



JET EDUCATION SERVICES
THINK EDUCATION. THINK JET.

Recognising human ability in the future: microlearning, credential fluency and interoperable data ecosystems

4th HRDC Summit, Building the Foundation for a Transformed Economy and Society
11 August 2021
James Keevy

Some **had criticised a decision to give her a "keynote" slot**, saying other women had more expertise in the field.

On stage, the [REDACTED] daughter suggested [REDACTED] CV data should be stored and updated on their phones as a matter of course, to make it easier for them to apply for jobs.

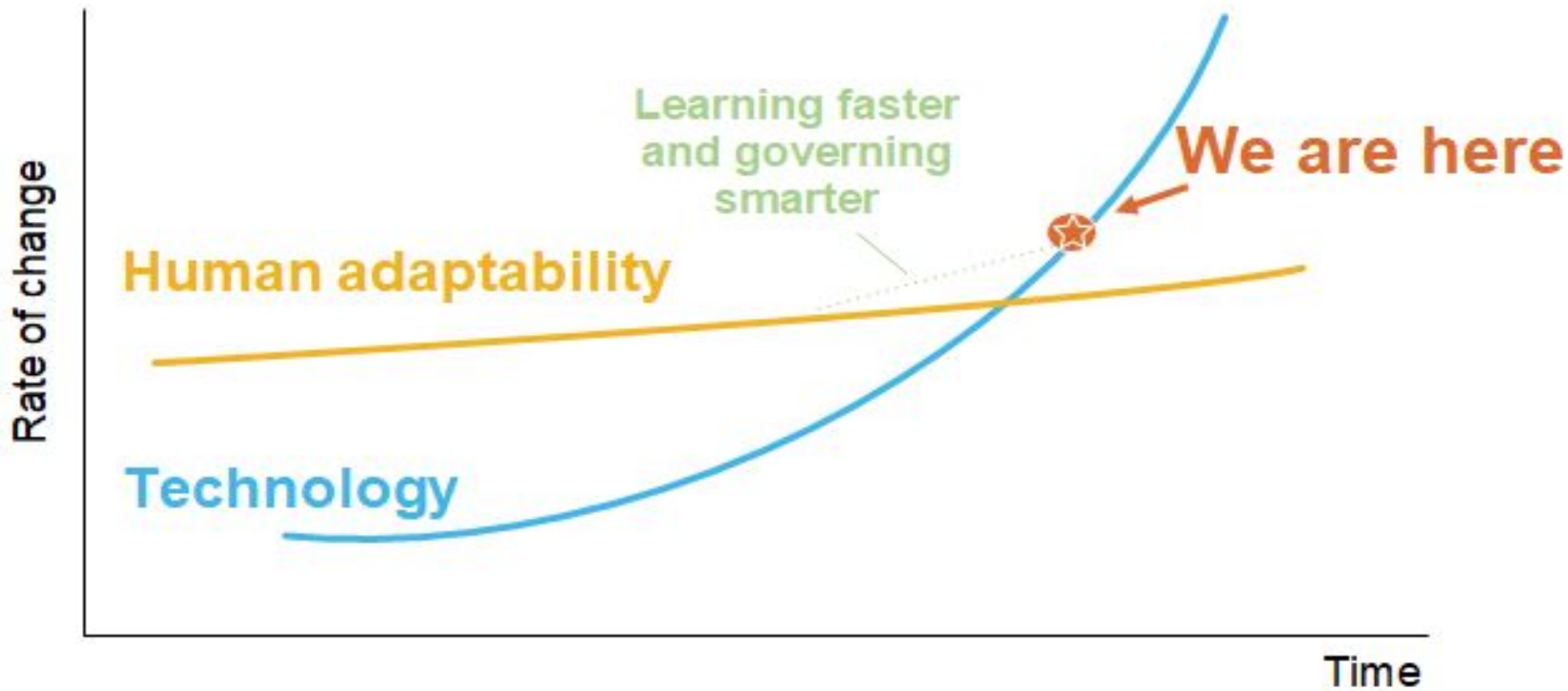
She seemed not to want to "ruffle feathers", one attendee told the BBC.

[REDACTED] was interviewed in front of an audience of trade show delegates in Las Vegas by Gary Shapiro, chief of the Consumer Technology Association (CTA), which organises CES.

"Why can't you have your high school degree verified and in your phone, so an employer doesn't need to call your high school?" she asked him rhetorically.

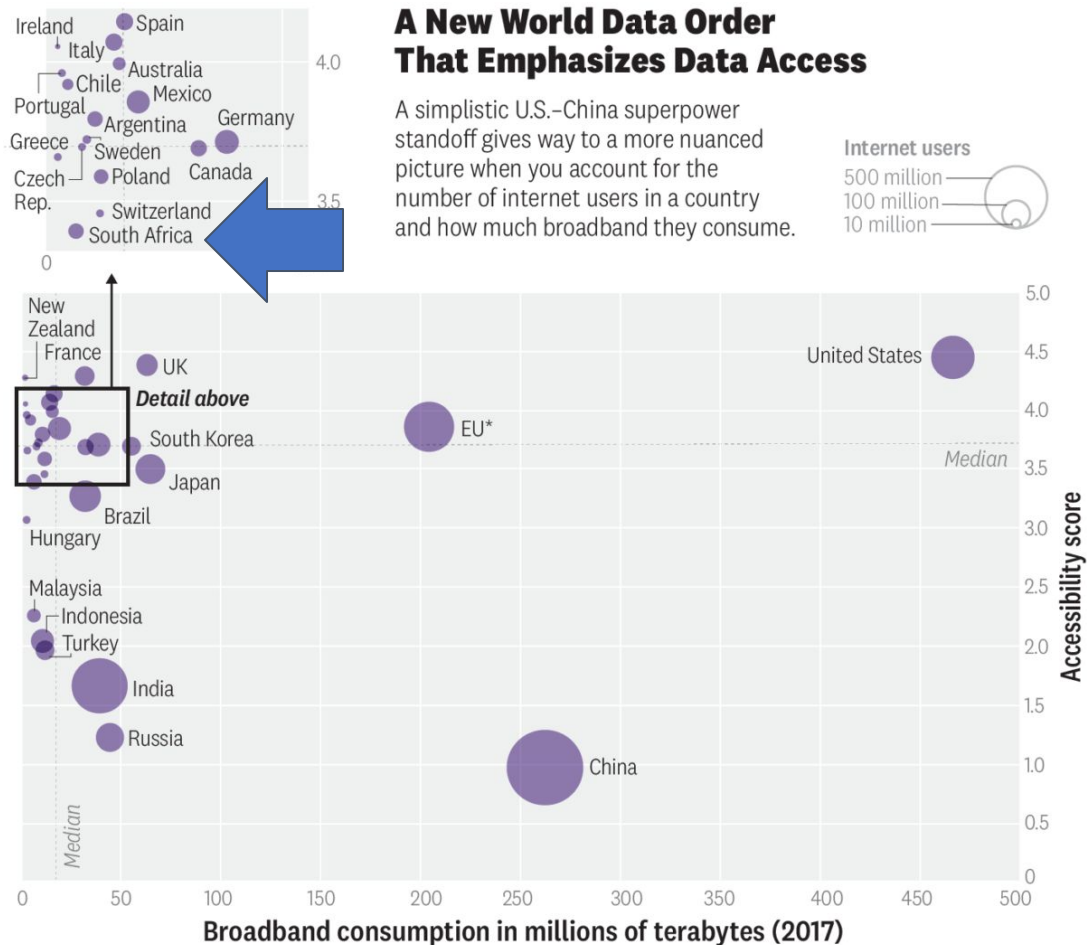
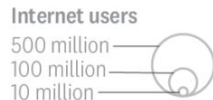
Skills obtained on health and safety courses, or in manufacturing roles, she suggested, could be logged.

"All of that should be catalogued and tracked and available and accessible," Ms [REDACTED] added.



A New World Data Order That Emphasizes Data Access

A simplistic U.S.–China superpower standoff gives way to a more nuanced picture when you account for the number of internet users in a country and how much broadband they consume.



Which Countries Are Leading the Data Economy?

Harvard Business Review, Chakravorti et al, 2019

*The EU data point contains 12 EU countries and almost 81% of the EU population.
 Source: Analysis of Euromonitor, Cisco, ITU, Global Open Data Index/Open Government Partnership, and CNIL data by The Digital Planet initiative at The Fletcher School, Tufts University; and Mastercard

Youth aged 15-24 years and 25-34 years recorded the highest unemployment rates of **63,3%** and **41,3%** respectively

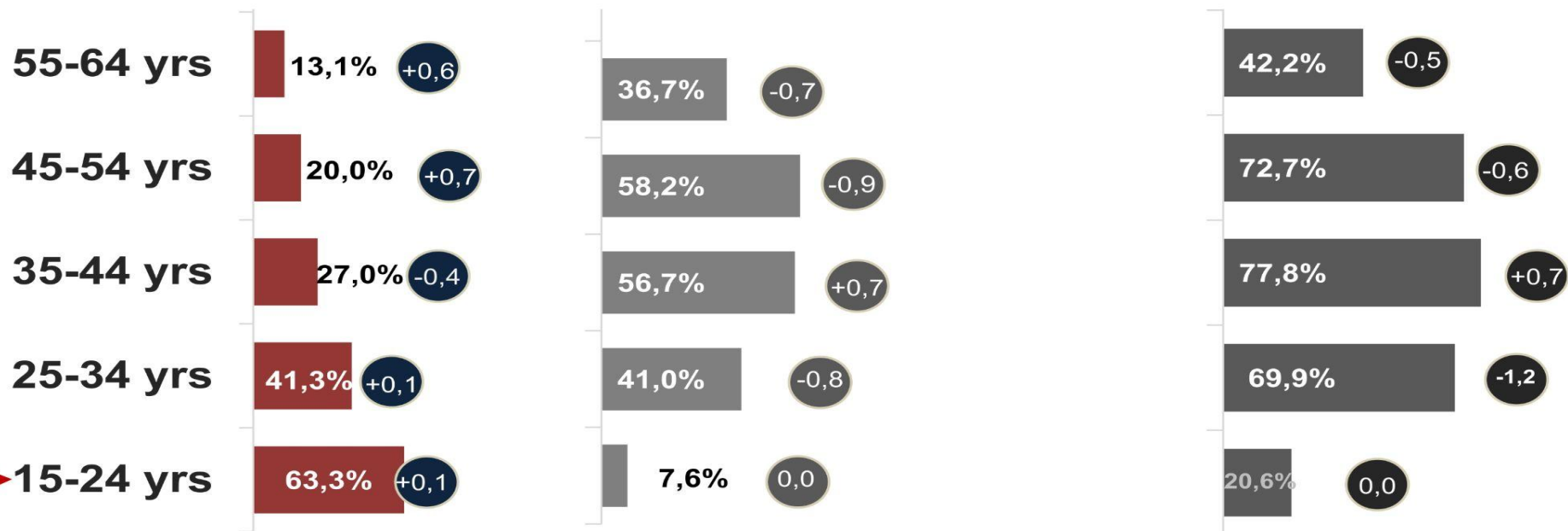
Labour market rates by age group, Q1:2021

● Change: Percentage points
Q4:2020 to Q1:2021

Unemployment rate

Absorption rate

Participation rate



RECOGNISING HUMAN ABILITY

Learning outcomes can be used to describe knowledge, skills and competences

Statements of what a learner knows, understands and is able to do on completion of a learning process, which are defined in terms of knowledge, skills and competence.

https://www.cedefop.europa.eu/files/4064_en.pdf



PROVIDER/LEARNER PERSPECTIVE

Guilds and traditional apprenticeships

Qualifications

Credentials

LIFELONG LEARNING

Formal, non-formal and informal divide

Short courses

RPL

MOOCs

Degree Qualifications Profiles

Nano-degrees

Learning outcomes to describe K, S, V, A

Qualifications Frameworks

Designations

Badging

More digital, more stackable
Fading of F,NF, IF boundaries
New credentials based on data scraping

COMMON IMPERATIVES

Recognition

Employability

Trust

Right to education

Professionalisation

- Semantic interoperability
- Data privacy
- Common taxonomies

WORKFORCE READINESS

Work-readiness test

Culture fit

Bootcamps

Workplace training

Industry certifications

Work-based values

Qualifications still matter
Data-driven recruitment
Following-out thesis
Employers as credentialers

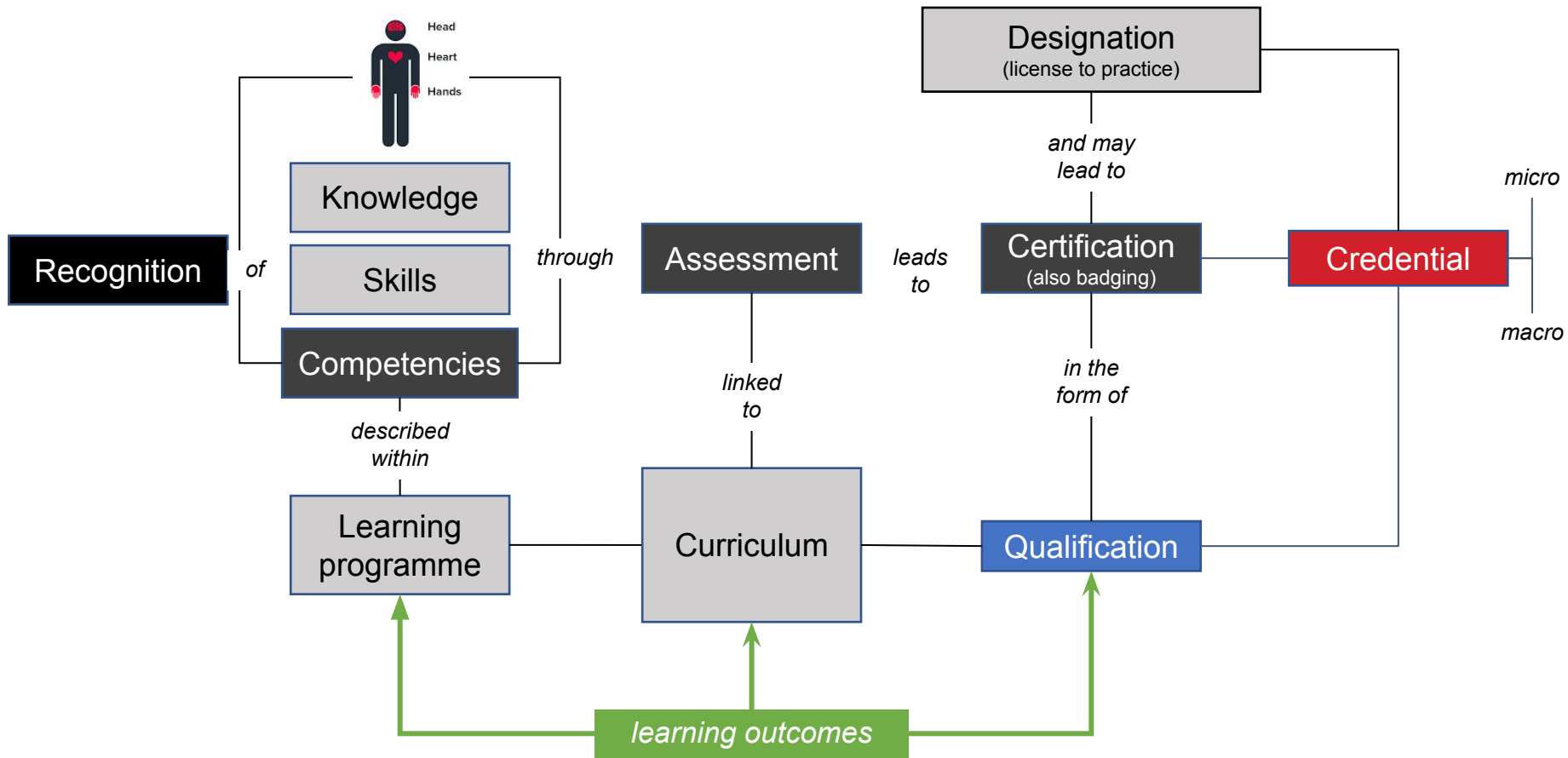
Generational crafts

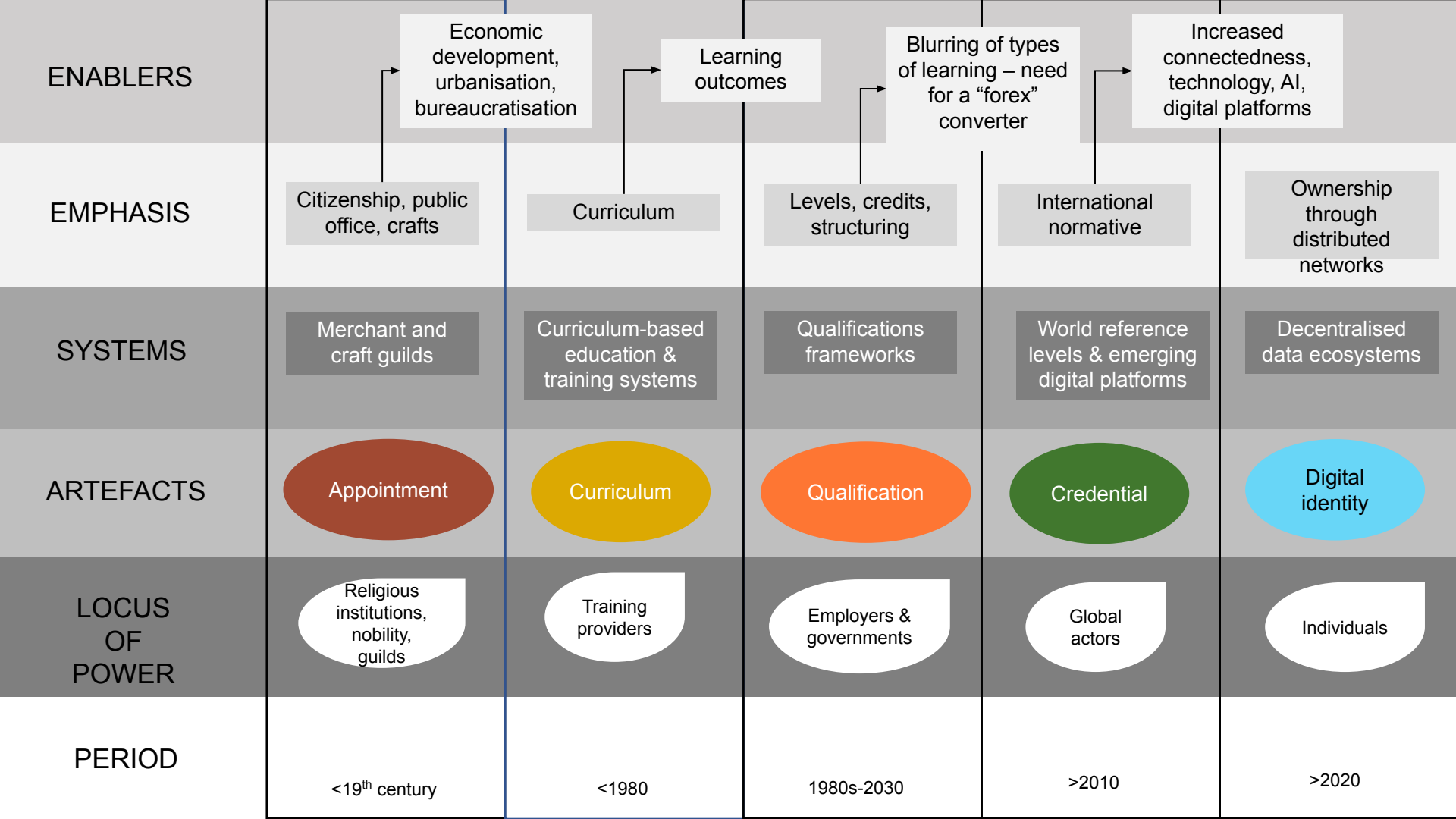
Jobs

Career mobility

EMPLOYER/WORKER PERSPECTIVE

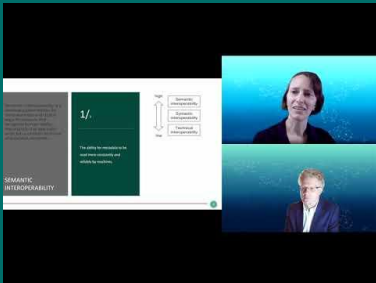






CREDENTIAL FLUENCY

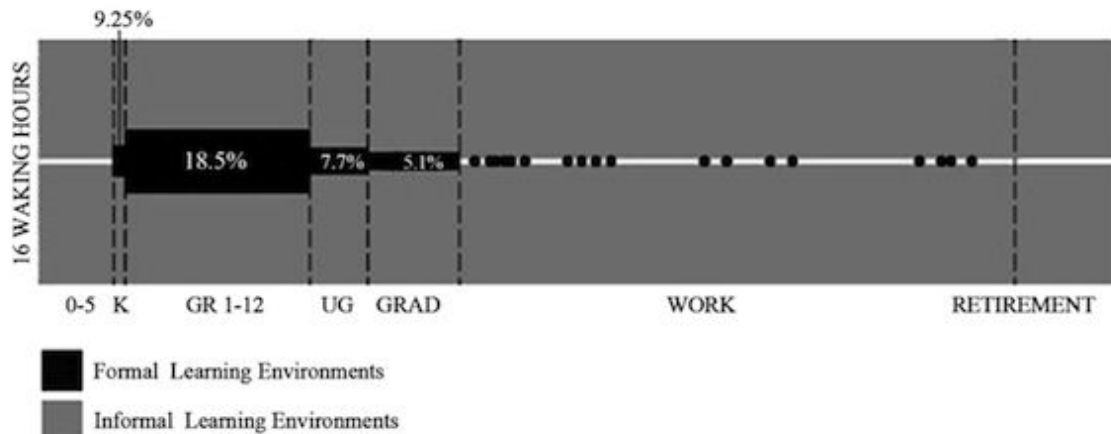
The increasingly seamless interrelationships between formal, non-formal and informal credentials made possible through digital forms of recognition, improved data interoperability, and closer alignment between learning and the world of work.

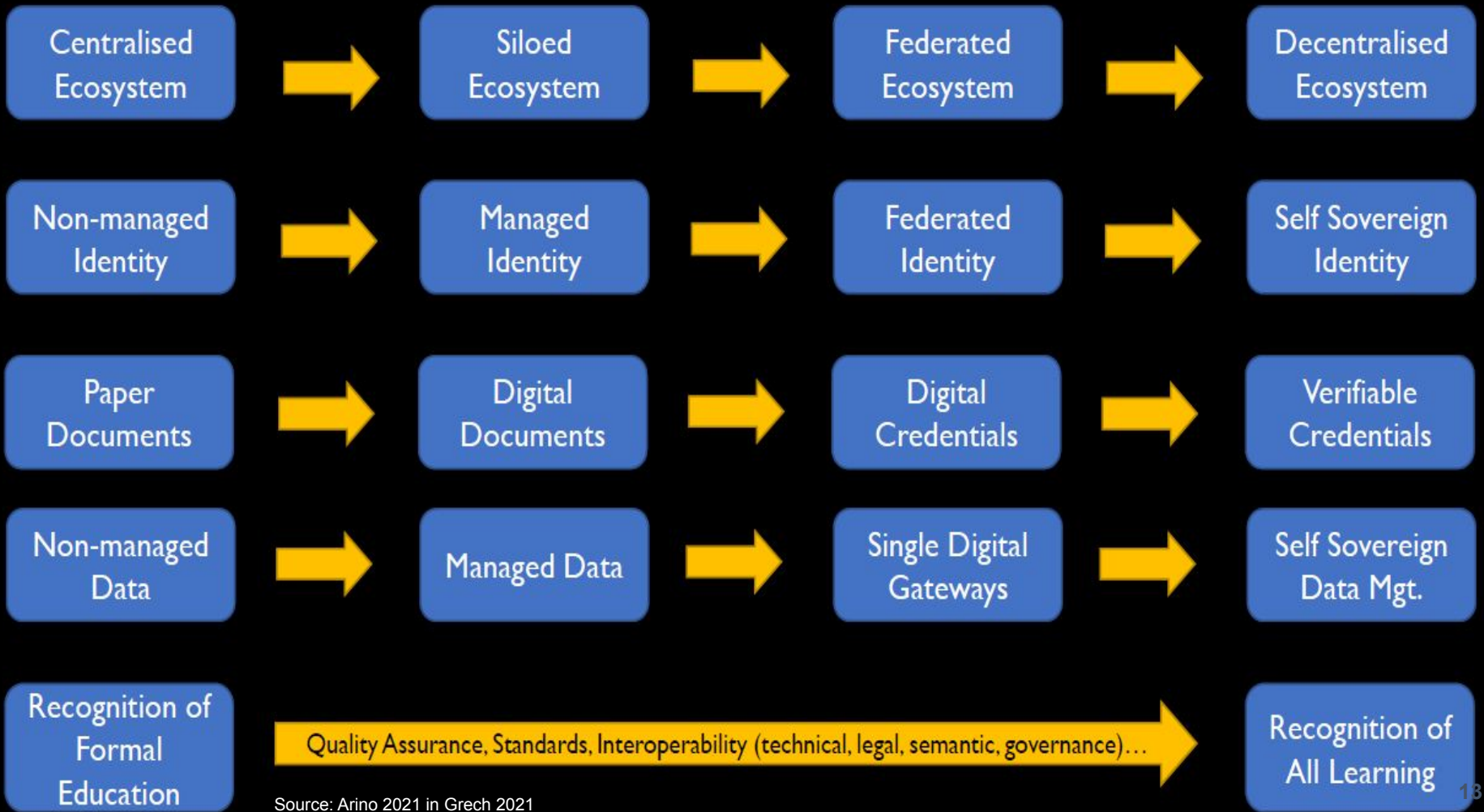




"I've got some skills—I'm just not sure they add up to a 'set.'"

CREDENTIAL FLUENCY





INTEROPERABLE DATA ECOSYSTEMS



PSET CLOUD
Innovation through collaboration



merSETA
MANUFACTURING, ENGINEERING
AND RELATED SERVICES SETA

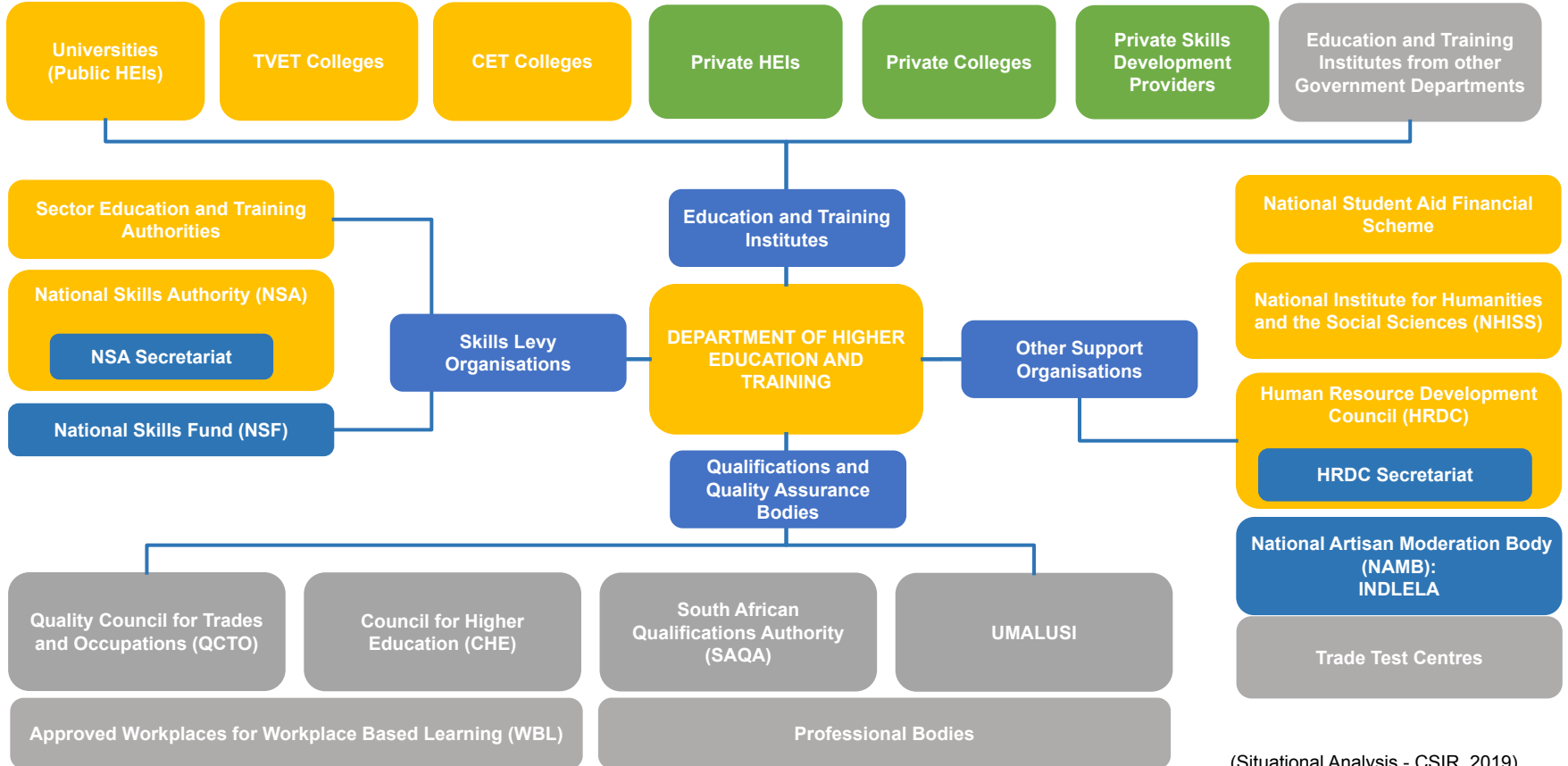
Early Adopter

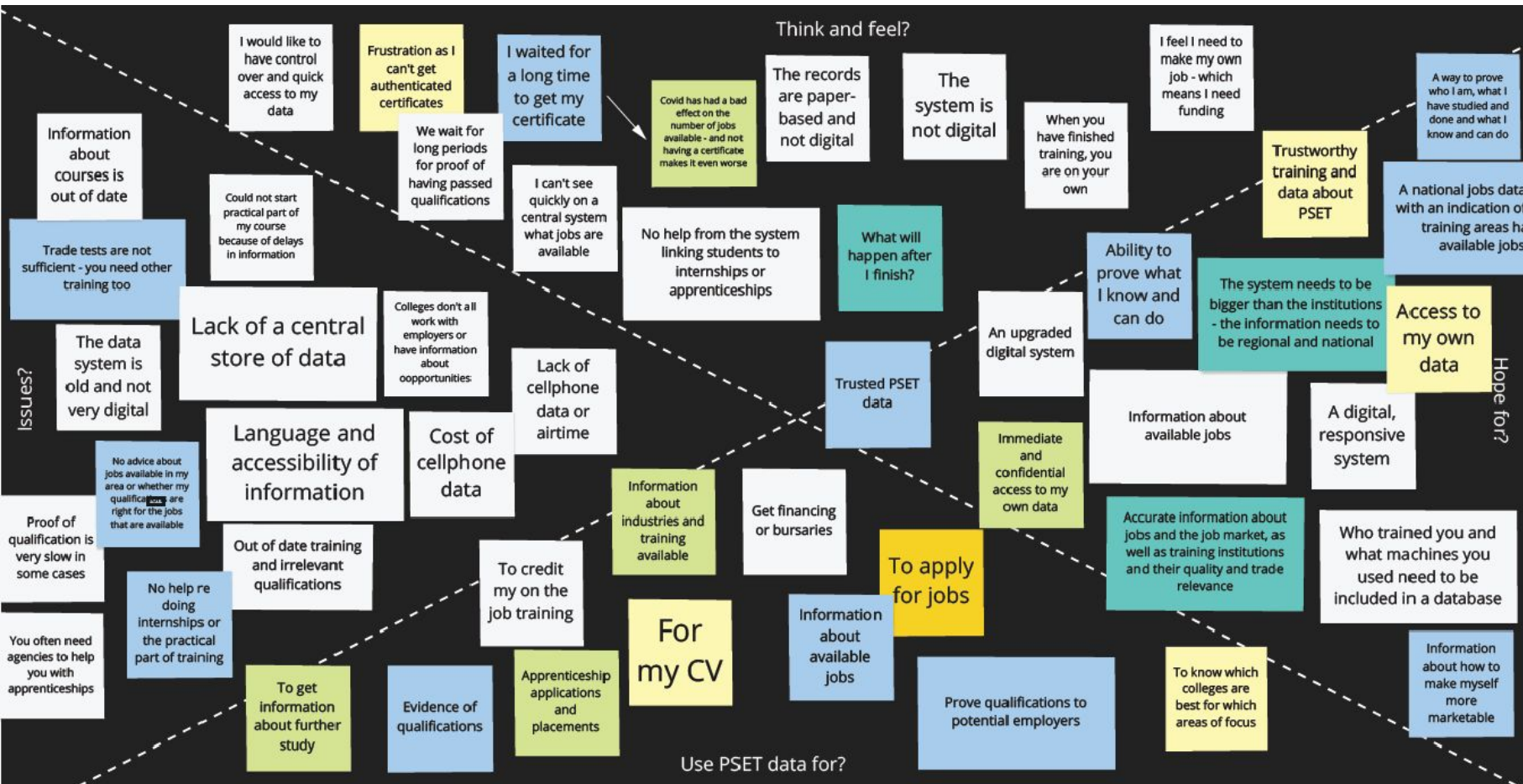


The PSET Ecosystem



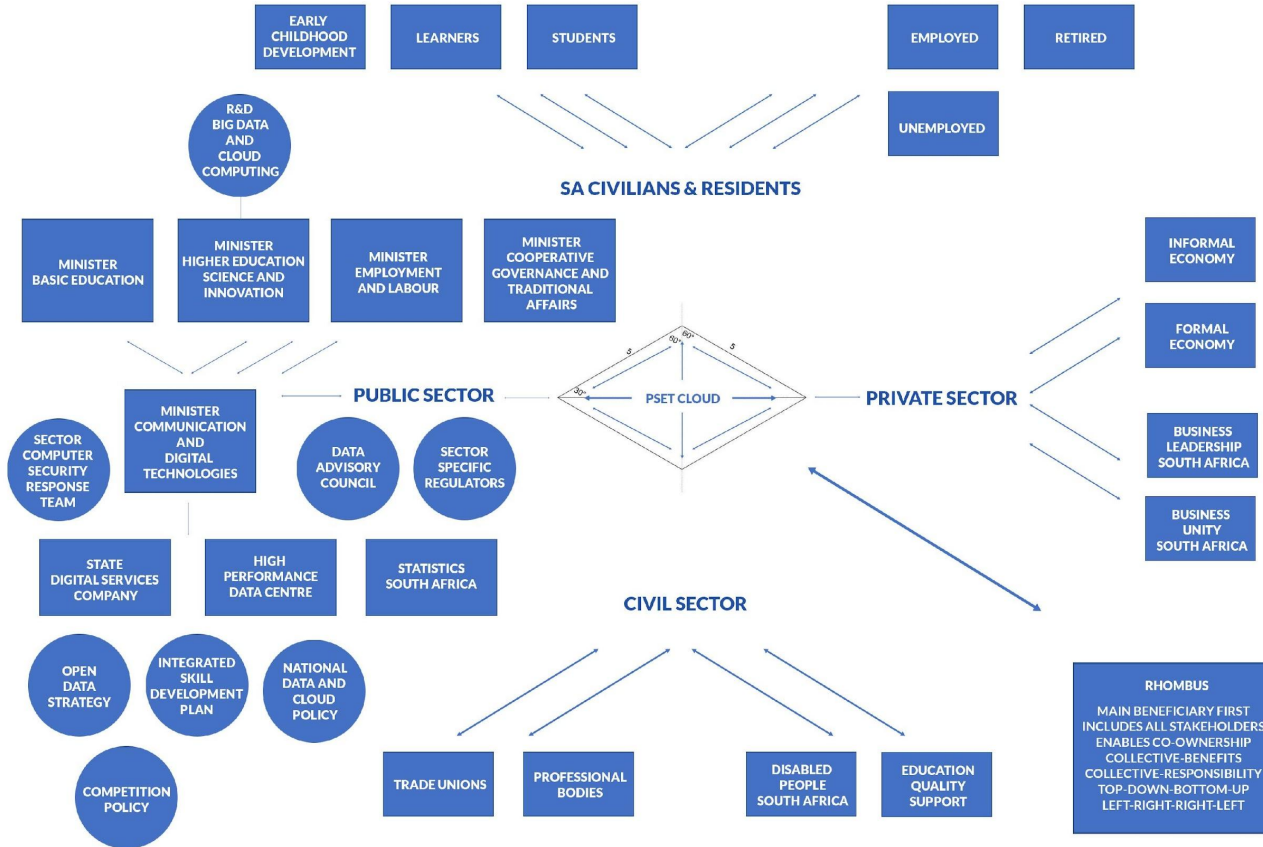
PSET CLOUD





(Internal brainstorm, Miro Board, August 2021)

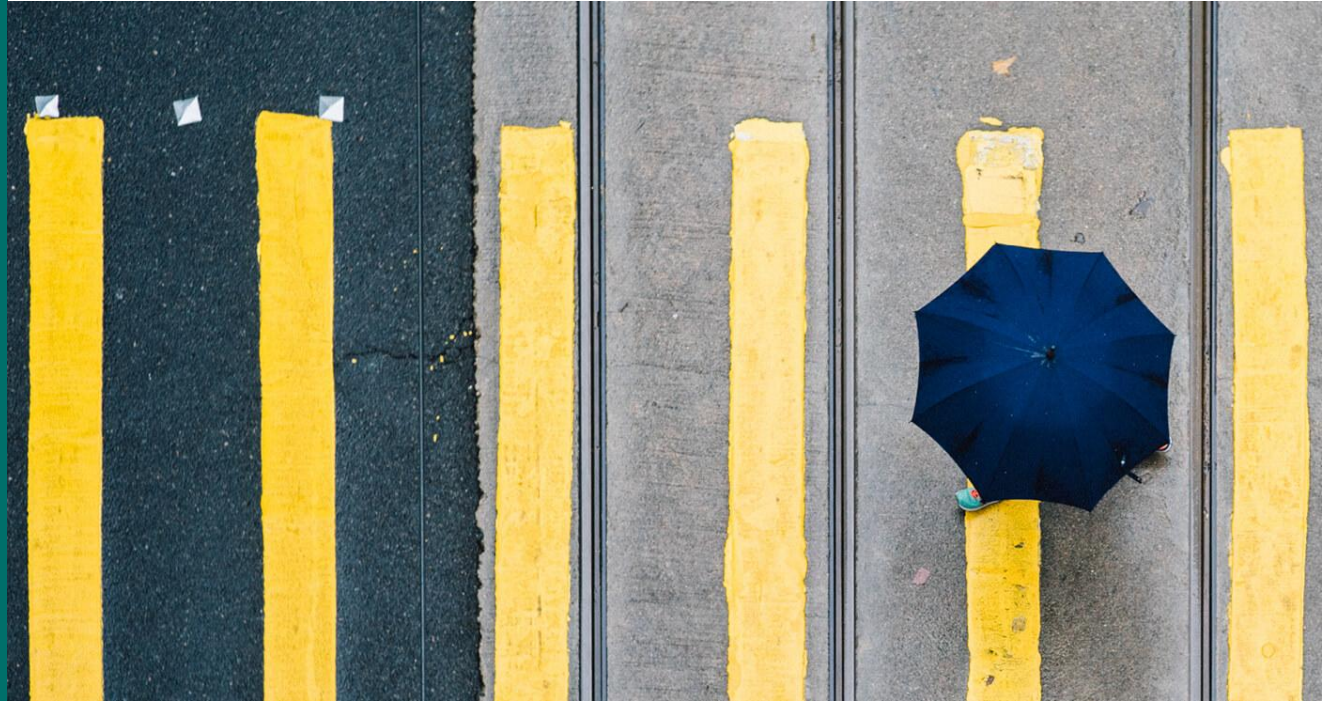
CITIZEN-CIVIL-PUBLIC-PRIVATE PARTNERSHIP



LOOKING TO THE FUTURE

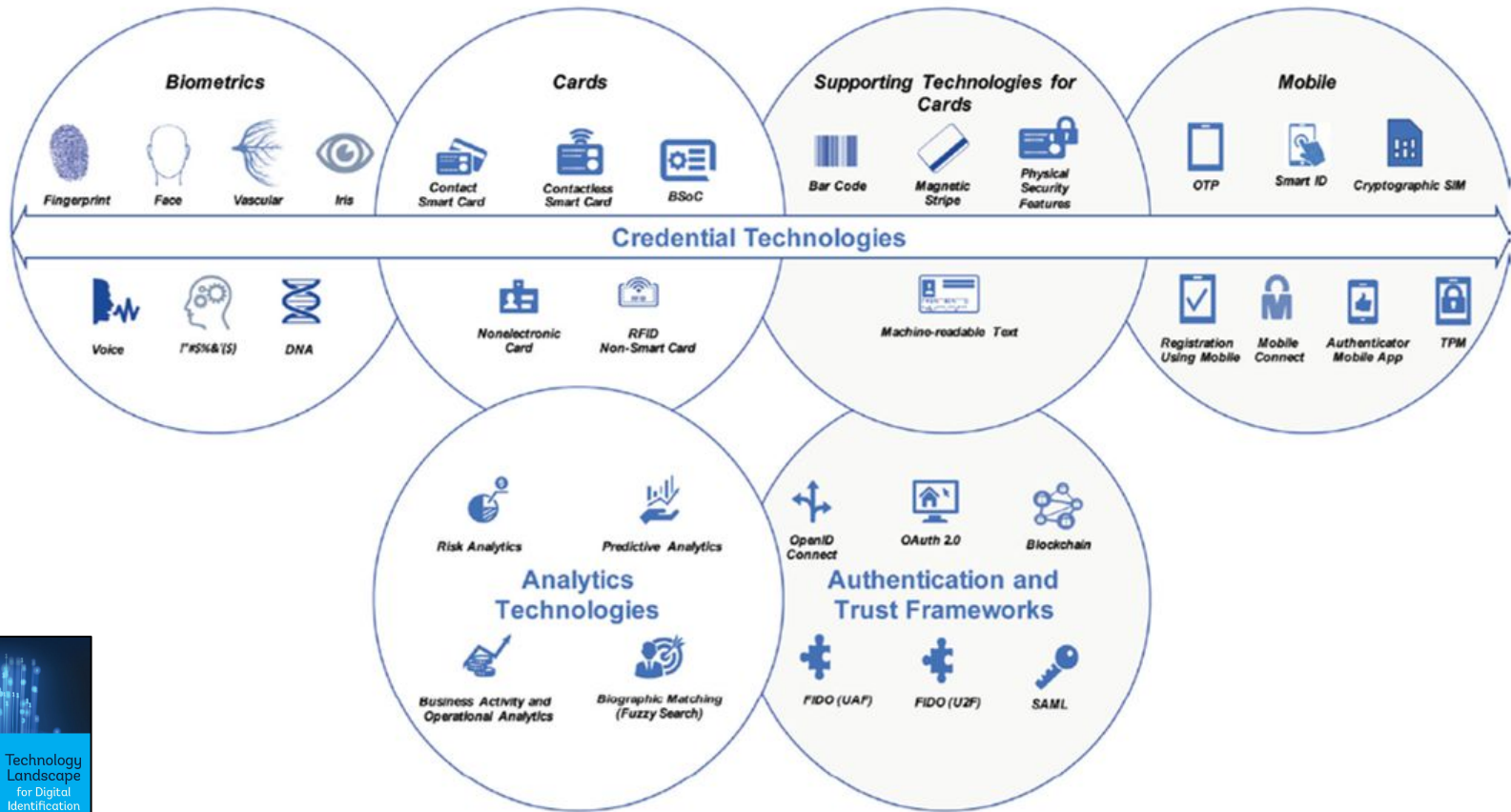
By 2023, 65% of the world's population will have its personal information covered under modern privacy regulations, up from 10% today. More than 60 jurisdictions around the world have enacted or proposed postmodern privacy and data protection laws, following the introduction of the GDPR in 2018.

Gartner, 2020



GOVERNMENT DIGITAL IDENTITY INITIATIVES







Initiatives we support



JET EDUCATION SERVICES
THINK EDUCATION. THINK JET.

RESEARCH • IMPLEMENTATION • MONITORING & EVALUATION

INVESTORS IN PEOPLE™
We invest in people Silver



Our alliances