WHAT IS BLOCKCHAIN?

And what can/should we do with it? | Henk-Jan Vink, Oskar van Deventer, Johan Ruiter



'Blockchain belangrijkste technologische innovatie sinds internet'

31 mei 2016

NEN opent debat over ISO-standaard blockchain

2 JUNI 2016 12:24 | ROLF ZAAL | NIEUWS

01-06-2016 📰

Jaap-Henk Hoepman

Door

zaterdag 2 april 2016, 6:00

Krantentitel: 'Bitcoin en blockchain zijn geen wonderolie'

met blockchain'

Blockchain biedt kansen voor waterdichte identiteitscontrole

- Technologie

Nederland ICT leden kunnen zich aanmelden voor blockchain coalitie

19 JANUARI 2016 09:50 | ROLF ZAAL | NIEUWS

Bitcoin en blockchain geen wonderolie

Blockchain's big opportunity for lawyers The Australian Financial Review - 11 uur geleden

2016 Will Be the Year You Realize You Don't Need the Blockchain

Jan 8, 2016 | Alec Liu

Santander combineert blockchain met Apple Pay voor betalings-app

'Overheid kan beter en goedkoper

27 MEI 2016 14:27 | JELLE WIJKSTRA | NIEUWS

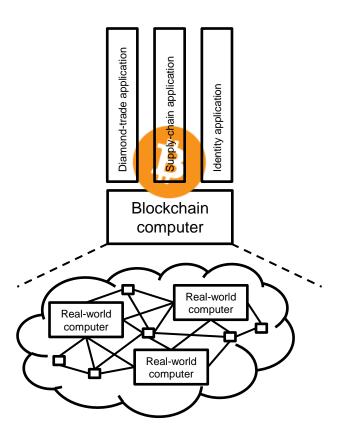


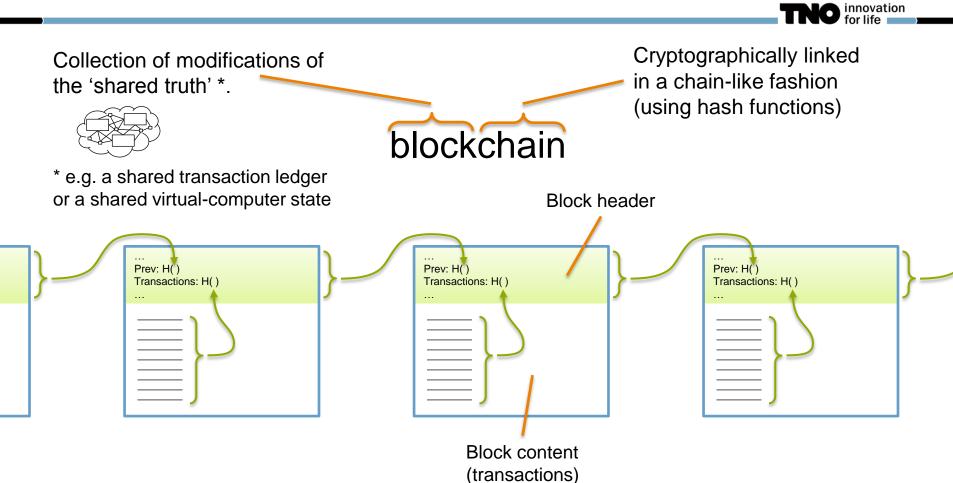


WHAT IS A BLOCKCHAIN?

A group of computers* together forming a super-trustable virtual shared 'computer'.

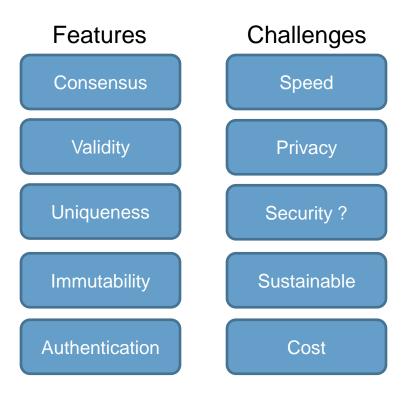
* in bitcoin, these are called "miners"







BLOCKCHAIN FEATURES & CHALLENGES





USE CASE SECTOREN

> INDUSTRY

> HEALTHY LIVING





DEFENSE, SAFETY & SECURITY



VRBANISATION

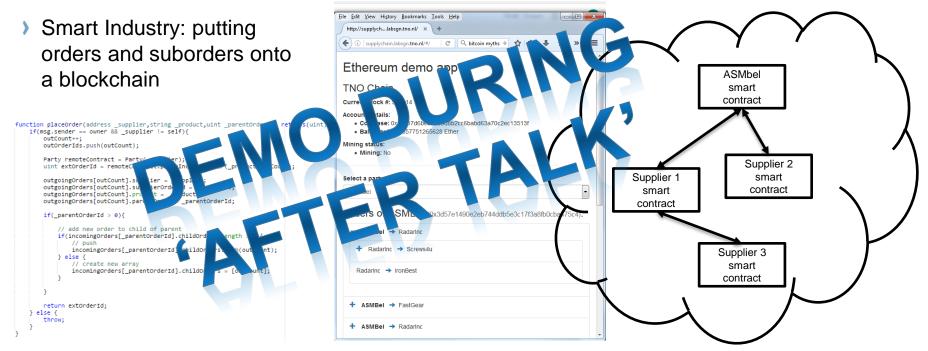






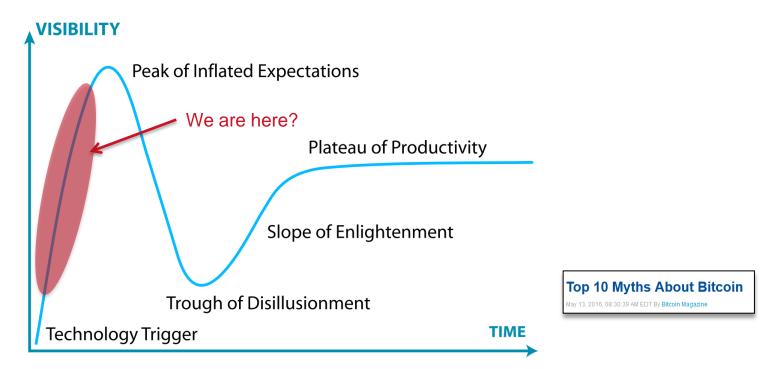


TNO BUILT SUPPLY-CHAIN BLOCKCHAIN DEMO





THE BLOCKCHAIN HYPE CYCLE





TNO CONTRIBUTION







Regulation

Governance

Blockchain

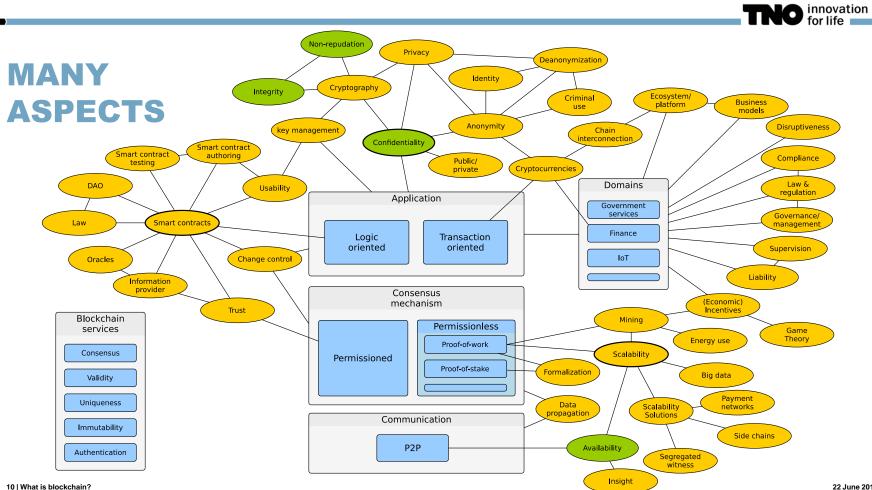
Research Areas

URBANISATION

• DOFENSE, SAFETY & SOCIETY



9 | What is blockchain?



22 June 2016

TNO innovation for life





Applied

research/experimentation

VRBANISATION



ENERGY

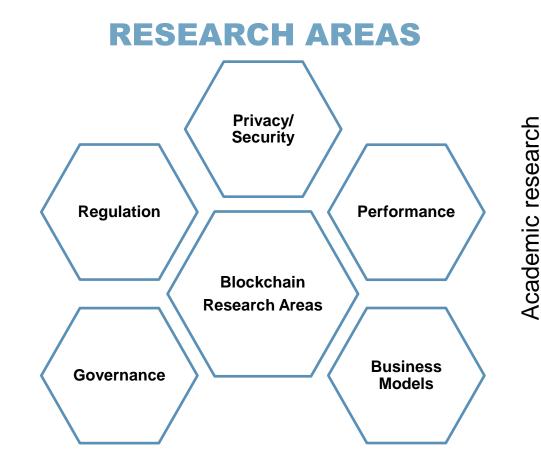


HEALTHY LIVING



DEFENSE, SAFETY & SECURITY

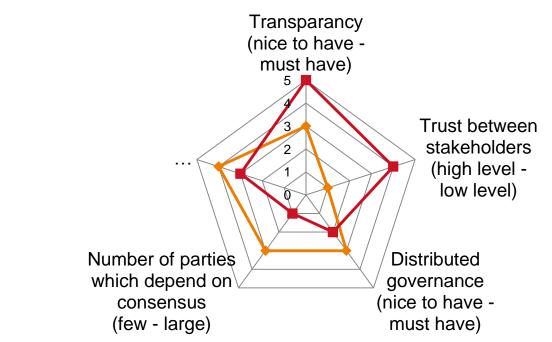








BLOCKCHAIN FIT ANALYSIS (FIRST DRAFT)







o innovation for life



SUMMARY

- Block Chain could be disruptive,.....but when
- Applied- and academic research and experimentation is needed to really understand the technology and (business) potential

