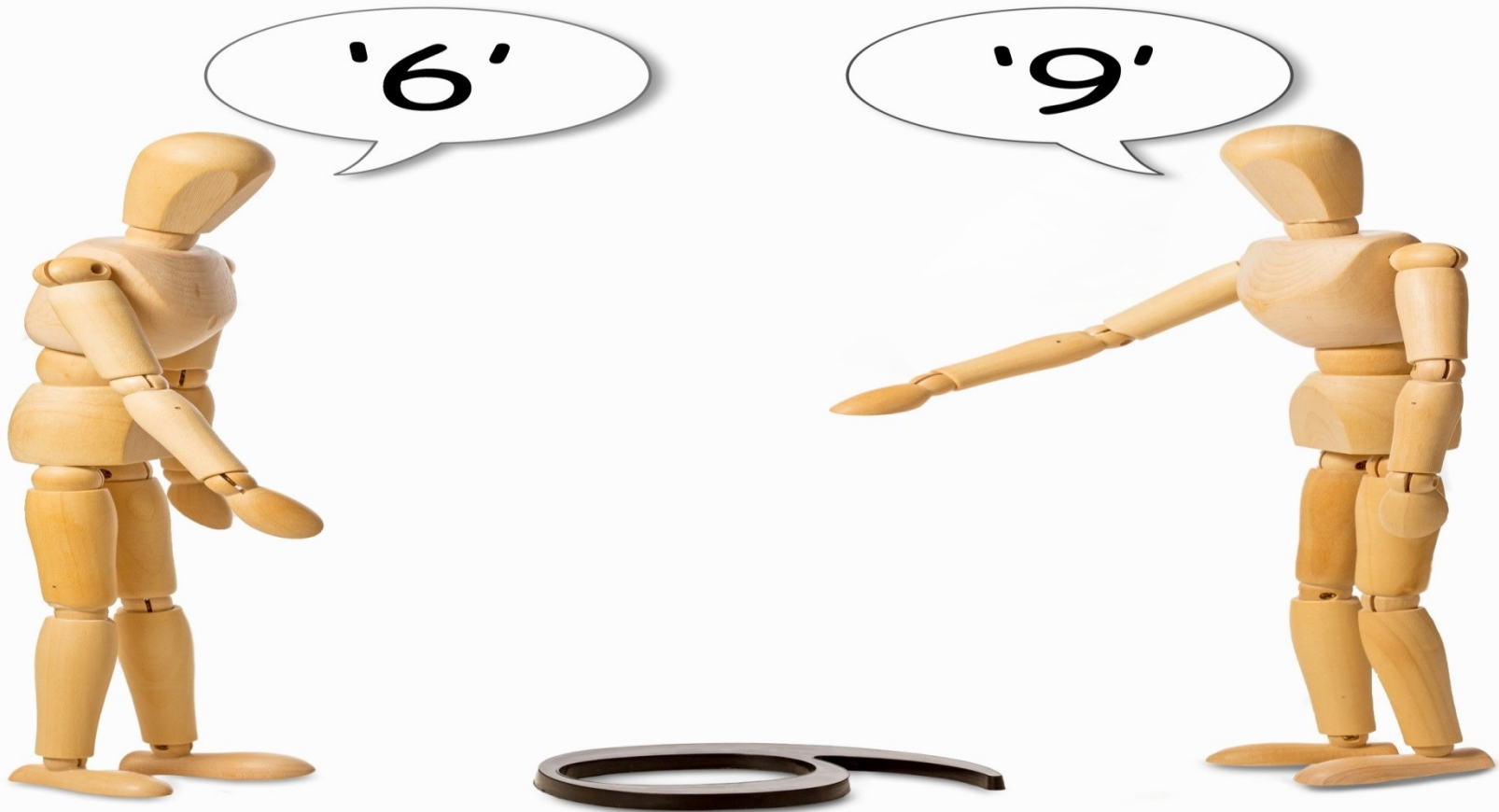
Programmable trust



**A private blockchain for companies is what a
assembly line would be for crafts**

We zitten opgesloten in een onzichtbare gevangenis van heersende aannames over de organisatie van vertrouwen, werk en economie





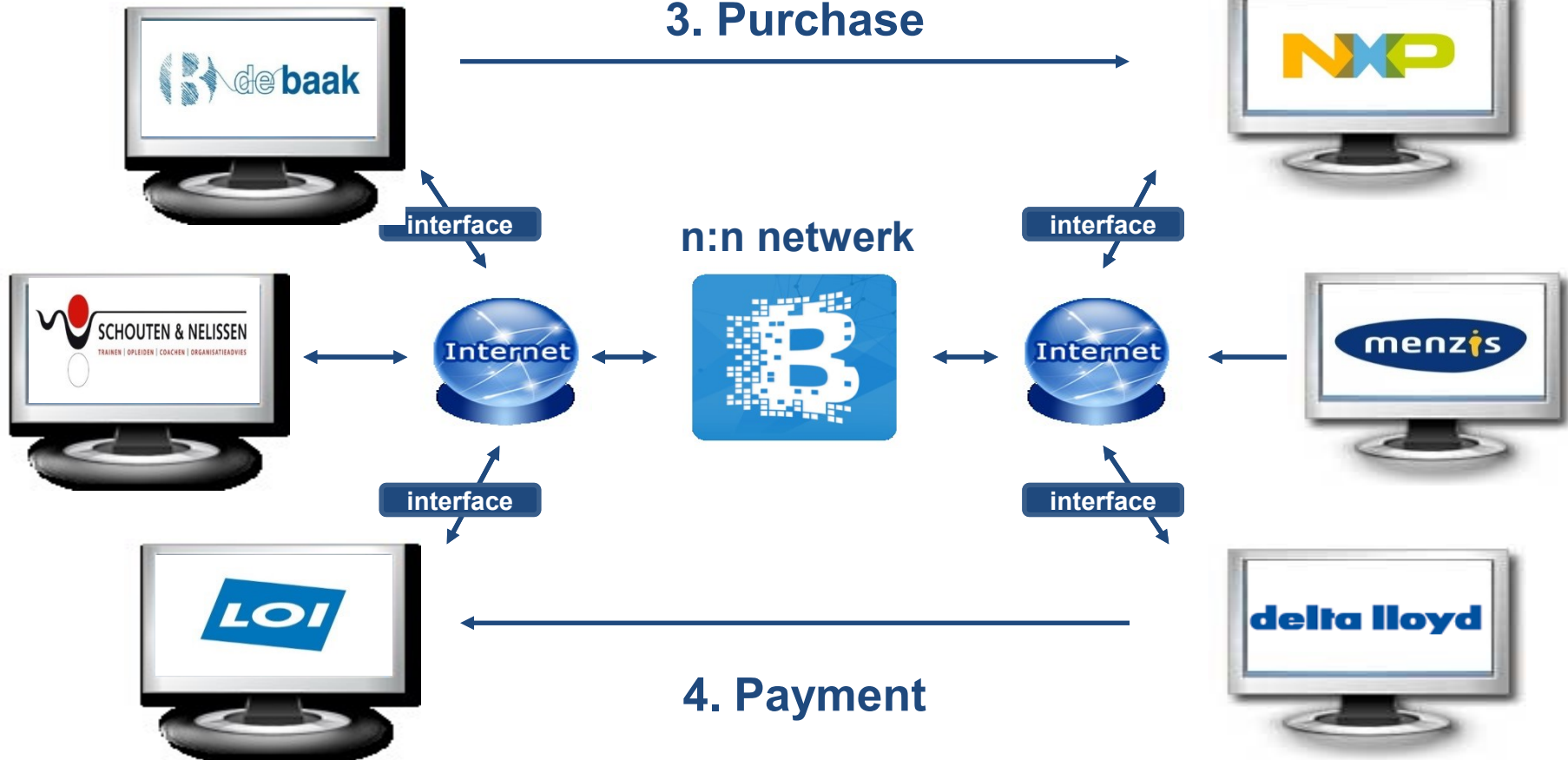
Blockchain is the exact opposite of what we think and do today

1. Profile

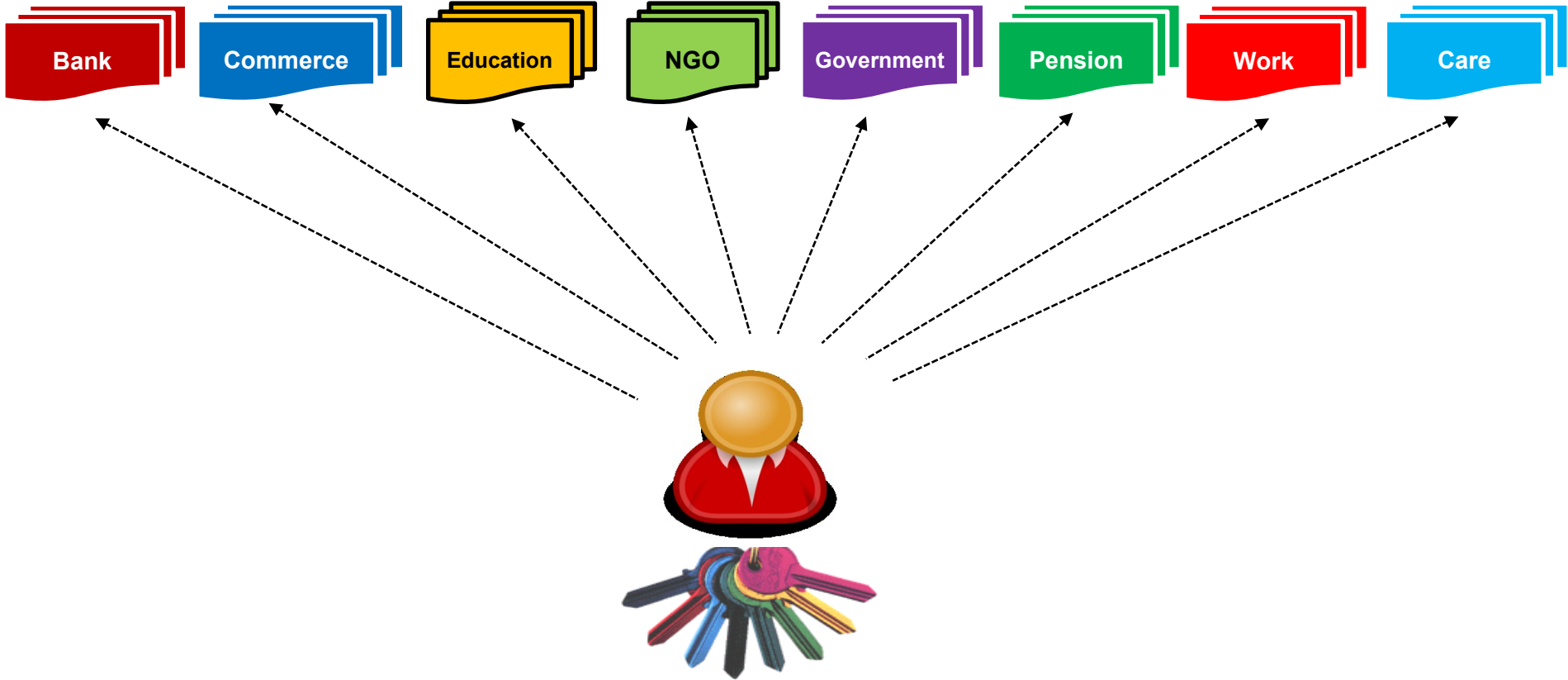
2. Select

3. Purchase

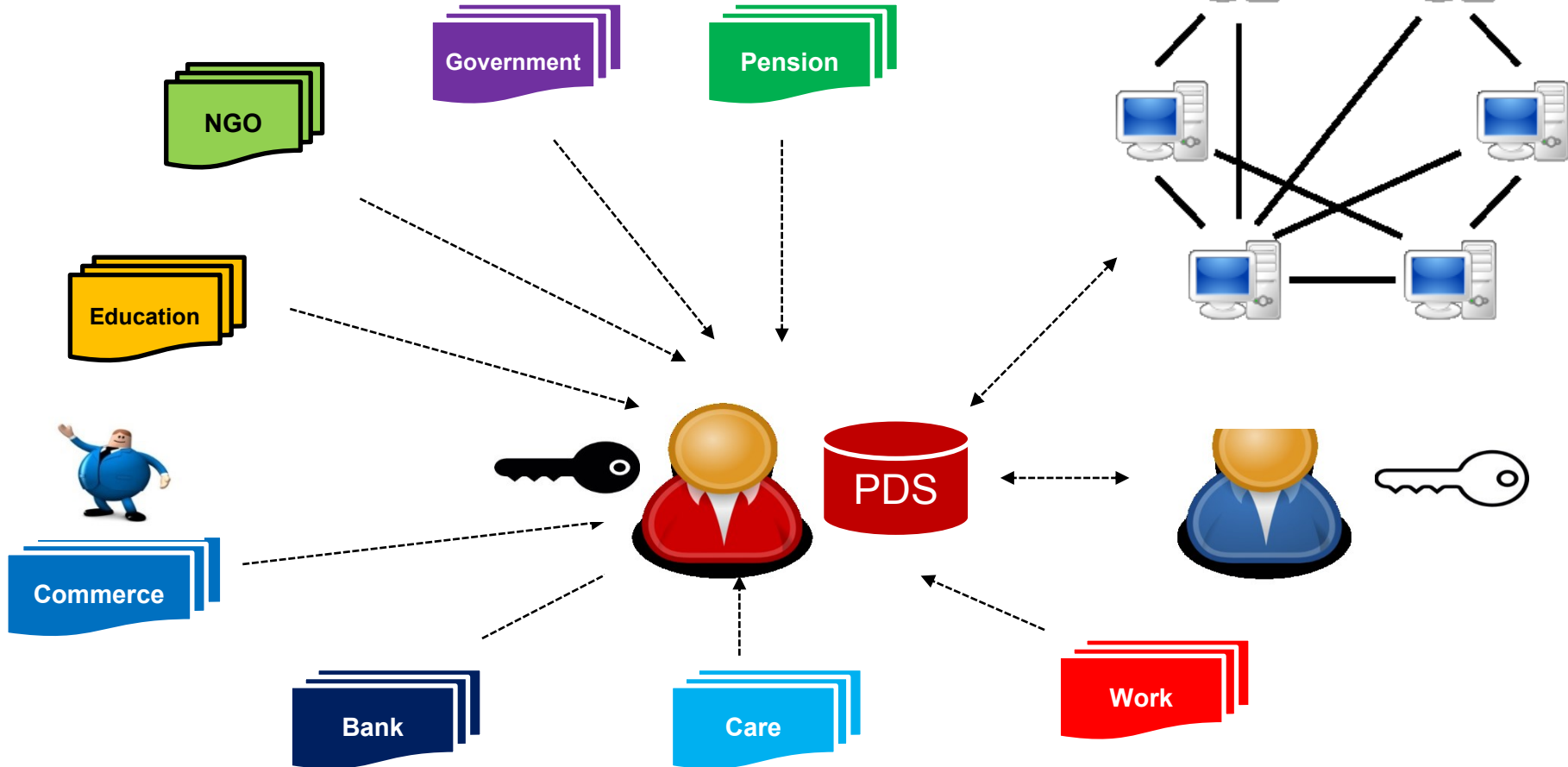
n:n netwerk



Old organizing model



New organizing model



When would you trust this pill?

(Pavel Kravchenko)





STOCK MARKET - RATIO

	Jul 30		Jul 27		Week ago	
	Yield	P/E	Yield	P/E	Yield	P/E
Argentina	7.2	6.9	7.1	6.9	7.0	7.0
Australia	4.8	13.6	4.8	13.5	4.9	13.5
Austria	3.0	11.3	3.0	11.2	3.1	11.2
Belgium	2.2	17.5	2.2	17.5	2.3	17.5
	3.9	11.5	3.9	11.4	3.9	11.4
	3.9	11.5	3.1	9.8	3.1	9.8

Fintech & Insuretech



Legal & smart contracts



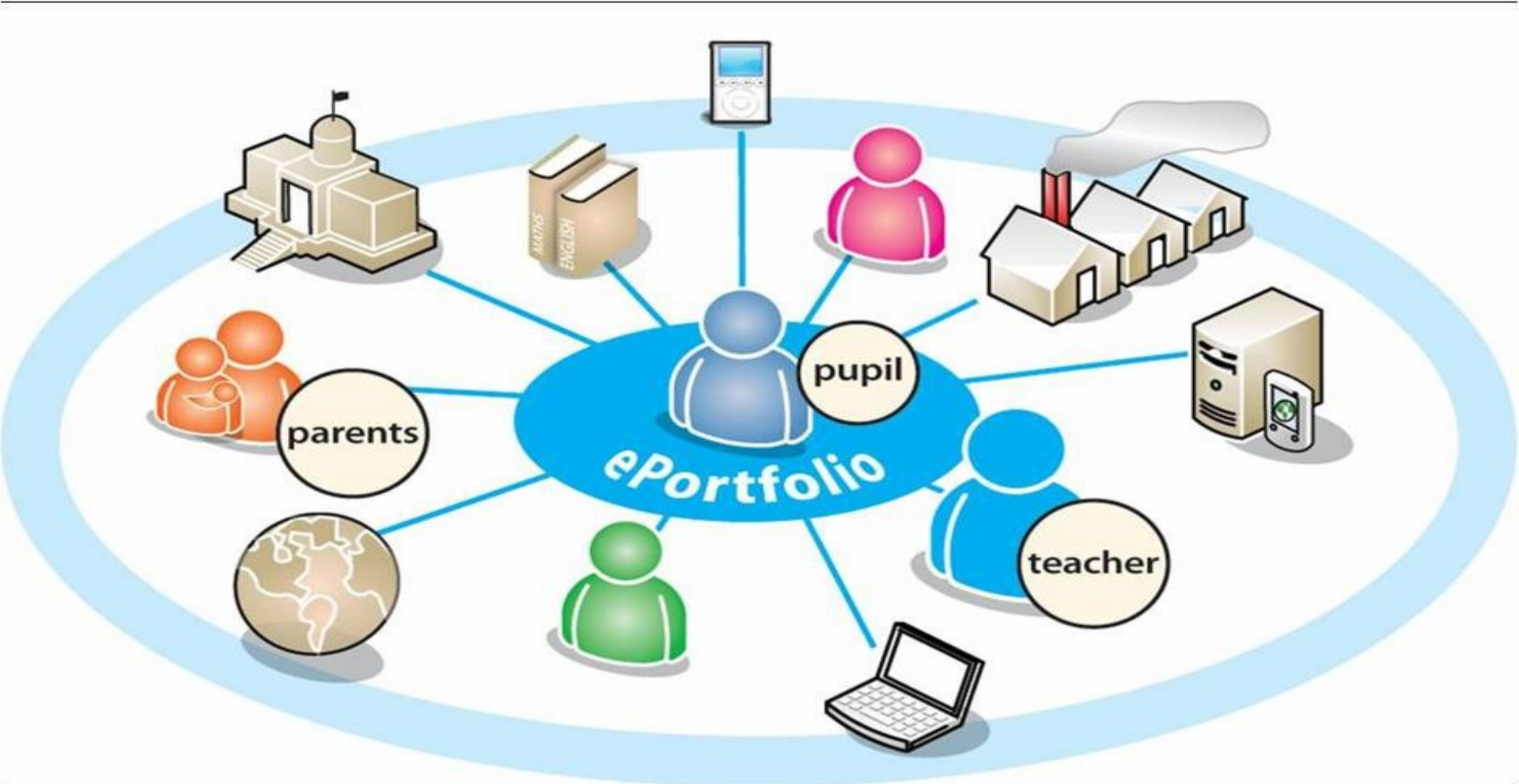
Electronic health record

YES

NO



Digital Voting on the Blockchain



e-Portfolio: learning and experience ledger



Supply Chain Management on the Blockchain

Blockchain toepassingen voor credit management domein

- Inkoop/verkoop van diensten en producten
- Identity management
- Document management
- Credit Management Information System
- Smartcontracts (contract & workflows)
- etc.

**Sphere 1
Farmer (3%)**



5%

**Sphere2
Factory (26%)**



2,3%

**Sphere3
Office (71%)**



< 1%

Sphere4 ????



**Care
Education
Safety
Wellbeing**

← Productivity growth per year



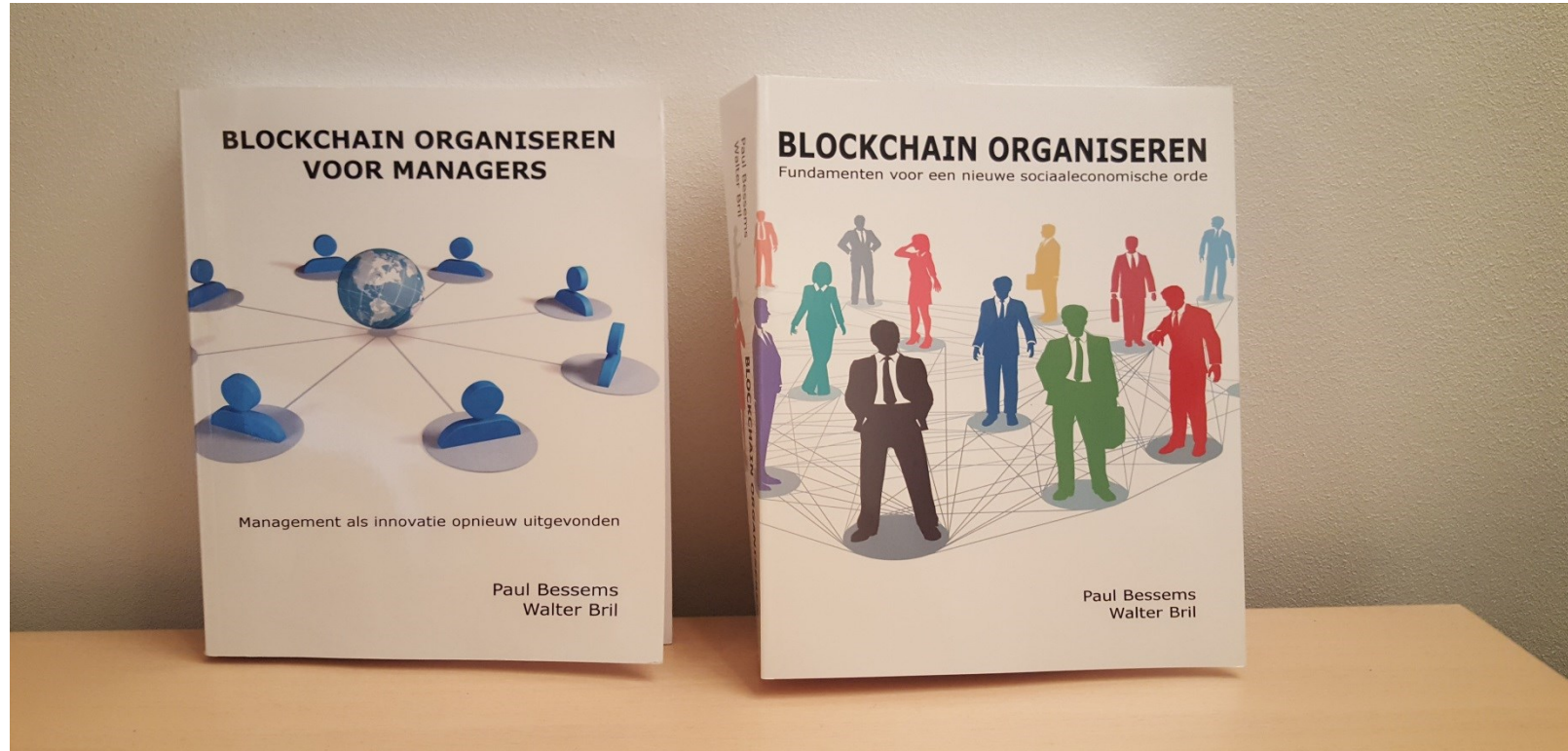
**If we can build autonomous cars, we can imagine
Decentralized Autonomous Organizations (DAO)**



**The firm of the
future may be ten
million people
working together
for ten minutes**

(Esko Kilpi)

Blockchain Organiseren





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