

European Real Estate Society, 3rd-6th Juli 2019, Cergy-Pontoise Cedex, France

Influence of Blockchain Technology & Applications

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Schools of Finance & Accounting, Creative Technology and School of Governance,
Law and Urban Development



Influence of Blockchain Technology & Applications

AGENDA

1. Recent publications Blockchain & Real Estate
2. IDC International Conference 23-24 June 2019, Israël
3. FIBREE Industry Report 1-2 July 2019, Paris
4. Influence of Blockchain Technology & Applications



1. Recent publications Blockchain & Real Estate

Veuger, J. (2017) *A viable real estate economy with disruption and blockchain*.

Veuger, J. (2018), *Trust in a viable real estate economy with disruption and blockchain*. Journal Facilities, subject area: Property Management & Build Environment. The full text of this document has been downloaded 2.000 times since 2018.

Veuger, J. (2018), *A real game changer in real estate: blockchain*. American Real Estate Society (ARES) 2018. 34th ARES Annual Meeting April 10 - 14, 2018.

Veuger, J. (2018) American Real Estate Society (ARES), 2018 ARES Manuscript Prize Competition in category Property/Asset management: *A Real Game Changer in Real Estate: Blockchain*.

Veuger, J. and D. Koeken (2018), *Business Case qklinker: a Digital Housing Corporation in the Netherlands*. Florida: American Real Estate Society (ARES). Annual Meeting April 10-14.

Veuger, J. (2019), *Digitalization Real Estate on American Real Estate Society 2018*. Journal of Business and Economics (JBE). Impact factor 2017: 0.71. USA, NY, Academic Star Publishing. Double blind peer reviewed.

Veuger, J. and A. Lubbers (2019), *A Roadmap for data-driven real estate management in the municipality of Groningen*. Journal of Management Studies. USA, NY, David Publishing Company. Double blind peer reviewed. Impact factor: 5.329.

Veuger, J. (2019), Sole Editor *Blockchain Technology and Applications*. Peer reviewed (370 p.) Nova Science Publishers Inc. New York USA. May 2019. ISBN 978-1-53615-288-3.
<https://novapublishers.com/s>



2. IDC International Conference 23-24 June 2019

A Database Exploring Blockchain and Real Estate

Target Country	Continent	Region
Austria	Europe	Vienna
Austria	Europe	Graz
Brazil	America	Sao Paulo
Croatia	Europe	Zagreb
Georgia	Europe	Tibilisi
Germany	Europe	Berlin
Germany	Europe	Stuttgart
Germany	Europe	Frankfurt
India	Asia / Pacific	Bangalore
Israel	Middle East	Tel Aviv
Italy	Europe	Milano
Netherlands	Europe	Amsterdam/Enschede
Poland	Europe	Warsaw
Slovenia	Europe	Ljubliana
Switzerland	Europe	Zug
Taiwan	Asia / Pacific	Taipeh
The Netherlands	Europe	Amsterdam
United Kingdom	Europe	London
USA	America	New York
USA	America	North America
USA	America	Seattle
USA	America	Chicago
USA	America	New York
USA	America	Silicon Valley



A Database Exploring Blockchain and Real Estate

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2. IDC International Conference 23-24 June 2019

A Database Exploring Blockchain and Real Estate

Conclusion 8

A question that remains is to continue to look at existing markets or to disruptive innovation newcomers in the blockchain market. The question is whether Blockchain is only a technological disruption or a real game changer and whether the entire value chain of the market is going to embrace this. Confidence in Blockchain is therefore a precondition for guiding that disruption where (new) companies use new technology to offer cheaper and superior alternatives in the market. But the big question is how quickly Blockchain will develop as well as all its applications.

Overall conclusion

The way in which blockchain and real estate will develop in the coming years are not the only obvious. The true meaning of the blockchain technology for real estate still needs to be investigated. I am still curious to understand and clarify the value of Blockchain for real estate processes. Doubt continues to exist and is therefore a feeding ground for further research, because we do not know what we have not seen.



3. FIBREE Industry Report 1-2 July 2019

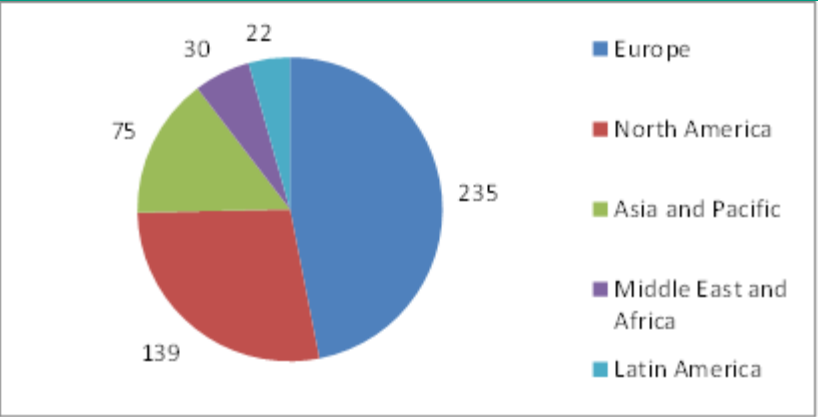


Figure 2: Geographical distribution of used product database for research

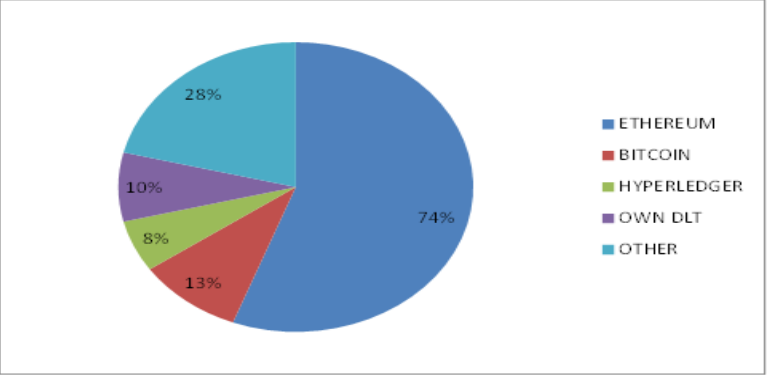


Figure 6: Used blockchain platforms in FIBREE Survey

4. Influence of Blockchain Technology & Applications

Blockchain could have a huge impact on the value chain in our society. Examples are efficiency, transparency, ownership, value (transfer), automation, and service provision. When we want to understand the world of blockchain, we need to understand the innovation of the currency Bitcoin in 2009 that is built on underlying technology called Blockchain. Bitcoin is a combination of four individual elements: cryptography, a peer-to-peer network, an open source protocol, and a shared ledger. This makes it a phenomenon that people are enthusiastic about. The internet already makes it possible to transfer information quickly and cheaply without paper and without intermediaries being involved. Blockchain gives the same benefits for transferring values. Internet is used to transfer words and images, blockchain for transactions. Blockchain is a combination of two elements: a shared and distributed ledger with synchronized data spread over multiple sites and countries and/or institutions and a cryptography: digital token with a monetary value. This book provides an overview of the latest developments on blockchain technology and its applications with the following themes and with the assistance of experts from Austria, Brazil, China, Croatia, Georgia, Germany, Italy, Netherlands, Slovenia, Spain, and Switzerland. A question that remains is to continue to look at existing markets or to disruptive innovation newcomers in the blockchain market. The question is whether blockchain is only a technological disruption or a real game changer and whether the entire value chain of the market is going to embrace this. Confidence in blockchain is therefore a precondition for guiding that disruption where (new) companies use new technology to offer cheaper and superior alternatives in the market. But the big question is how quickly blockchain will develop, as well as all of its applications. Stephen Hawking writes in his book Brief Answers to the Big Questions about how we shape the future, "In the same way that the internet, our mobile phones, medical imaging, satellite navigation and social network would have been incomprehensible to the society of only a few generations ago, our future world beginning to conceive information on its own will not take us there, but intelligent and creative use will" (Hawking 2018: 207).


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Blockchain Technology and Applications



Jan Veuger
Editor

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Upcoming
Blockchain Technology and Applications II
release date early 2020

Blockchain Technology & Applications

Jan Veuger (editor)

Paper:

Influence of Blockchain
Technology &
Applications (ERES
2019)

- (1) **Blockchain and the Agenda 2030** *by Danielle Mendes Thame Denny,*
- (2) **Application of Blockchain Technology in the Field of E-Government Services** *by Jiarui Zhang,*
- (3) **Can the Cybersecurity of Smart Building be Improved Using Blockchain Technology?** *by Ben van Lier,*
- (4) **Influence of Blockchain Applications and Digitalization on real estate** *by Jan Veuger,*
- (5) **Blockchain: Technology Looking For a Problem in Real Estate?** *by Jo Bronckers and Jan Veuger et al.,*
- (6) **Start up 'Get a Brick' in Real Estate** *by Wendel Hulsebos and Jan Veuger,*
- (7) **Blockchain: An Efficiency Solution For Housing Associations?** *by Michel Vonk,*
- (8) **Blockchain Applications in Support of the Energy Transition** *by Mieke Oostra and Jelle Rijpma, and*
- (9) **Many Keys of Blockchain for Real Estate** *by Esther Dekker.*

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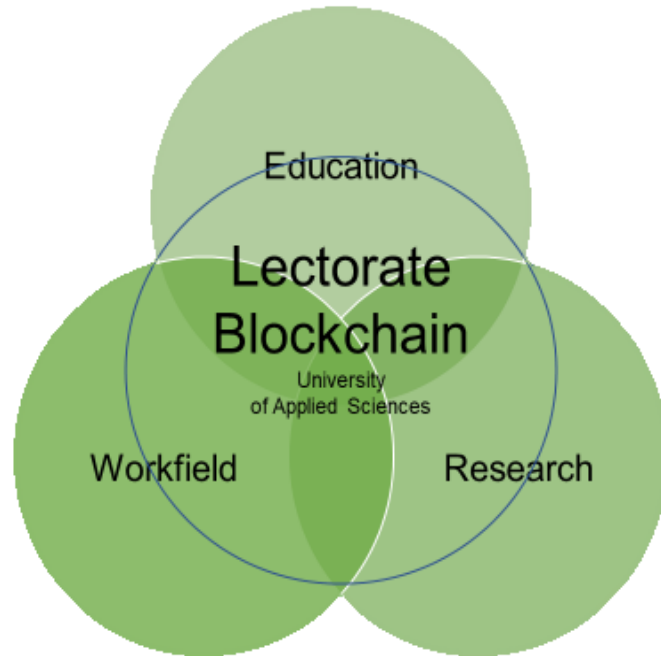
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Saxion Blockchain Institute



Four research lines:

Blockchain for Disruption

Blockchain for Acceleration

Blockchain for Finance

Blockchain for Good

<https://www.saxion.nl/onderzoek/meer-onderzoek/blockchain>



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