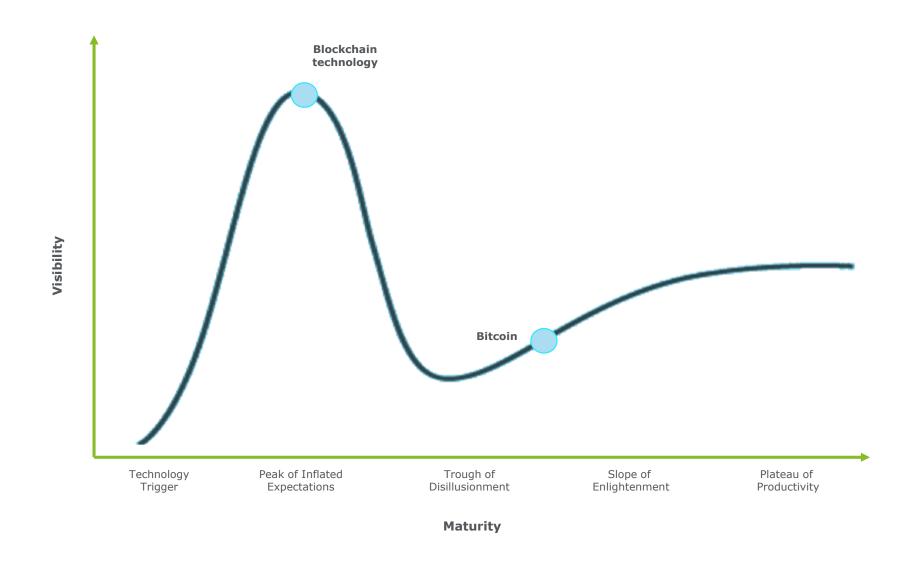




Gartner hype cycle

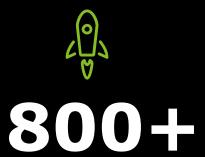
Blockchain is hot, Bitcoin is not



The ecosystem is growing rapidly



in venture capital has been invested in more than 120 Blockchain start-ups over last 2-3 years



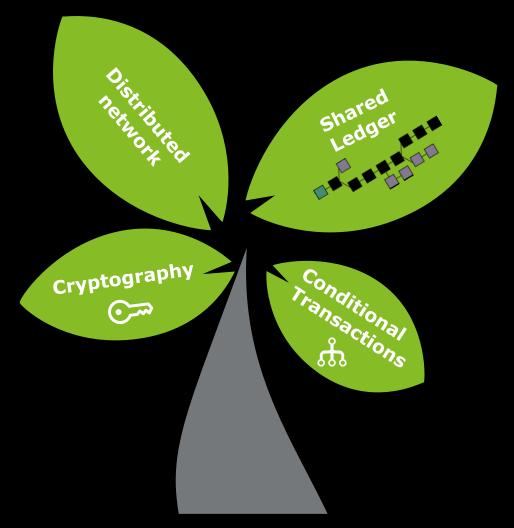
There currently are more than 800 companies in the Blockchain ecosystem 10%+

of Global GDP will be stored on Blockchain platforms by 2025, expects the World Economic Forum

Sources: IBM Blockchain, Eris Industries, Deloitte Tech Trends 2016, Deloitte University Press

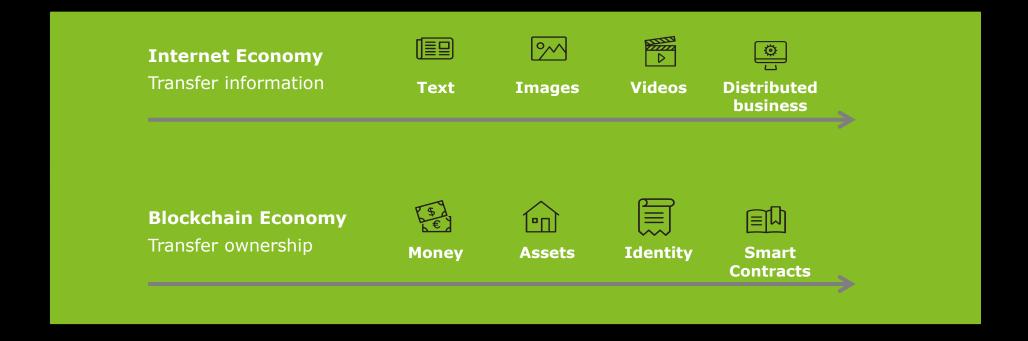
What is a Blockchain?

Innovation which will have a fundamental and far reaching impact on all types of transactions, value storage and transfers

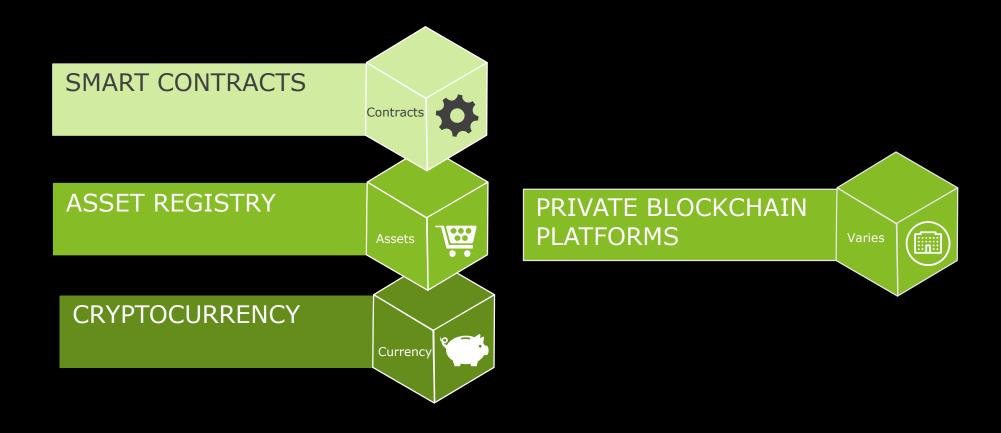


Blockchain and the Internet innovation analogy

Facilitating exchange of value real-time, just like the Internet facilitates exchange of information by decentralizing ownership and removing the middleman



Multiple blockchain platforms for different applications





Blockchain challenges

What do you need to mitigate in a blockchain solution?

Challenges of Blockchain technology

Rules & Regulation

Scalability

User experience

Cybercrime

Confidentiality

Business case



Blockchainpilots Nederlandse overheid Marloes Pomp

- 25+ pilots
- Ministeries
- Uitvoeringsorganisaties

Dutch Blockchain Coalition Ad Kroft

- Dutch Digital Delta
- Publiek-privaat
- Overheden
- Banken
- Bedrijven
- Kennisinstellingen

Focus: Identity



Blockchain challenges Definitions and standards



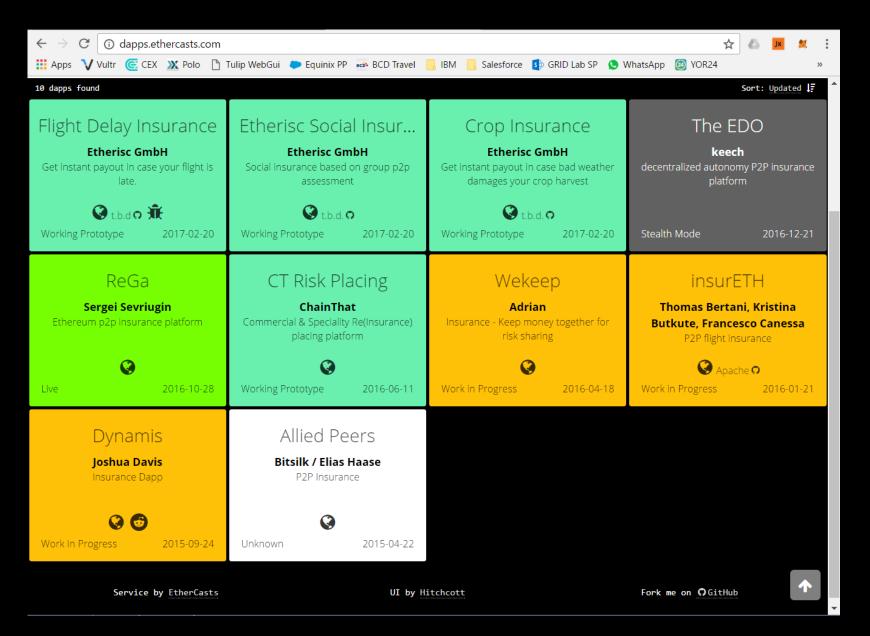
 $^{\circ}$ 2017 Deloitte The Netherlands

Blockchain challenges – rules & regulations

Investments & ICO's



Regulated industries vs. distributed insurance apps



Consortiums – example: B3i Re-insurers launch Blockchain insurance industry initiative

Goals:

- Increase consistency
- Establish common standards
- Assess how blockchain technology can be a viable tool

Using private blockchains to mitigate risks

Insurers and reinsurers launch Blockchain initiative B3i



Global, October 19, 2016

Aegon, Allianz, Munich Re, Swiss Re and Zurich have launched the Blockchain Insurance Industry Initiative B3i.

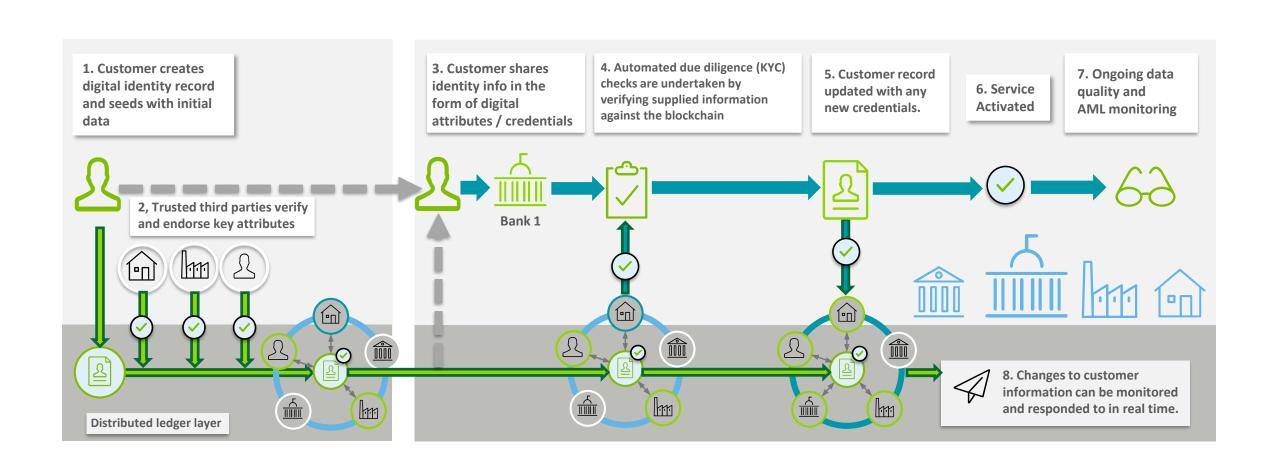
The initiative aims to explore the potential of distributed ledger technologies to better serve clients through faster, more convenient and secure services. If Blockchain technology proves viable, it could well streamline paper work and reconciliations for (re-) insurance contracts and accelerate information and money flows, while greatly improving auditability.



Blockchain offers huge potential for enabling digital contracts and transactions in a secure, transparent and auditable way.

Managing risks: Know Your Customer process through smart identity

Shared access to customer record simplifies customer experience and enables more automation





Blockchain is here to stay

- But what happens when everything becomes code...?
- Who will be our clients when organizations become decentralized?



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