

2017

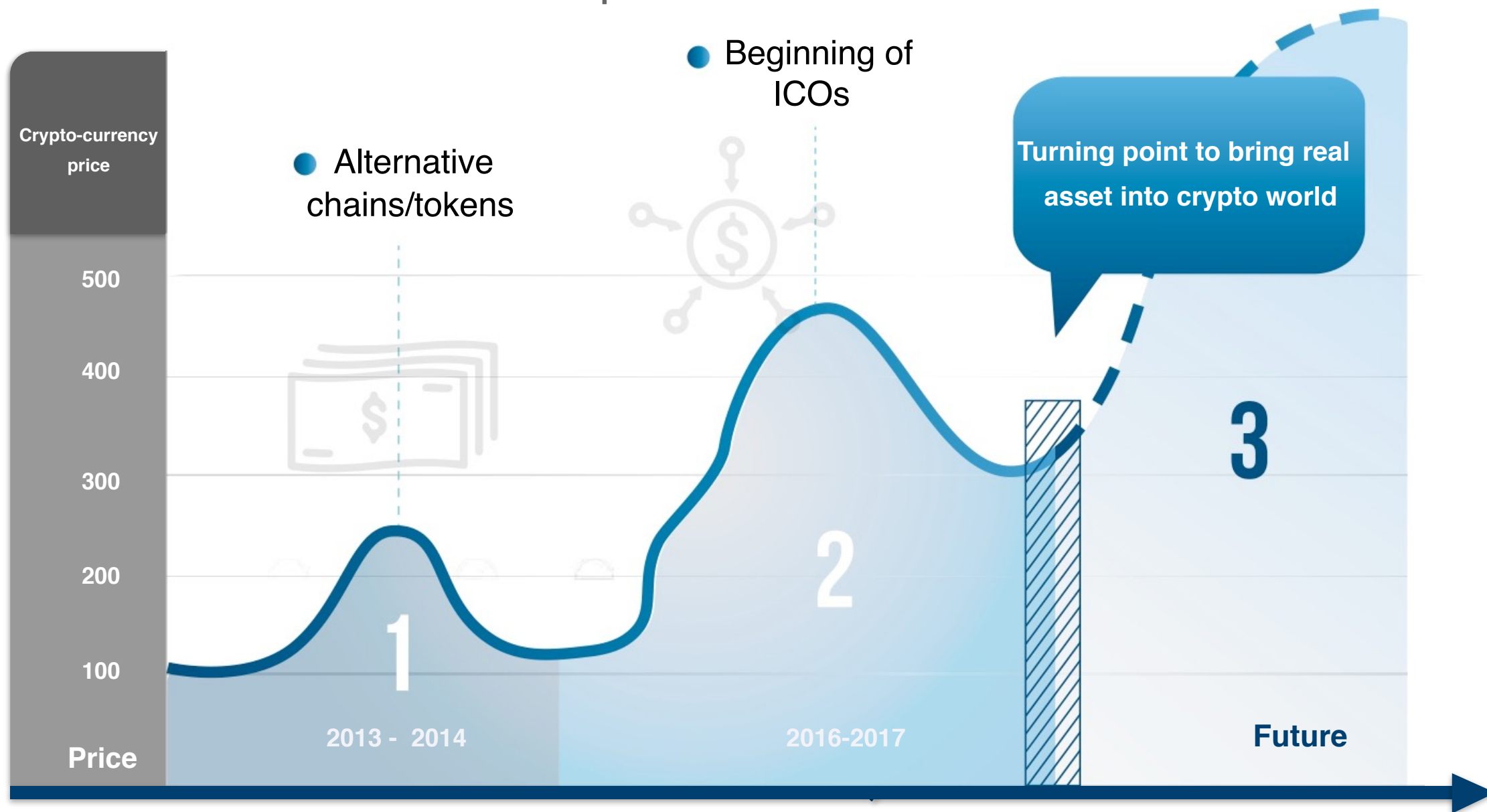


ÆLF Introduction

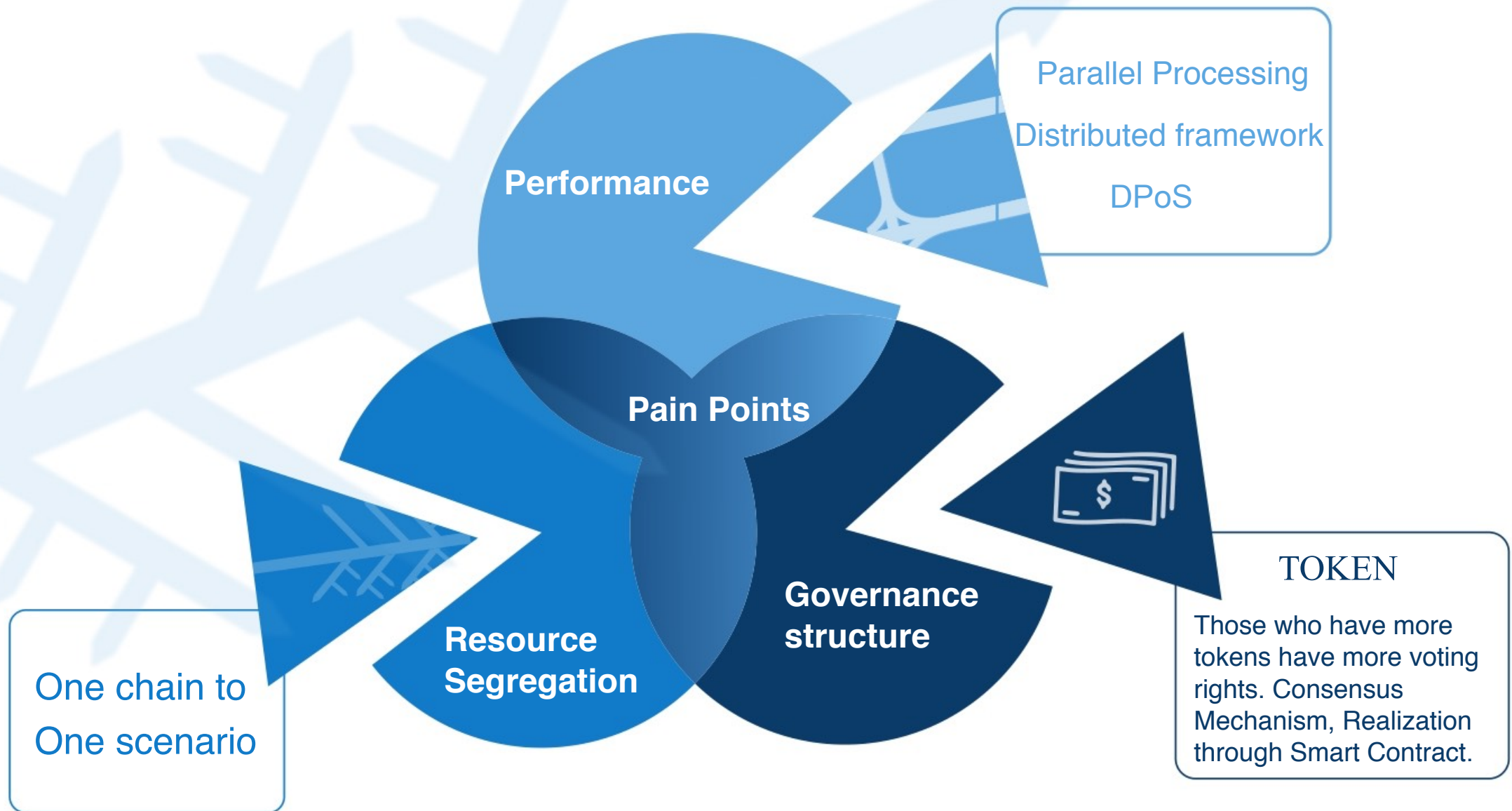
A turning point in Blockchain industry



from concept-driven to business-driven



ælf : the next breakthrough in Blockchain



ælf : the next breakthrough in Blockchain



- First crypto-currency
- Secure and transparent value transfer
- Smart contract
- Expansion of use cases
- ✓ **Commercial-scale performance**
- ✓ **Self-evolving capability**
- ✓ **Resource segregation and cross-chain communication**

Highlights from ælf



Self-evolving Main Chain and Side Chains

Customizable Consensus
Protocols, ensuring new features and updates
to be implemented in Grid

Highly efficient cross-chain communication

Using Merkel Tree to establish cross-chain
indexing and communication system

Fast transaction processing

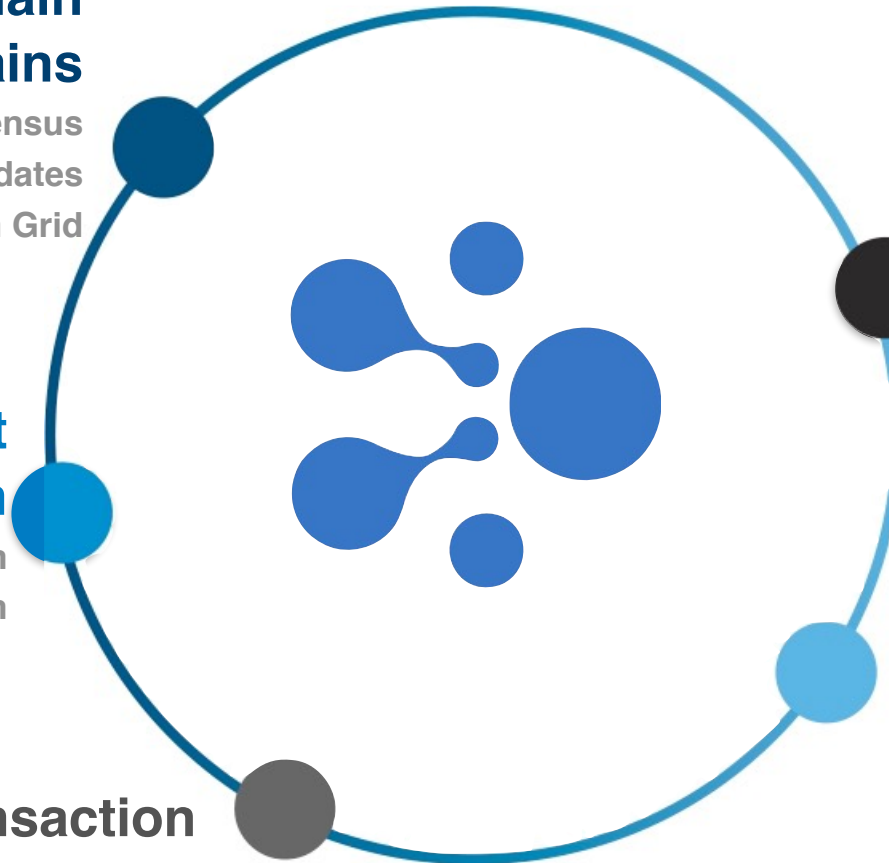
Parallel-processing + cloud service

Main Chain + N Side Chains

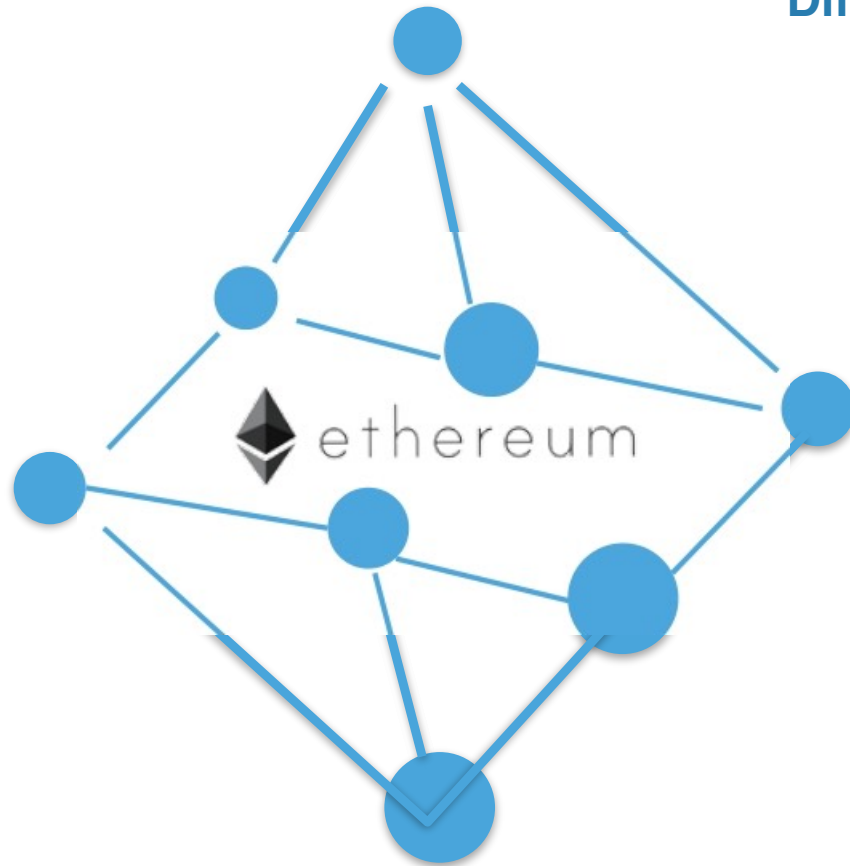
Fulfilling requirements of various
commercial applications, reducing data
redundancy

Optimized 'OS' architecture

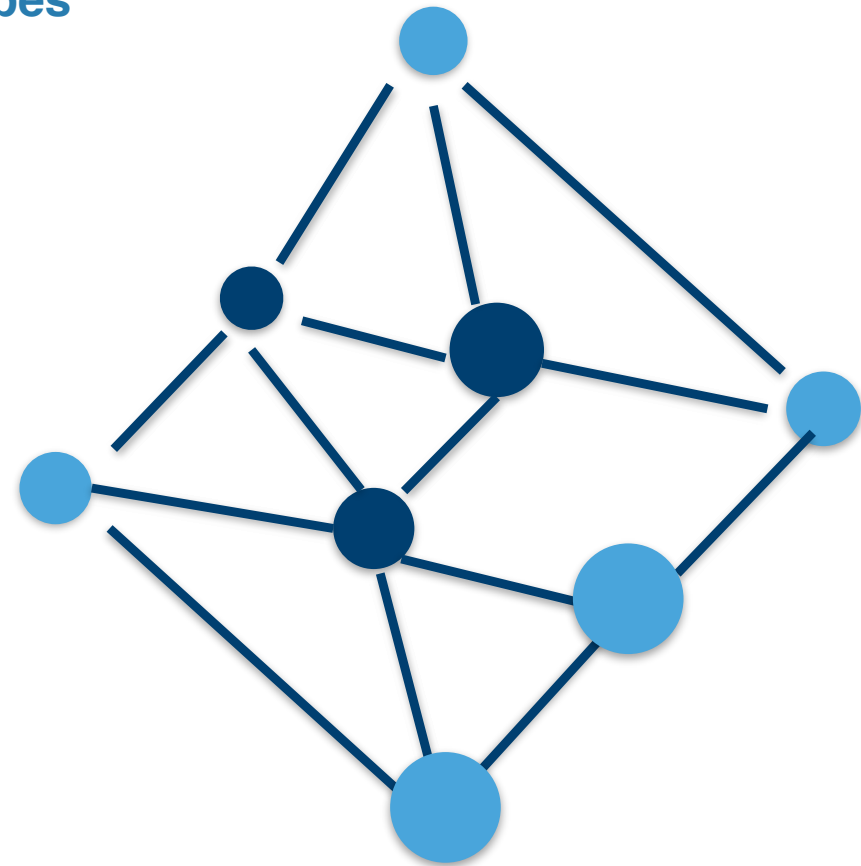
Minimum viable system, Smart Contract
Collection, unified account system



Different node types

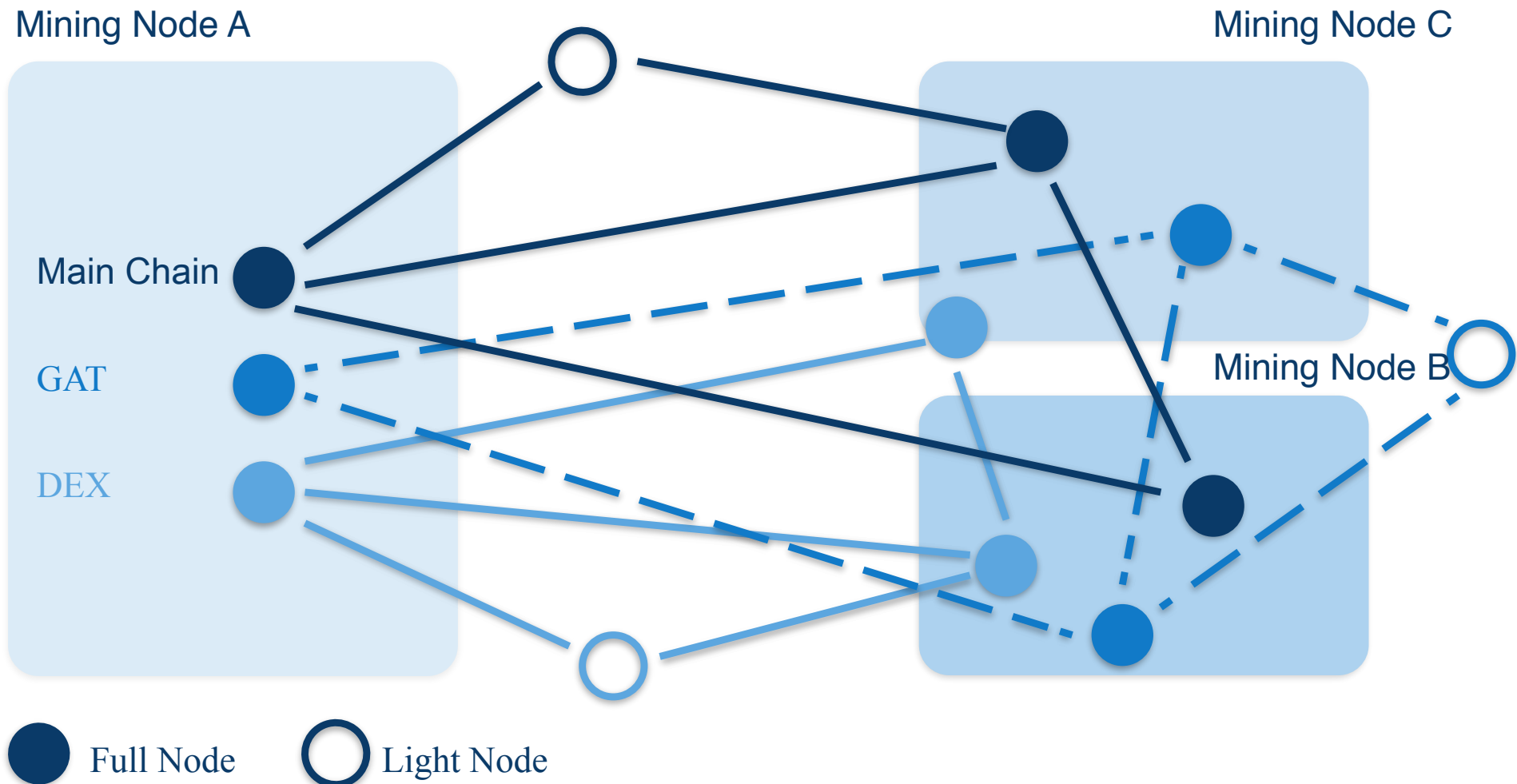


ALL nodes are equal

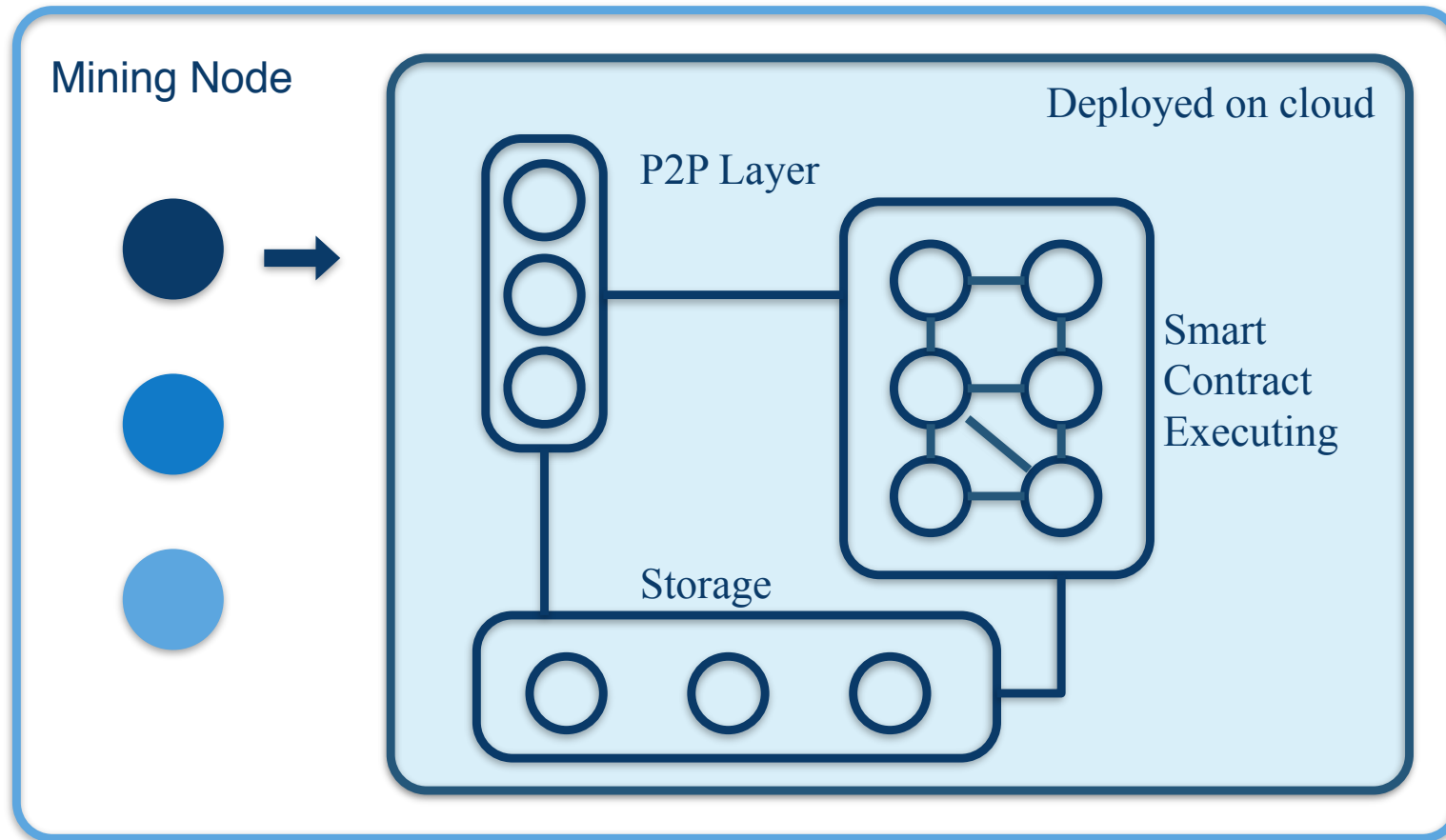


Nodes are categorized according to their roles

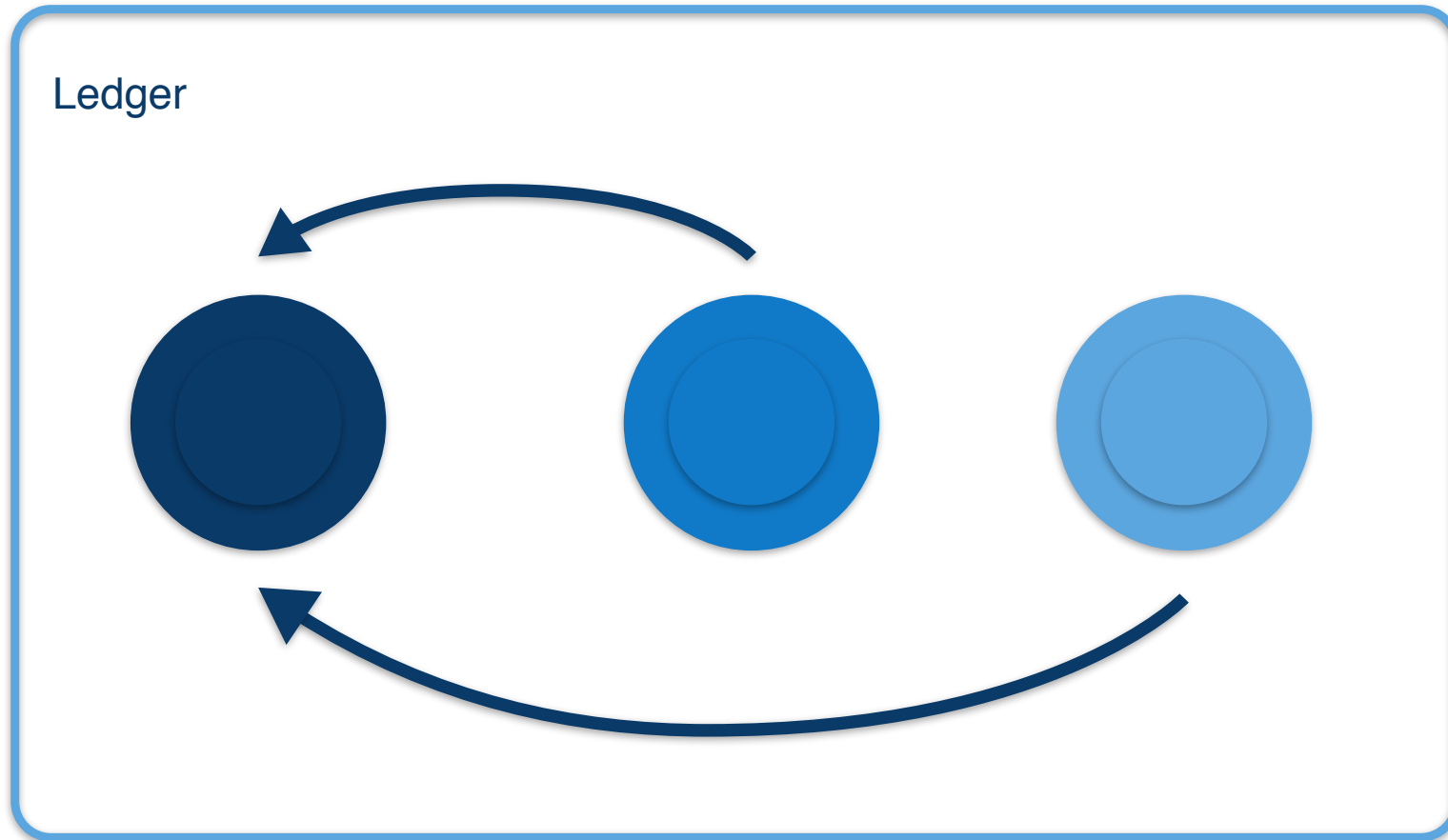
Do not split consensus groups



A full node running on a cluster



Side Chain Indexing

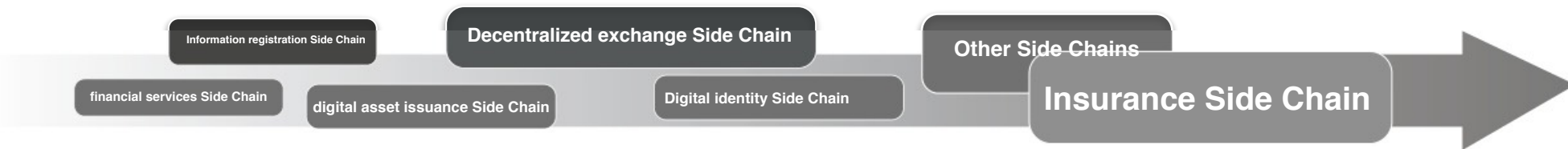


Ledgers index Side Chains through Merkle Tree Root

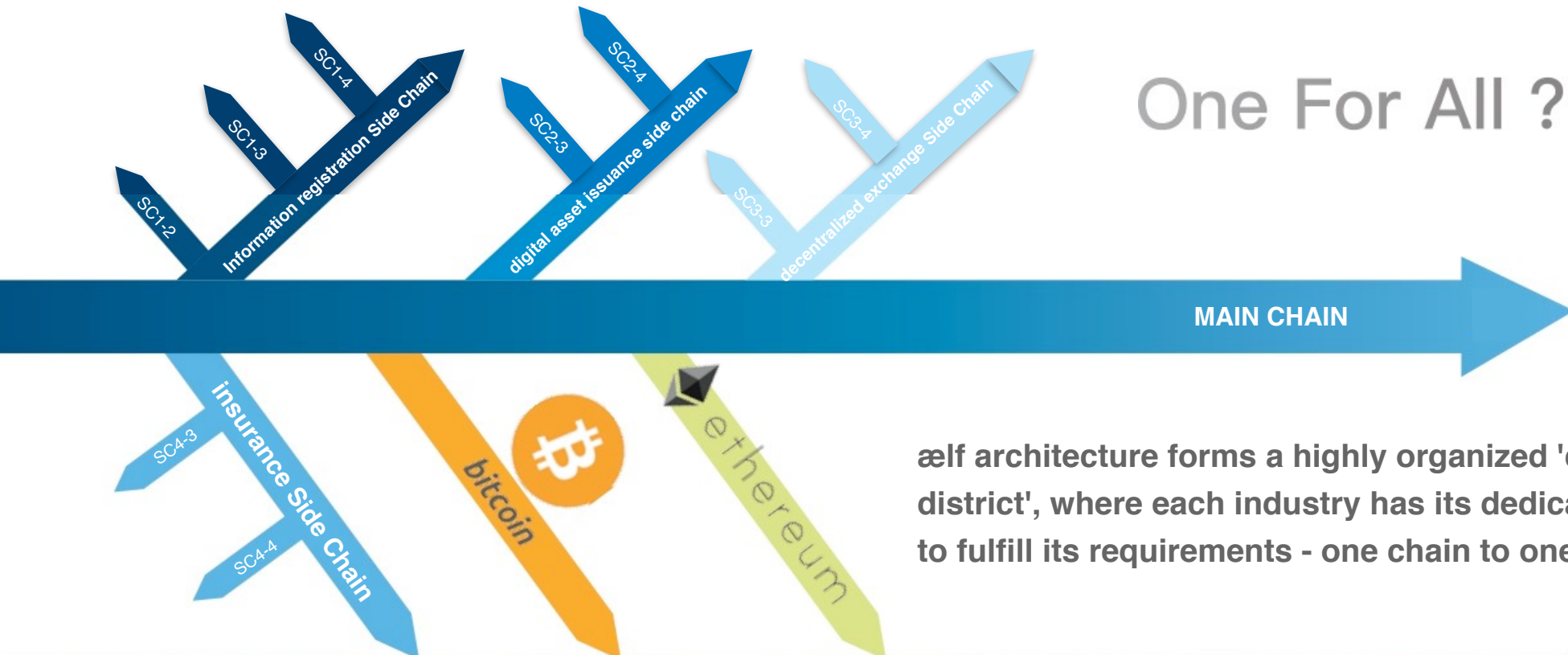
ælf : one chain to one scenario



reducing complexity



One For All ? NO!



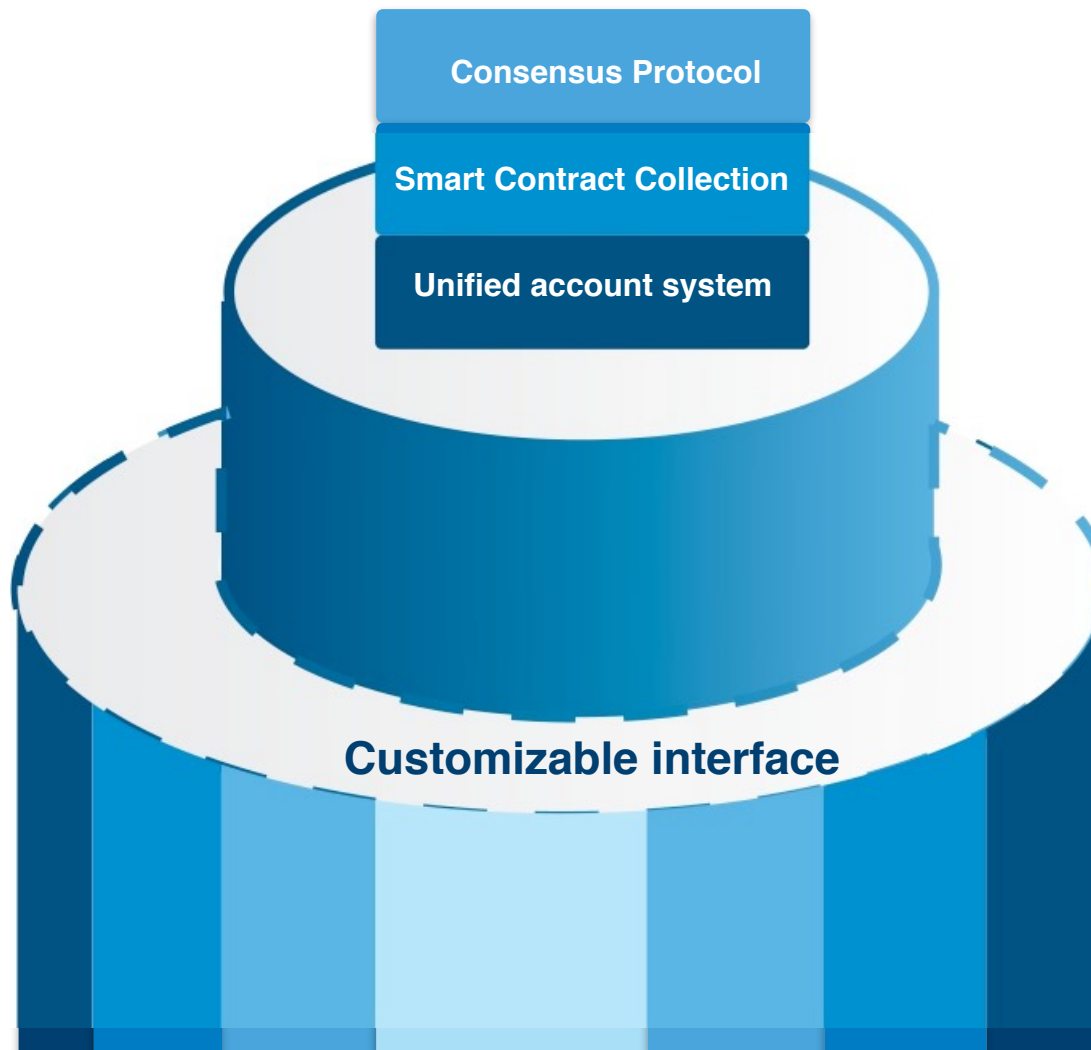
ælf architecture forms a highly organized 'central business district', where each industry has its dedicated Side Chain to fulfill its requirements - one chain to one scenario

ælf : system customization has never been easier



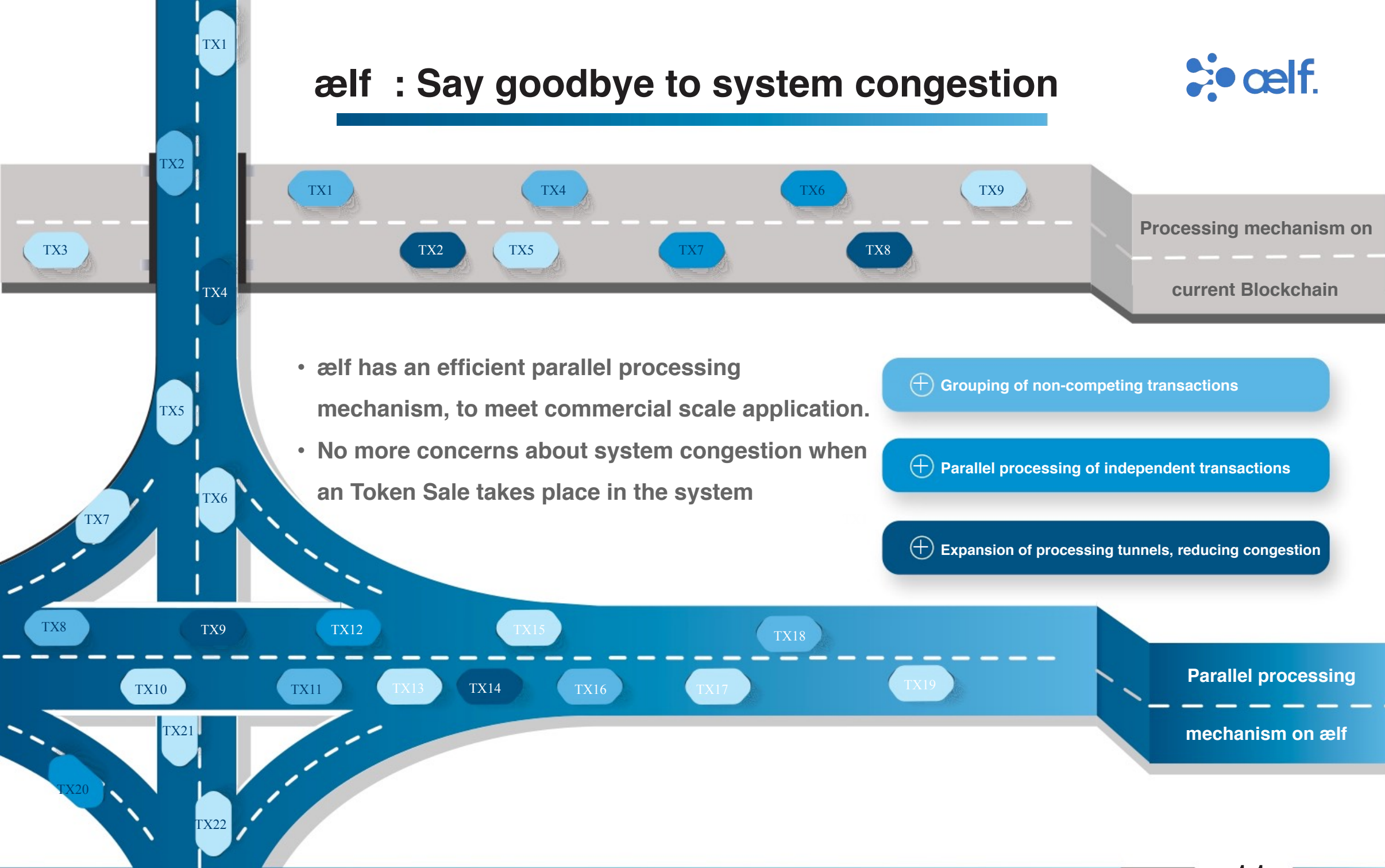
Succeed in ever-changing business environment and spur innovation

Minimum viable Blockchain system



- Provide systematic operating Kernel
- Customize and optimize the system through interfaces
- Establish a diversified and flexible Eco-system similar to Linux family

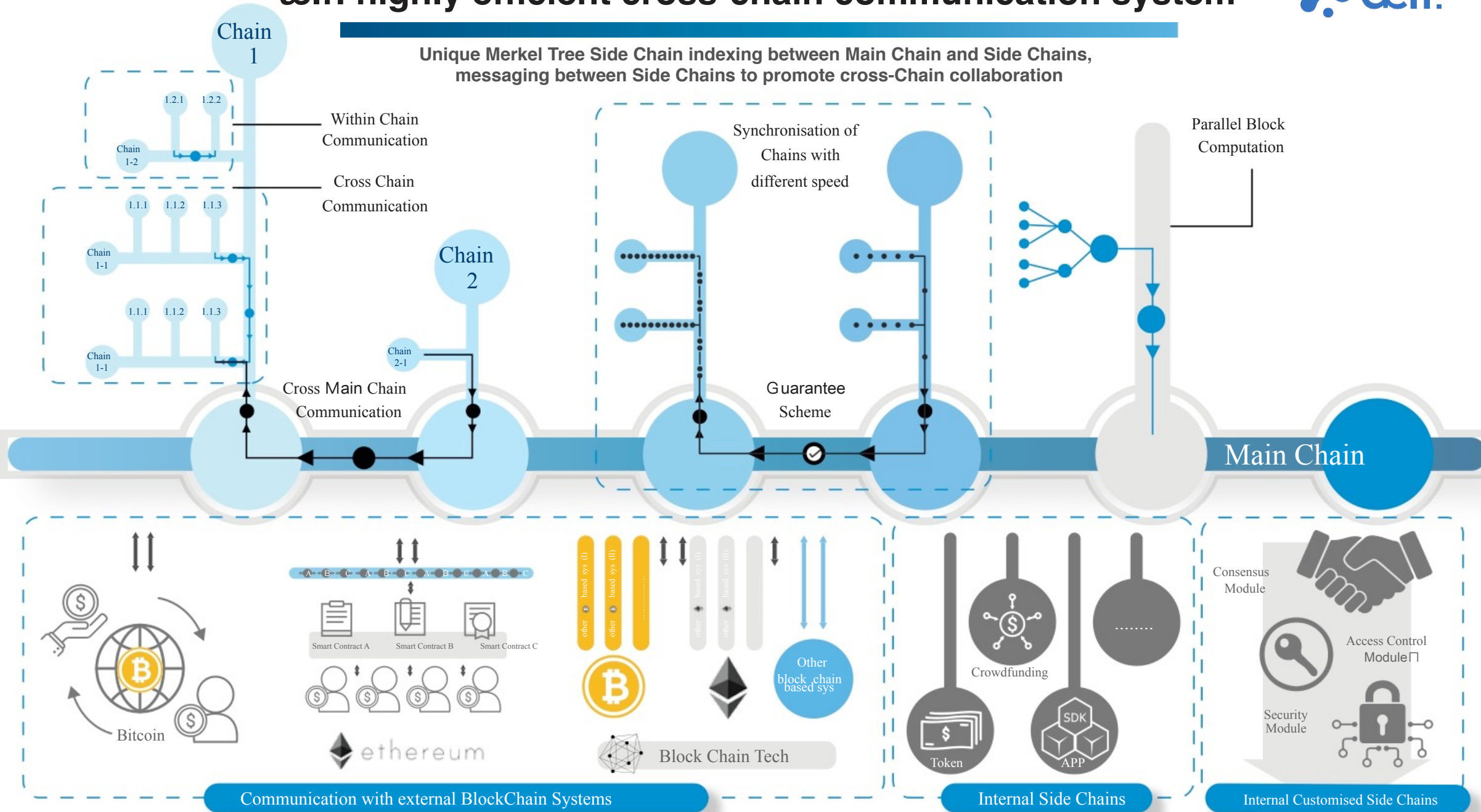
ælf : Say goodbye to system congestion



ælf: highly efficient cross-chain communication system



Unique Merkel Tree Side Chain indexing between Main Chain and Side Chains,
messaging between Side Chains to promote cross-Chain collaboration



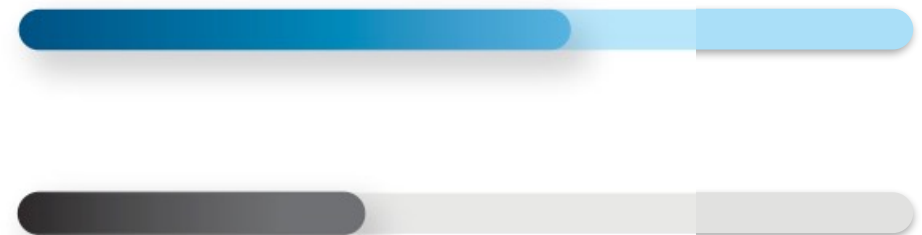
ælf : Self-evolving and improvement



Promotes new Side Chain integration and new feature introduction



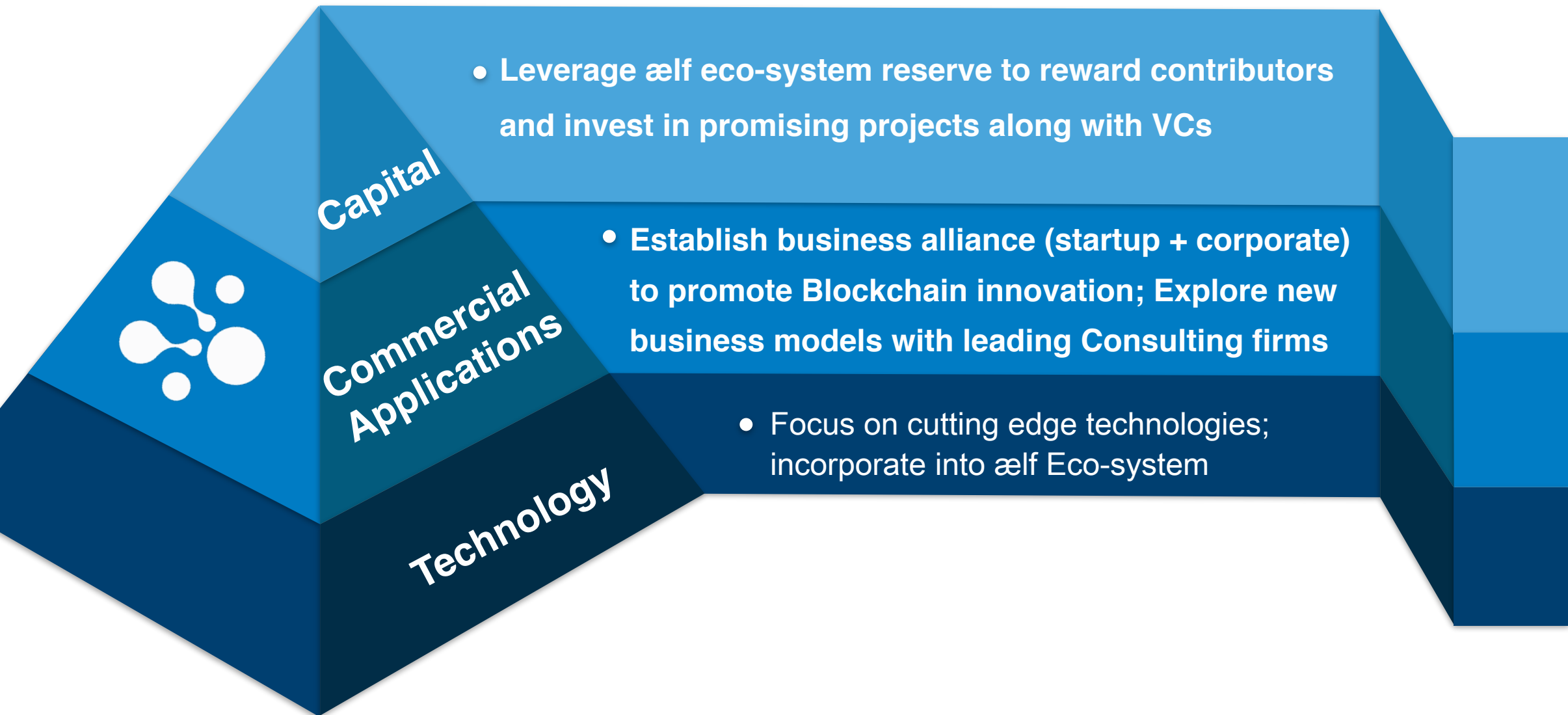
- Consensus Protocol to adopt future improvements
- Dynamic Side Chain joining and exiting to introduce competition



ælf : Eco-system development



Technology + Commercial Applications + Capital



Governance



- Grid Foundation is being set up in Singapore as the Governance entity for aelf.
- As a non-profit entity, it promotes aelf technology development and applications, facilitating corporates and startups to establish new business and transform themselves in digital business.
- Grid Foundation will implement comprehensive management and governance model, fully compliant with regulations and laws in Singapore.

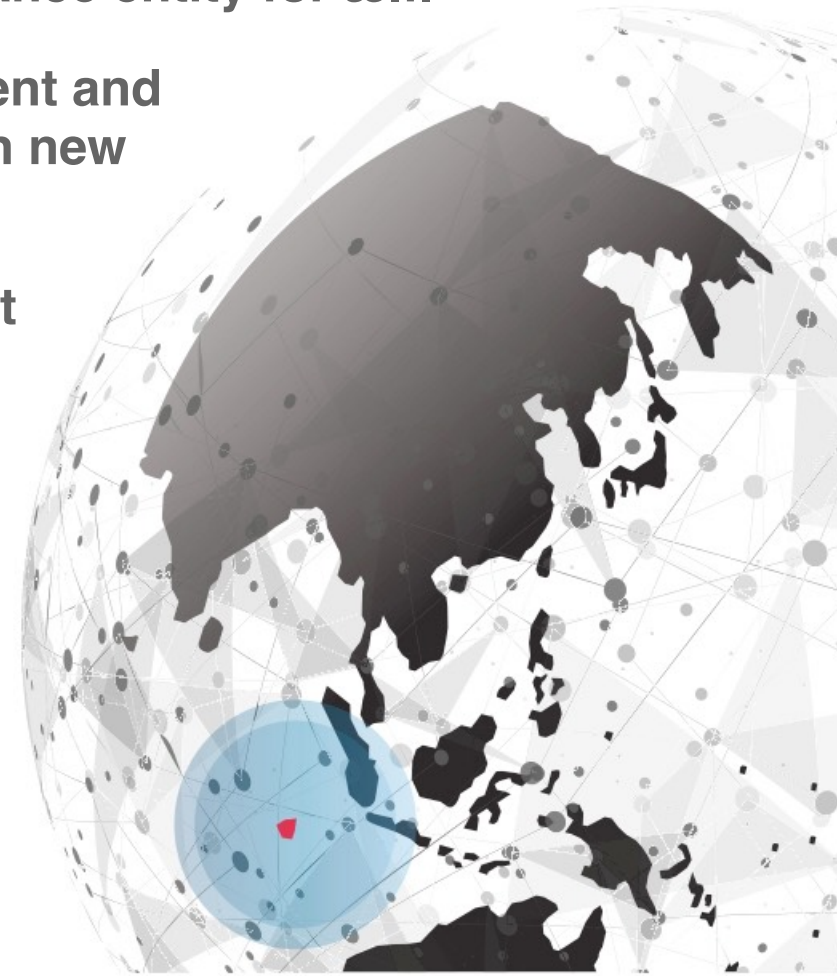
1.Token holders are members with annual fees

2.Token amount corresponds to voting rights

3.Establishes a decentralized 'Linux Foundation'

4.Attracts business, technical and capital partners

Open
Source
Foundation



The team



Ma Haobo

Founder of ælf, founder/
CEO of Hoopox,
Blockchain expert, early
adopter of digital assets,
Ex-CTO of GemPay, AllCoin



Chen Zhuling

MIT graduate
Consulting veteran at
Roland Berger, advised
multiple MNCs and
governments



Fu Li

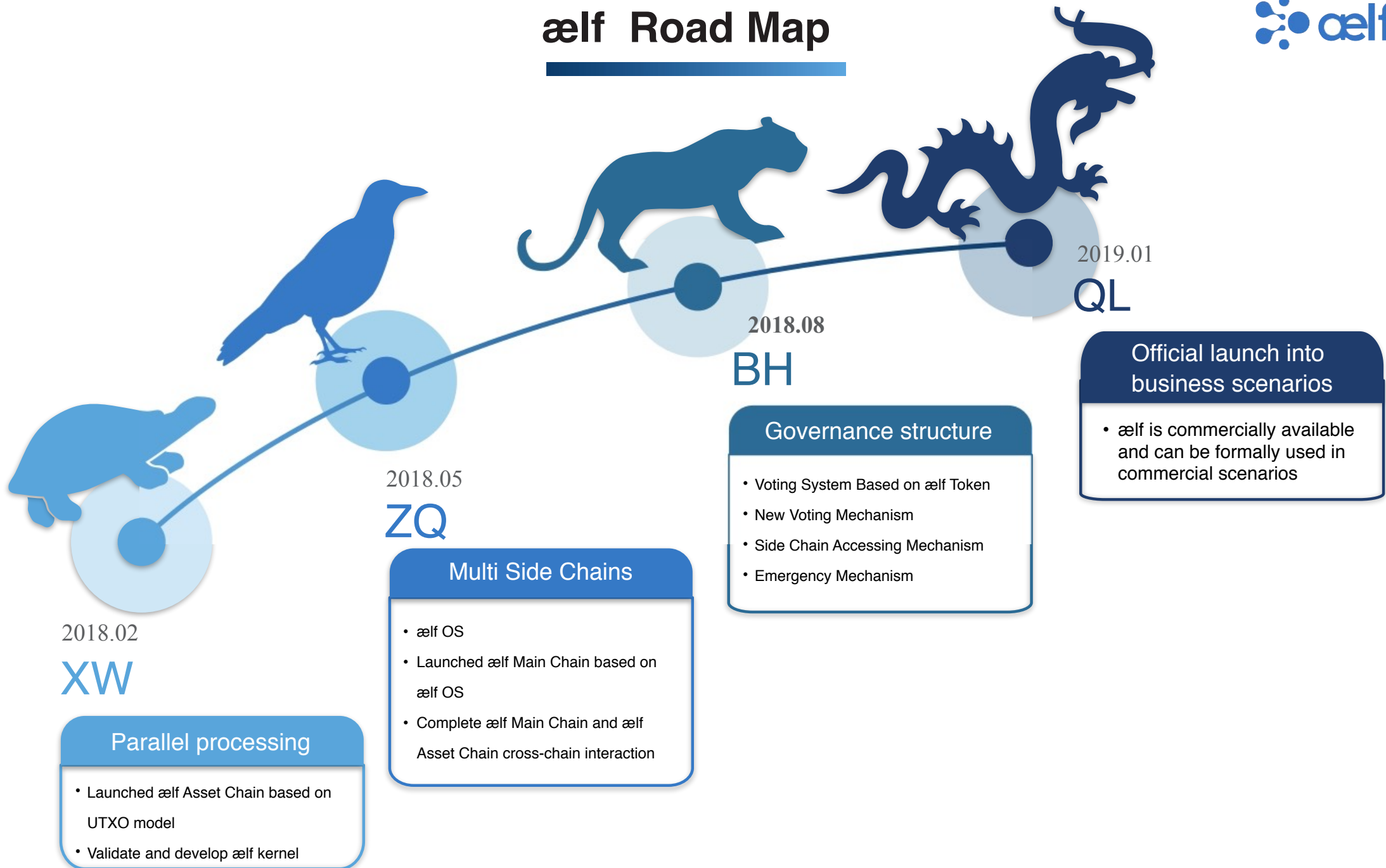
Software Engineer from PolyU
KOL of Github, an expert in IT
solutions for communication
networks, navigation systems
and mobile games



Yang Yalong

PhD at Monash
university, specialise in
visualising geo-spatial
and transaction
network data

ælf Road Map





Thank you.