

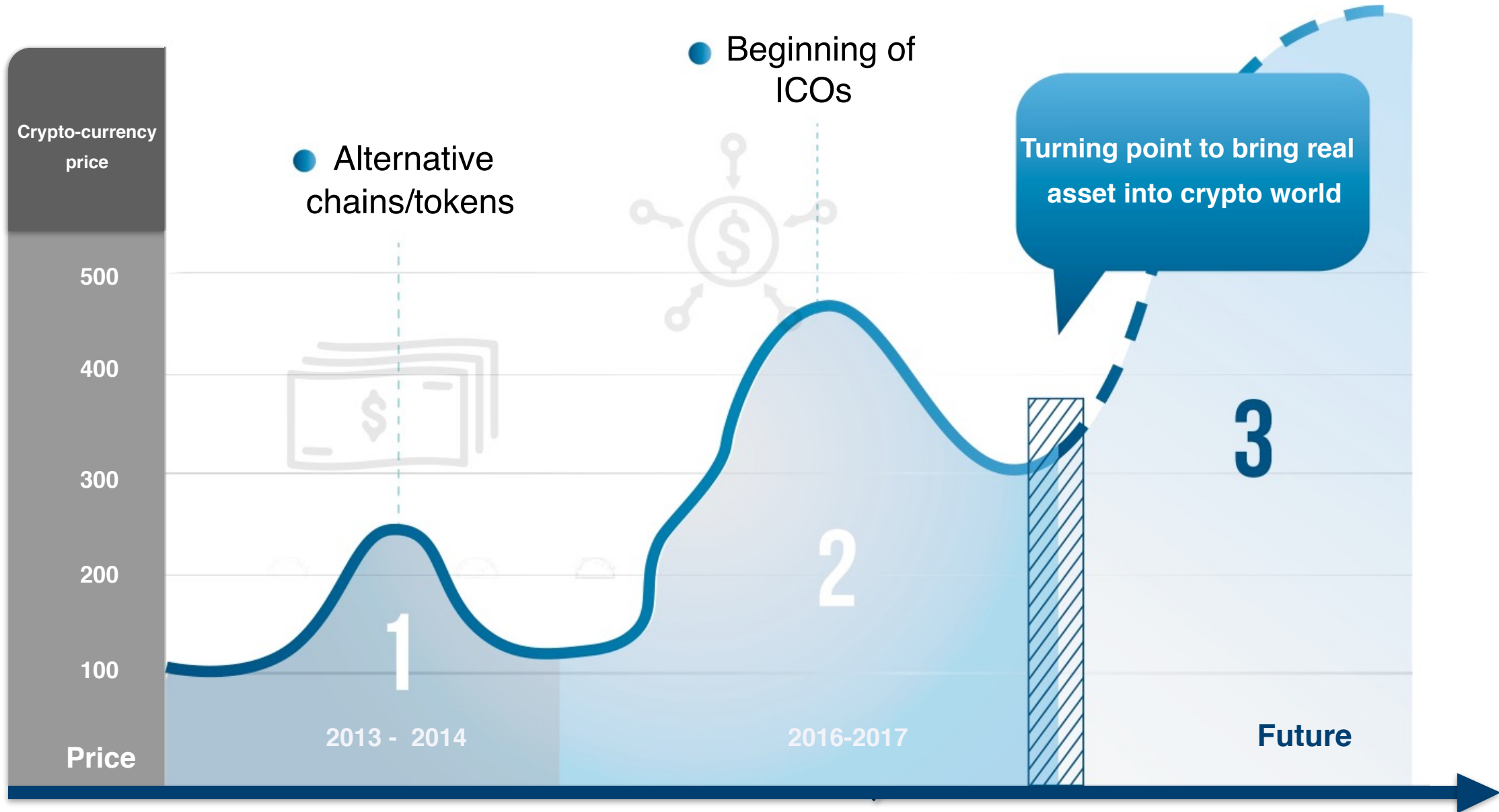
2017



# GRID Introduction

# From concept driven to business driven

A turning point in Blockchain industry





# Grid : Highly scalable for business adoption

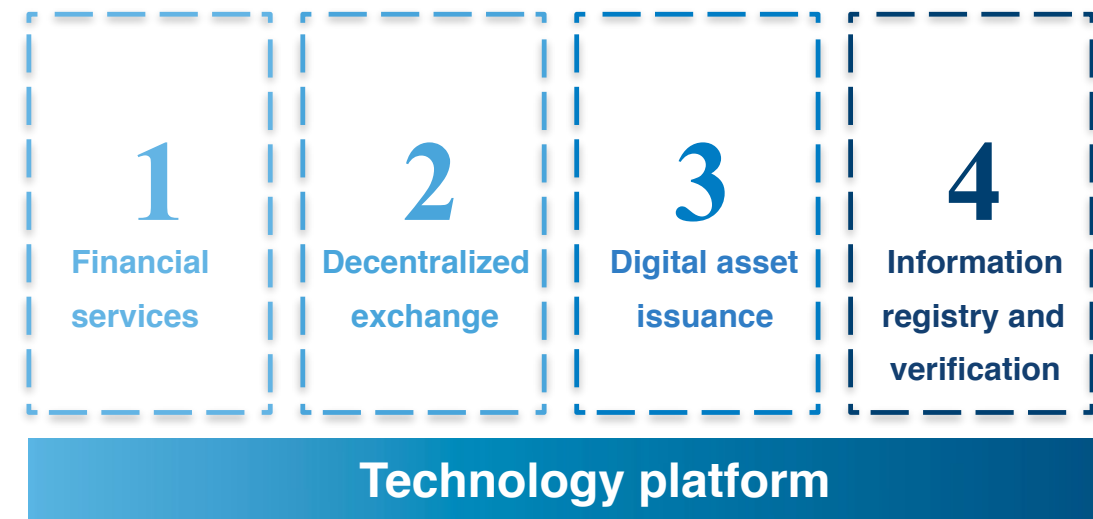


- First crypto-currency
- Secure and transparent value transfer
- Smart contract
- Expansion of use cases

- ✓ Commercial-scale performance
- ✓ Smart contract customisation
- ✓ Self-evolving capability
- ✓ Cross-chain communication

The next breakthrough in Blockchain technology is to establish a commercial-scale platform, to meet business requirements and spur commercial applications and innovation

## Grid : Future Grid Eco-system



# Highlights from Grid

## Self-evolving Main Chain and Side Chains

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

## Main Chain + N Side Chains

Fulfilling requirements of various commercial applications, reducing data redundancy

## Cross-chain communication

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

## Modular 'OS' system

Minimum viable system, Smart Contract Collection, unified account system

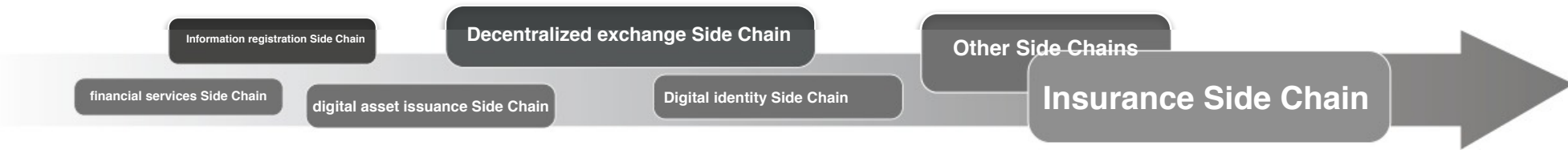
## Fast transaction processing

Parallel-processing + cloud service

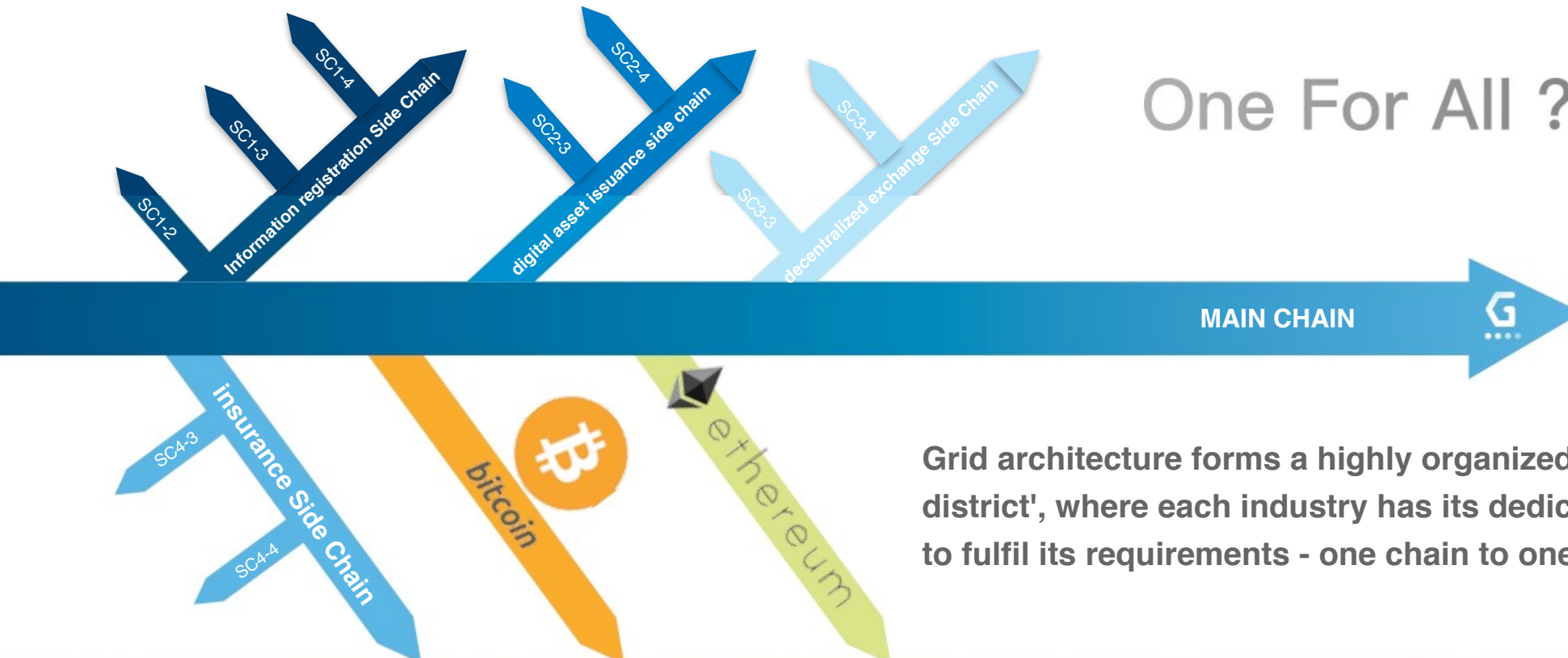


# Multi-chain structure: one chain to one business

reducing complexity



One For All ? NO!



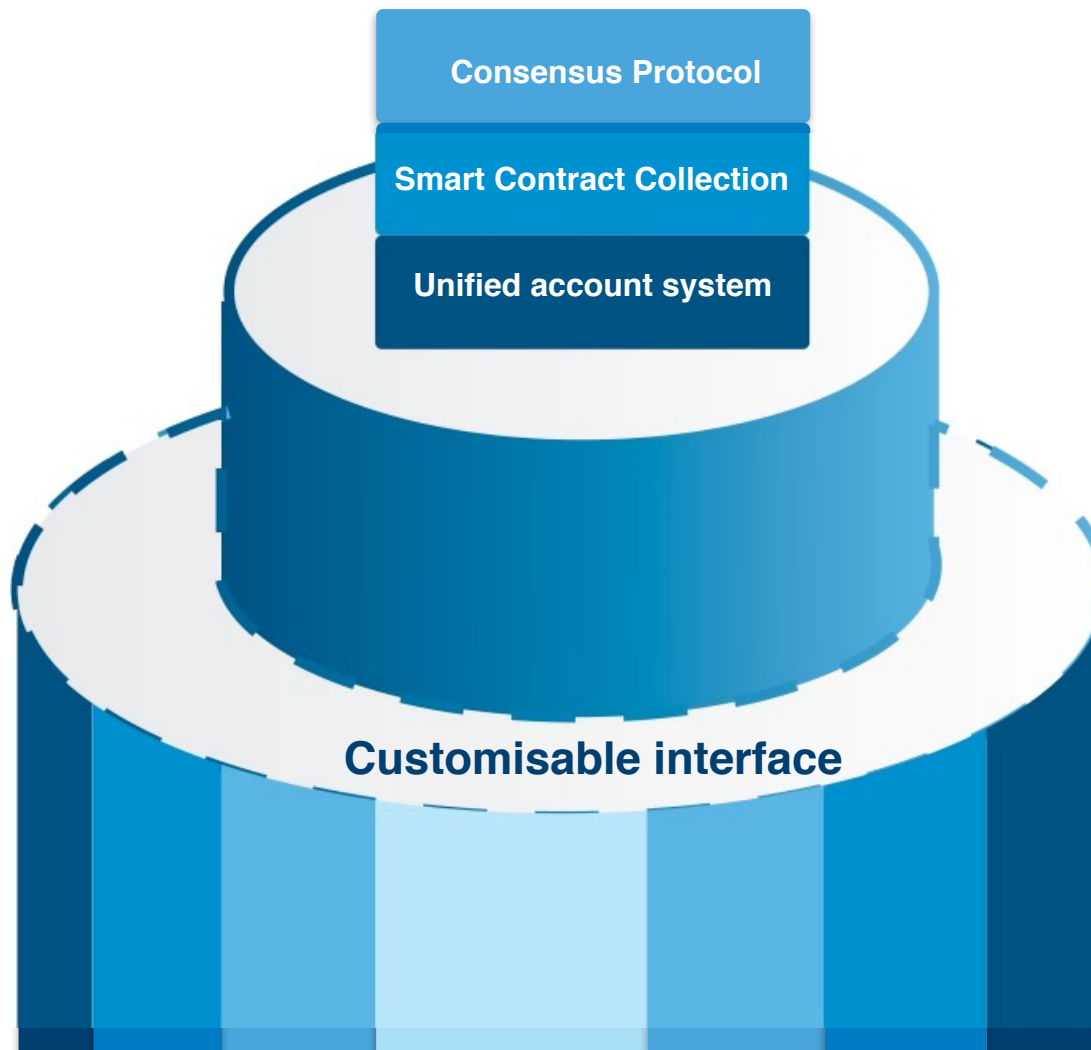
Grid architecture forms a highly organized 'central business district', where each industry has its dedicated Side Chain to fulfil its requirements - one chain to one scenario

# Modularized minimum viable Blockchain system



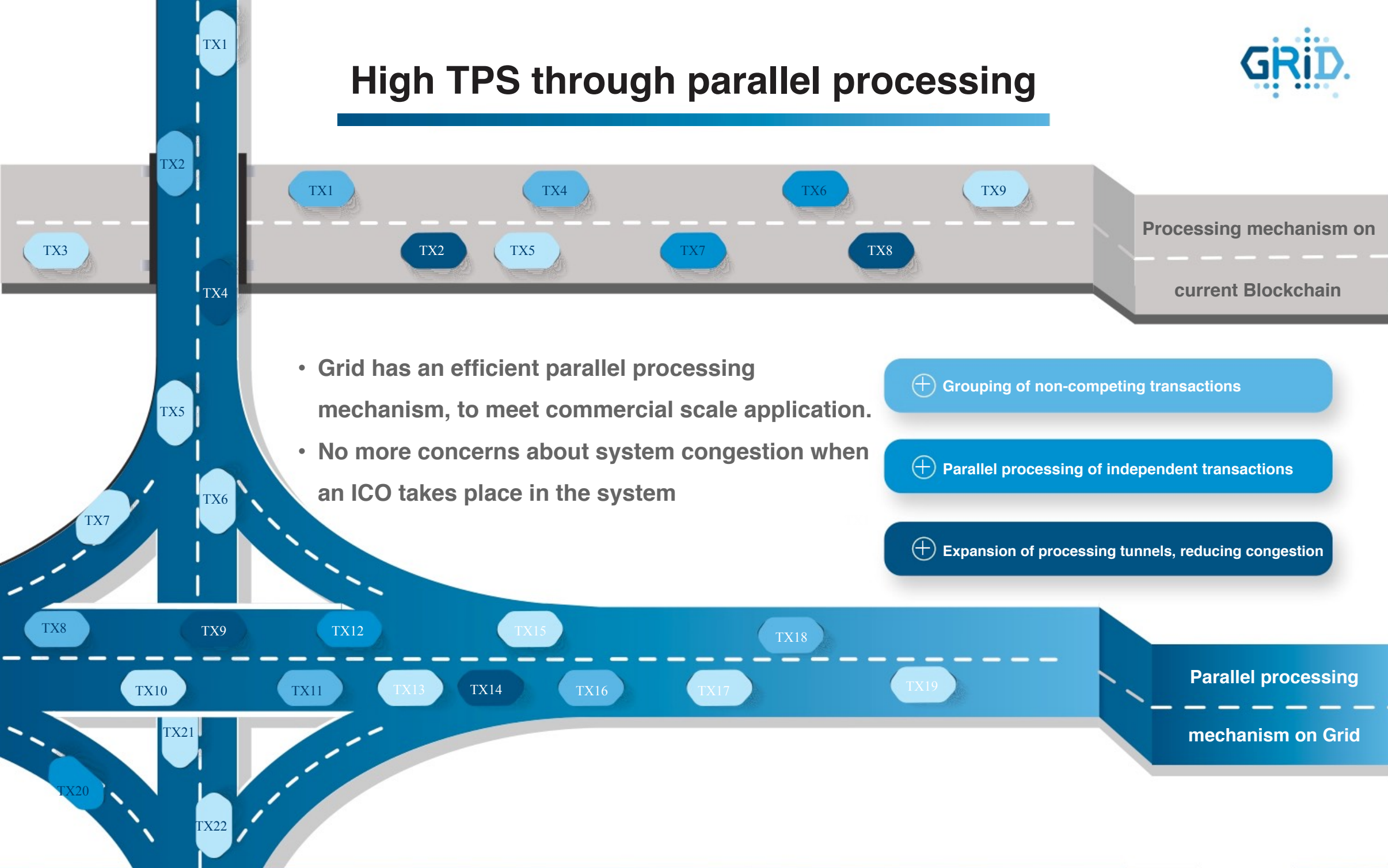
Succeed in ever-changing business environment and spur innovation

## Minimum viable Blockchain system



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

# High TPS through parallel processing



Processing mechanism on  
current Blockchain

- Grid has an efficient parallel processing mechanism, to meet commercial scale application.
- No more concerns about system congestion when an ICO takes place in the system

⊕ Grouping of non-competing transactions

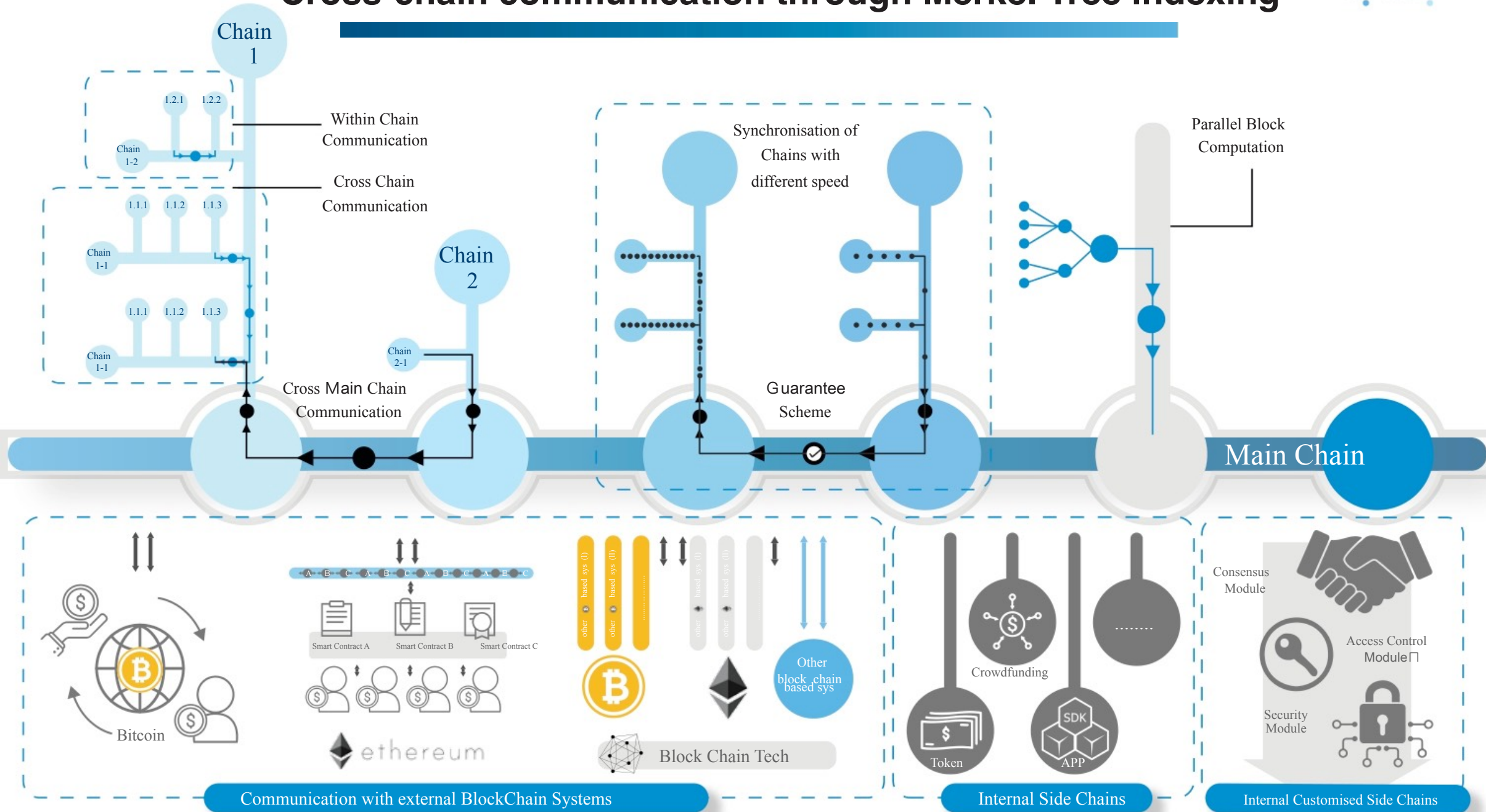
⊕ Parallel processing of independent transactions

⊕ Expansion of processing tunnels, reducing congestion

Parallel processing  
mechanism on Grid



# Cross-chain communication through Merkel Tree indexing



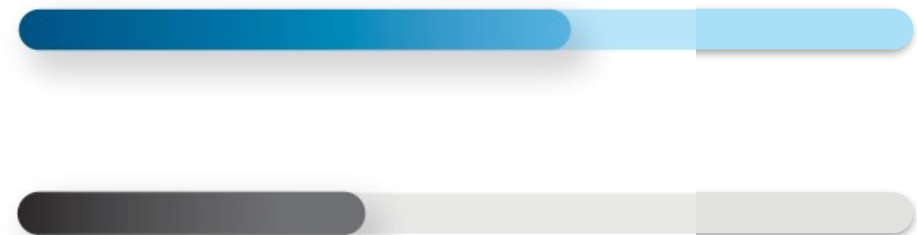


# Self-evolving through Consensus

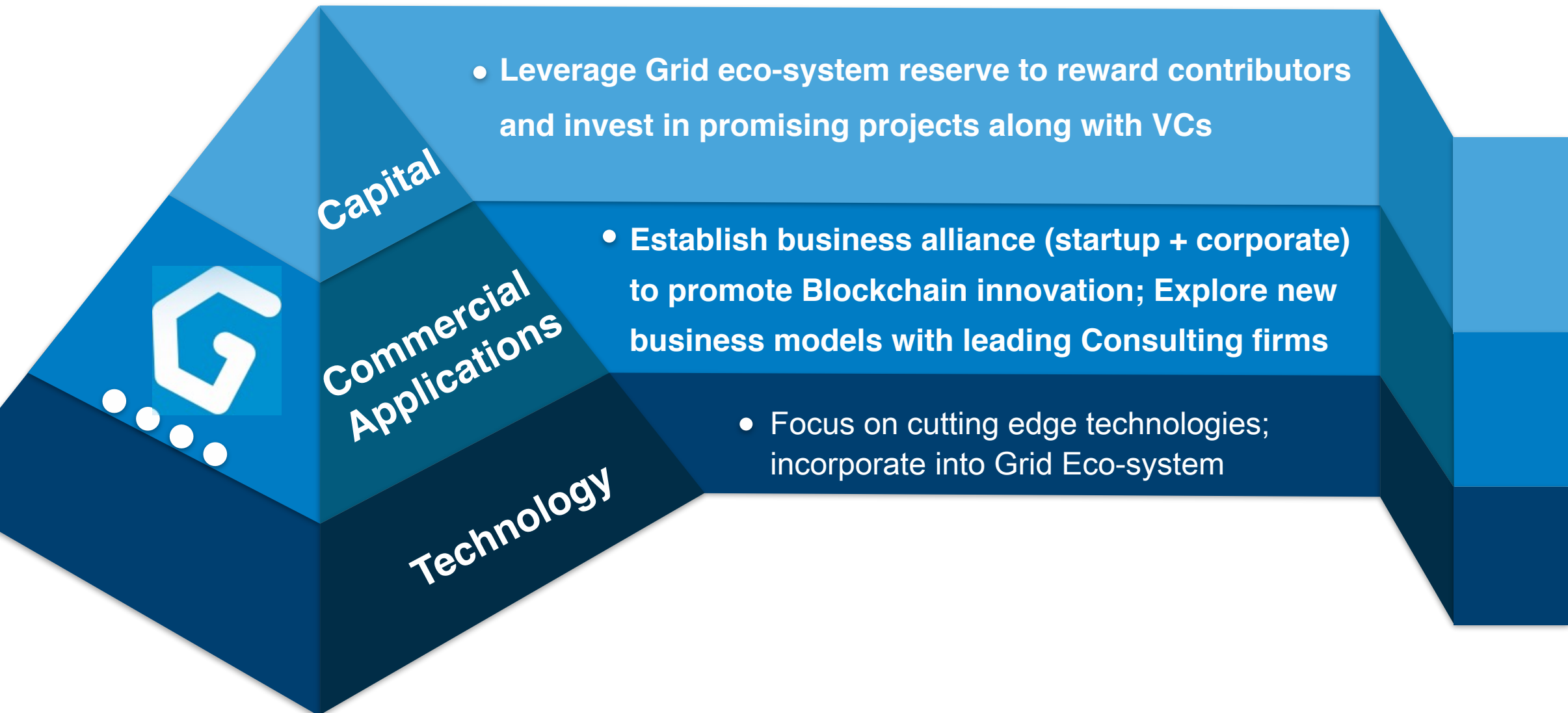
Promotes new Side Chain integration and new feature introduction



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



# The success triangle



# Governance

- Grid Foundation has been set up in Singapore as the Governance entity for Grid.
- As a non-profit entity, it promotes Grid 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.

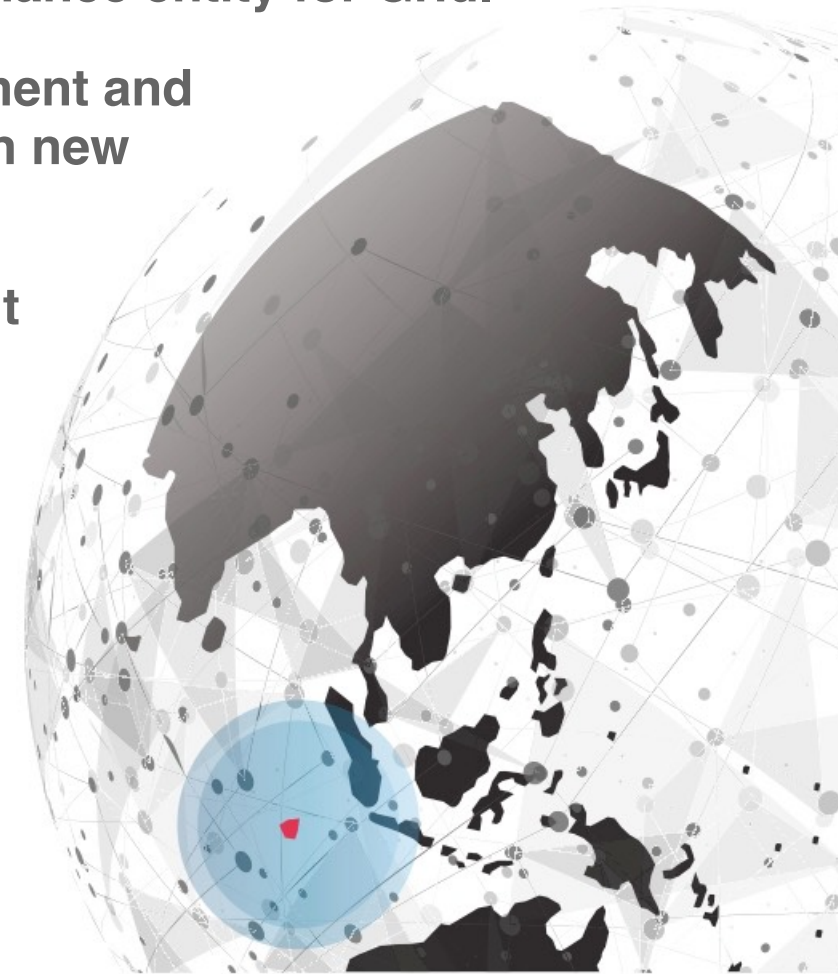
1.Token holders are members with annual fees

2.Token amount corresponds to voting rights

3.Establishes a decentralised 'Linux Foundation'

4.Attracts business, technical and capital partners

Open  
Source  
Foundation







Thank you.