



Dataswyft Group

Data

Technology
Network





Speed
Access
Quality



Dataswyft Group

We are a data technology and network group with a mission to unlock the value of data.

We do so by enabling *everyone* (individuals, SMEs and enterprises) to produce, store, process, use and share their decentralized, self-sovereign data.

We provide our clients with *transformative capabilities* to achieve commercial and social impact with data.



Market Drivers

An unprecedented volume of data has been generated in the last 3 years as digital interactions soar.

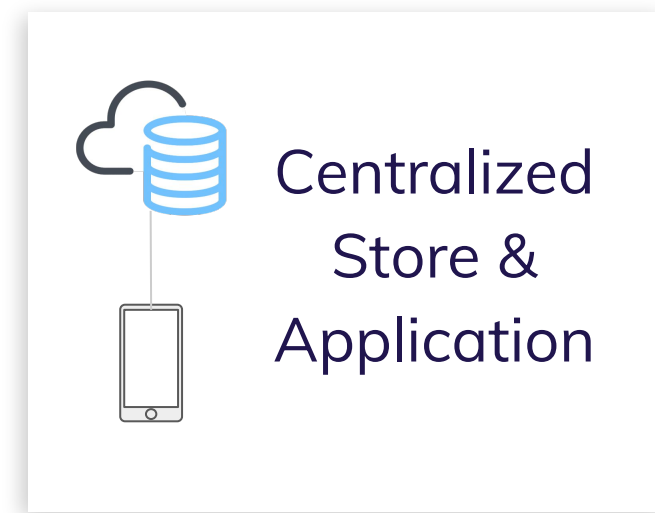
The value of data is increasing as more businesses understand its power.

The legal and social barriers to using data have also become a huge challenge.

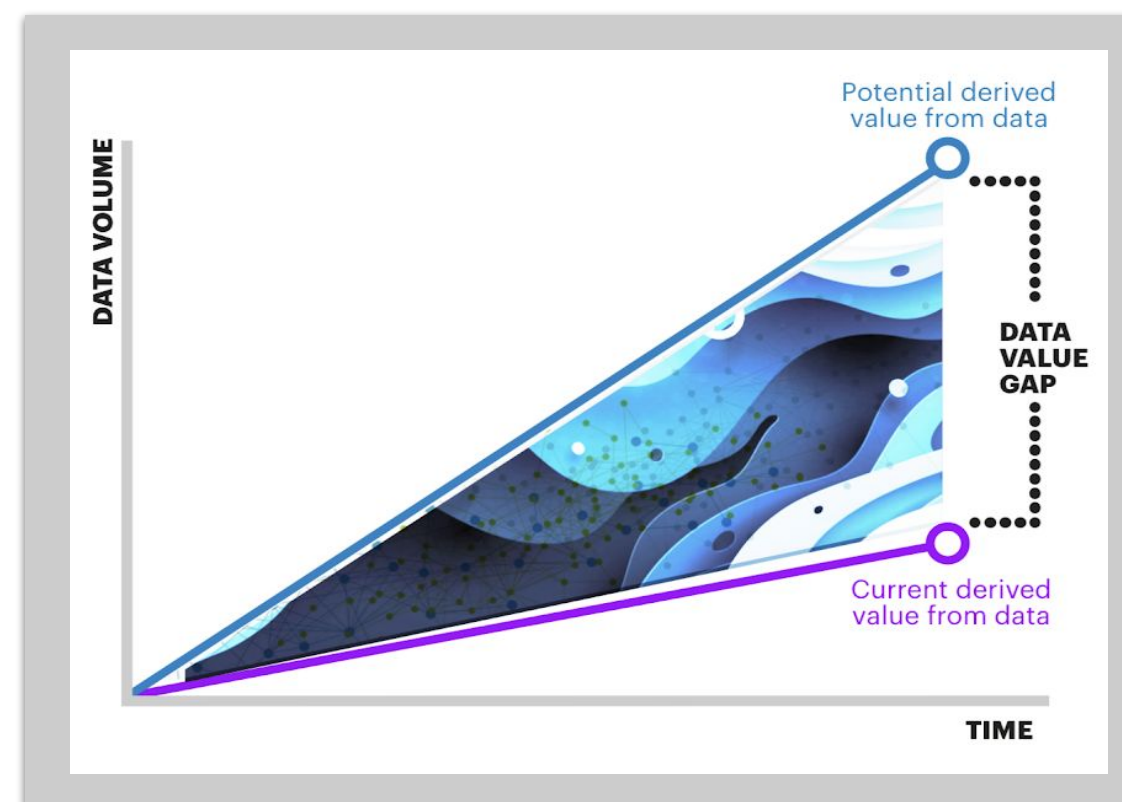
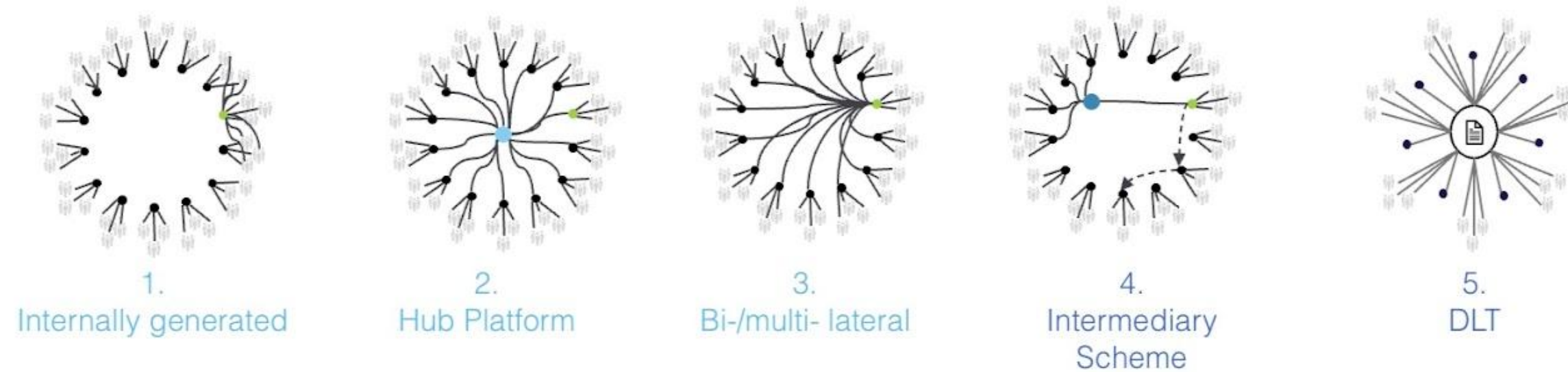
Guardrails are needed to ensure data usage markets does not get perverted.

This has increased the cost and friction of data usage.

As a result, data's value as a productive asset is failing to be realised



Data Architectures for centralized data gathering and sharing



\$7tr

Source: Accenture

Limitations of Centralized Web 2.0

Centralized producers of data (e.g. health, finance, HR, tourism, education and many other service providers) have applications that are tightly coupled with their data storage, resulting in data being siloed.

The data sharing architectures for such centralized data are unscalable, leaving a potential of \$7tr on the table.

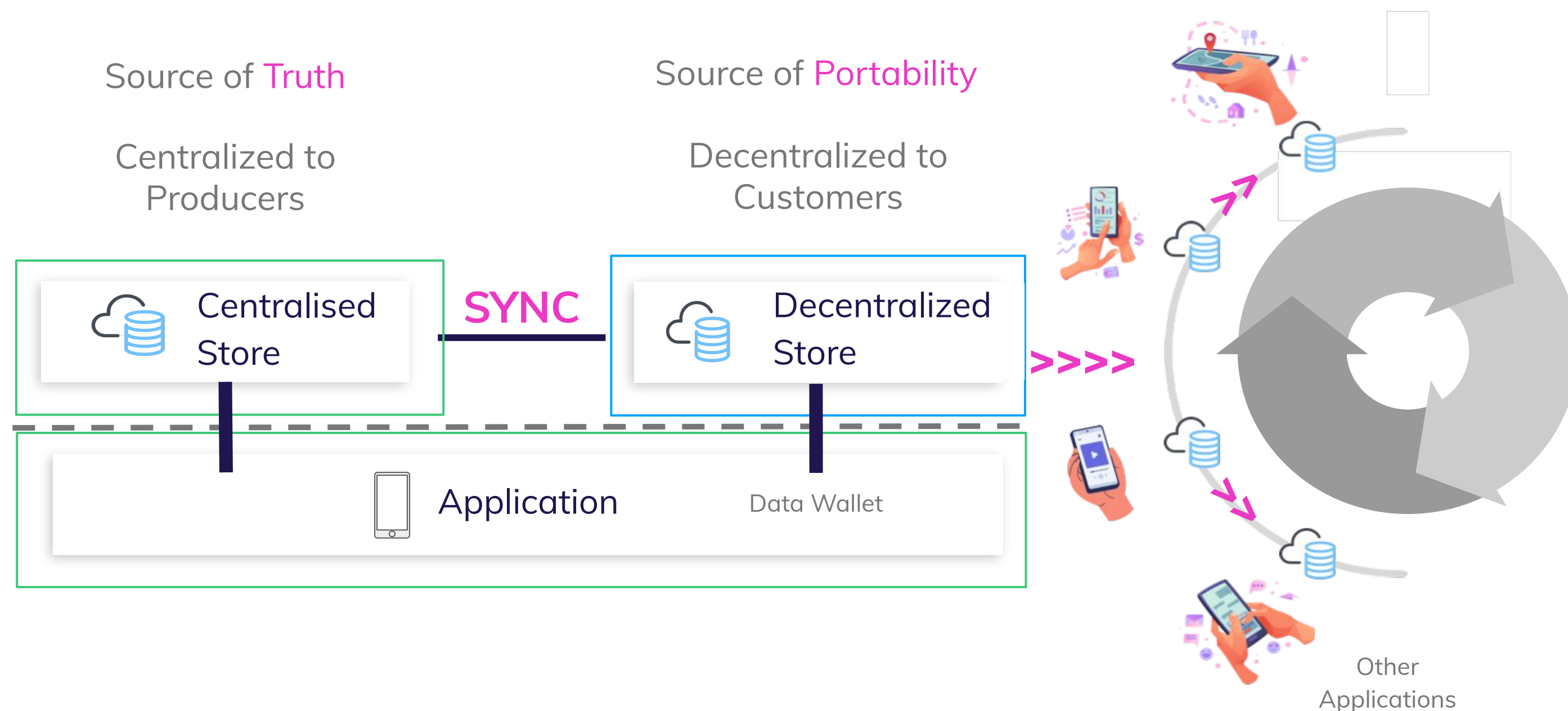
The Web3.0 Solution: Separate data from application

When data is separated from the application, it can be stored both in a centralized store **and** a decentralized data store.

This enables the data to have greater mobility, with multiple application/websites given permissible access to different types of data in the decentralized store, and emerging a new Web 3.0.

Greater mobility unlocks the data's true potential value to create commercial and social impact, as well as providing original data producers with new revenue streams.

All this, without the need for blockchains.

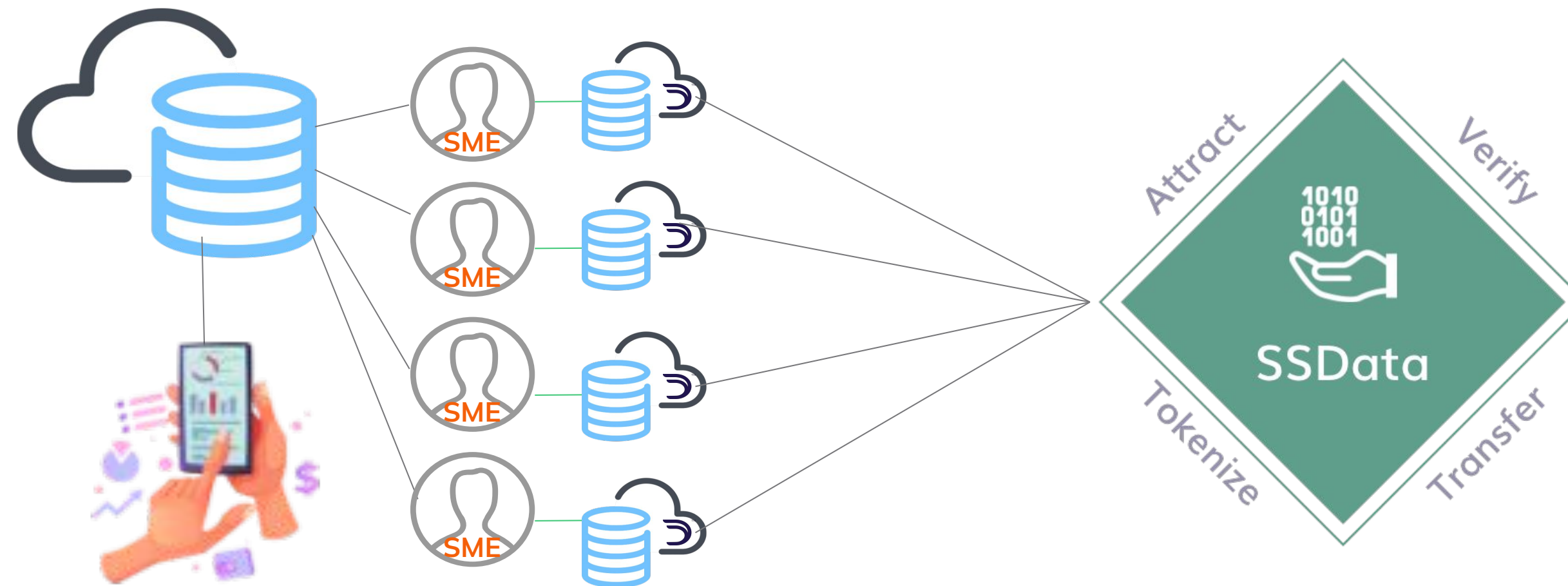


Dataswyft's Decentralized Data Store creates “Self-Sovereign Data” (SSData)

Dataswyft's decentralized data store is special because it creates self-sovereign data.

Self-Sovereign Data is a special legal class of data where data subjects have IP over the data, thereby enabling them to share data with third party organisations directly and within minutes, without the legal and technical complexity of such organisations needing to integrate with the original producer.

This means the use and sharing of data is able to scale.

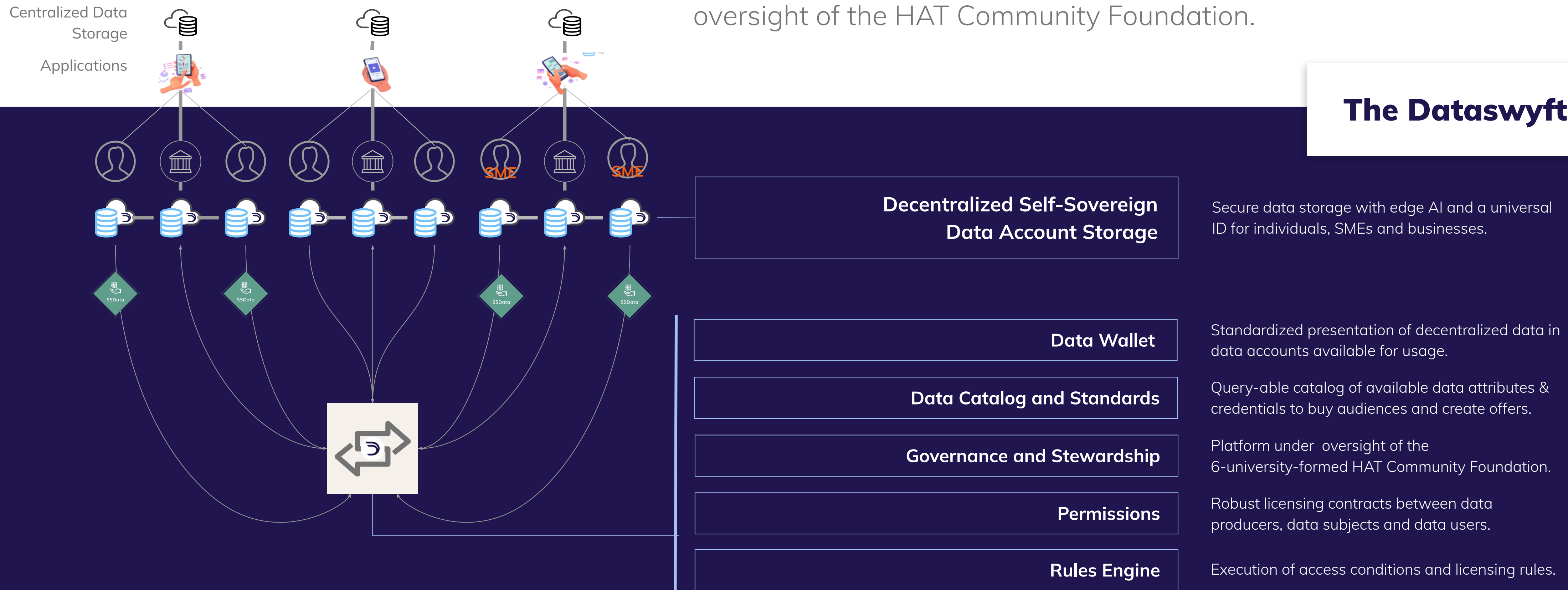


Danatzis, Ilias, Melissa Akaka, Jennifer Chandler and Irene Ng, (2023), “Designing Digital Platforms for Social Justice: Empowering End-Users through the Dataswyft Infrastructure Platform”, MIS Quarterly, forthcoming

Our Technology

Patent-finding Legal Entity Decentralized Data Server Infrastructure for storage, processing and exchange of data between individuals, SMEs and enterprises. Created and informed through more than £50m U.K. research funding. Under oversight of the HAT Community Foundation.

The Dataswyft System



THE UNIVERSITY
of EDINBURGH

University of
Kent



The
**Alan Turing
Institute**



UNIVERSITY OF
CAMBRIDGE

UNIVERSITY OF
EXETER



The University of
Nottingham



>£50m of grants

Our Product

Decentralized, Self-Sovereign Data Accounts

We enable the storage of sensitive personal identifiable information (PII) in secure data accounts with privacy-preserving user access, control and sharing.

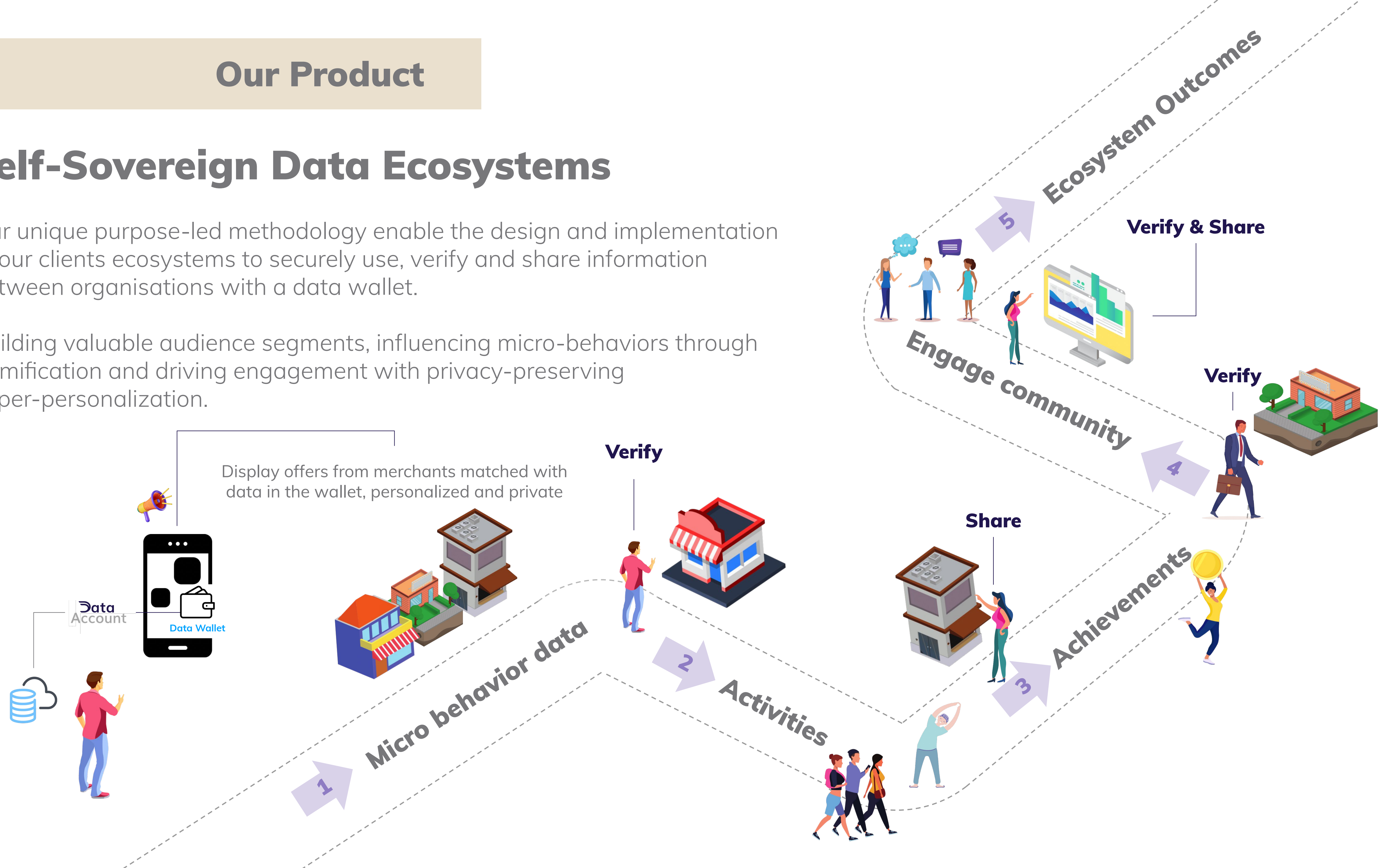


Our Product

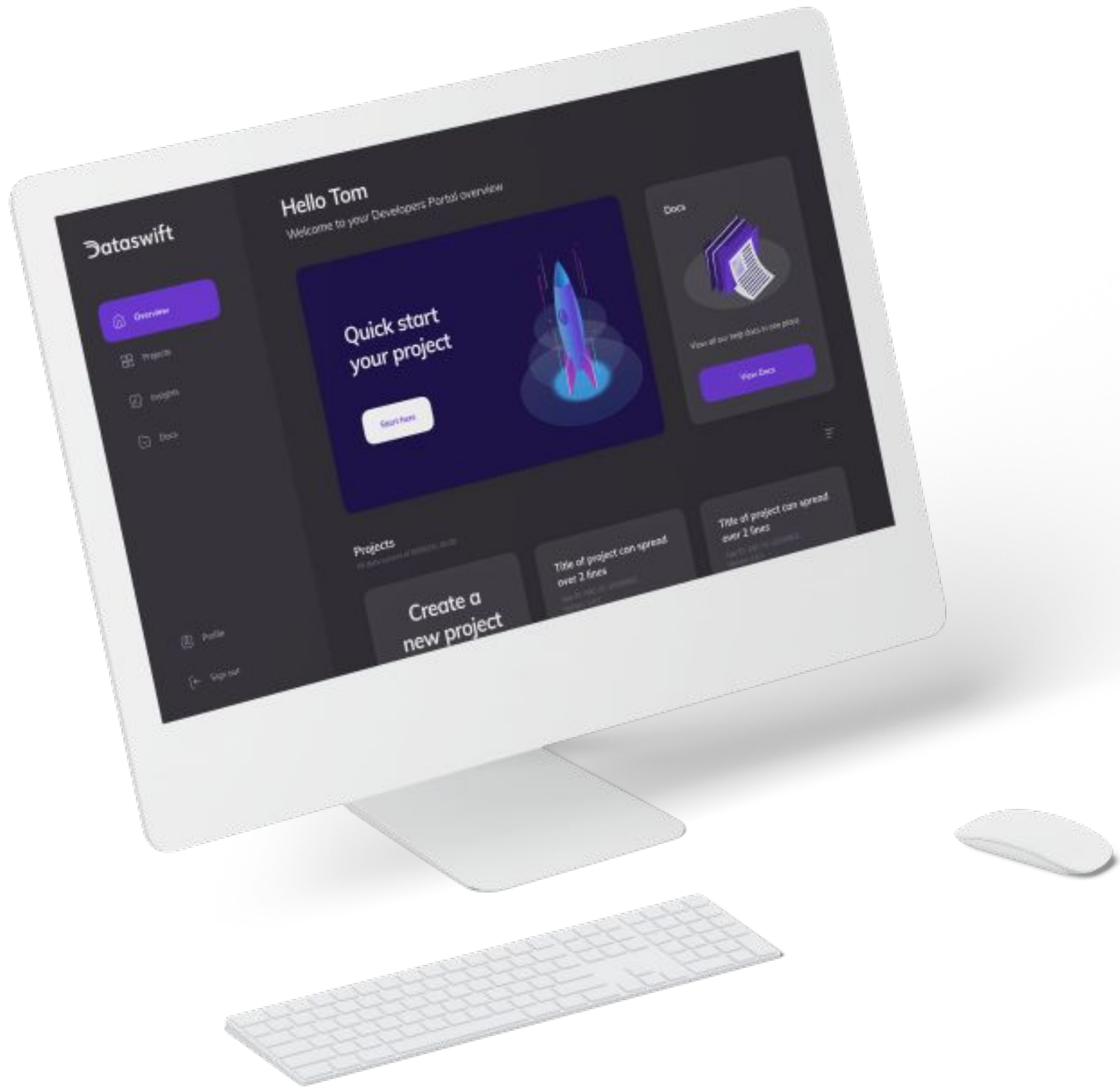
Self-Sovereign Data Ecosystems

Our unique purpose-led methodology enable the design and implementation of our clients ecosystems to securely use, verify and share information between organisations with a data wallet.

Building valuable audience segments, influencing micro-behaviors through gamification and driving engagement with privacy-preserving hyper-personalization.



Our Services



Visit our HATLAB Studio Microsite

Web3 Innovation with our HATLAB Studio

We provide guided programs and tutorials for the design of self sovereign data assets, data wallets and data ecosystems.

Our community of clients and partners provide sandboxes, code and tools to shorten development time and get your solution out quickly.

We host special interest groups to craft new decentralized data networks for regulated and unregulated data assets, working with policy makers, industry leaders and regulators.

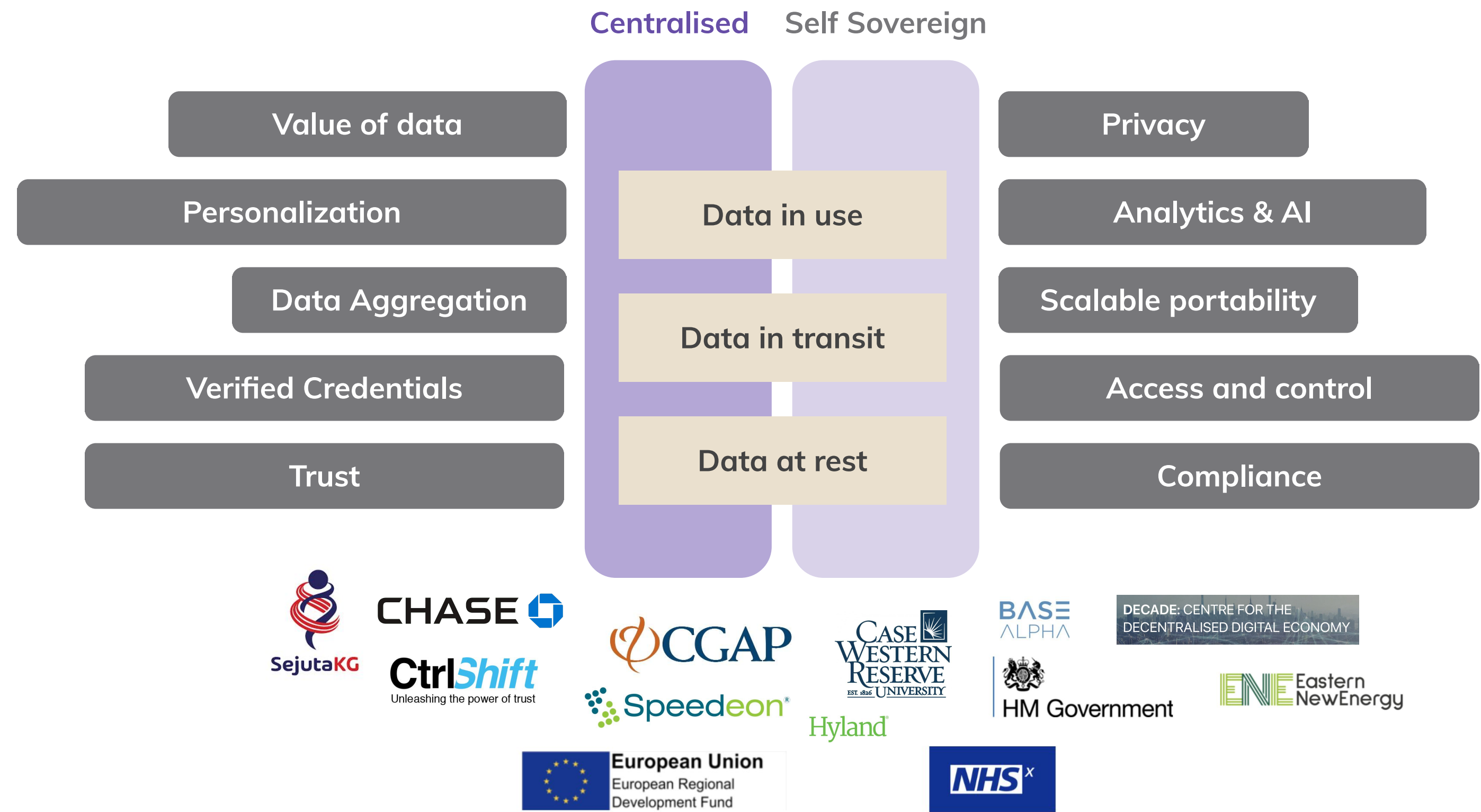
Data Ecosystem Program

Transformation Program

Incubation Program

Social Impact Program

Our Practice



Data Architecture and Solutions

We work with some of the world's largest organizations on the use and value of data.

As a recognised leader in the technology, governance & economics of data

Our Practice

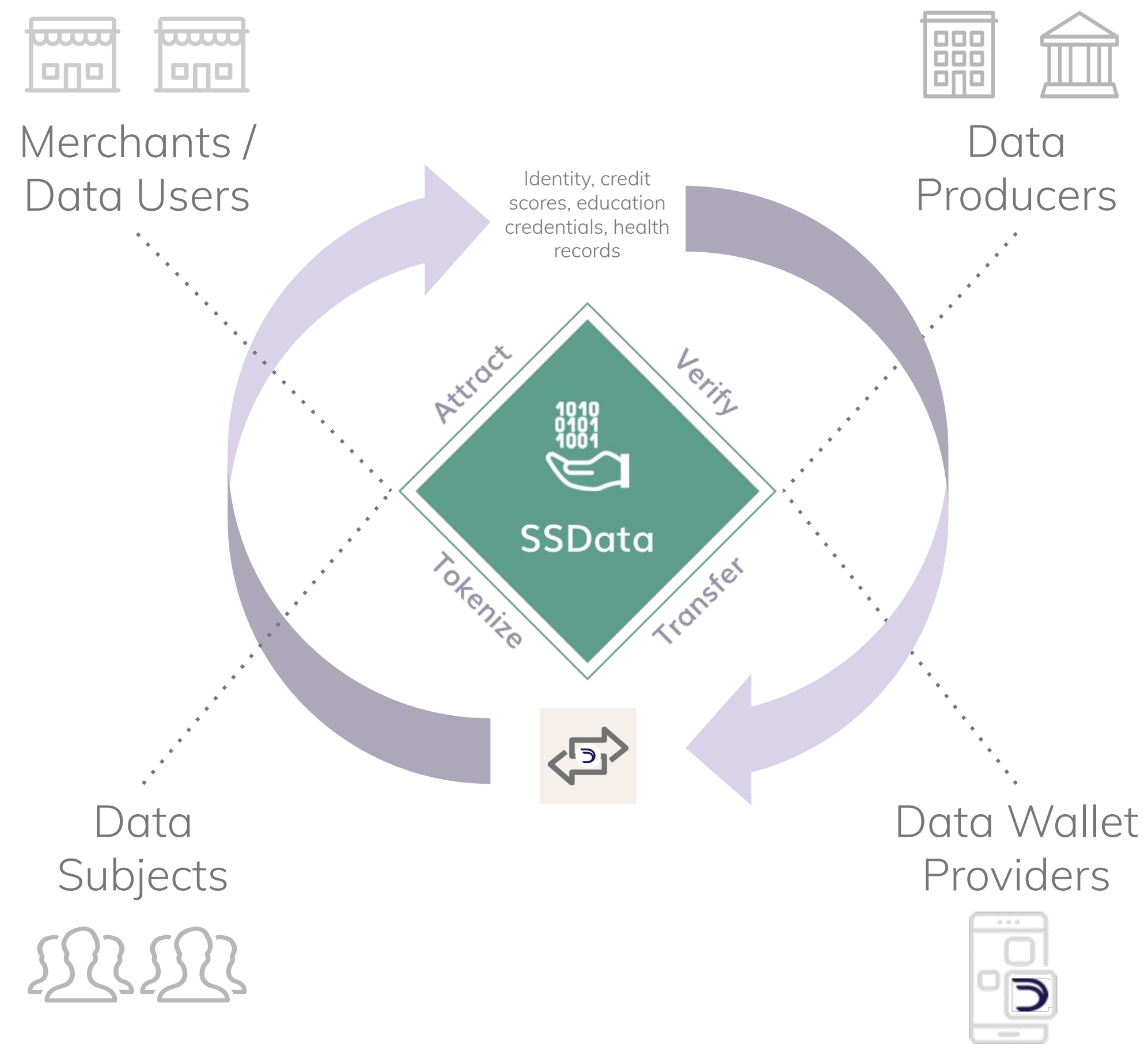
We work with regulators to establish **schemes** as trust anchors for data portability.

Advising multi-ecosystem network stakeholders on the data conduct of ecosystem players and the rules governing the use and portability of sensitive self-sovereign data.

Identity
KYC
Health records
Income
Credit score
Skill credentials
Certifications



The Network



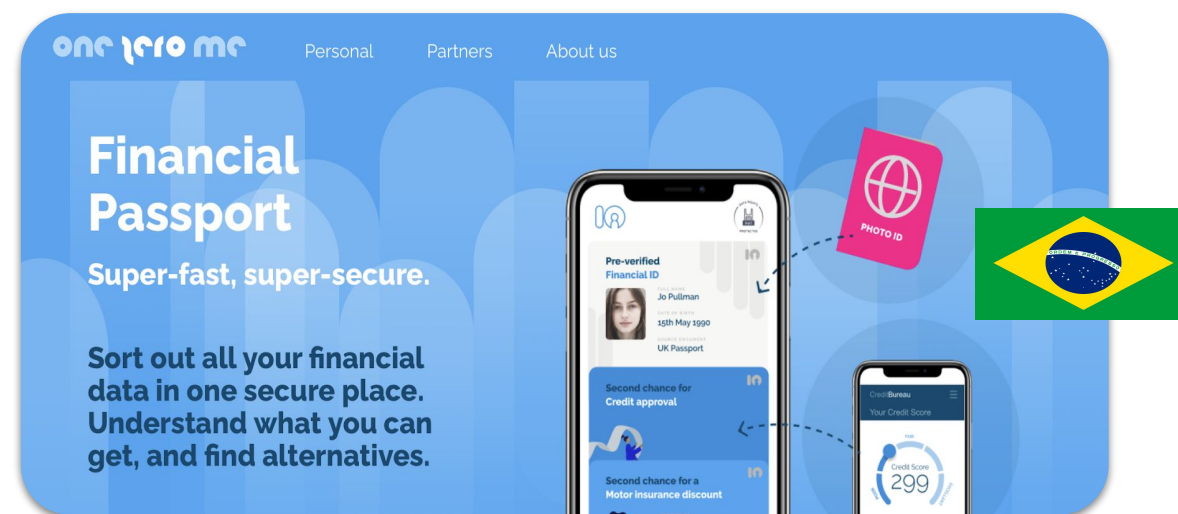
Portable, Interoperable and Scalable

The Dataswyft Decentralized Data Network enable data to be liberated by data producers for productive use.

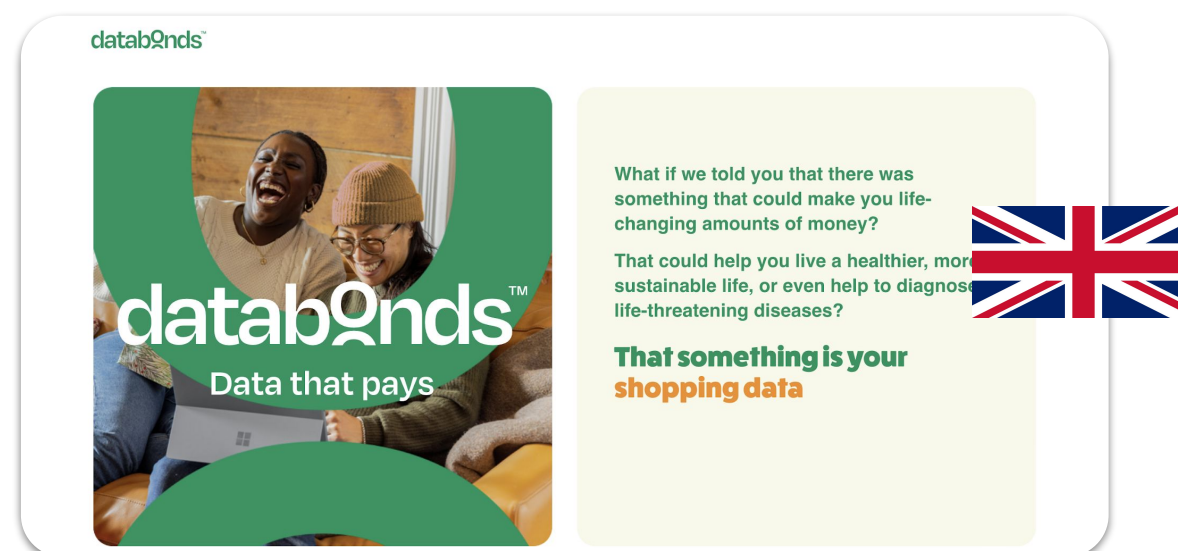
Our Data Wallet Providers work with ecosystem owners to deliver the best in class technology and data solutions.



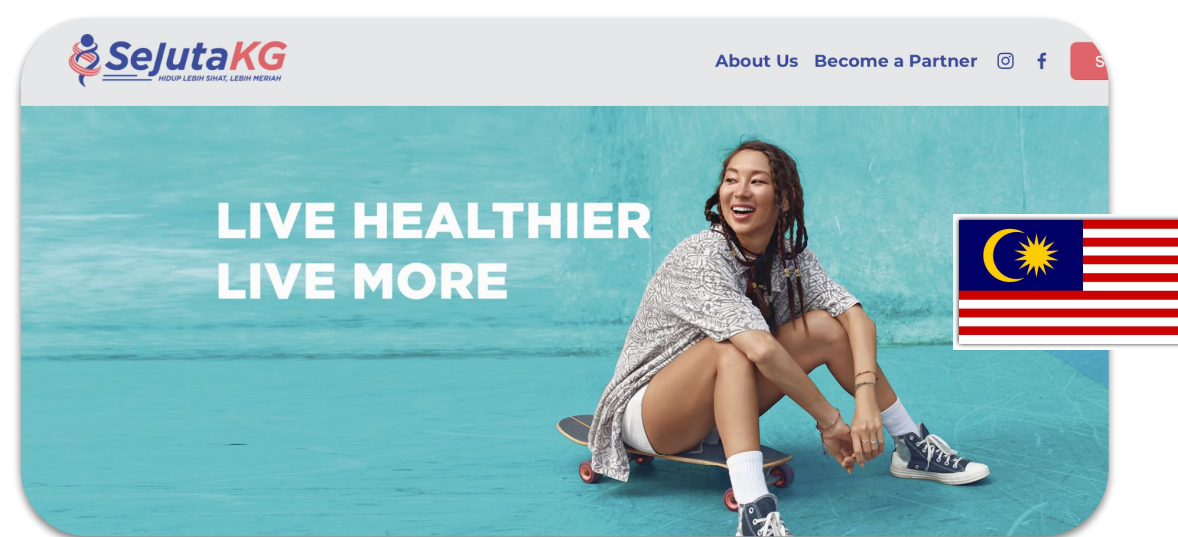
Our Impact



Increasing micro lending in Brazil for the unbanked



Putting back more in every shopping basket in U.K.



Promoting healthier living with micro behavioral change in Malaysia

The Data Observatory

Enabling Social Justice through measurable behavioral change

The data observatory is a collaboration to shape the self-sovereign data economy globally through evidence based impact

Funding and managing sustainable micro-economic engineering projects, research, policy outreach and education.

Our goal is to emerge a new **data economy**

When data is self-sovereign, individuals and SMES own not just their private information but they also own a digital form of their own behaviours such as financial, health and learning behaviours. This can be revealed to businesses for benefits, creating market power.

Dataswyft's goal is to create a “bottom-up” data economy that empower individuals and SMEs with their own self-sovereign data, and emerging a new set of services and businesses on the self-sovereign data that would create a more equitable distribution of economic growth than the current “trickle down” economy.

We call this the Data Economy 2.0

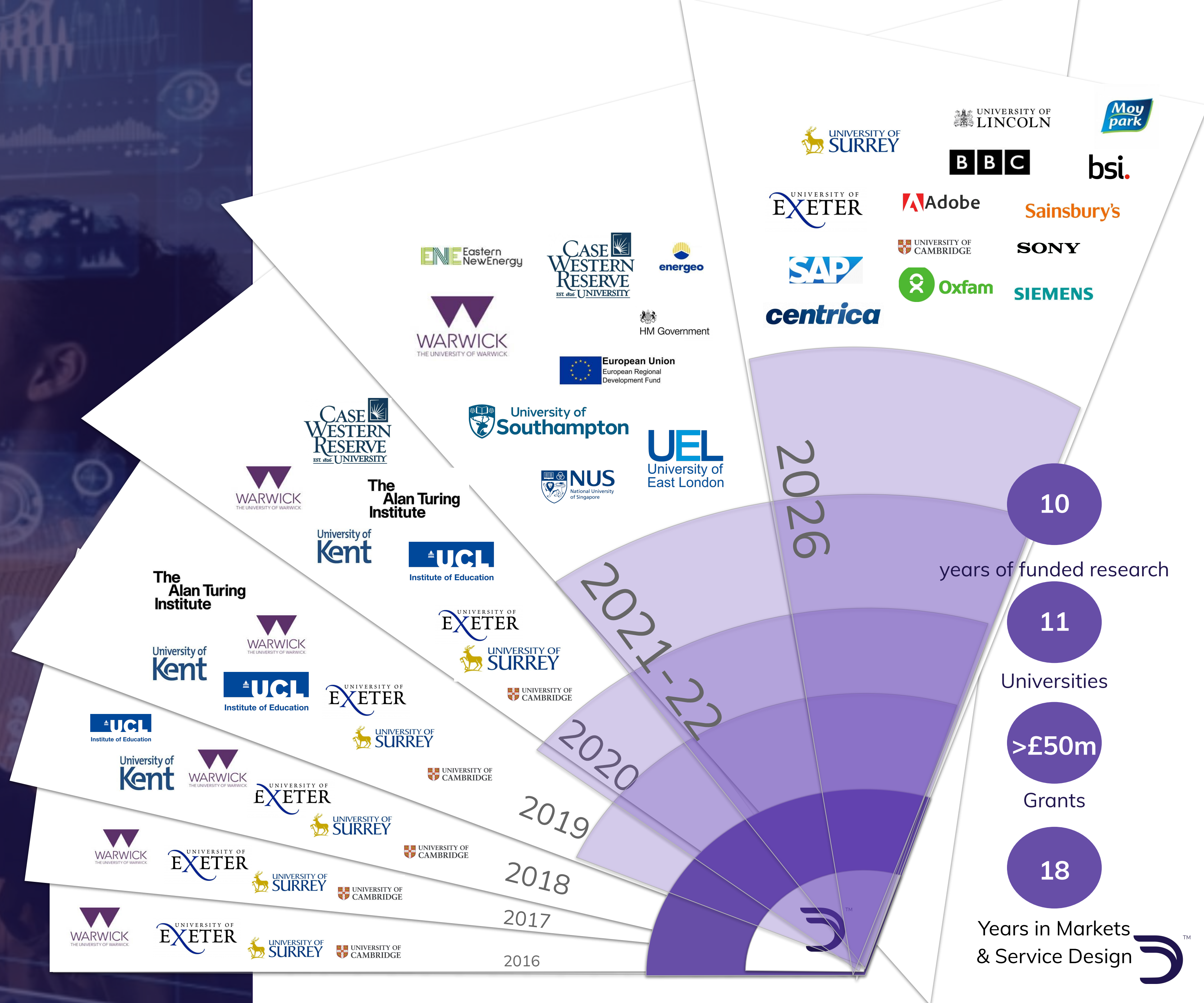


Our Foundations

Research-led, future-focused

With multiple U.K., US and Singapore universities collaborating on the legal, economic, governance and technical infrastructure of data

Visit our Open Sourced Projects



Dataswyft Technology (HQ: Cambridge, U.K.)

Our Technology company steer the markets for self-sovereign data.

STRATEGY & POLICY

Working with regulators and policy makers on digital, data and tax policies.



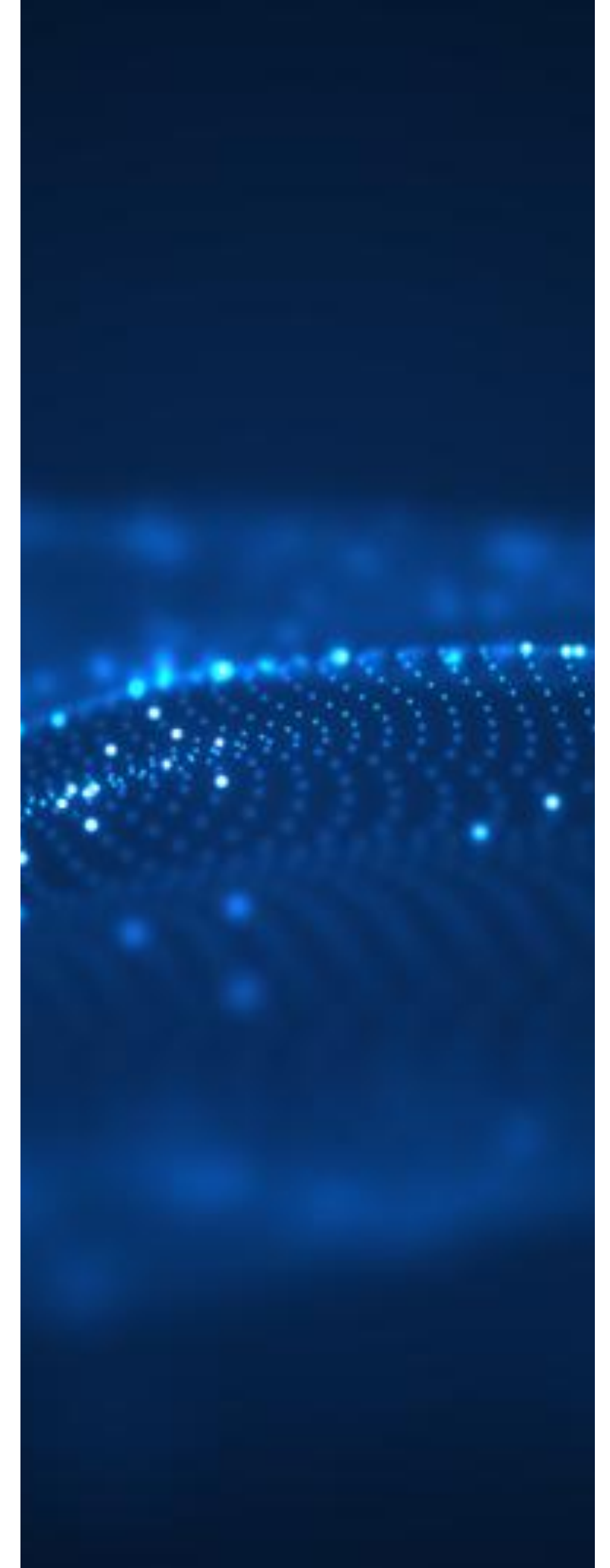
THOUGHT LEADERSHIP

Advising global clients on the future of data and the digital economy.



LICENSING, R&D

Licensing our patent pending self sovereign data account infrastructure for global networks.



Dataswyft Network (HQ: KL, Malaysia)

Our Network company work with partners to grow the value of self-sovereign data.

NETWORK DATA TECHNOLOGY

We provide self sovereign data accounts for safe, secure and compliant storage, usage and sharing of data.

NETWORK DATA SERVICES & ECOSYSTEM

Our Data services enable privacy preserving AI and the matching of data attributes with merchants to build strong ecosystems with a data wallet.

NETWORK MARKETING

Our Network Marketing team support our client ecosystems in creating purpose-led campaigns and events, driving engagement, gamification and hyper-personalization.



Management Team



Irene Ng

Founder & CEO

Founder of Empress Cruise Lines exited after building to \$2BN annual turnover; former CEO of SA Travel

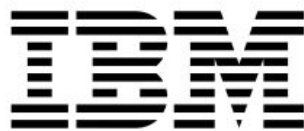
Prof. of Marketing & Service Systems at Warwick University, author of “Creating New Markets in the Digital Economy”



Tyler Weir

CTO

Serial Founder of multiple successful start-ups, formerly a senior engineer / developer at Askuity, IBM & VMWare



Tze Wye Lim

CFO

Experienced financial professional with experience in IPO, M&A, stakeholder mgt across industries verticals as well as finance, tax planning, governance and compliance from startups to MNCs



Kit San Yong

COO-elect

30+ Years in Business and Consulting Leadership; turnaround of SEA ops of global psychometrics company to contribute 20% global profits before trade-sale; designing organization culture, talent and structure pre-IPO and post M&A



Chris Tan


Chief Delivery Officer

30 years of senior leadership across marketing, sales & technical domains for IBM Asia


Track record in IT, Financial Services, Travel & Transportation and SMEs




Academic Co-Founders and Advisors





[Professor Glenn Parry](#)
University of Surrey
Co-investigator of DeCADE, £12m UKRI
Centre for Decentralized Digital Economy





[Professor Jon Crowcroft](#)
University of Cambridge
One of the fathers of the Internet,
invented VoIP, network protocols for rural
broadband. Fellow of the Royal Society.








[Professor Roger Maul](#)
University of Exeter
Professor of Management
Systems and Co-Director of
\$12m, UKRI DIGIT Lab



Advisory Board





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Chief Investment Officer, Natixis

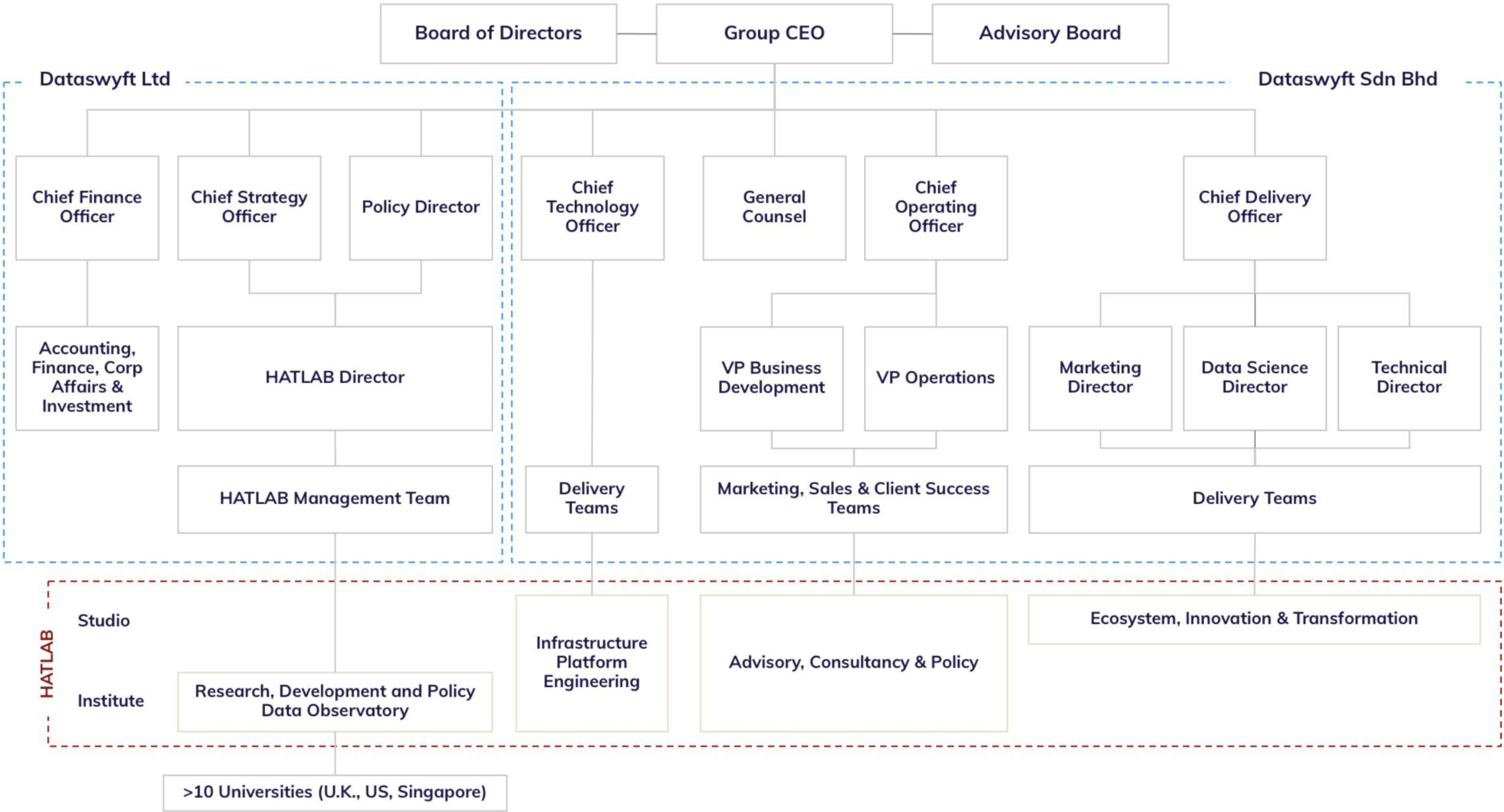
[David Boyle](#)
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[Col \(Rtd\) Sukh Chopra](#)
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[Nick McMahon](#)
Board Advisor

Group Corporate Structure



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Get In Touch



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