



Introduction to Argentas

May 2019



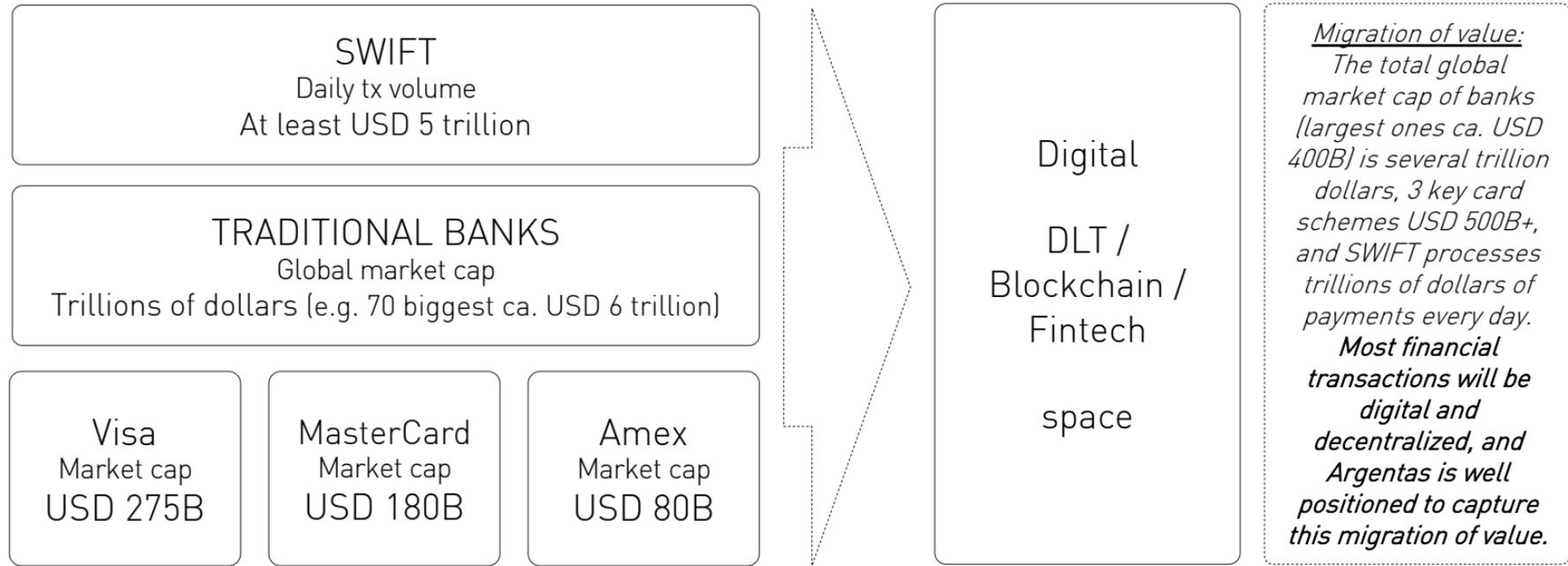


- In 2017-2018 we saw the boom and bust phenomenon of cryptocurrencies, where the excessively optimistic expectations about the actual business cases did not materialize, causing the valuations to deflate until late 2018, recovering a bit in 2019
 - Similarities to the bursting of the techno bubble almost 20 year ago, albeit much smaller
- The **limitations of the current generation of blockchains** were observed, as well as the opportunities and potential for the next generation of development
 - The time is not yet mature for a full-blown blockchain and digital currency operation on its own
- At the same time, **'normal' Fintech firms**, most often payment apps and online banks, tend to **run dependent of old-world infrastructure like Swift, Visa, MC and the like**
- Digital economy with **blockchain networks and cryptocurrencies cannot be operated in a vacuum**; at the same time, **Fintech firms cannot be truly groundbreaking, if they run "clip and paste" on the old-world infrastructure**
- The solution for today is a **'hybrid' solution** that presents a real business case for today, but is future proof for tomorrow: it **combines the best of both worlds, the next generation blockchain technologies with other advanced financial technologies**



The space we are in: Where does value-added come from?

Migration from old to new will inevitably happen like in many industries before





- Argentas is a global **end-to-end technology project with a robust business case** for both today and tomorrow, **helping transform money, banking and payments**
- It is neither merely a normal 'Fintech' project, nor it is only a blockchain project
 - Argentas **combines the 'best of both worlds' to create a powerful hybrid platform with the 3 dimensions of bridge (bank) entities, blockchain payment network and its digital currency**

Bridge bank
entities

Blockchain
payment network

Native digital
currency

Universal platform approach



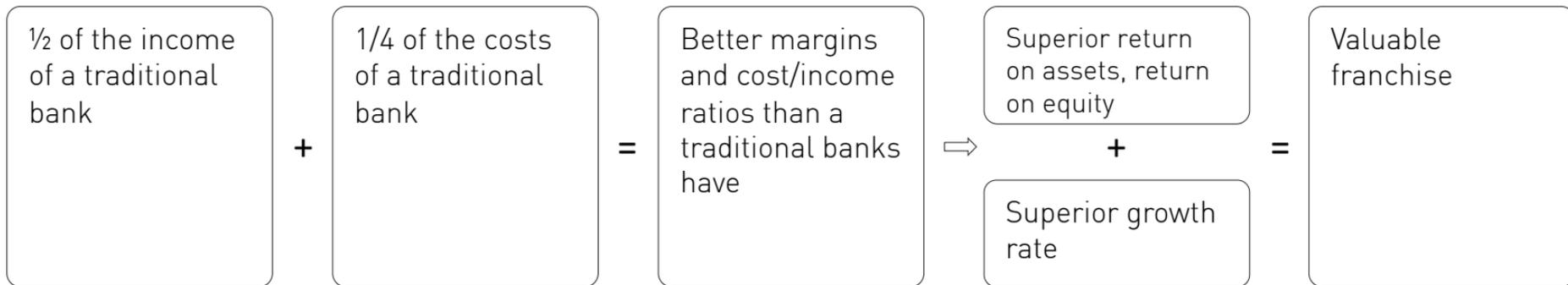
The role of a network bridge bank

Why a bank entity adds value for a network that will render banks useless?

- Banks can interface with and act as important bridges between the crypto economy and the traditional economy, holding balances of fiat money and other assets that are issued as network credit on the blockchain level
 - Boosting the growth of both traditional and digital realms
- Recent **bad treatment of digital currency users by traditional banks**, blocking access to their payment, card and other services, makes it urgent to create banks that **understand the needs of the digital economy**
- Such model bank will run an **entirely digital online platform eventually leveraging machine learning / artificial intelligence** and minimize human intervention
 - In the long run such entities will evolve into fully automated entities

Business model efficiency of bridge entities

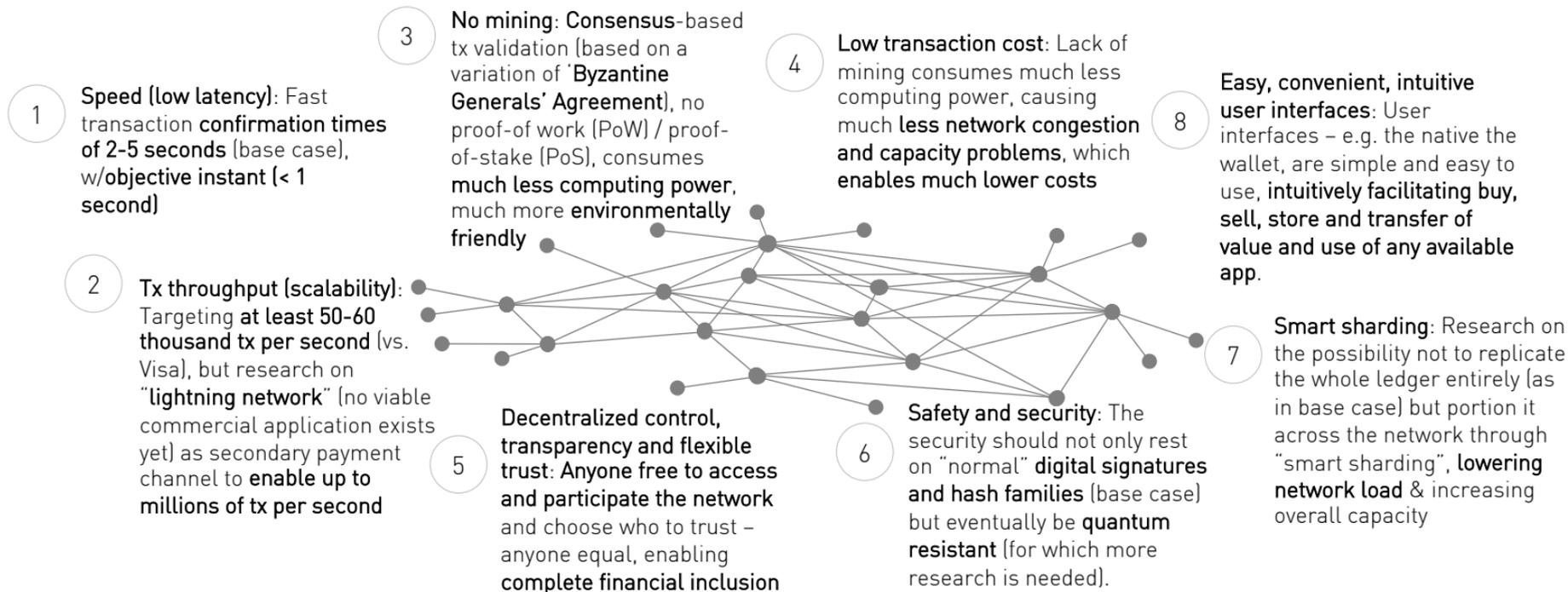
Superior value generation when business model scaled up with volume





Next generation approach to blockchain

Argentas DLT network “HydraNet” description





How does it look like?

Argentas HydraNet Open Ecosystem: A visual presentation

Network gateways / bridges function as a bridge between money / any traditional assets of value and the HydraNet, where HydraNet can be used to transfer any asset of value that is stored at the gateway by the holder of the asset; if HydraNet's own native digital asset is used, there is no counterparty risk, because HydraNet is open, decentralized and not owned or controlled by anyone.

Network gateway type:
Consumer Crypto Wallets
e.g. HydraNet Wallet

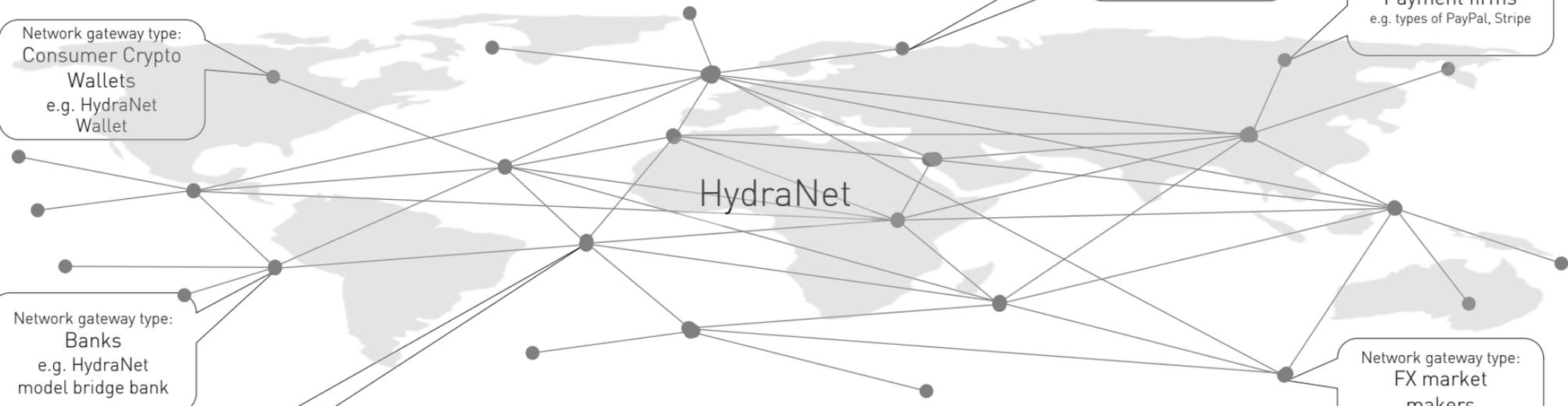
Network gateway type:
Banks
e.g. HydraNet model bridge bank

Network gateway type:
Crypto/FX Exchanges
e.g. HydraNet Exchange

Network gateway type:
Corporates
e.g. groups managing global cash pools

Network gateway type:
Payment firms
e.g. types of PayPal, Stripe

Network gateway type:
FX market makers
e.g. FX trading firms, funds



HydraNet, based on the open source Hydra Protocol, is operated on a decentralized network of computers (nodes) running the distributed Hydra Ledger. The native 'digital asset' of HydraNet enables free, real-time and global transactions, but also currency-agnostic transactions, which enables HydraNet to replace e.g. SWIFT, VISA and MasterCard – traditional closed-end payment networks, and enable anyone to participate the open Hydra ecosystem directly or via a consumer or business gateway (HydraNet Wallet, direct consumer interface to HydraNet including Hydra and an universe of crypto and other currencies, HydraNet Exchange, enabling any conversion between digital and fiat currencies (also within HydraNet directly), or a network bridge Bank enabling crypto and 'normal' banking for the participants in the cryptoeconomy (HydraNet is open to any bank, wallet, exchange – Hydra's own gateways are non-privileged examples of the network gateways), as well as direct merchant, corporate, institutional or other bank participation. HydraNet transactions are confirmed virtually in real time in large volumes, utilizing consensus validation mechanism that is low in energy consumption compared to the heavily energy-intensive bitcoin mining "proof-of-work" validation of transactions.



The Argentas Project is about fulfilling our mission We have all what it takes to deliver with success

#1

Passion for what we do – inspired by the opportunity to truly transform global finance ✓

#2

Our deep & wide competence & experience in banking, payments & other financial services ✓

#3

Technology - our technological competence and track record in creating successful Fintech platforms ✓

#4

Innovation and creativity - our ability to create and innovate and make real entirely new, pioneering things ✓

#5

Style & substance – our aesthetic capability to create sleek things of quality that look & feel good inside out ✓



We are here to make global financial services faster, cheaper, simpler, more convenient, accessible and secure, and to offer it all with *style and substance*.