



The future is
Blockchain







What is the
Blockchain?



Who is Satoshi
Nakamoto?



A 3D rendering of a network graph. The nodes are metallic spheres, and the connections are thin, metallic lines. The perspective is from a slightly elevated angle, looking down at the network. The nodes are arranged in a somewhat regular pattern, with some nodes having more connections than others. The lighting is soft, creating subtle highlights and shadows on the metallic surfaces.

What is a **Distributed Ledger**?

How does it work?

<http://anders.com/blockchain/>
<https://blockchain.info/>

Applications of the Blockchain

Finance

- Digital currency
- Programmable money
- Smart budgetting

Property

- Registration of ownership
- Registration of copyright/IP
- Verifiable assets

Contracts

- Custodian/Automatic payment on receipt
- Preconditional action
- process audit-trail

Identity

- Verifiable ID
- Actions exclusive to ID's
-

Supply chain

- Proof of provenance
- Proof of order

And, of course...
The DAO

Downsides of the Blockchain

Slow

- Only 7 transactions per second, because of the limited size of blocks (1MB, approx 2K transactions)

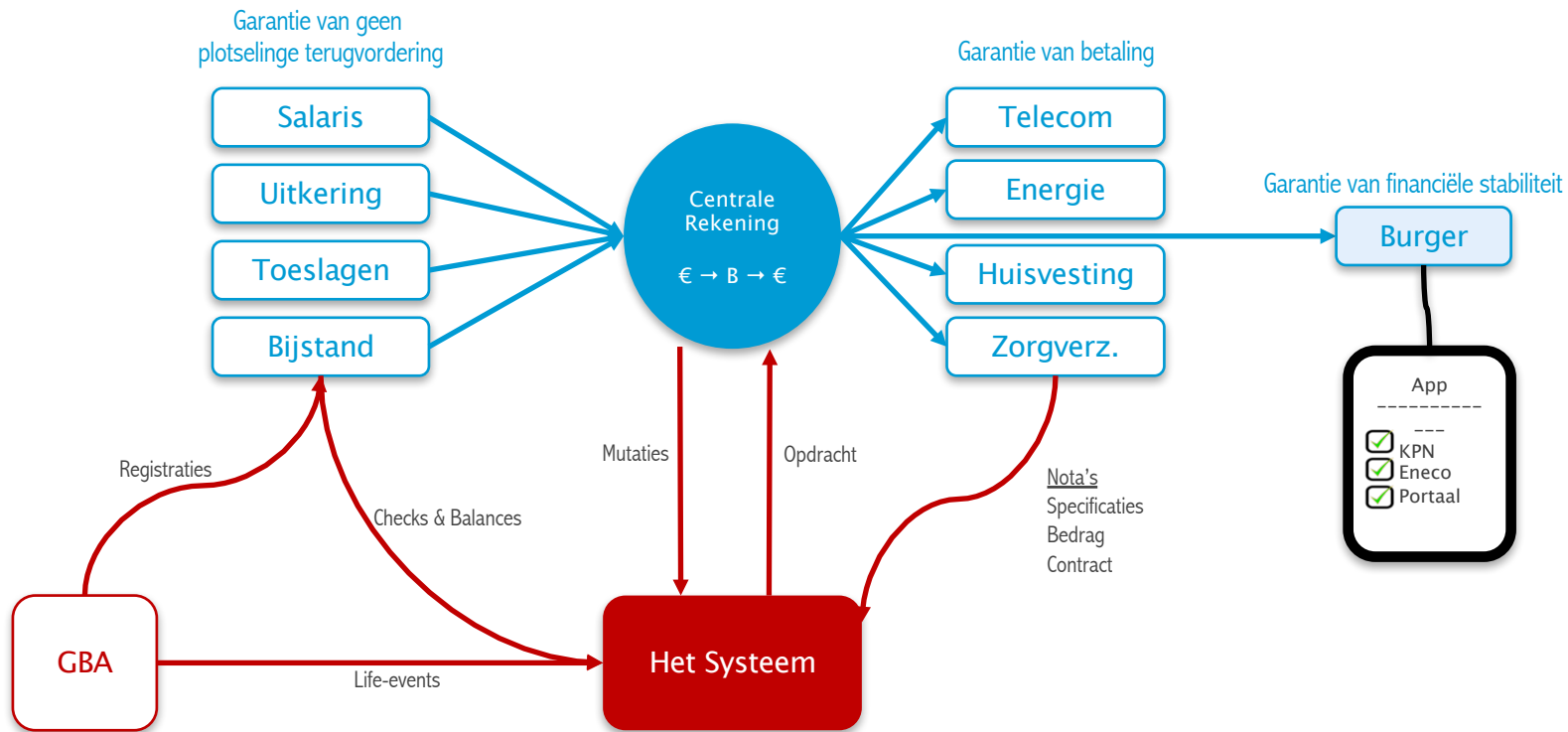
Expensive

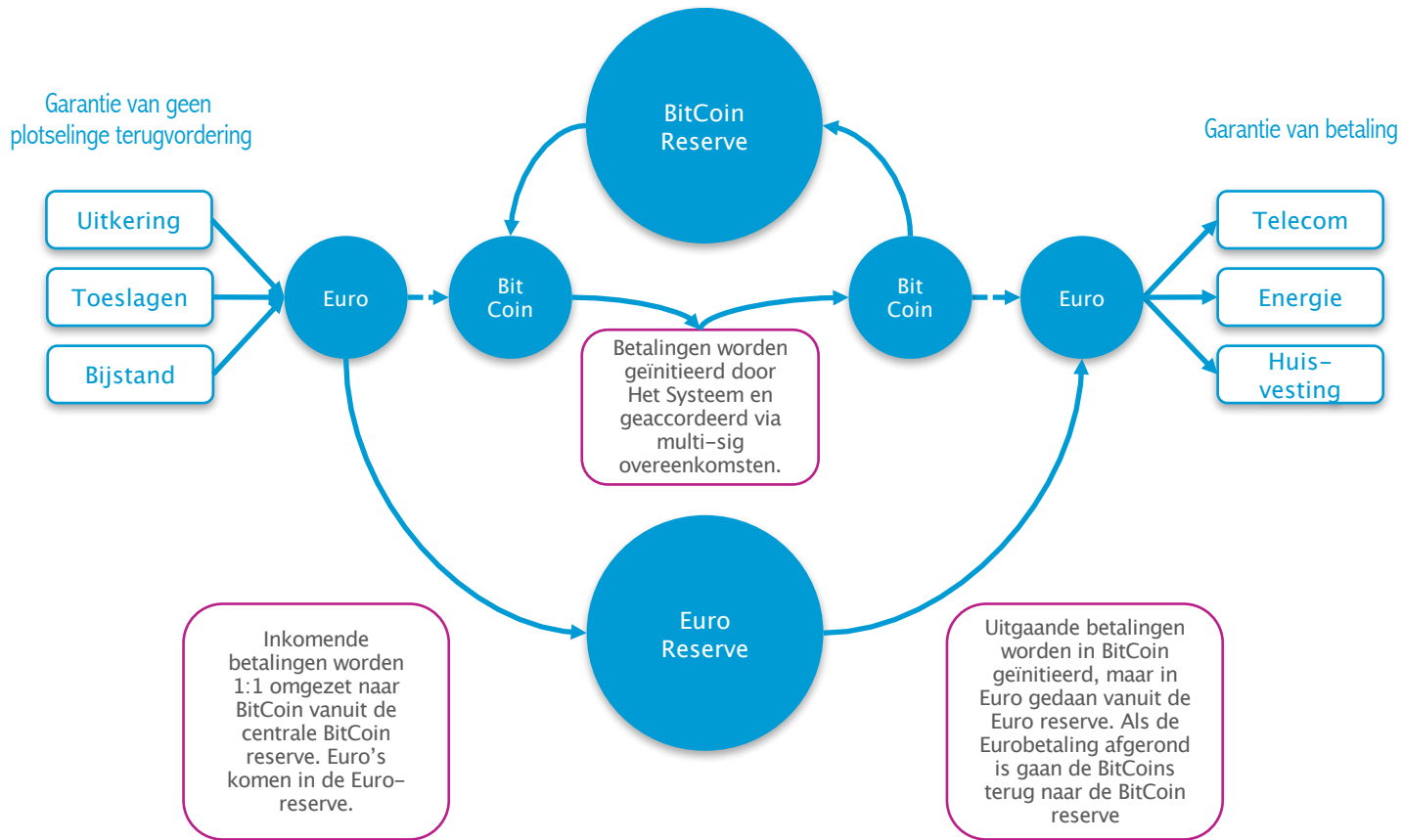
- A predetermined amount of Bitcoin is paid to miners. Transactions now costs approx US\$ 0.20

Unforgiving

- Losing your private key means no access to assets
- Redistribution of private keys makes system fallible (Xapo)

Het 'Huishoudboekje'





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