

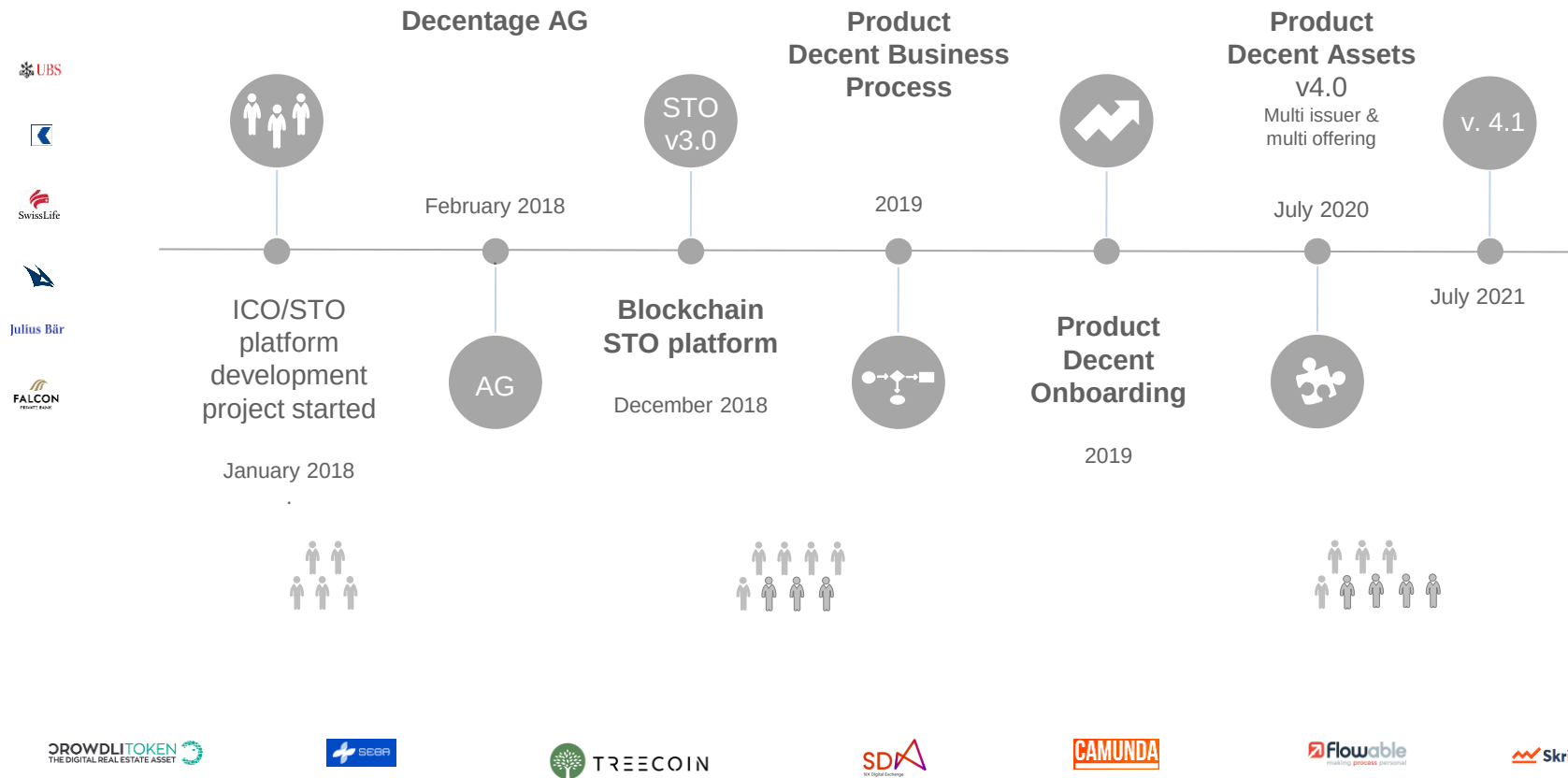


DECENTRALIZE YOUR BUSINESS DECENTAGE SERVICES

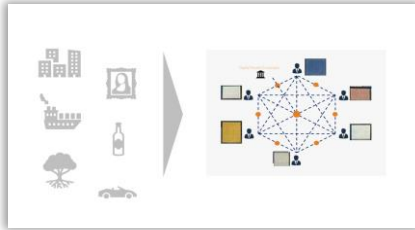
EMPOWERING YOUR GROWTH

DIGITAL ASSETS
DIGITAL ONBOARDING
DIGITAL BUSINESS PROCESS FRAMEWORK

DecentAge AG
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Albisriederstrasse 199
8047 Zurich Switzerland
pedro.cuadra@decentage.com
November 2020



Decent Assets – Asset Tokenization / Fund Raising Platform



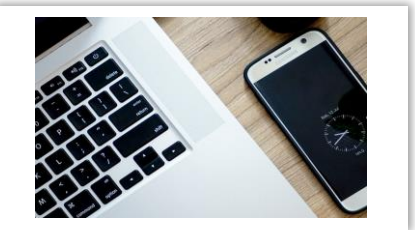
- **Convert all types of assets** into “**digital assets**” – tokens
- Implement completely **new business models** (financing, investments, securitization, rights, certification, etc.)
- **Ensure liquidity** by trading and transferring tokens
- **Onboard investor in line with L&C (DACHLI)**
Highest level of automation

Decent Onboarding – Client Onboarding (individuals, corporates)

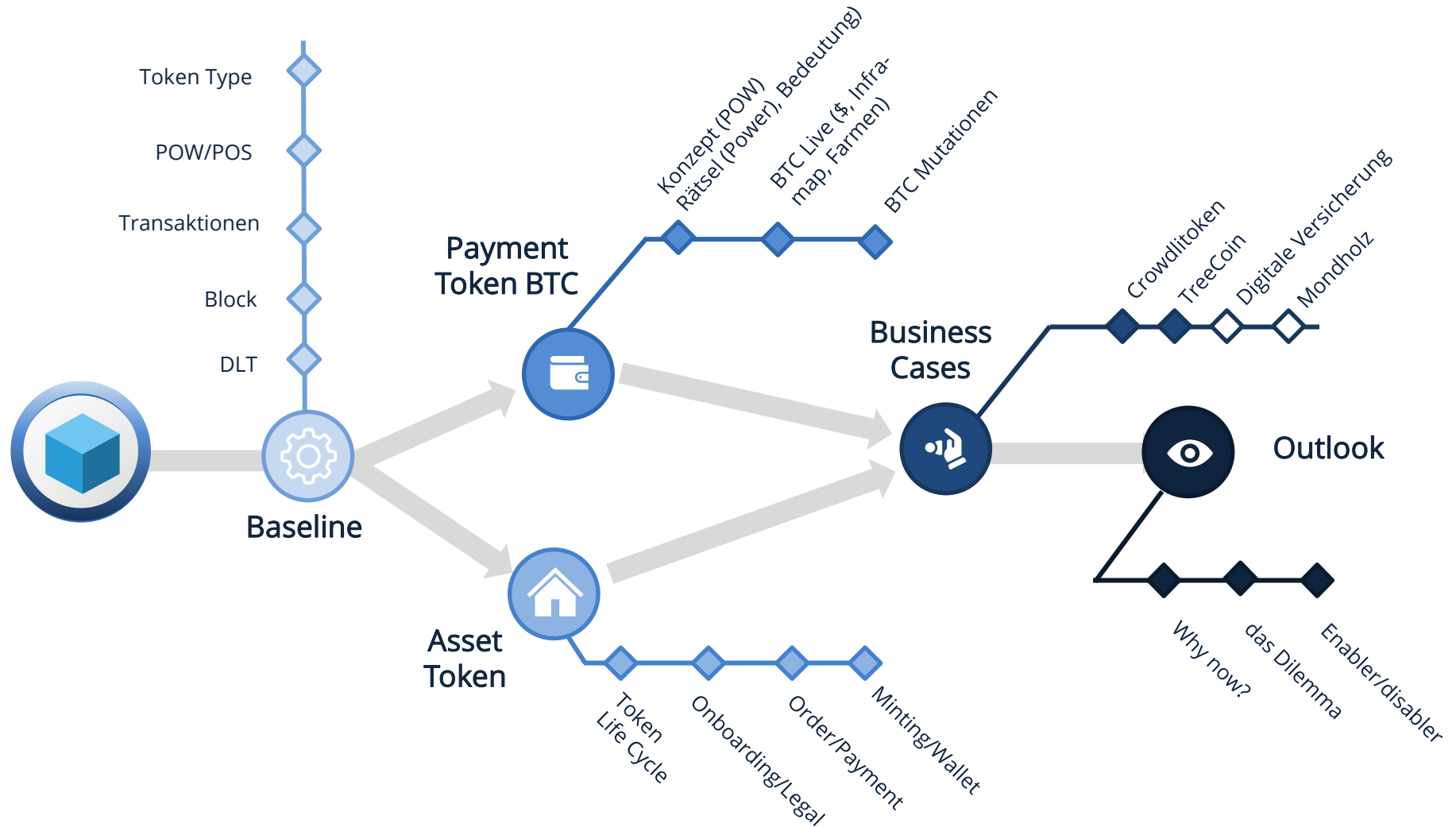


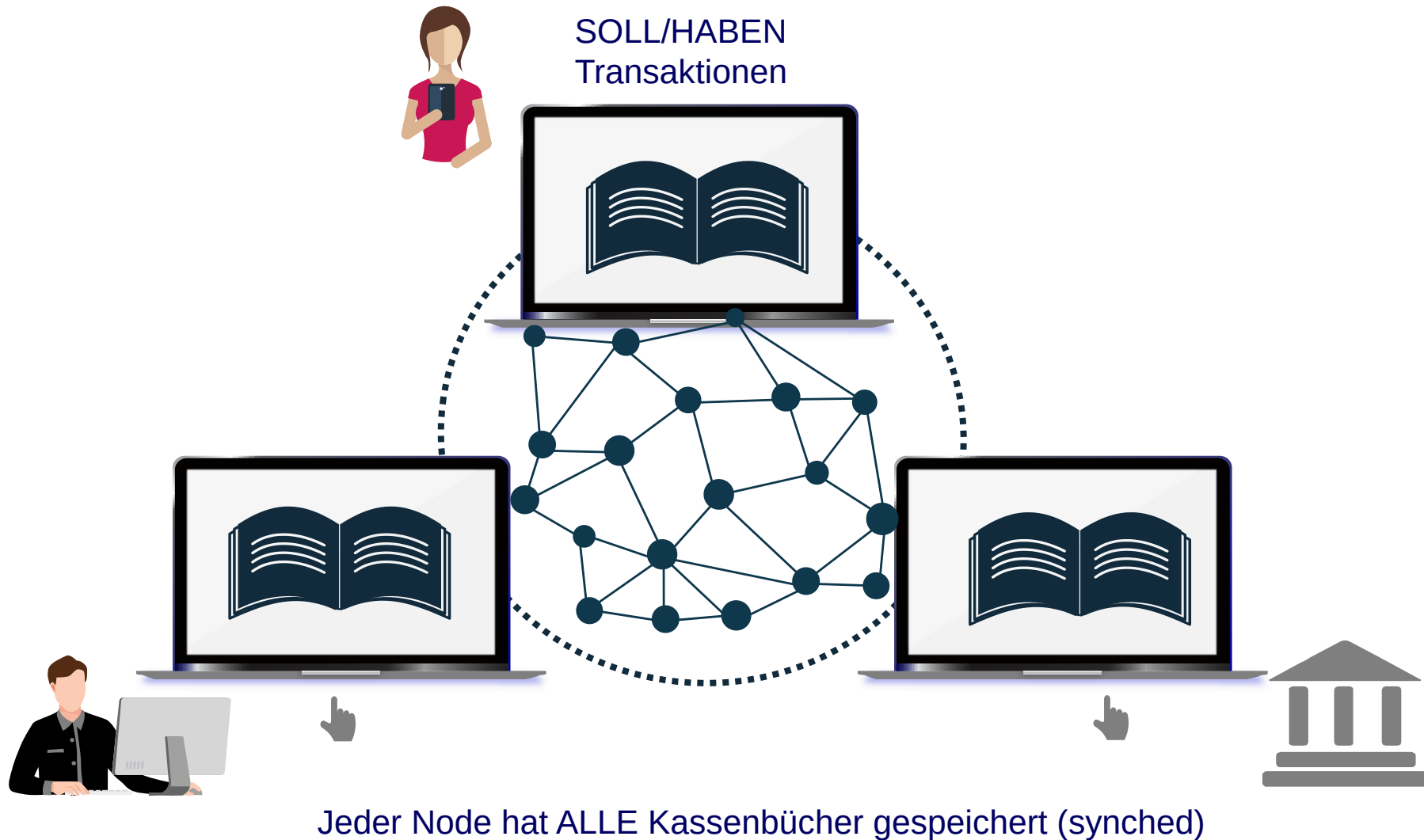
- Win **new customers** - make run an **easy onboarding process** and establish a business relation quickly at any time
- Use our experience, reduce time for delivery and costs by using **Decentage products available – “from the shelf”**
- Archive the **highest possible degree of automation**
- Make sure **business critical data is always up to date** (self service)
- **Customize** our **solution** to reflect your values and corporate design

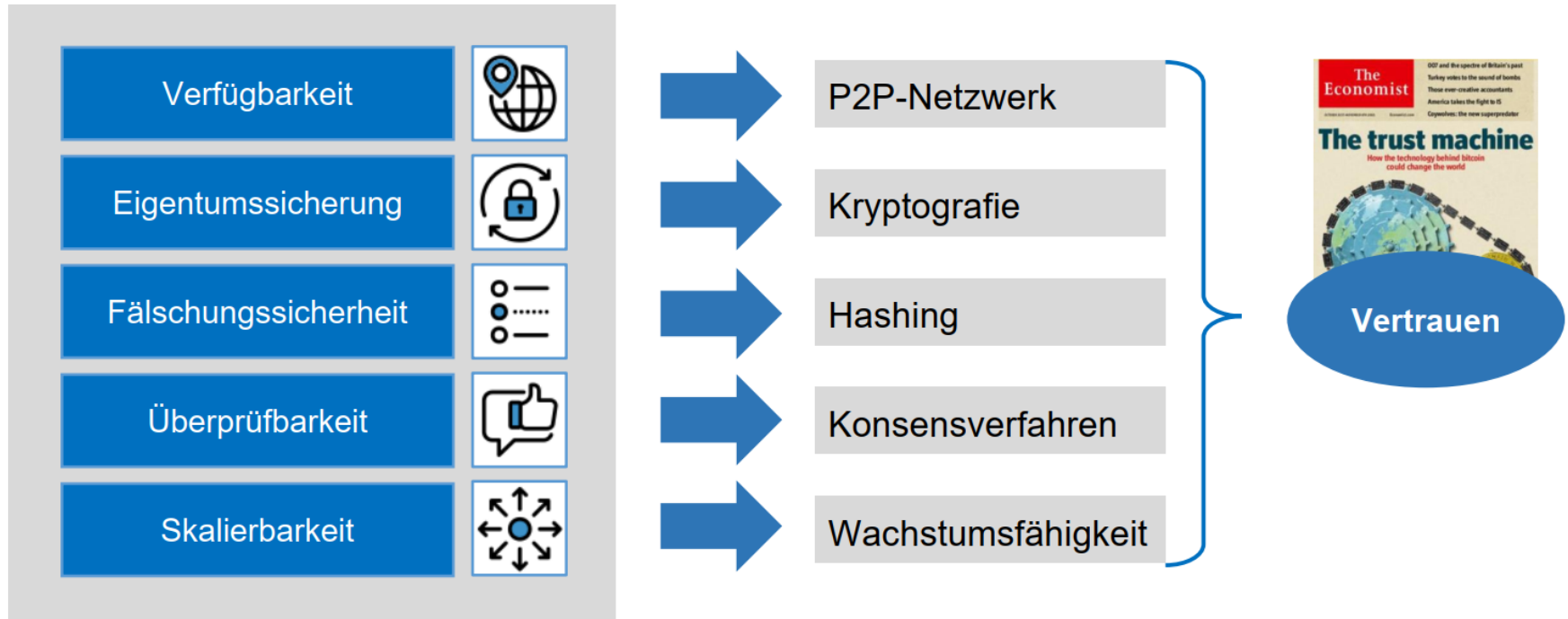
Decent Business Process – Business Process Management



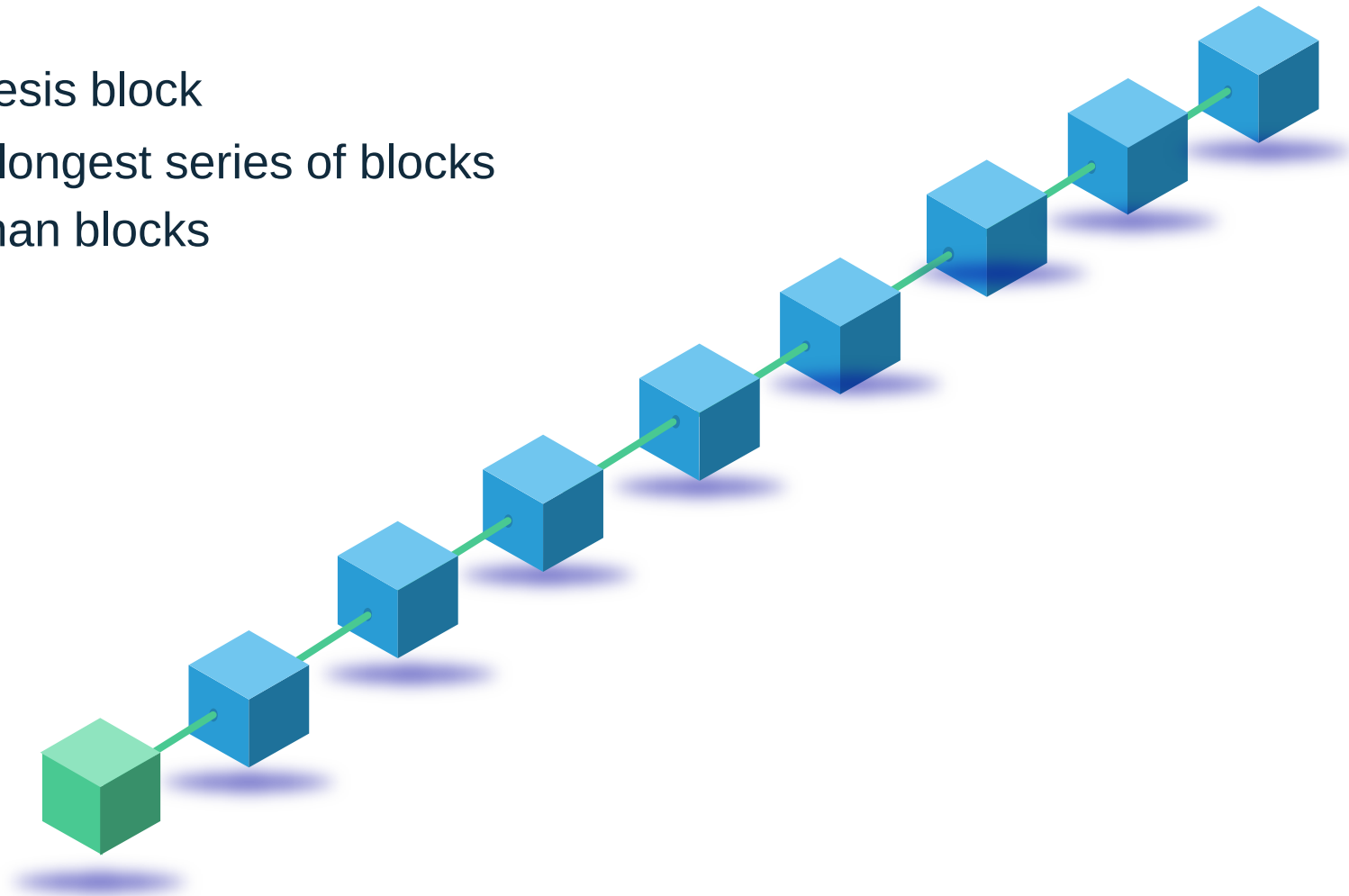
- The extraordinary **customer experience** based on digitized processes **across all channels**
- Seamless digitized processes “**front to back**”
- Ensure **process digitization** is **successful** and *very well grounded* in your company
- **Configure** your business processes **on your own**
- Deliver solutions in a **short time (low entry level)** - use the starting point to **scale up**

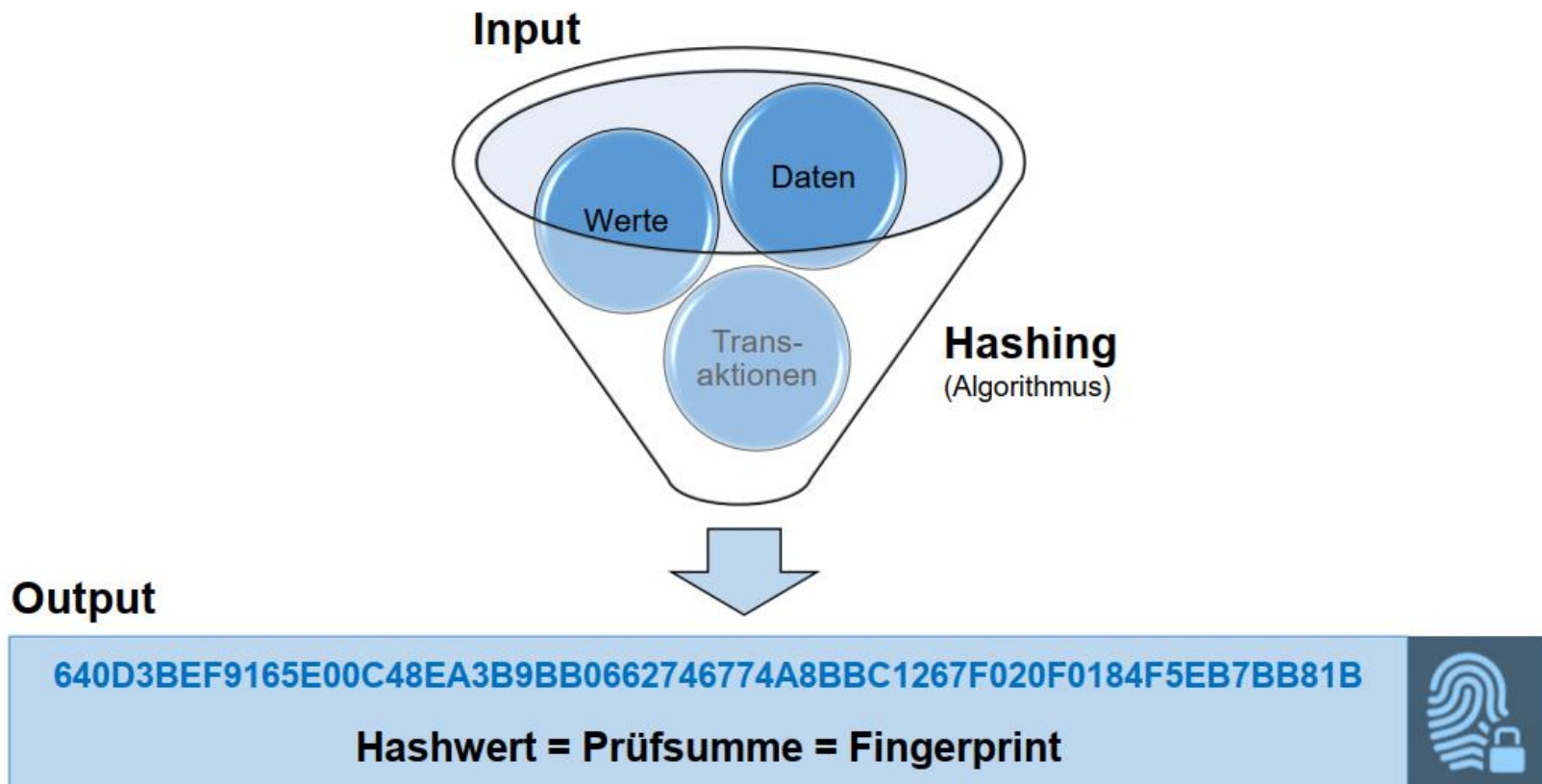






-  Genesis block
-  The longest series of blocks
-  Orphan blocks

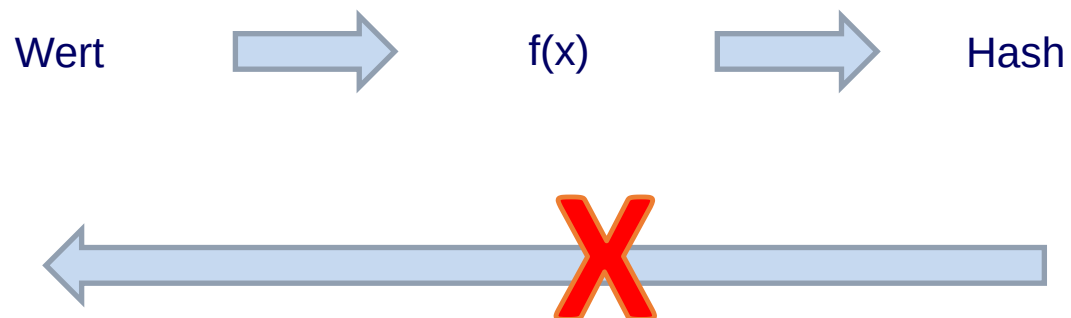


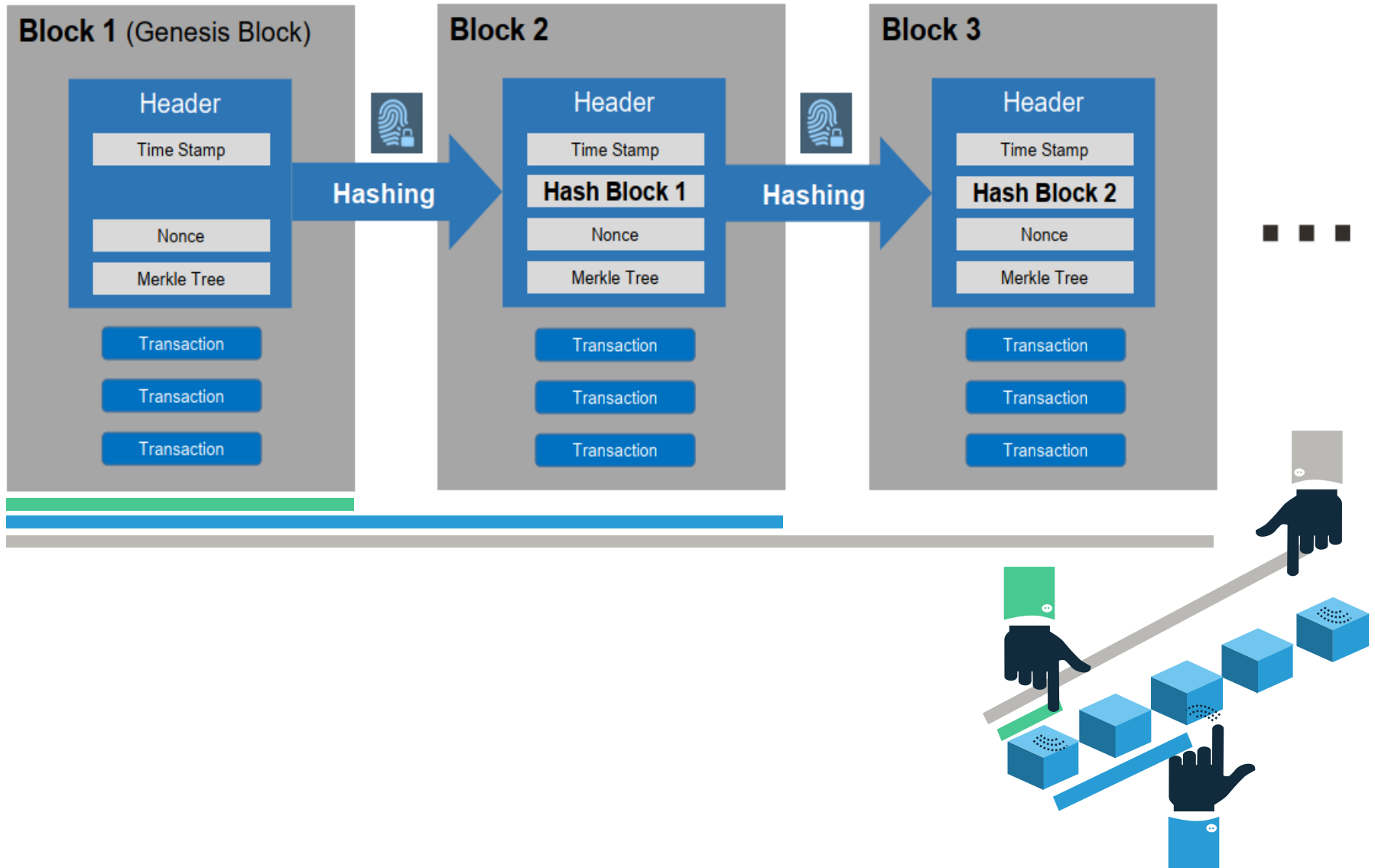


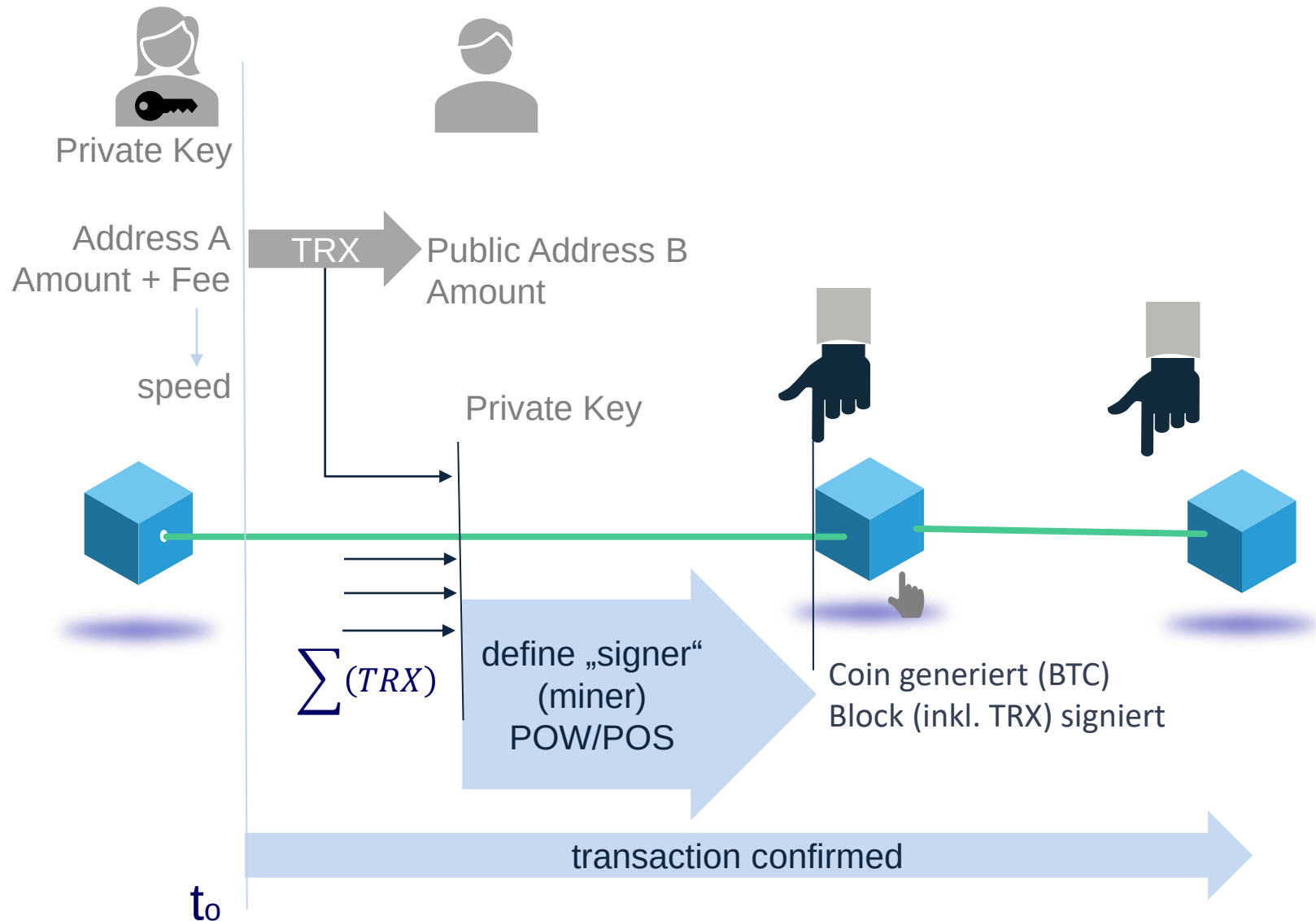
SHA256 Hash

Data:

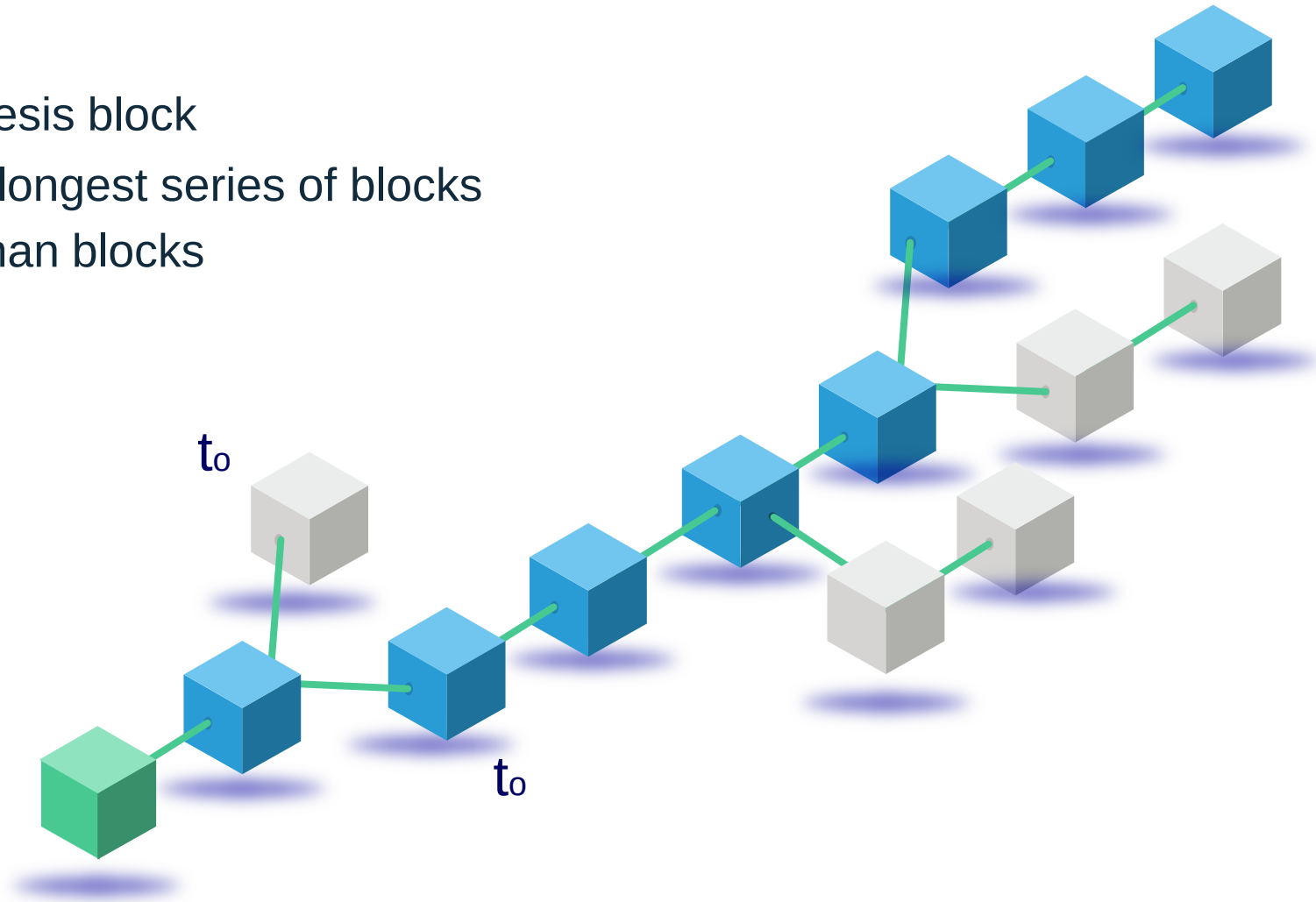
Hash:



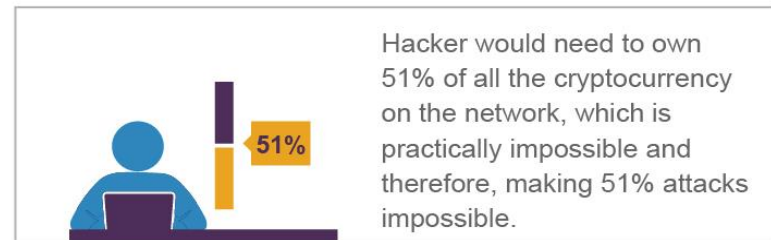
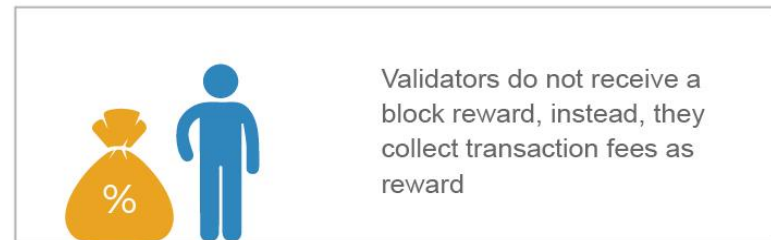
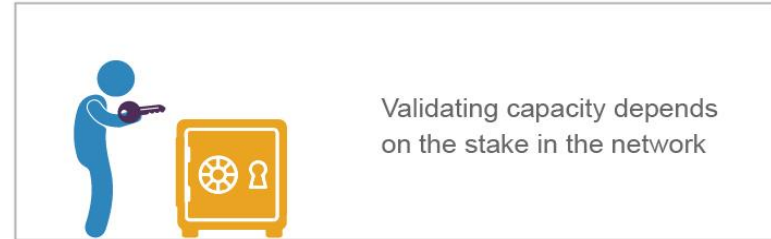




-  Genesis block
-  The longest series of blocks
-  Orphan blocks



Proof of Work VS Proof of Stake



Beispiele
Bitcoin BTC
Ethereum ETH

Beispiele
IGNIS ARDR/IGNIS
Ethereum V2 ETH

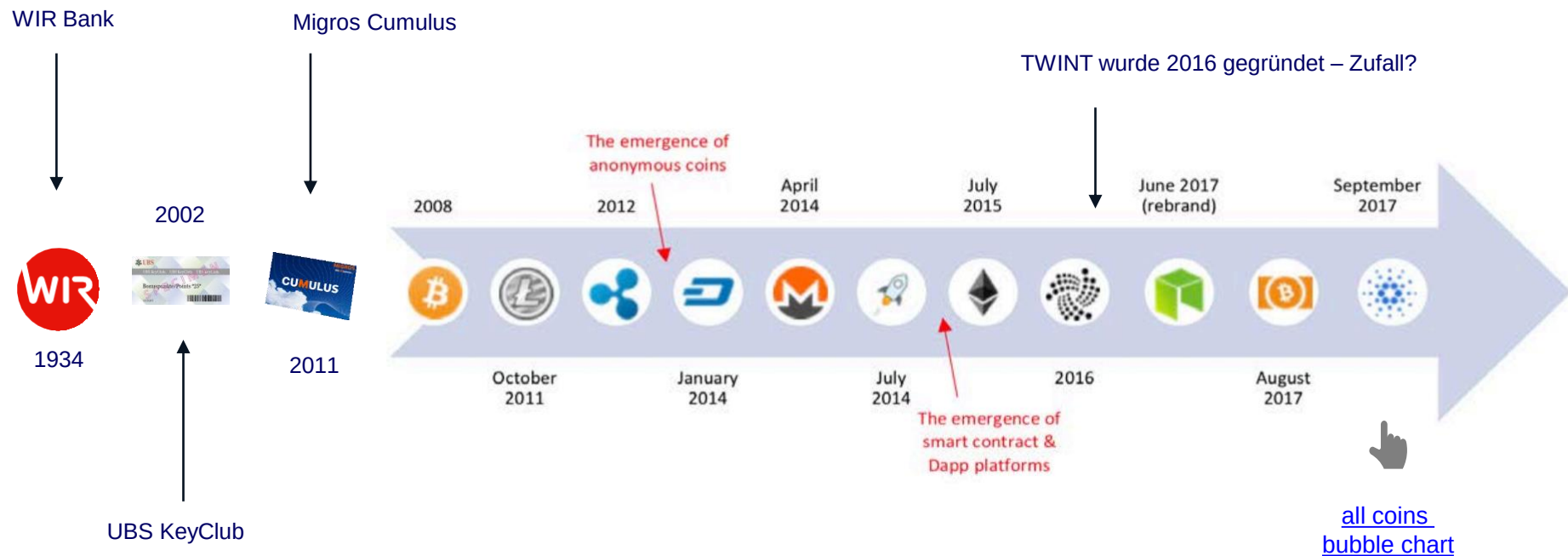
Payment Tokens (PT)	Utility Tokens (UT)	Asset Tokens (AT)
• Wertaufbewahrungsmittel (z.B. BTC) • Allein intrinsischer Wert • z.B. BTC, ETH	Funktionalität/Nutzwert innerhalb des Eco-Systems (z.B. Zugang, Nutzungsdauer etc.)	Security Token • Wertpapier Charakter • Investitionsmittel • Oft Gewinnbeteiligung, Mitsprache • Vermögensanlage ("Recht am Ergebnis eines Unternehmens) Asset backed Token • Token geknüpft an Anlagegut (Asset) • z.B. Rohstoffe, USDT

„Gretchenfrage“: Die Blockchain wird ausgeschaltet oder die Tokens „verbrannt“
 – was bleibt übrig?

FINMA Wegleitung

FINMA Unterstellung

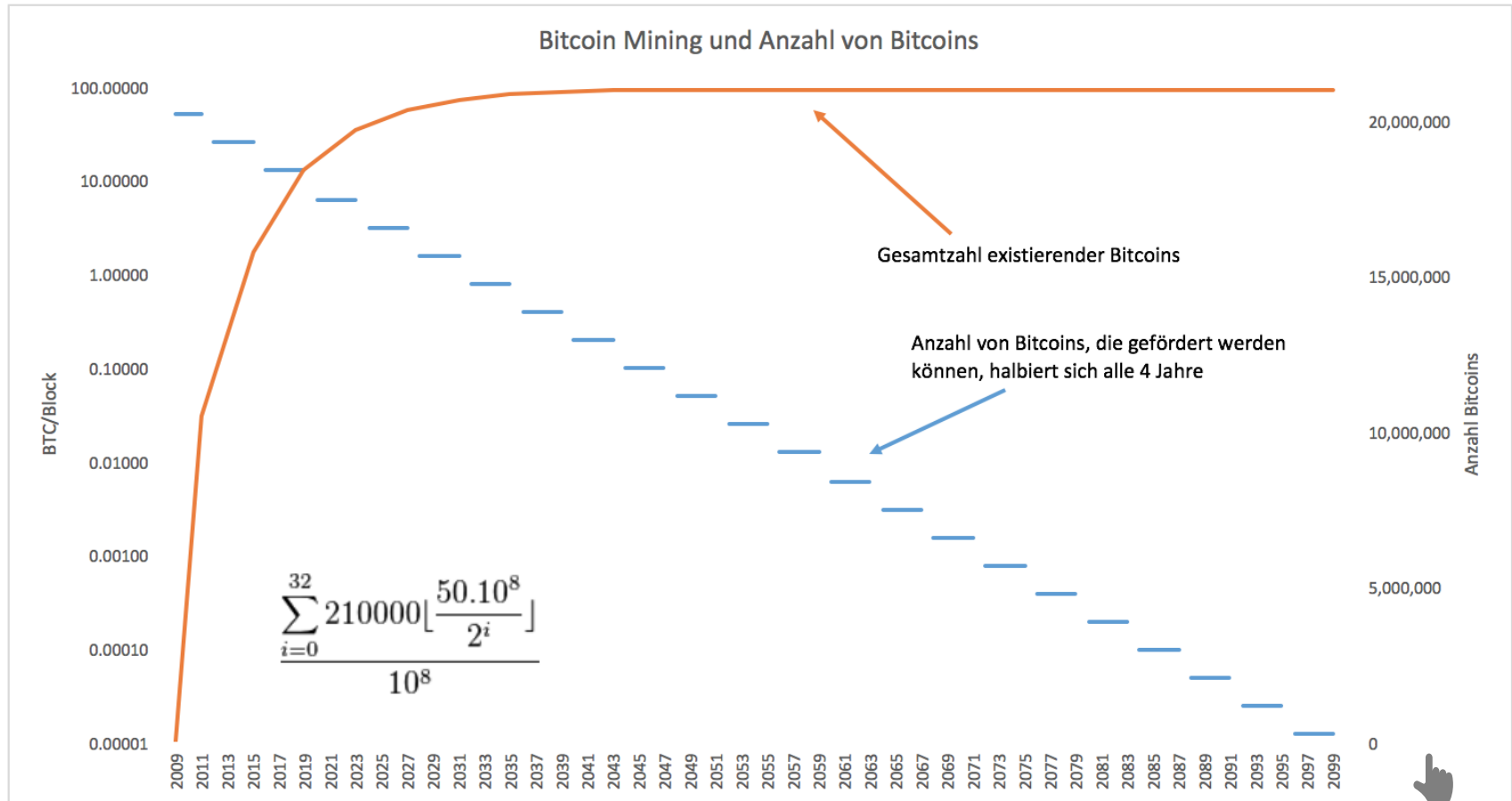




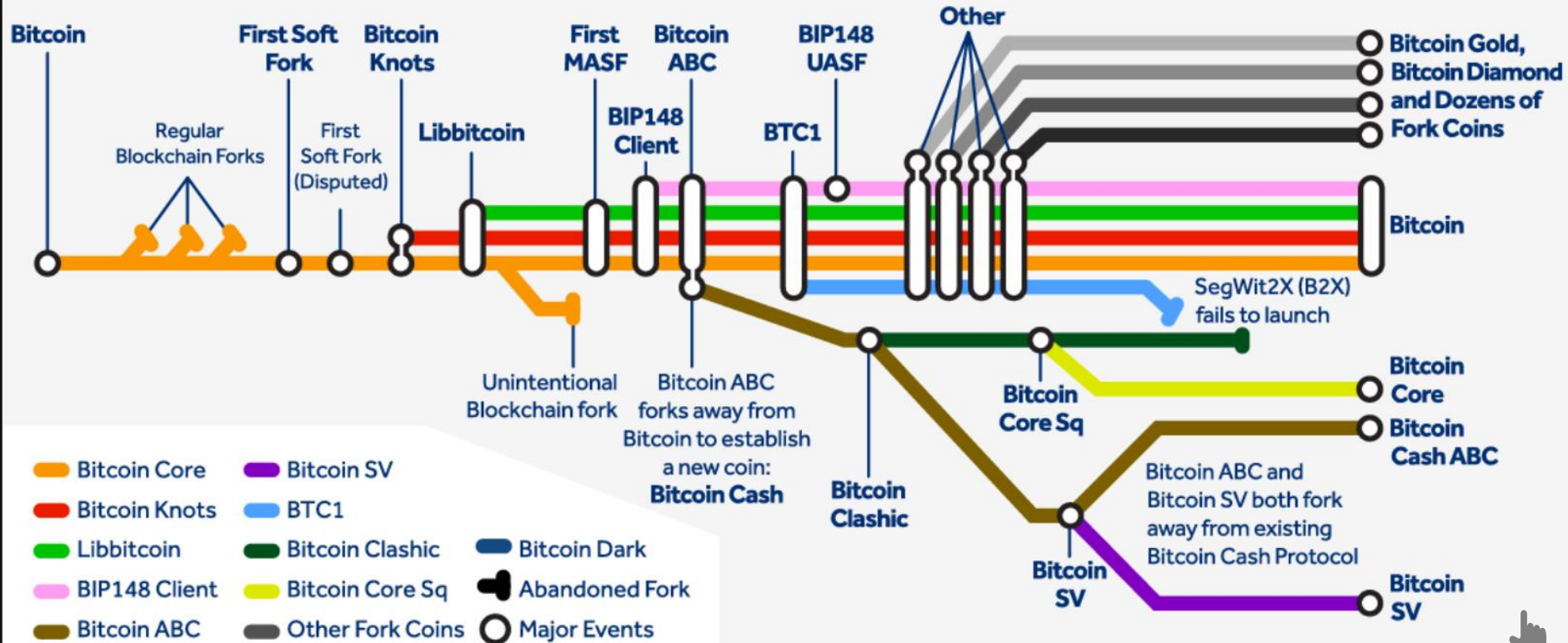
Grafik Tokensales (history, bubble chart)

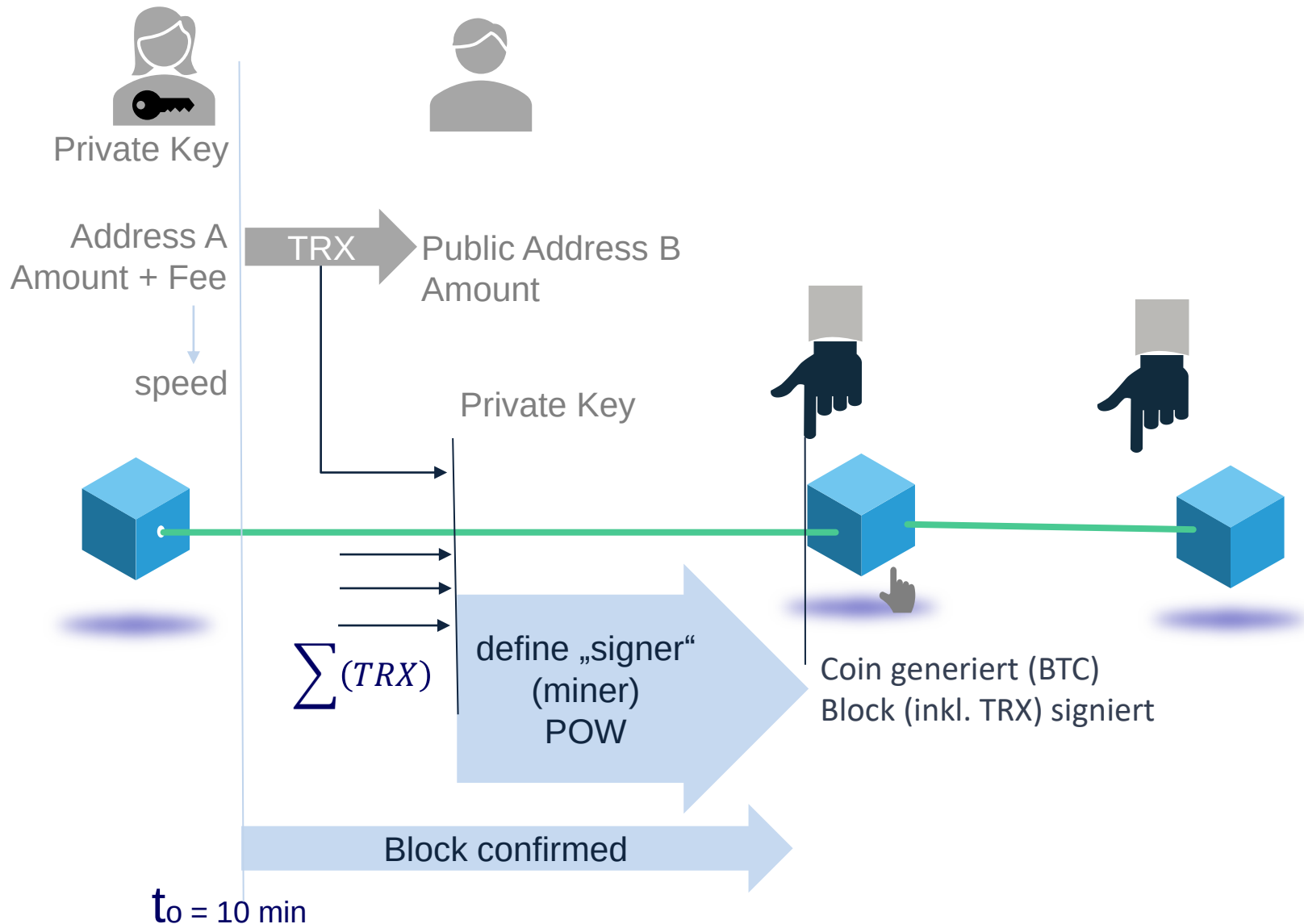
Bitcoin - die Token- (Geld-) Menge, ist limitiert

Satoshi Nakamoto



MAP OF BITCOIN FORKS





Data:

Hash:

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855

Block 684184

USD

BTC

The miner(s) of this block earned a total reward of 6.25000000 BTC (\$234,115.19). The reward consisted of a base reward of 6.25000000 BTC (\$234,115.19) with an additional 0.85793785 BTC (\$32,137.00) reward paid as fees of the 2563 transactions which were included in the block. The Block rewards, also known as the Coinbase reward, were sent to this [address](#).

Hash

```
00000000000000000008d7b9c0c9ced30e904edaef4a77dfc89e875e3fdbb725
```

Hex 45 digits – 2^{720}

Data:

Hash:

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855

Welche 2-stellige Zahl (Format „00“) muss man eingeben, damit die Endzahl des Hash „9“ ist

000000000000000000008d7b9c0c9ced30e904edaef4a77dfc89e875e3fdbb725 📋

Hex 45 digits – 2^{720}

- a. 

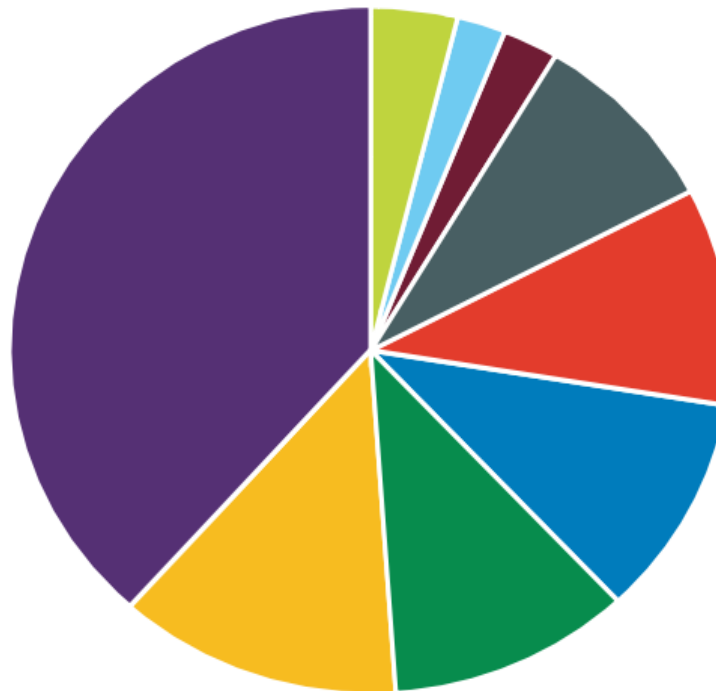
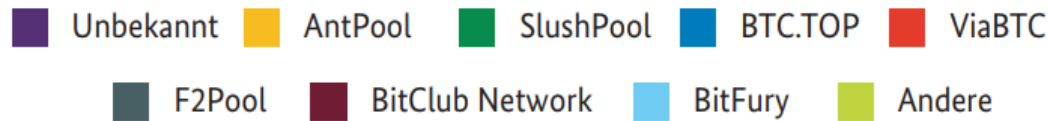


Abbildung 9: Aufteilung der Hashrate auf Mining-Pools (Durchschnitt über den Zeitraum August 2018 bis Januar 2019) [163]





Bitcoin

[Nodes](#)
[Transactions](#)
[Transaction Costs](#)
[Live Map](#)
[Block Rewards \(Minor\)](#)
[Vermögensverteilung](#)

[Monitor all Blockchains](#)
[All Currencies \(bubble chart\)](#)



Ethereum

[Nodes](#)
[Node Tracker](#)
[Transactions](#)
[Transaction Costs](#)
[Block Reward](#)
[Crowdtoken CRT](#)
(smart contract)



ARDOR/IGNIS

[Nodes](#)
[Transactions](#)
[Block Reward](#)
[Fee/Costs](#)



Token Markt heute (jetzt) – wer ist der grösste im ganzen Land?



Ethereum in a nutshell

Bitcoin is deflationary by design due to its limited supply

Bitcoin

- Supply cap: **21 million**
- Total existing coins: ~18 million BTC
- Market capitalisation: ~65 billion USD
- Smallest unit: **1 Satoshi = 0.00000001 BTC** (10^{-8})
- Supply style: **deflationary** (a finite number of bitcoin will be made)
- Price: US\$3,628 as of 2019-1-13

Ethereum

- Supply cap: **18 million every year**
- Total existing coins: ~104 million ETH
- Market capitalisation: ~13 billion USD
- Smallest unit: **1 Wei = 0.000000000000000001 ETH** (10^{-18})
- **Inflationary** (much like fiat currency, where more tokens can be made over time)
- Price: US\$125 as of 2019-1-13

◀ 39 of 106 ▶

Übersicht Entwickl...pdf
<https://www.europarl.europarl.europa.eu/...>

TAX3 Study on cry...pdf
<https://www.europarl.europarl.europa.eu/...>

Übersicht Blockch...pdf
<https://www.bsi.bund.de>

Show all ×

Investiere **Online** in Immobilien

Bereits ab 100 CHF/EUR. Kauf dir digitale Anleihen. Stell dir dein eigenes Immobilienportfolio zusammen und profitiere von vielen Vorteilen:

- Bis zu 7% Rendite p.a.
- Sicherheit dank Immobilien
- Jederzeit handelbar



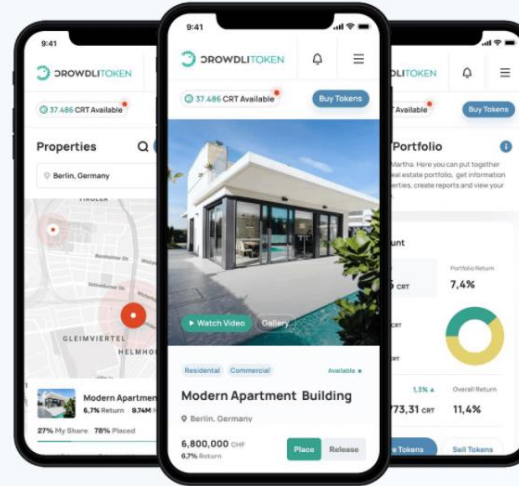
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Schau dir das Video an
Wie funktioniert CROWDLITOKEN?



Präsentiert in:

	Schweiz	Deutschland / Österreich	Benelux / Nord-europa	Ost-europa
				
Typ				
Netto-rendite	5.6%	6.0-6.2%	5.5-7.0%	6.1-7.5%

Ethereum CRT



New business model “micro” - investment

Worldwide clientele, small investment amount due to low processing costs



Reliability - Transparency

Transparent, public, irreversible



Everyone - everywhere

Any time any where
Massively extended new investor population
Worldwide accessible, 7/24h available



Ownership – full control of tokens

Privat wallet/private key, transferable



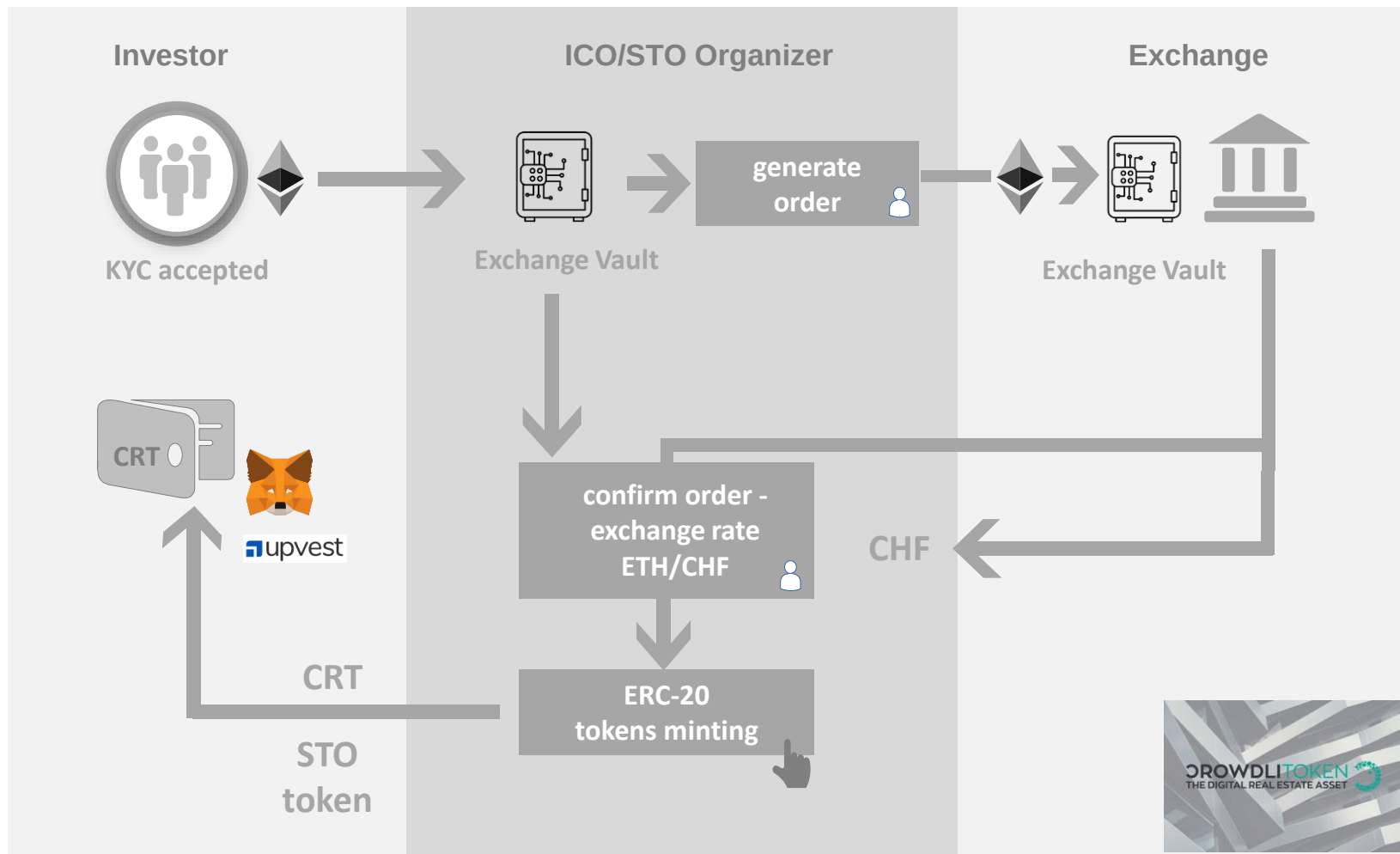
Trust

Investor identification (KYC)
Immediate token mining and allocation (investor's wallet)

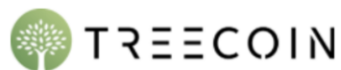


Easy handling

No technology/blockchain know how needed







Our TREE – the first digital hardwood asset in the world

For one TREE you receive the proceeds of one physical tree. TREE is a digital asset (token) each secured with a physical tree and is safely stored for you on the Ardor Blockchain. Every TREE you acquire, assures you the right to participate in the proceeds of the consigned eucalyptus – the fastest growing hardwood tree in the world.

live since
2019

TreeCycle of Life® – Increasing profitability

The **TreeCycle of Life®** creates a natural compound interest effect. It ensures the increasing profitability of **TREE** while harvest cycles become more frequent, eventually resulting in annual profit-sharings.

Maximum security, thanks to blockchain technology

Implementation via blockchain technology guarantees security, transparency, flexibility and speed. The ownership structure is clearly defined.

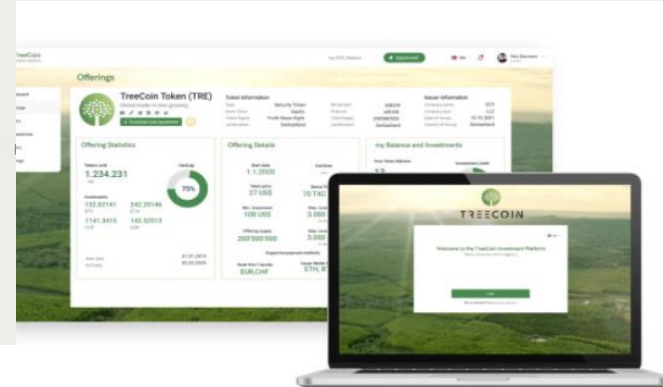


A hereditary asset

Our **TREE** an hereditary asset and can be inherited and transferred like shares or real estate.

Lifelong maintenance guarantee

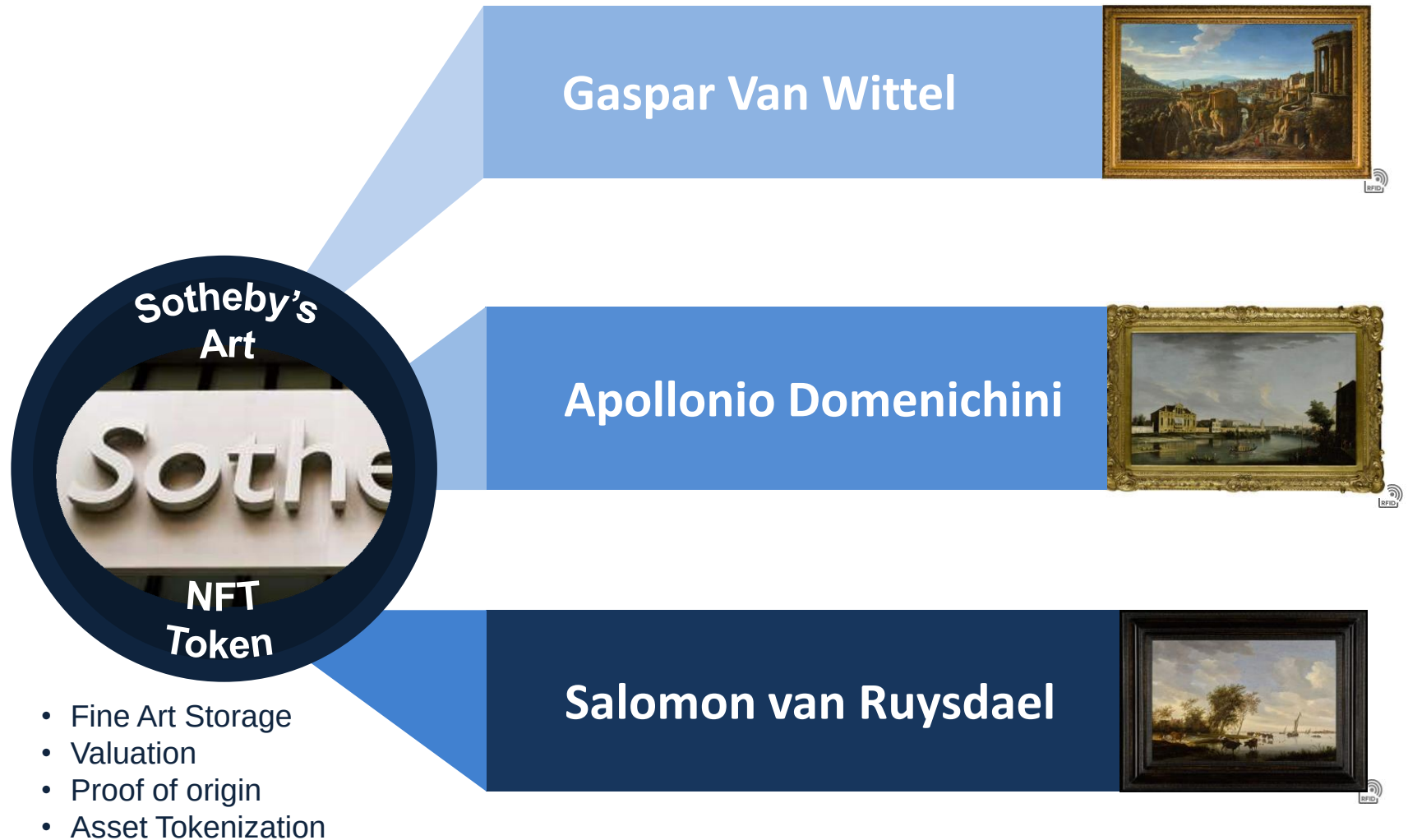
Your **TREE** guarantees the lifelong maintenance of the consigned trees. This includes: soil acquisition, soil preparation, cultivation, planting, care and harvesting as well as the selling of the wood. You invest, we manage, for a lifetime.



tree-coin.io

ARDR/IGNIS

Token eTREE & eTreeCoin





Location: Zambia
Power: 114 kW
Host: Corporate
Performance: 0.12 \$/kW
Funding: 85%

[details](#)



Location: Zambia
Power: 190 kW
Host: Corporate
Performance: 0.10 \$/kW
Funding: 20%

[details](#)



Location: Zambia
Power: 190 kW
Host: Private
Performance: 0.16 \$/kW
Funding: 60%

[details](#)



+ 10,888 kWh
Energy generated per year
Forecast: 76,540.000 kWh

13176
Solar cells connected

30'000 US\$ / 85% funded
Investment

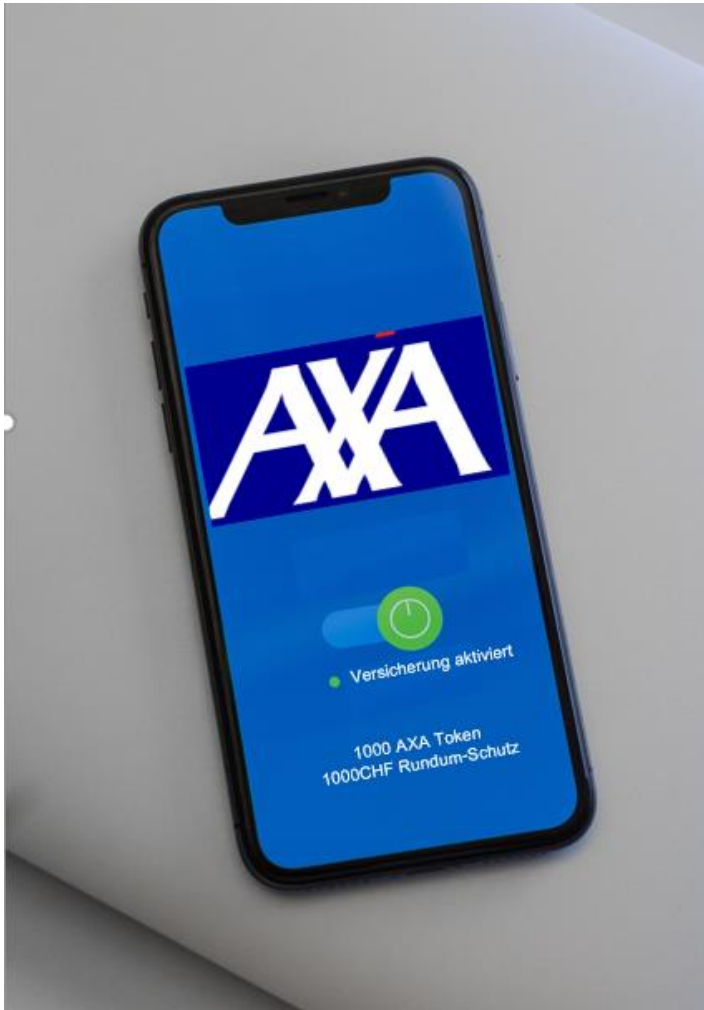
+ 11,785 kg CO₂
Carbon saved info_outlined
Forecast: 76,540.000 kWh

Host
Furniture Limited, Kabwe

[Info pack](#)

[invest](#)

Sachversicherung

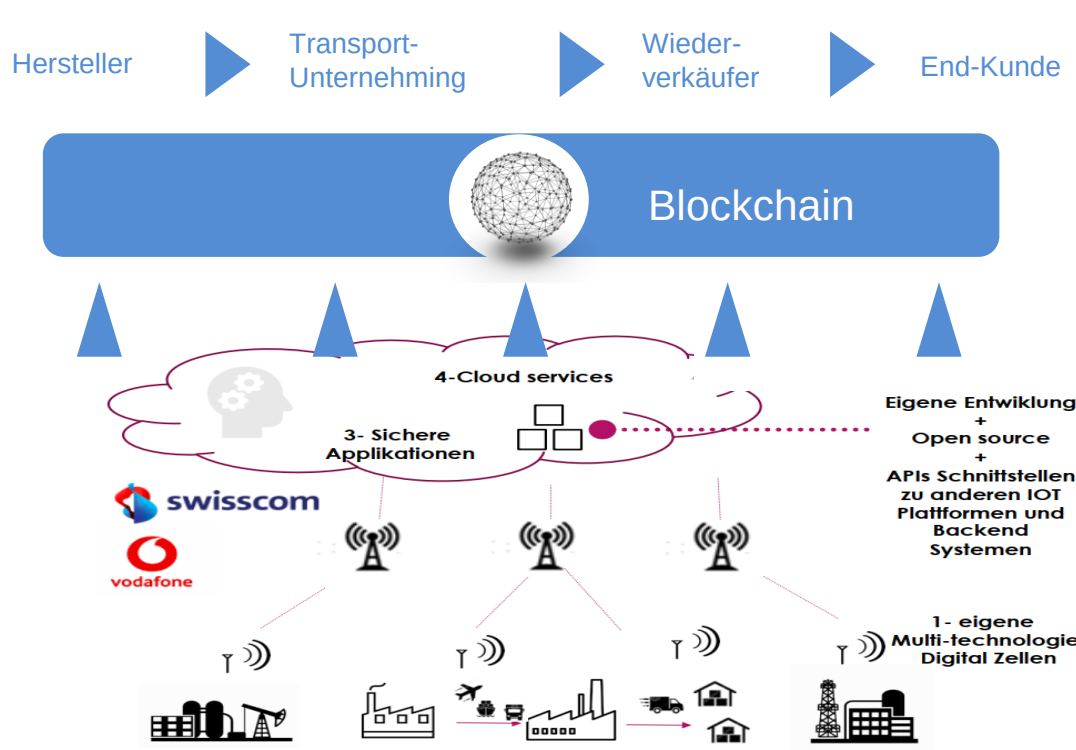


- Die Versicherung wird durch den Kauf des Tokens aktiviert-
der Token «ist» den Versicherungsschutz (Diebstahl, Schaden)
- Token kann jederzeit gekauft und geladen werden
- Versicherungsschutz kann bei Geräthewechsel jederzeit angepasst werden
- Meldung bei vor Ablauf der Versicherung

1000 Axa Token = 1000 CHF
Versicherungsschutz

Project Supply Chain – weltweites Transportunternehmen

Sach-/Transportversicherung



Blockchain



Sensor wird in der Warenlieferung platziert
(5 x 6 x 2 cm)



2021 unique innovative digitization concept:
The first token in the Swiss luxury watch
industry will be launched

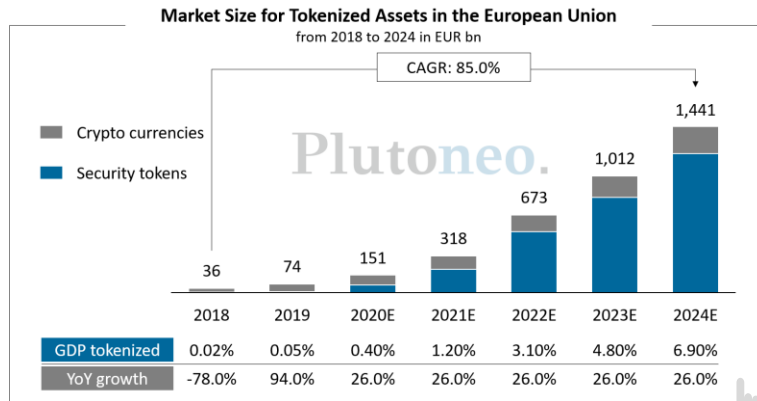


[Quelle LinkedIn](#)



proven quality → better price
(return on invest < 12 month)

Asset Tokenization Markt Europa



US-Dollar, Euro, Schweizer Franken,
Pfund Sterling, Chinesischer Yuan
CBDC Central Bank Digital Currency:
(Timing, Risk)



Blockchain-Branche der Schweiz feiert Durchbruch

Anteile eines Kunstwerks oder eines Oldtimers handeln: Eine Zürcher Bank schafft, was Börsenbetreiber schon lange versuchen

Markus Stadel

Bitcoin sorgt wieder für Schlagzeilen. Obwohl der Kurs der Kryptowährung zuletzt etwas gesunken ist, hat der Markt der Bitcoins in diesem Jahr spekulativ einen Aufwärtstrend erlebt. Ein Standbein in Singapur hat, kann und darf jetzt Vermögenswerte wie Kunstwerke, Oldtimer, Diamanten oder Liegenschaften digitalisieren und in kleinsten Stückchen auf der Blockchain anbieten. In der Schweizer Blockchain-Branche ist man sehr stolz darauf, dass Sygnum diesen Schritt gelungen ist, attestiert der Blockchain-Experte Daniel



SWISS Regulator-
SWISS based Services - Swiss Solutions

Exchange/Markets

> 290 Exchanges / \$27 B daily trading volume
(additional Distribution channels)



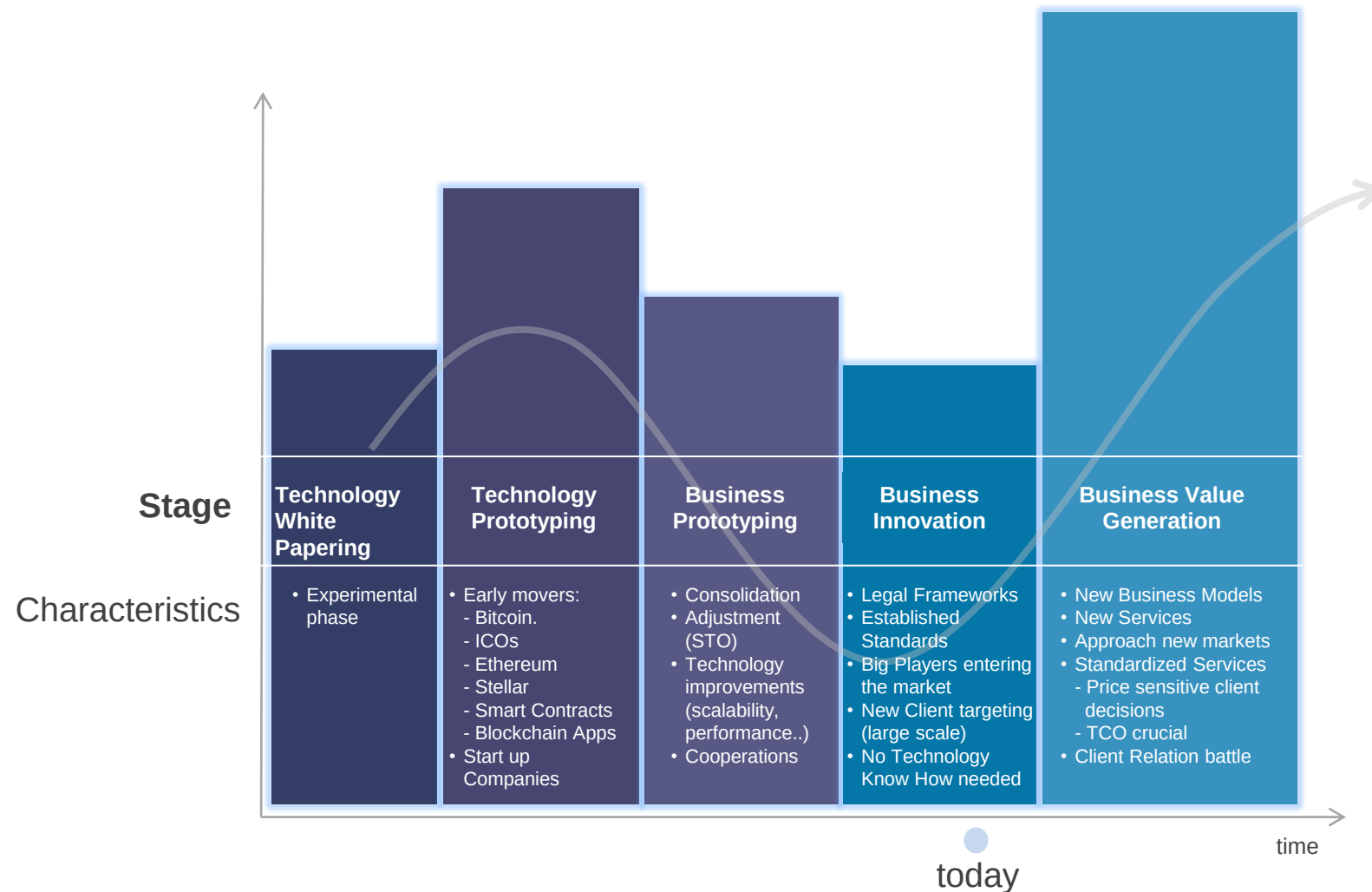
Digitale Assets



FINANZPLATZ
Montag, 19. April 2021 08:29

Taurus startet Marktplatz
für digitale Assets

• English Version



Blockchain-Branche der Schweiz feiert Durchbruch

Anteile eines Kunstwerks oder eines Oldtimers handeln: Eine Zürcher Bank schafft, was Börsenbetreiber schon lange versuchen

Markus Städeli

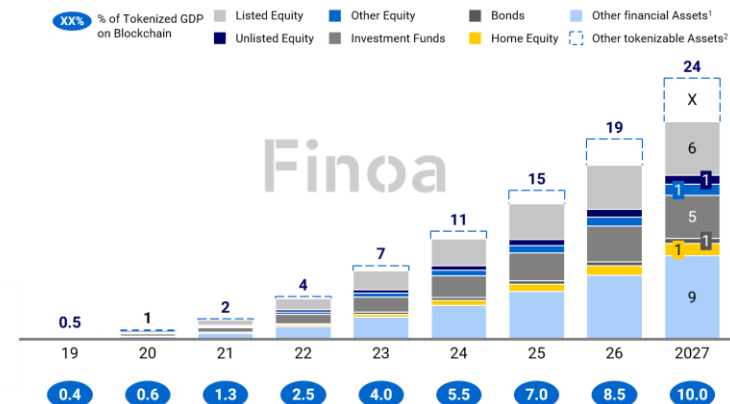
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setzen. «In der Schweizer Blockchain-Branche ist man sehr stolz darauf, dass Sygnum diesen Schritt gelungen ist», attestiert der Blockchain-Experte Daniel



Projected Tokenized Market Volume until 2027, in \$trn by asset class



1 e.g. Insurance Policies, Pensions, Alternative Investments 2 e.g. Infrastructure Projects, Car Fleets, Patents



KYC end2end



Manage Heterogeneity



Custody Services (key storage/- management)



Trust (Project & Service Provider)

Vertraue der Bockchain...

...aber schau Dir den Case
und den Partner
GUT an!