

UPCHAIN



# Welche Anwendungsfälle von Blockchain sind aus Unternehmenssicht interessant?

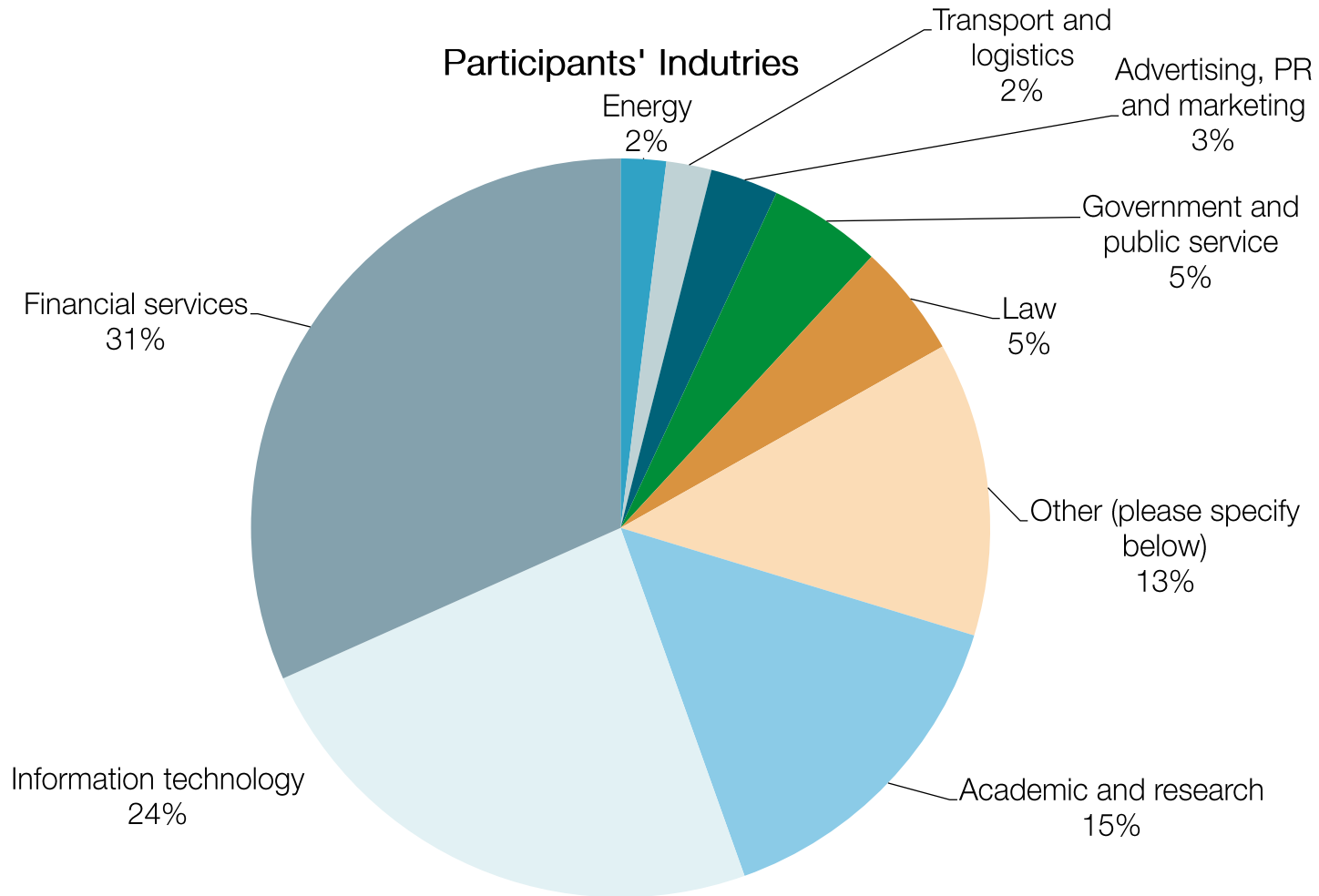
Ergebnisse des 1. Blockchain Monitors

Jannis Holthusen  
Geschäftsführer Upchain GmbH  
16. Juni 2017

# Teilnehmer

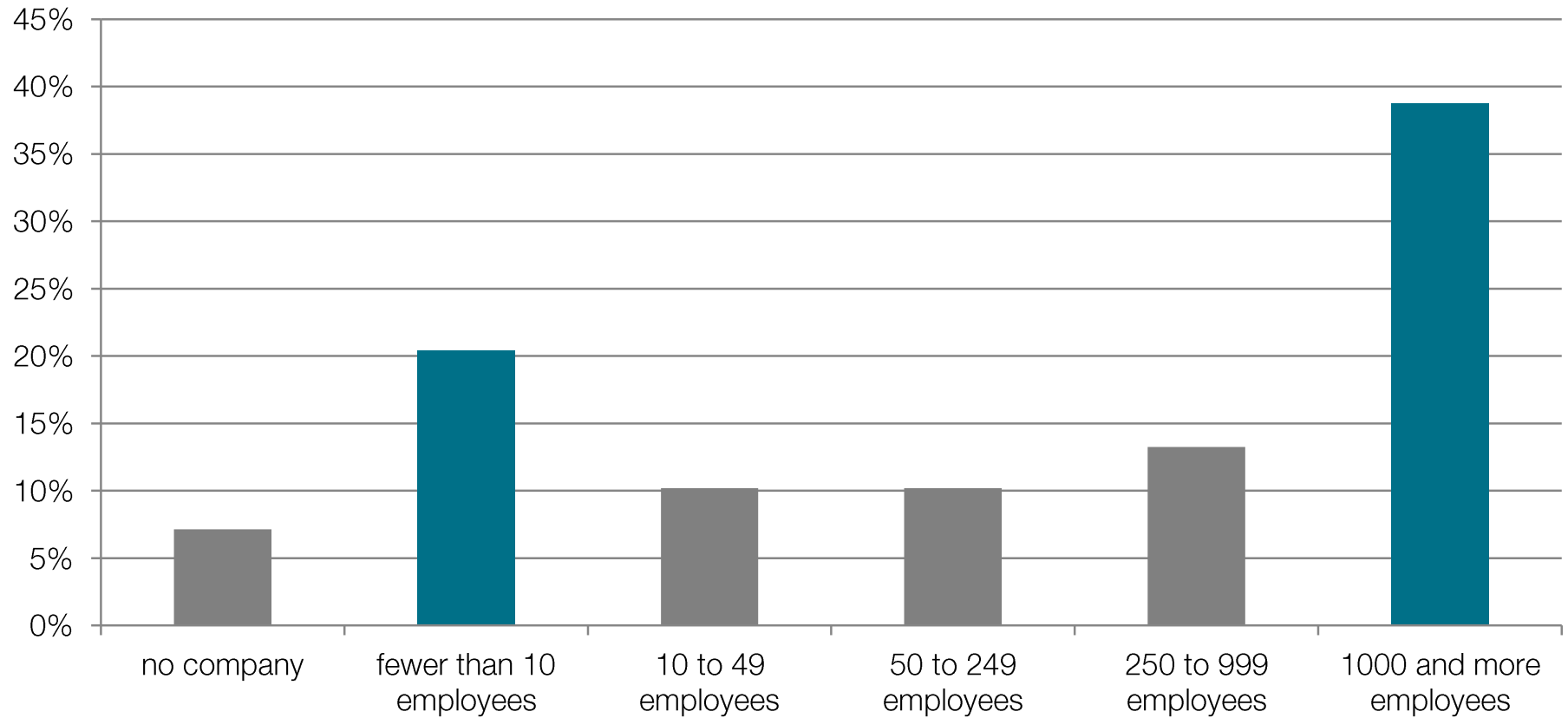
# Mehrheit der 105 Teilnehmer aus Financial Services und aus der IT-Branche

Anzahl von ...

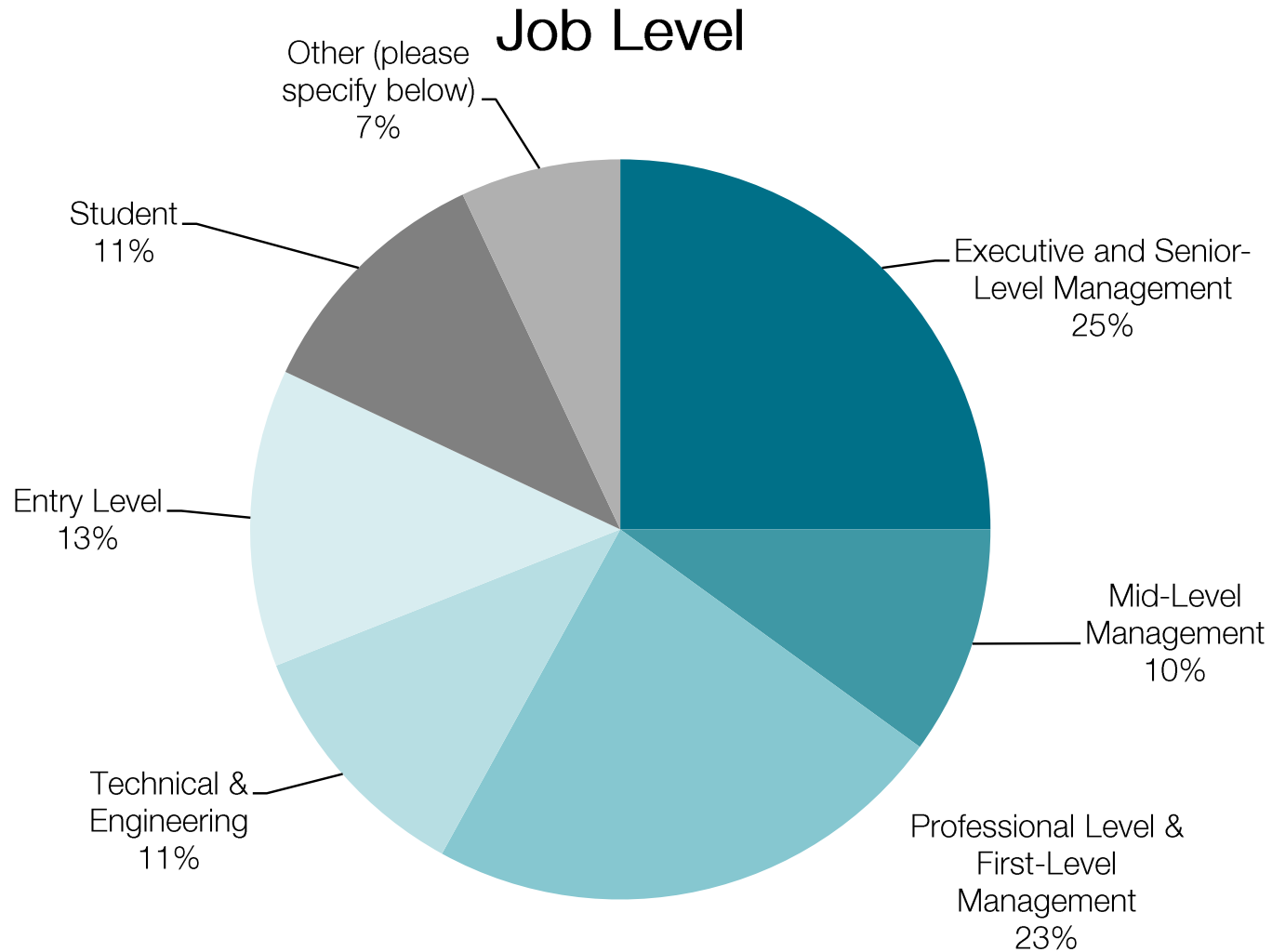


# Ein Großteil der Antworten von Großunternehmen

## Participants by company size



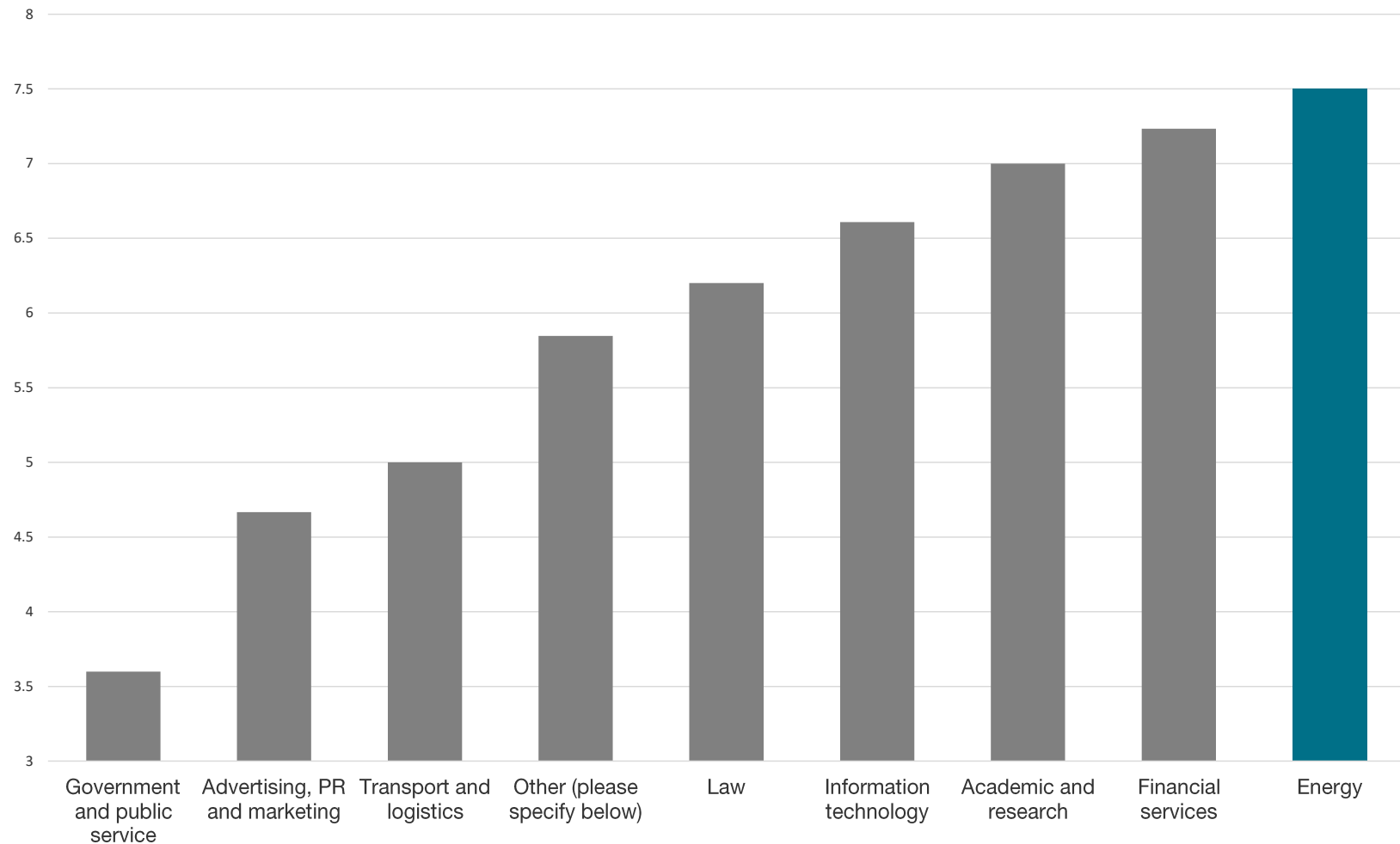
# Ein Viertel der Teilnehmer in Senior Management-Positionen



Ist Blockchain wichtig? Und wenn ja, warum?

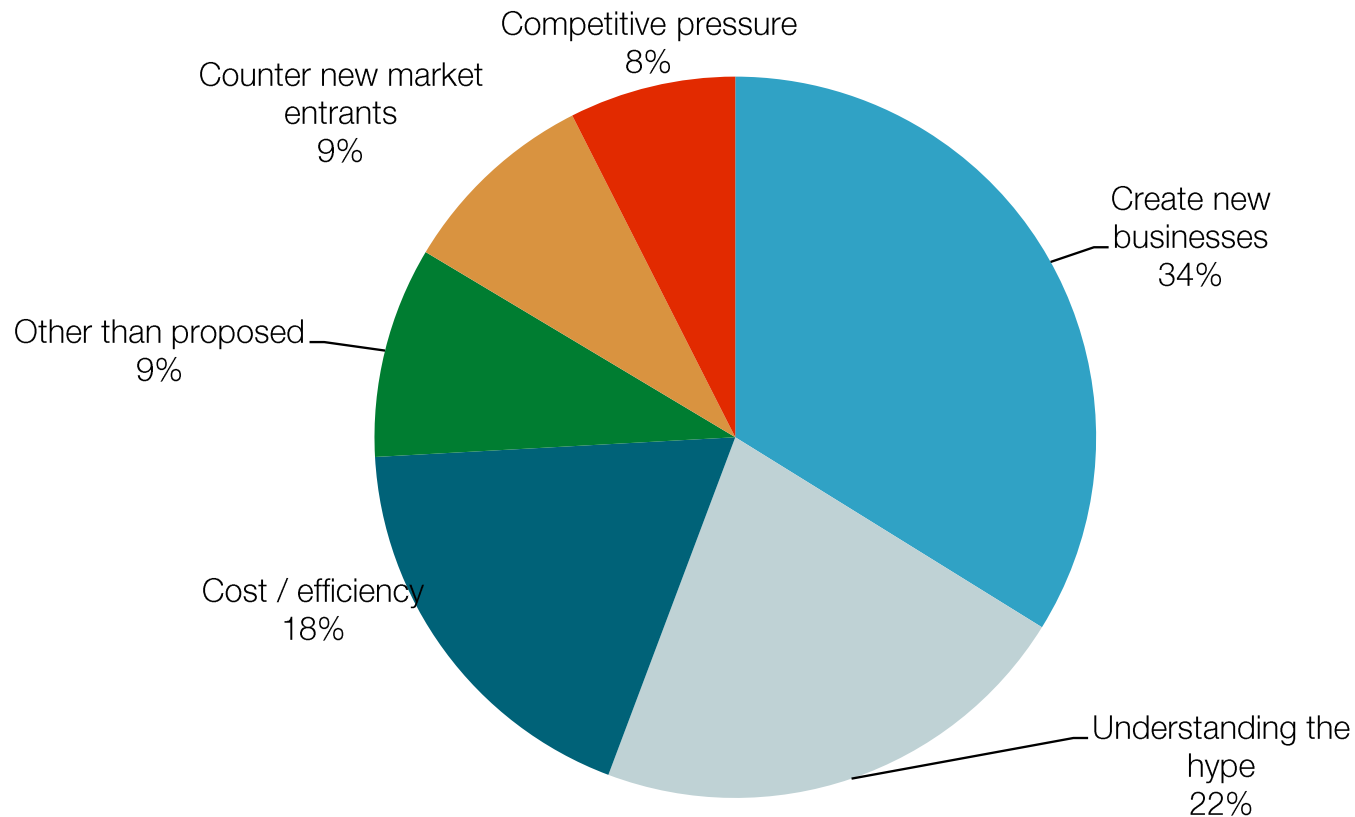
# Blockchain ist wichtig!

Perceived Average Importance of Blockchain Technology for Specific Industries



# Hoffnung auf neues Geschäft als wesentlicher Treiber für Blockchainprojekte

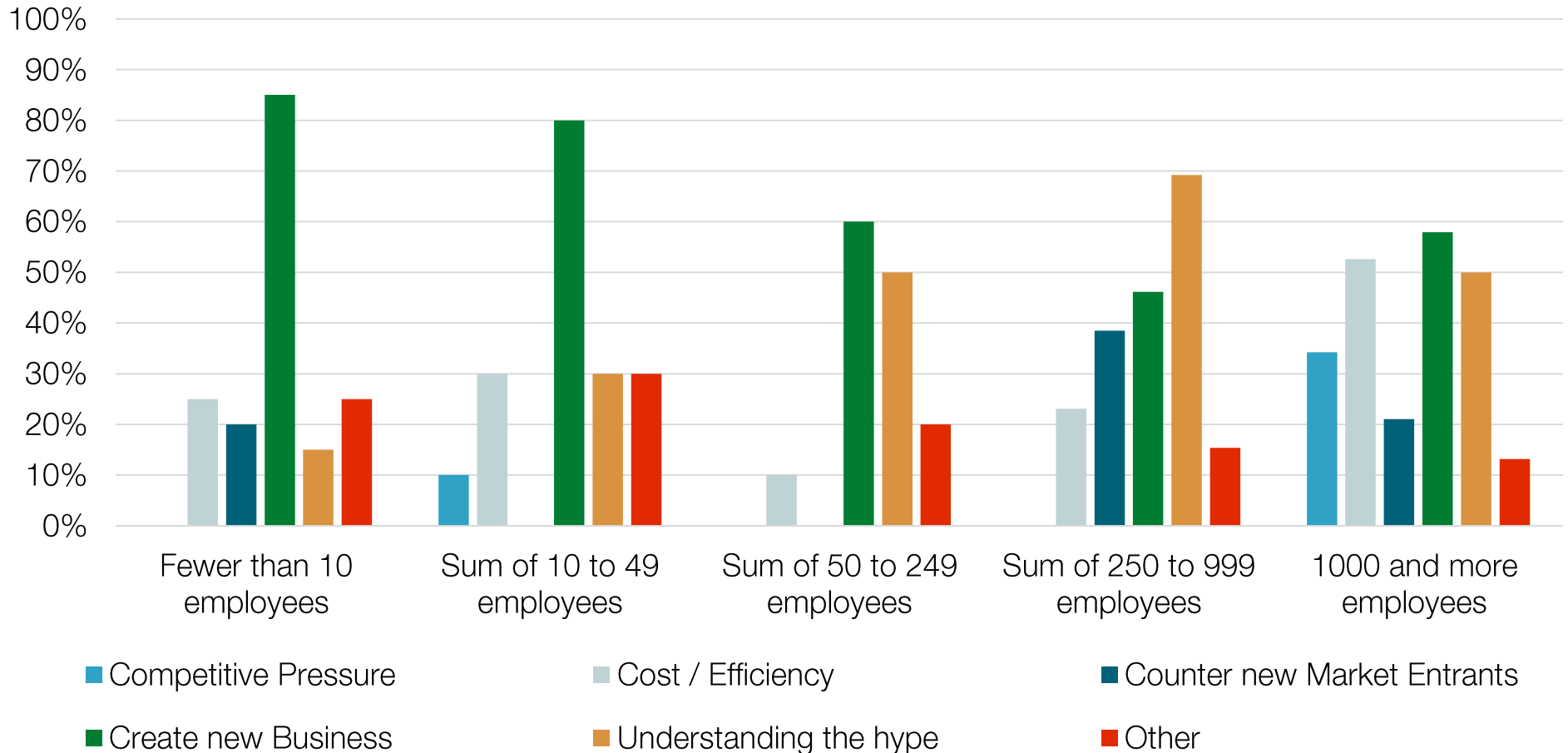
## What drives your Blockchain Journey





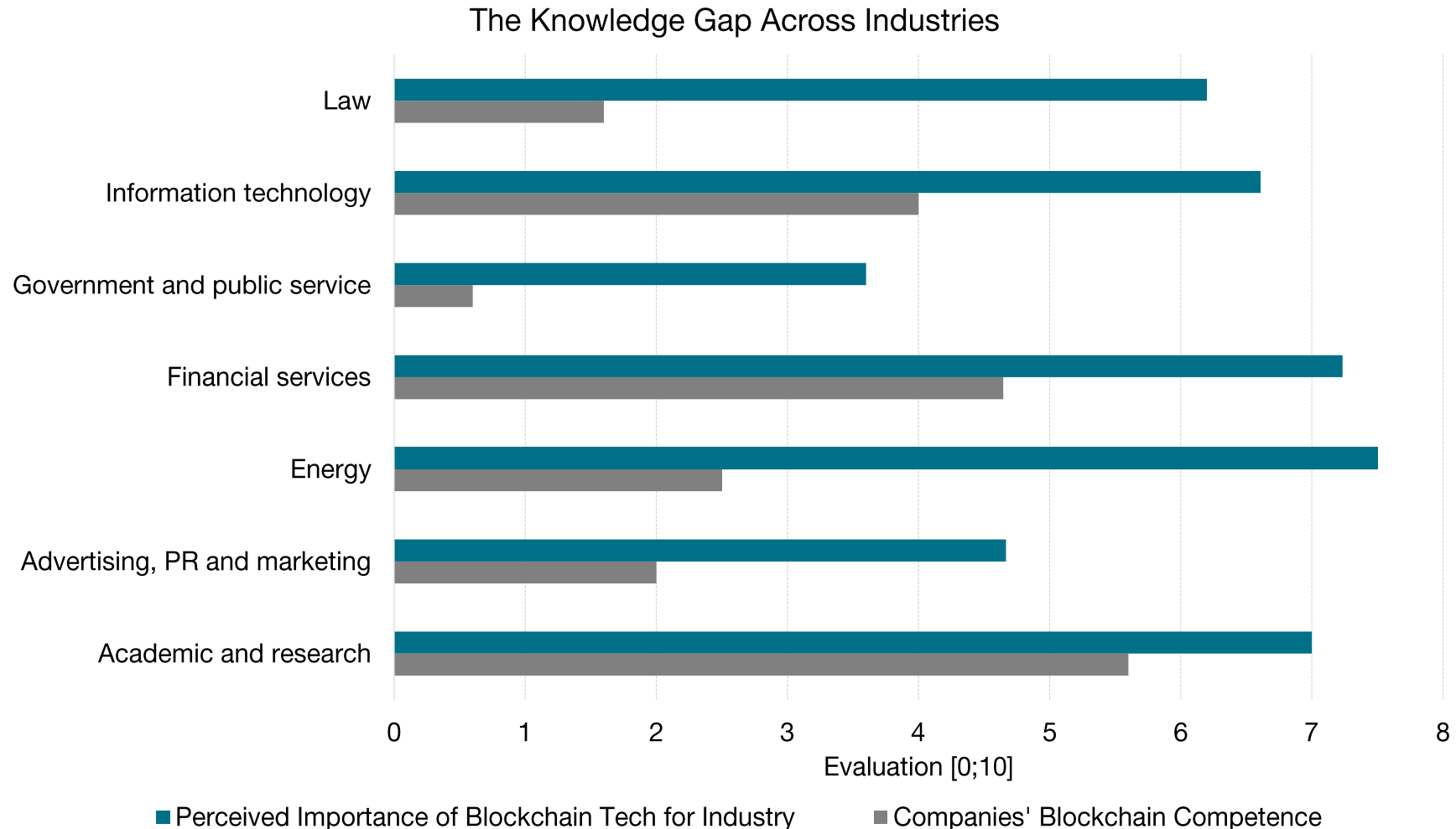
# Große Unternehmen nähern sich Blockchain ganzheitlich, kleinere sehen vor allem Chancen

What drives your blockchain journey?



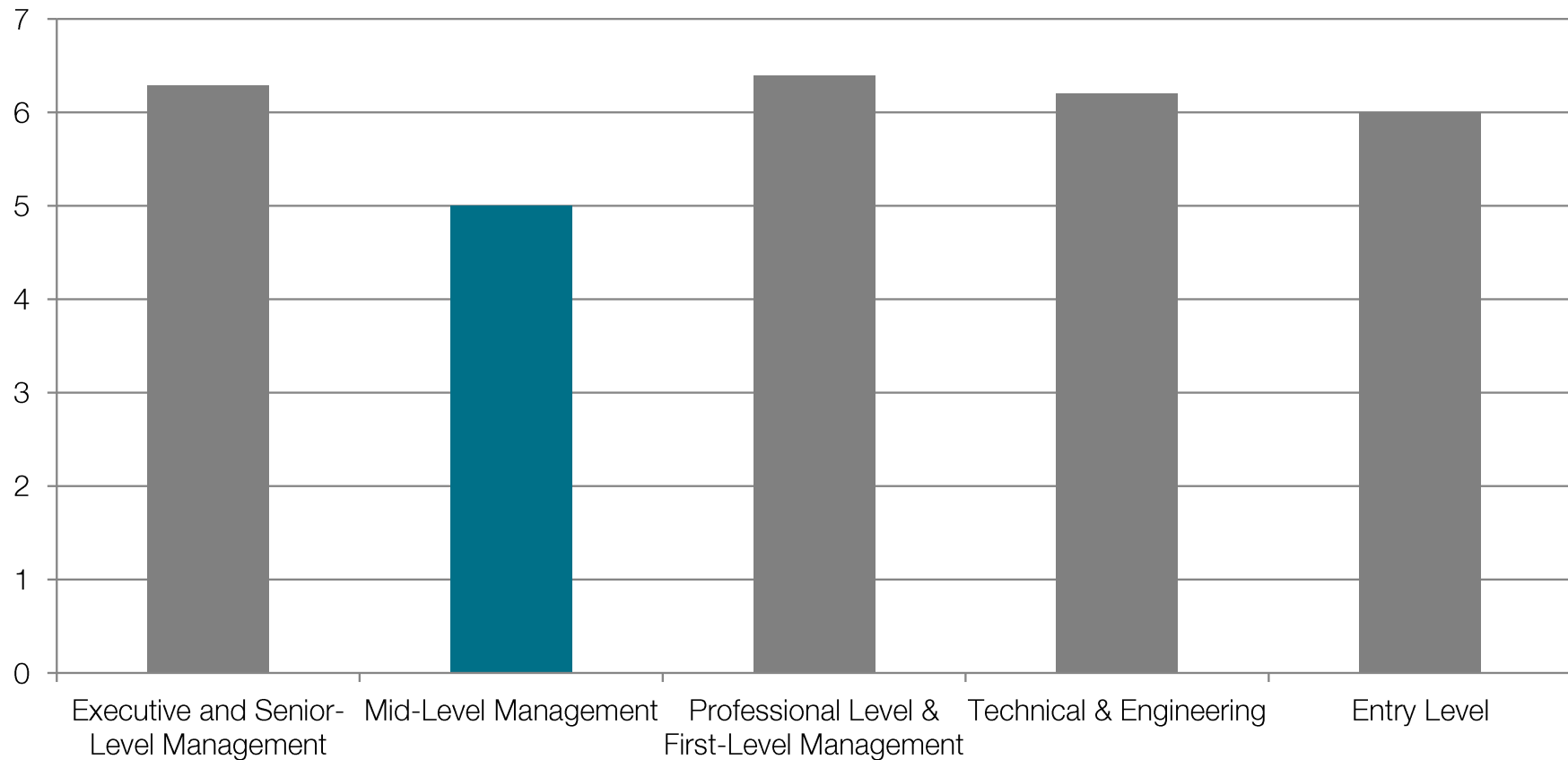
# Knowledge Gap

# Knowledge Gap 1: Das Blockchainwissen steht noch nicht im Einklang mit der Wichtigkeit von Blockchain



# Knowledge Gap 2: MidLevel Management weicht bei der selbst-vergebenen Blockchain-Kompetenz ab

## Job Level and self-assigned Competence

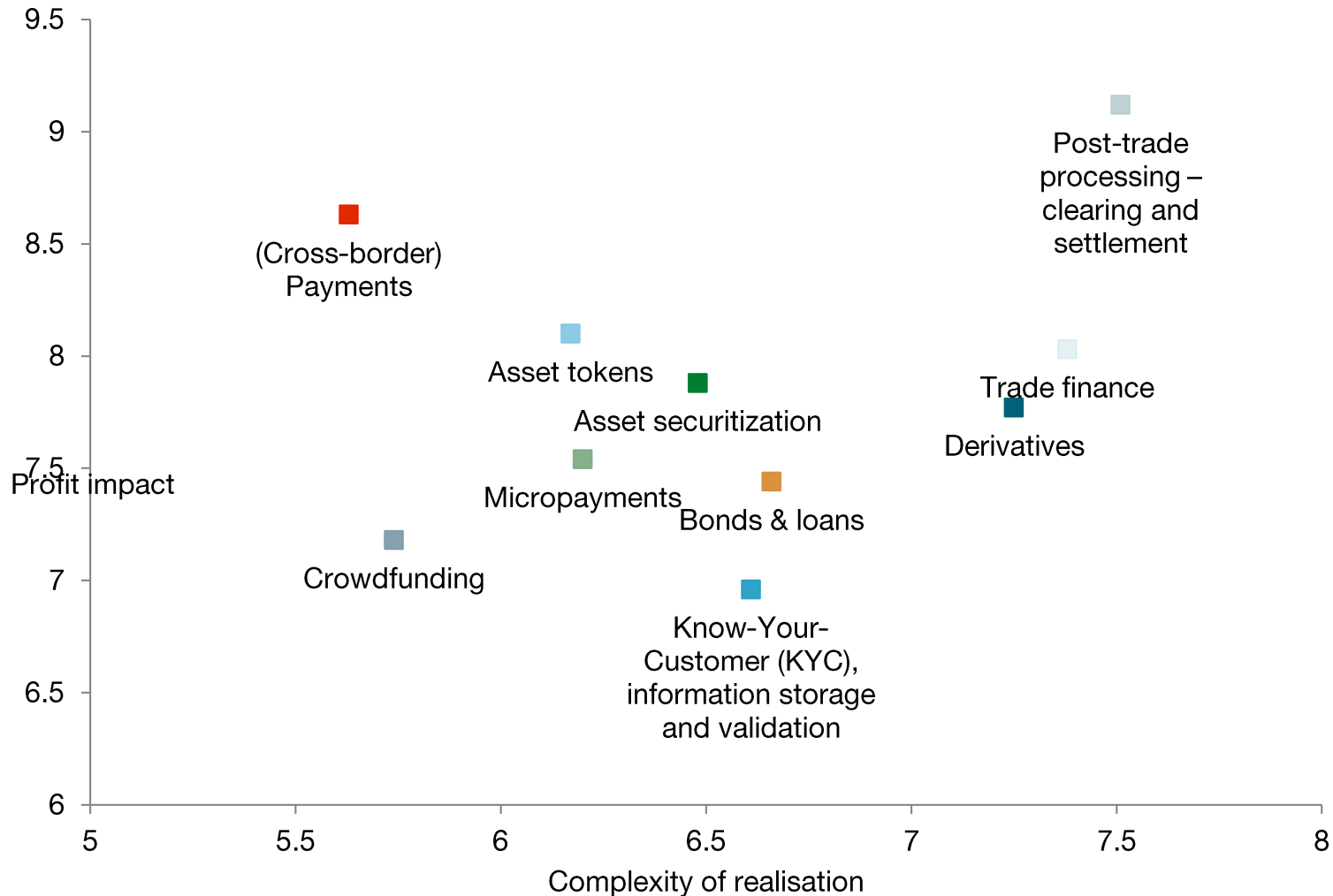


# Use Cases und Rankings

# Use Cases

- 1. Know-Your-Customer (KYC), information storage and validation**  
Information is shared and validated via the blockchain.
- 2. Post-trade processing – clearing and settlement**  
Clearing and settlement processes are replaced via blockchain. The safe transfer of assets via the blockchains makes the processes of clearing and settlement obsolete and therefore enables cost saving and faster processing.
- 3. Derivatives**  
Automated blockchain-based derivatives are generated via smart contracts. Processes can be automated and secondary markets can be implemented.
- 4. Asset securitization**  
The ownership structure and transaction history of assets can be displayed via the blockchain.
- 5. Bonds & loans**  
Blockchain-based bonds and loans can be administered via the blockchain. Blockchain-based secondary markets are enabled.
- 6. (Cross-border) Payments**  
Payments can be processed close to real-time with low transaction costs.
- 7. Asset tokens**  
Any form of value can be represented and transferred via a blockchain-token.
- 8. Trade finance**  
Processes like the Letter of Credit, the Bill of Lading or guarantees are automated and made cost efficient via the use of blockchain and smart contracts.
- 9. Crowdfunding**  
Entities are able to gain access to financing as they sell blockchain-tokens that resemble some kind of value or equity.
- 10. Micropayments**  
Blockchain-based payments enable micro-transactions, which represent the foundation for various new business models.

# Übersicht der Use-Cases nach erwartetem Profit-Impact und Komplexität in der Umsetzung



# Use-Case Rankings

Rank	Experts overweight “Which use cases should be implemented according to those who are most knowledgeable”	Senior overweight “What will be implemented according to those who have strong execution power”	
1	(Cross-border) Payments	Post-trade processing – clearing and settlement	↑4
2	Micropayments	(Cross-border) Payments	↓1
3	Asset securitization	Asset securitization	→
4	Asset tokens	Know-Your-Customer (KYC), information storage and validation	↑6
5	Post-trade processing – clearing and settlement	Derivatives	↑4
6	Crowdfunding	Asset tokens	↓2
7	Bonds & loans	Trade finance	↑1
8	Trade finance	Micropayments	↓6
9	Derivatives	Bonds & loans	↓2
10	Know-Your-Customer (KYC), information storage and validation	Crowdfunding	↓4



Vielen Dank.

**Blockchain-Monitor.com**

Jannis Holthusen

Jannis.Holthusen@upchain.io

+49 173 9159584