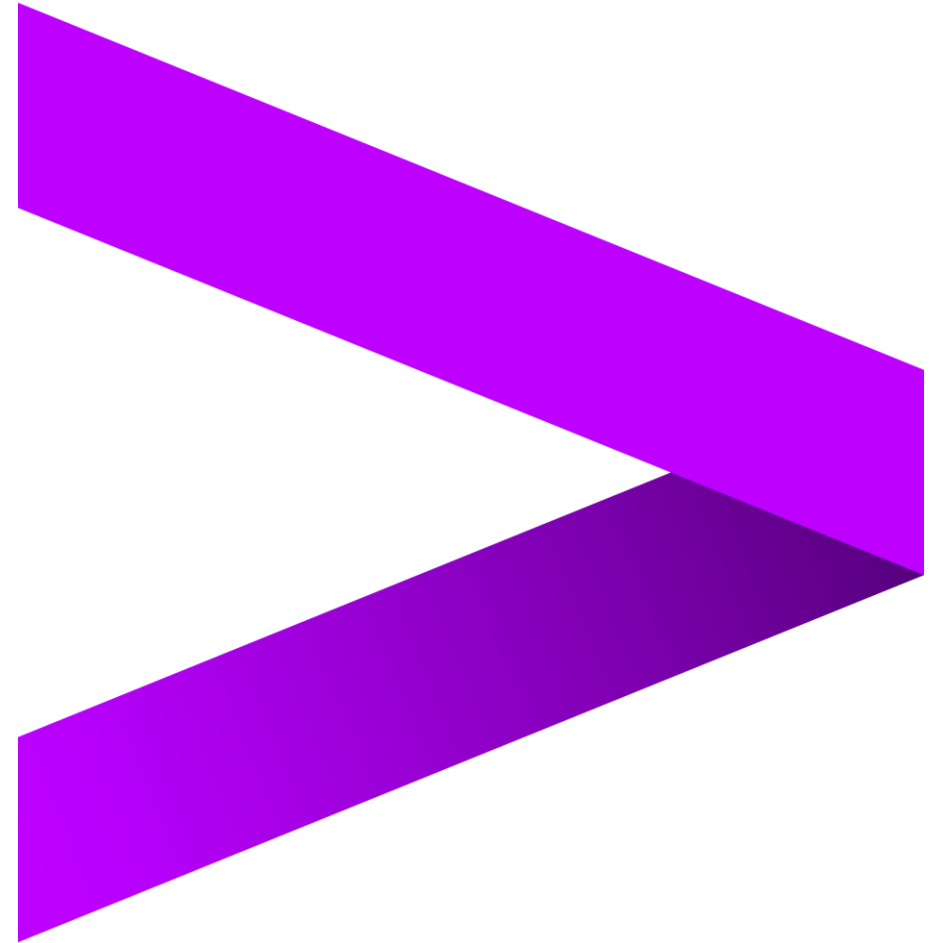


DIGITAL IDENTITY

TRENDS AND INNOVATION

CHRISTINE LEONG

APRIL 2019



accenture

IDENTITY IN EVERYDAY LIFE



People

Employment
background
checks

Healthcare
services

Border
control



Private Sector

Banking &
insurance
e.g. KYC

Making
payments

Telecom



Public Sector

Getting an
ID e.g.
driving
license

Paying &
collecting
taxes

Travel &
hospitality



Connected Devices

Social
benefits &
welfare

Trade
finance

Paying &
collecting
taxes



'Things'

Goods in
supply
chain

Forests &
Wildlife
tracking

Processes



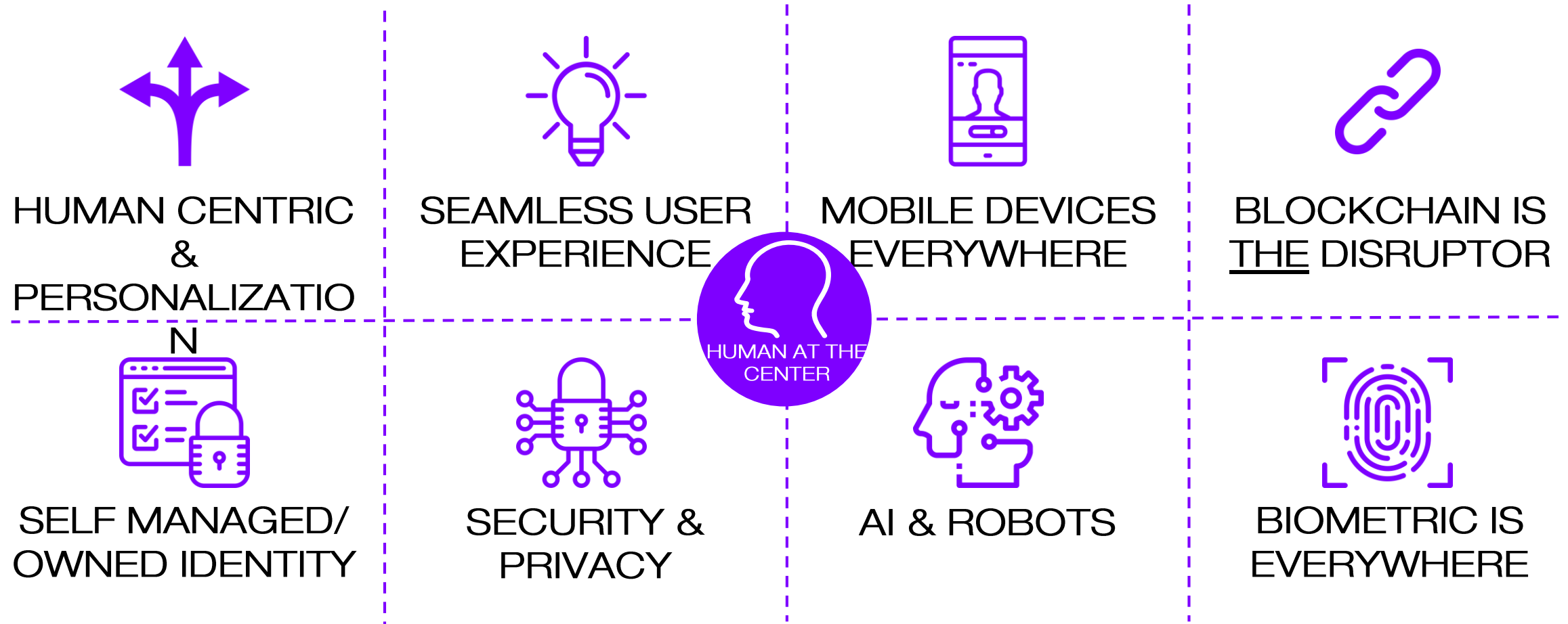
Virtual entities

Social
Media

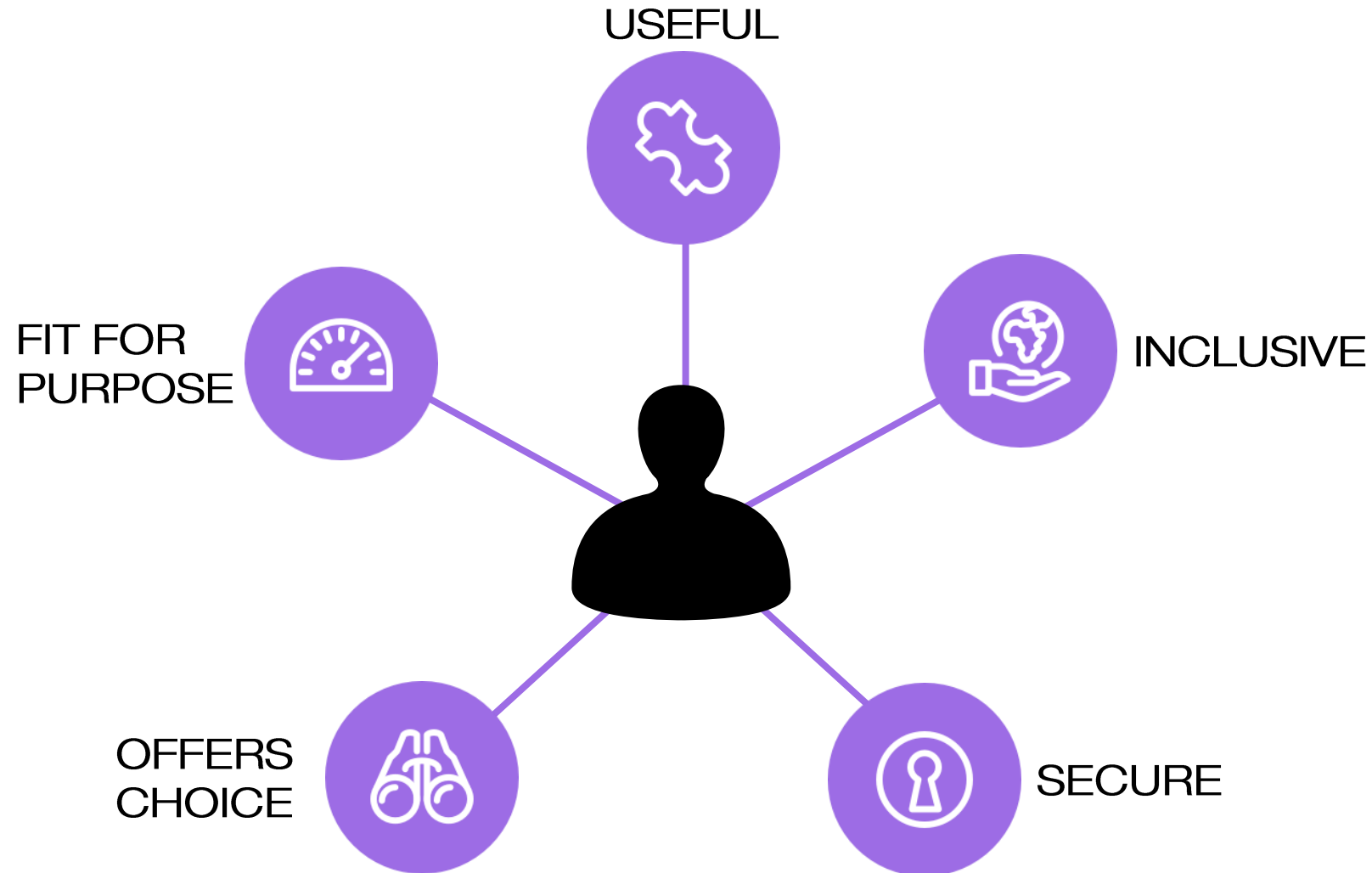
Workforce
mgmt.

Machine
to
machine

IDENTITY TRENDS: WHERE THE WORLD IS GOING



IDENTITY IN THE DIGITAL WORLD NEEDS TO BE: **USER-CENTRIC**



MAKING A DIGITAL IDENTITY USEFUL



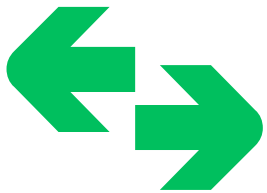
TRUST & TRUST ANCHOR EVOLUTION

For the refugee, a trusted digital identity means an **acknowledgement of existence** and the **right to transact**, and must be considered in light of evolving trust anchors.



USER-CENTRIC DESIGN

A digital identity must provide true **value and utility** to its user, while also **safeguarding rights** and **protecting against harm** – especially for the most vulnerable populations.

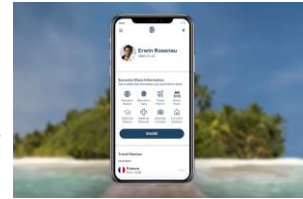


CROSS-BORDER, CROSS-SECTOR

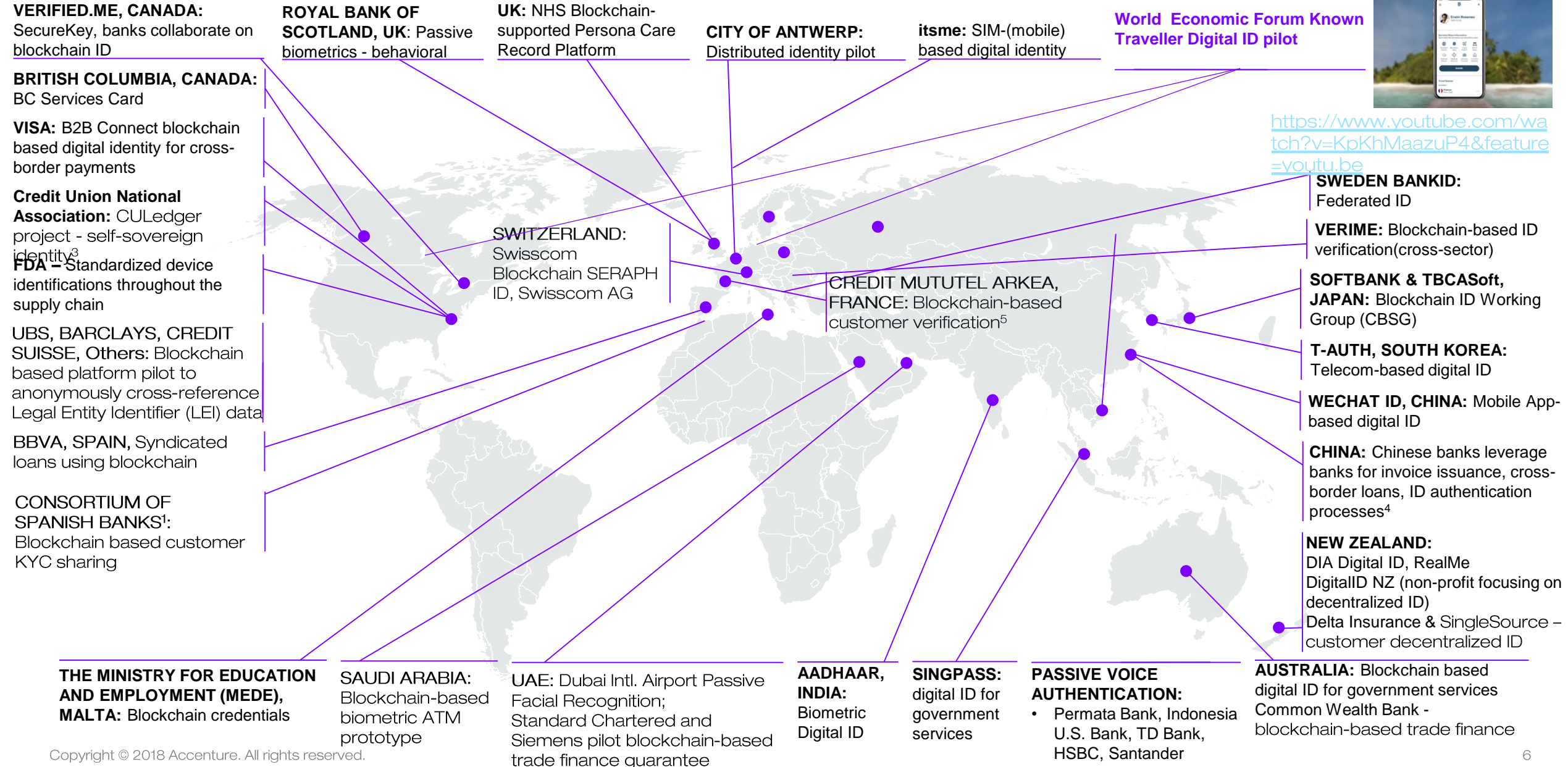
For a digital identity to provide value, it **must be useful as the person transacts across borders and sectors**, – especially for those who are displaced and for whom the digital identity is their only trusted form of identification. This means public and private sectors must **cooperate**.

INNOVATION IN IDENTITY ACROSS THE GLOBE

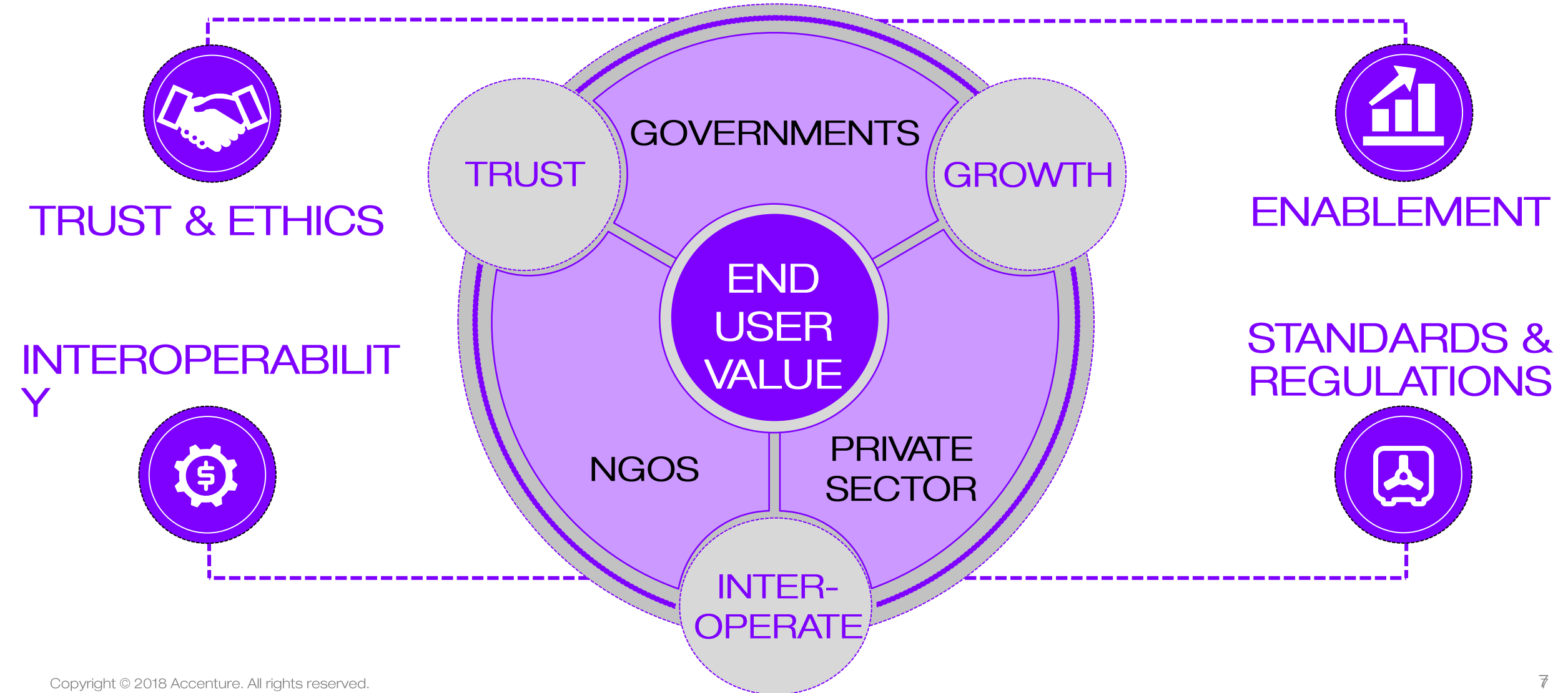
Non-Exhaustive



<https://www.youtube.com/watch?v=KpKhMaazuP4&feature=youtu.be>



CROSS-SECTOR COLLABORATION: A COLLABORATIVE ECOSYSTEM IS CRITICAL



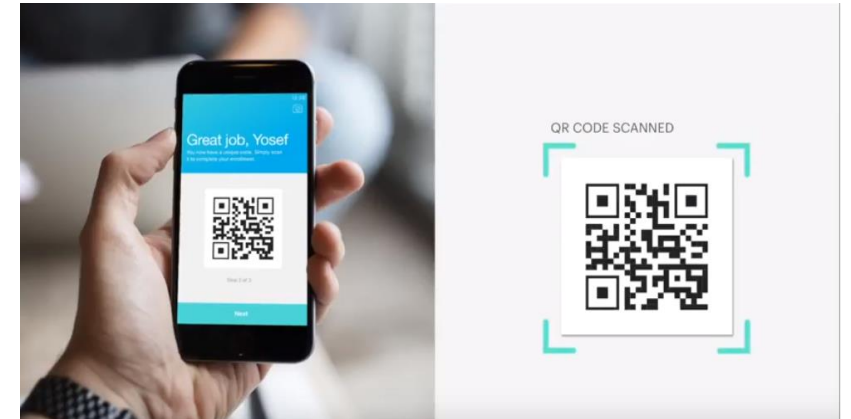
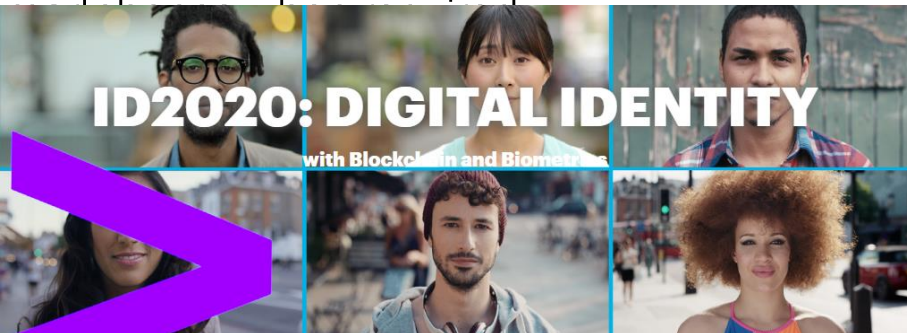
ID2020

Today, approximately one-sixth of the world's population lives without an officially recognized identity.

ID2020 is a public-private consortium promoting the UN 2030 Sustainable Development Goal of providing a unique digital legal identity for everyone on the planet through a technology-forward approach that will leverage secure and well-established systems.

The project aims to help individuals such as refugees prove who they are in order to gain access to basic services such as education and healthcare.

The new platform will connect existing record-keeping systems of commercial and public entities through blockchain, allowing users to access their personal information wherever they are, and to present their IDs via an app on their smartphones.

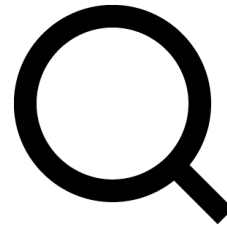


BLOCKCHAIN ENABLES DECENTRALIZED IDENTITY THROUGH TRUST



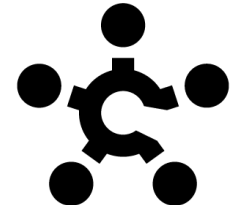
Secure

Data is cryptographically secure – sensitive data can be locked down



Tamper-Evident

Built-in mechanisms to verify data has not been changed – information cannot be altered



Distributed

Participants have access to the same data – real-time updates and information

WHY IS DECENTRALIZED IDENTITY RELEVANT



FOR THE USER:

PORTABLE

Users can take their identity data with them

USER EXPERIENCE

Reduce amount of repeated input

ACCURATE

Data shared more accurately and consistently

PRIVATE

User is in control of what to share, and with whom



FOR ORGANIZATIONS:

EFFICIENCY

Decrease dependence on manual processes

VERIFIABLE

Data can be easily verified and shared confidentially

TRUST & INTEROPERABILITY

No need for direct trust relationships

COMPLIANCE

Immutability and auditability of blockchain

REDUCE RISK

Index of data persists; don't share info if not required

DIGITAL IDENTITY IS KEY TO FINANCIAL INCLUSION

Financial Inclusion

Financial inclusion efforts seek to ensure that all households and businesses, regardless of income level, have access to and can effectively use the appropriate financial services they need to improve their lives. ([CGAP](#))

Key Statistics

- > Globally, \$2B Adults have no bank account
- > Financial Inclusion is most lacking in the Middle East and Sub-Saharan Africa
- > Gender is also a strong factor in Financial Inclusion
- > Financial Inclusion represents a large market opportunity for global financial institutions

Identity is key to financial inclusion by enabling trust

DECENTRALIZED IDENTITY

CIRCULAR SUPPLY CHAIN



VIDEO: <https://youtu.be/bkvxYkeh71E>

EXAMPLE USE CASES



HEALTHCARE RECORDS: Enables patients to share and manage their own health records so that they can easily get healthcare services and prescriptions anywhere



STREAMLINED KYC: accelerate the KYC process with client consent through attestations from network of banks



BACKGROUND CHECKS & TRAINING RECORDS: Reduce repetition in background checks & build trusted records of education and professional certificates



PROOF OF OWNERSHIP / INSURANCE: attestations of property ownership, for instance, used to get insurance or file taxes

THANK YOU