

Liquidity: The Great Transformation & A New Education Deal

Fabienne GOUX-BAUDIMENT

futurist, PhD in social sciences

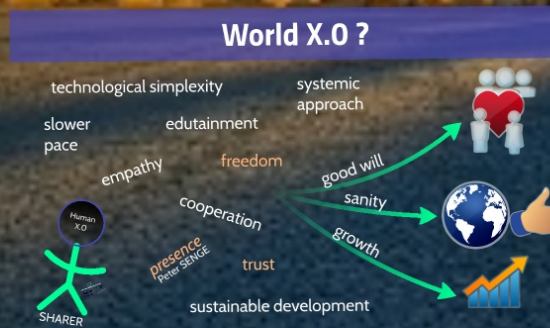
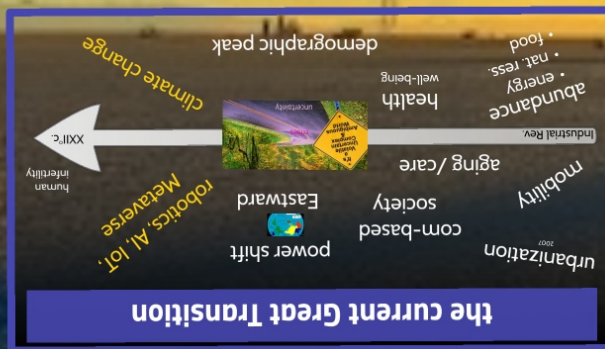
head of proGective, foresight research center

adjunct prof. (1995-2018) Angers university (FR)





Great Transitions



World 0



hunters-gatherers

craftsmen

nomadic shepherds

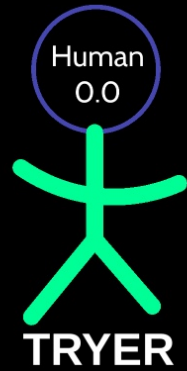


Reconstruction of Talianki c 4000 B.C.
Design Kenny Arne Lang Antonsen & Jimmy John Antonsen

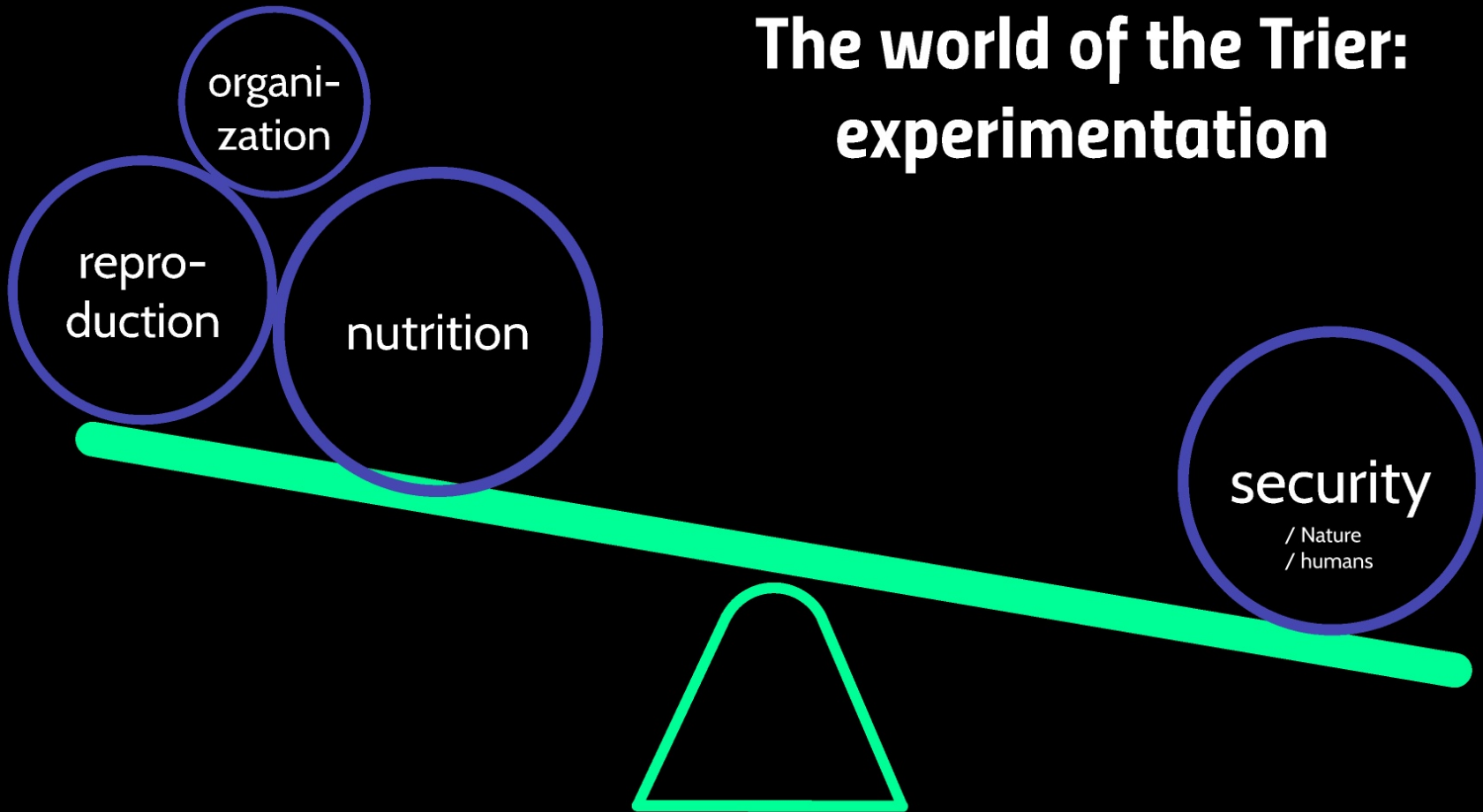
farmers

merchants

city-makers



The world of the Trier: experimentation



Experimental Educational Practice:

- ignorance --> beginning from scratch
- trial and error
- mimetic training
- intuitive communication
- myths

World 0



hunters-gatherers

craftsmen

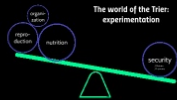
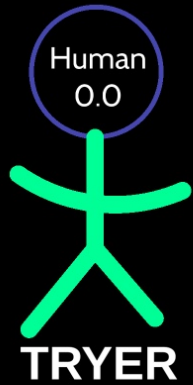
nomadic shepherds



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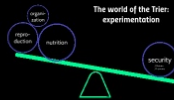
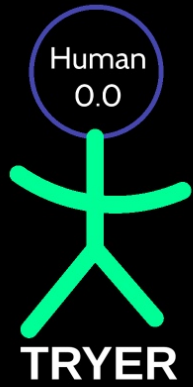
nomadic shepherds



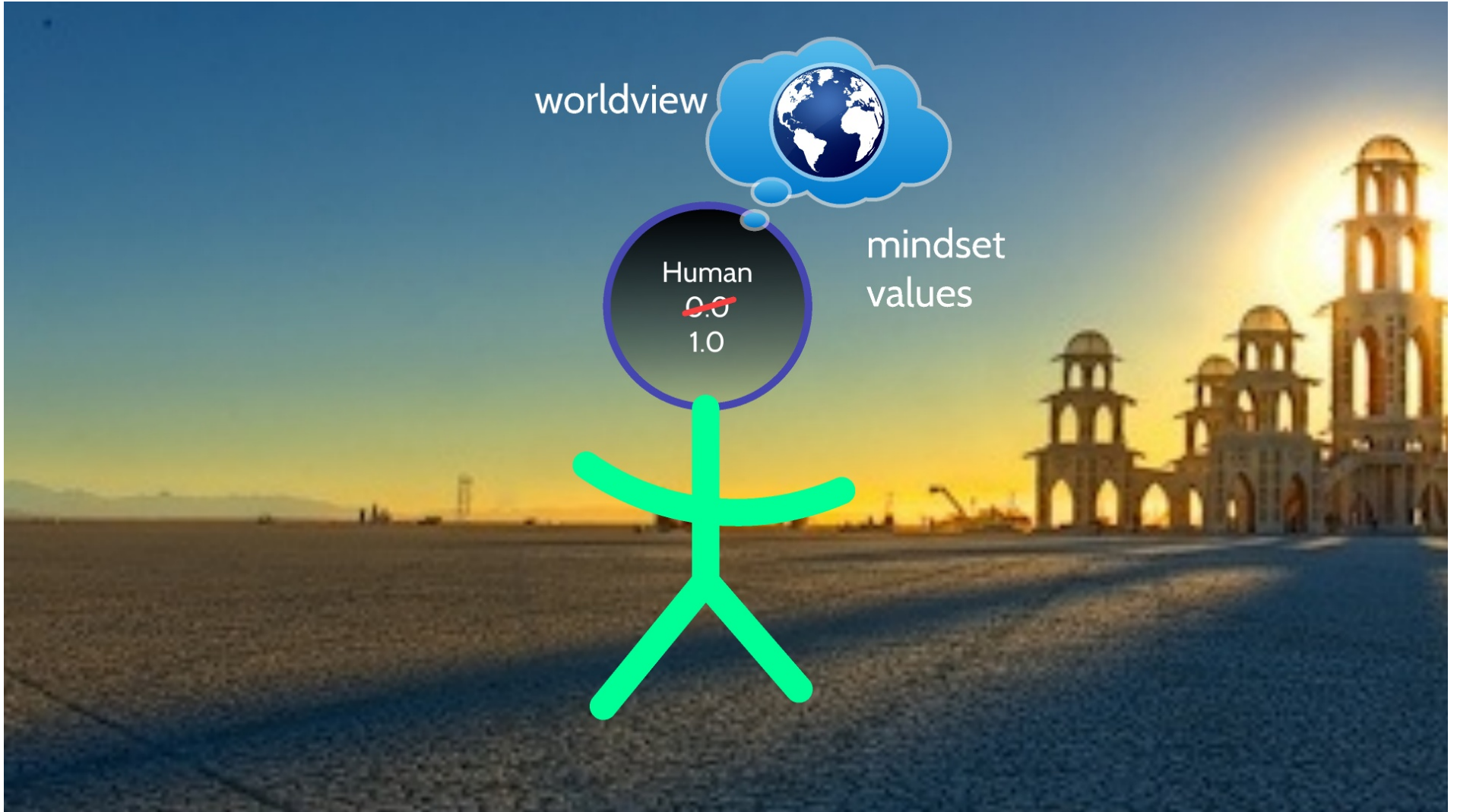
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farmers

merchants



SEDENTARIZATION
city-makers



World 1.0

engineering

Harappa, Mohenjo-daro, 40.000hab., 2600 BC

Anthropocene

accelerated
pace

industrialization

Qin Shi Huangdi (221-207 avant J.-C.)

technology

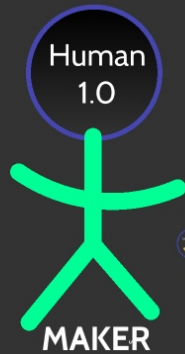
knowledge

information

digitization

hyper-specialization

predation



Nature taming

artificialization

increasing dematerialization

The Maker's World: exponential production



Formalized Educational Practice

- codified knowledge
- formalized transmission (degrees)
- formal communication
- magister dixit (deities, scholars)
- constraints (school, academic...)

World 1.0

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hyper-specialization



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hyper-specialization



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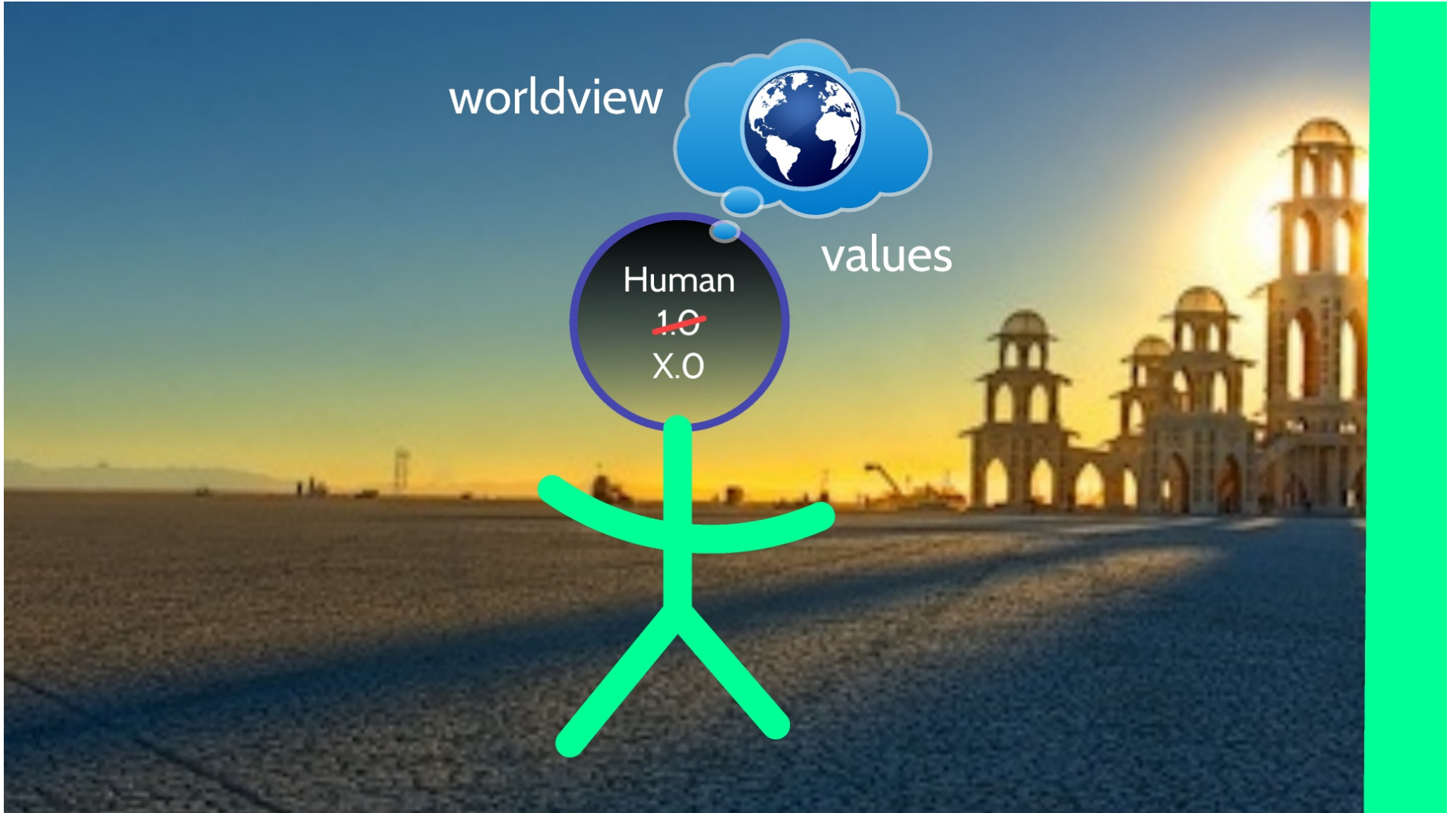
accelerated
pace

CURRENT GREAT TRANSITION

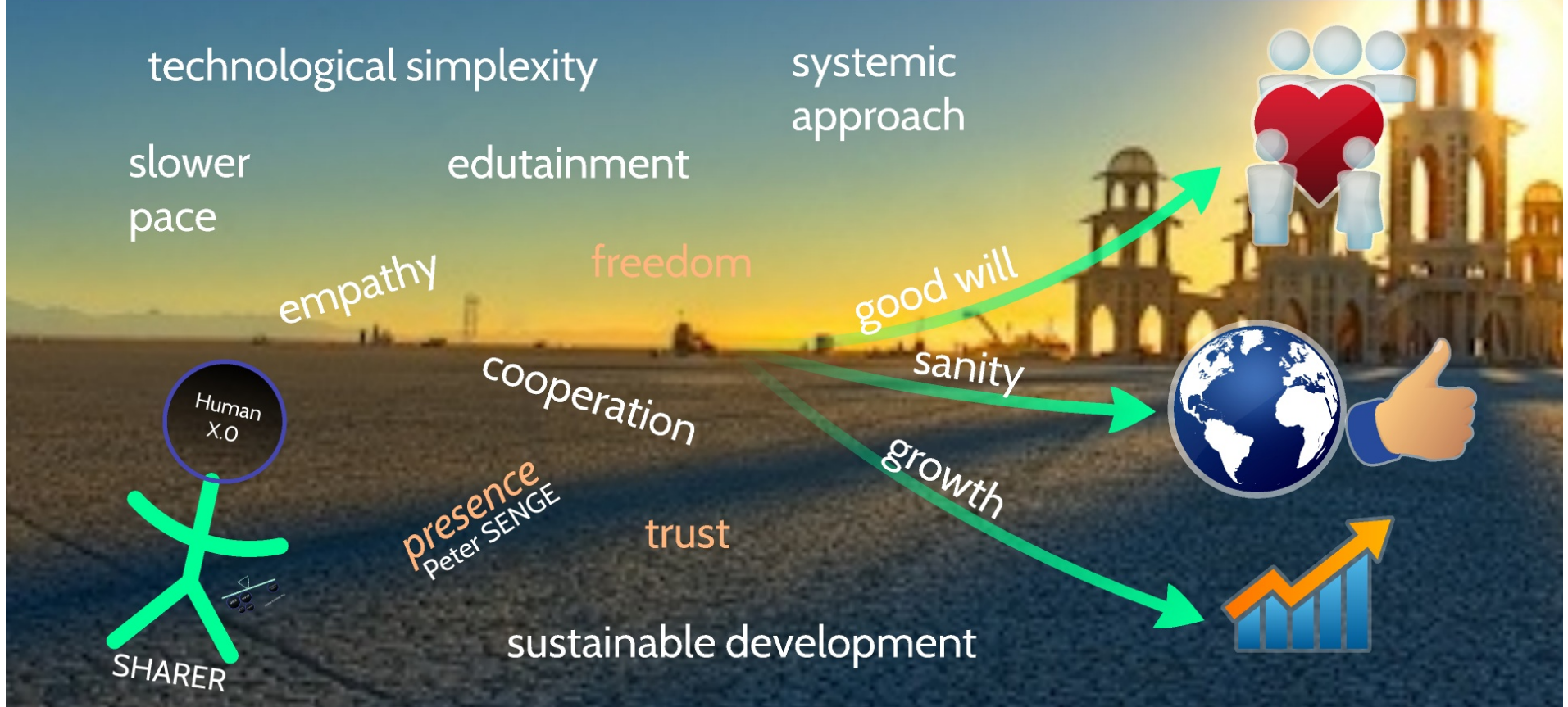
Nature taming

artificialization

increasing dematerialization



World X.0 ?



The Sharer's World

security,
risk aversion

immediacy

trust-based
services

access

ease

The Sharer's World

security,
risk aversion

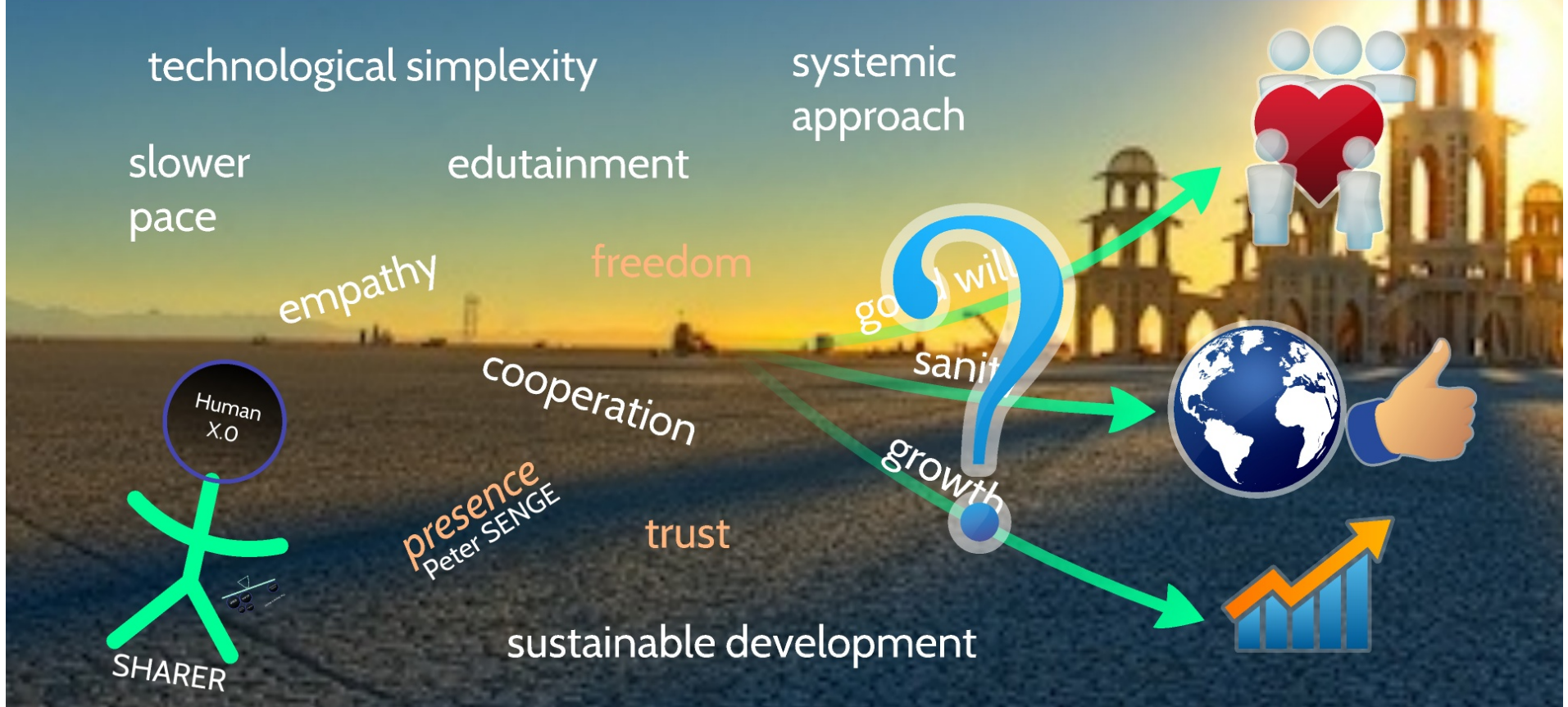
immediacy

trust-based
services

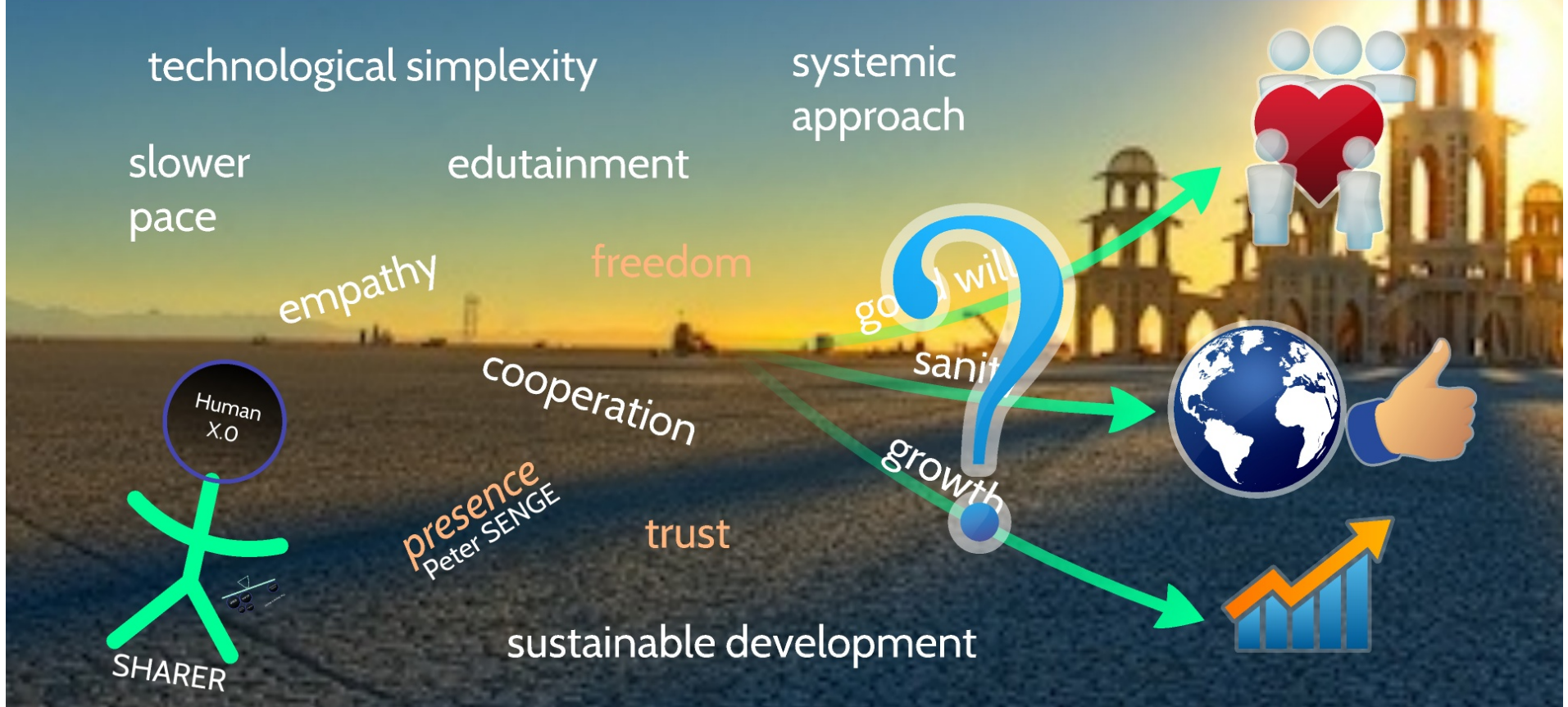
access

ease

World X.0 ?



World X.0 ?



the current Great Transition

urbanization
2007

com-based
society

power shift



Eastward

robotics, AI, IoT,
Metaverse

mobility

aging /care

human
infertility

Industrial Rev.



XXII°C.

abundance
• energy
• nat. res.
• food

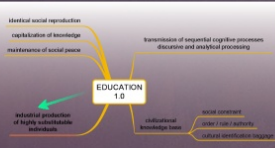
health
well-being

climate change

demographic peak







VUCA

exponentiality

from a predictable, slow future to an accelerated, uncertain future

world 1.0

-5000 BC

- an orderly world
- everyone at his/her place
- clear rules of the game

1900 AD

FRAGMENTATION

slow change



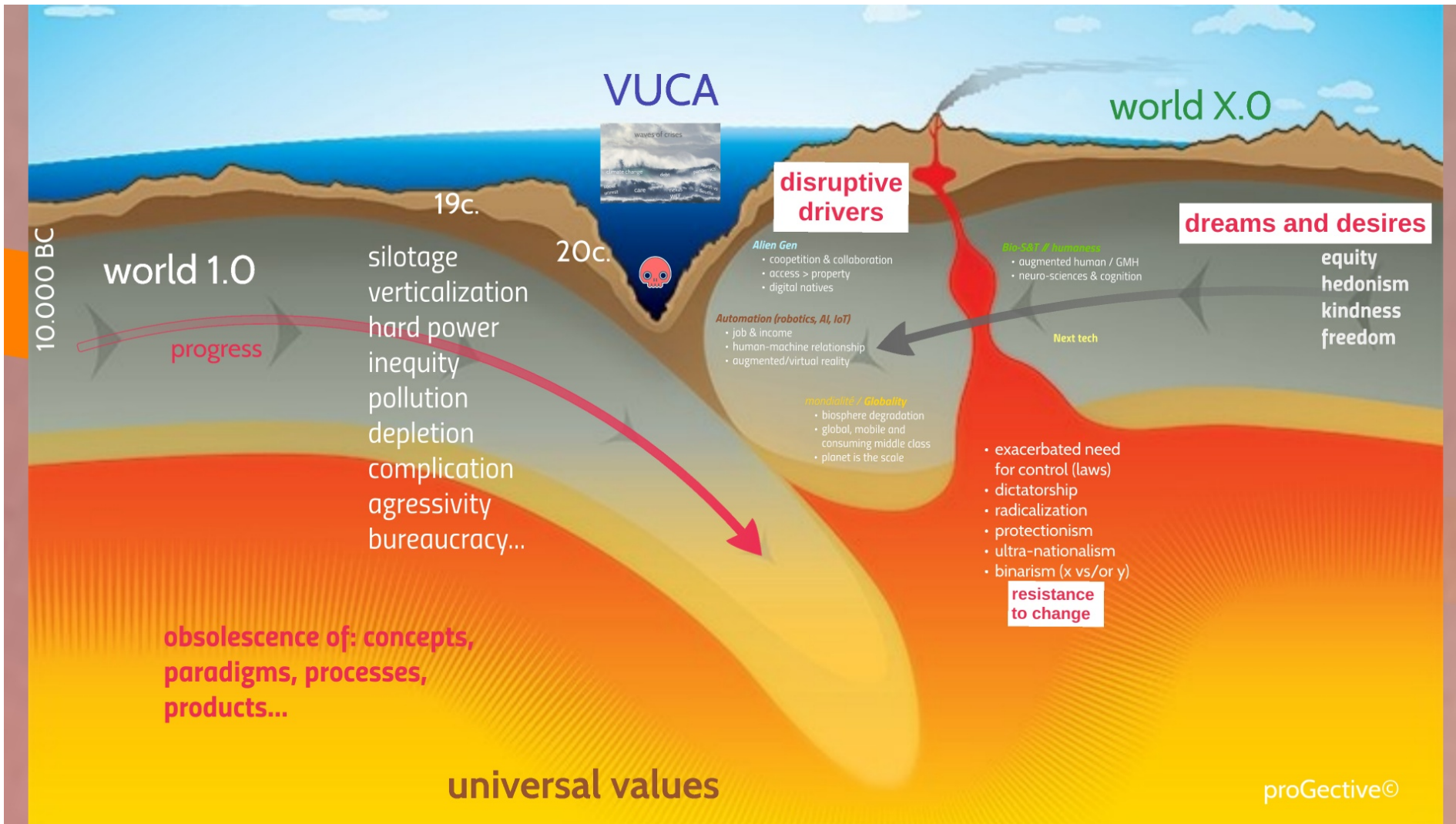
fast, disruptive change

turbulences

civilizational collapse

world X.0





waves of crises

climate change

debt

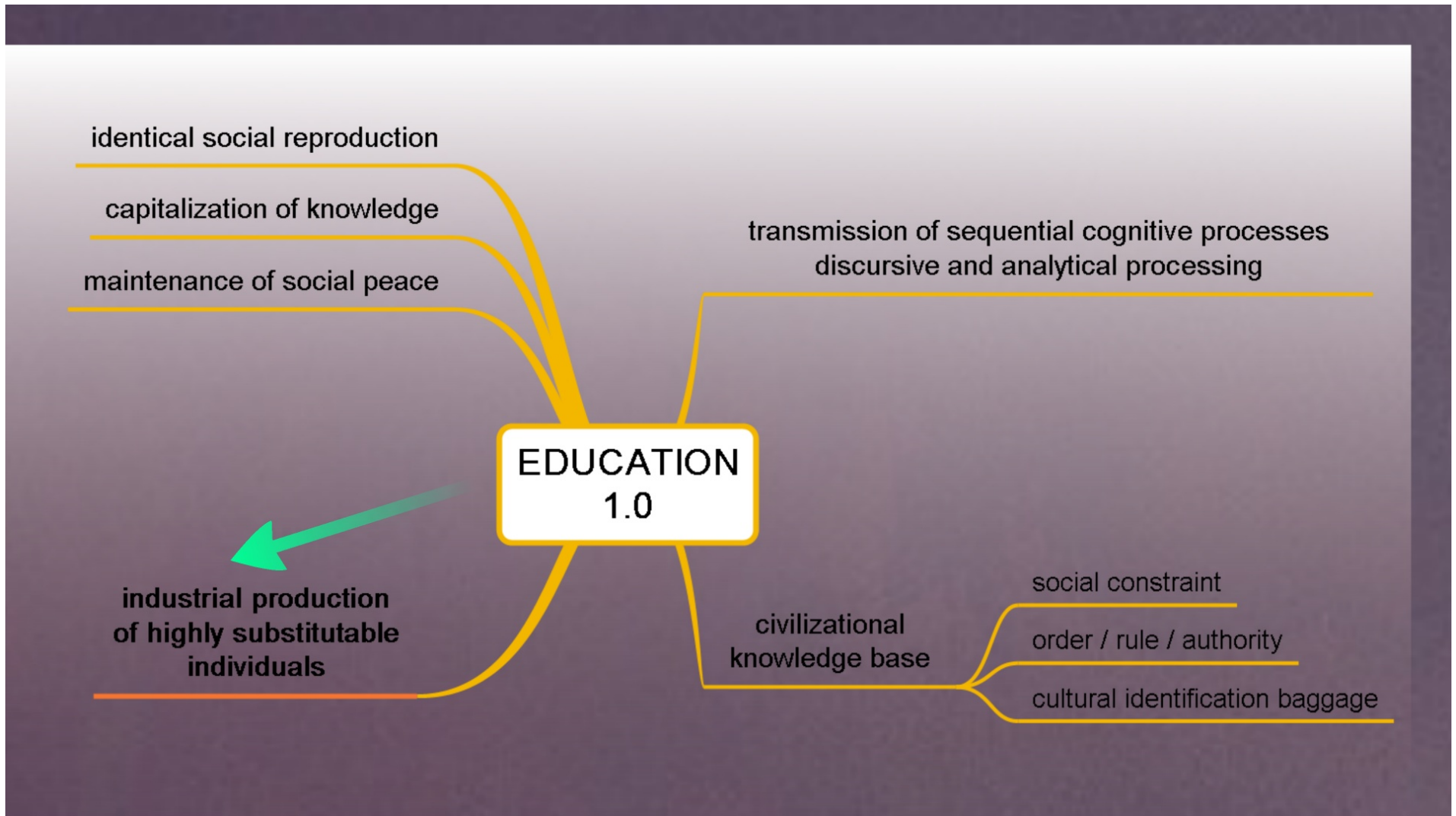
pandemics

social
unrest

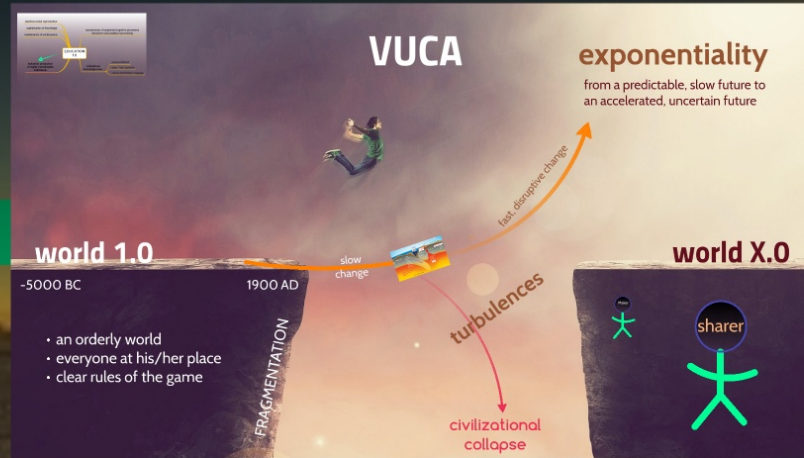
care

nexus
WEF

North vs
Souths

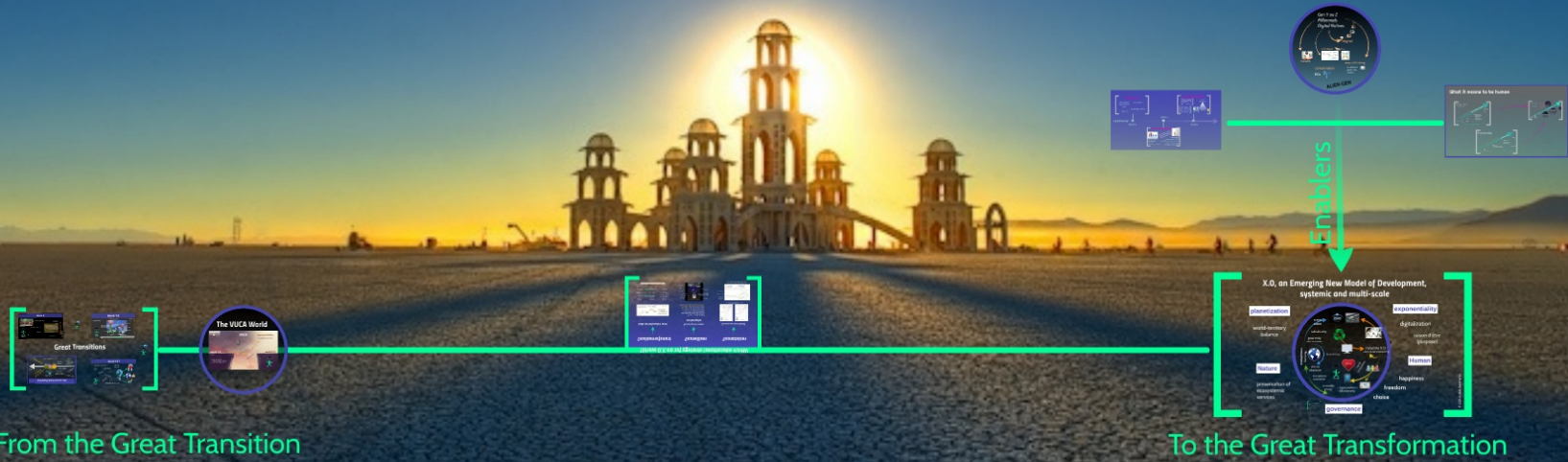


The VUCA World



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X.O, an Emerging New Model of Development, systemic and multi-scale

planetization

world-territory
balance

Nature

preservation of
ecosystemic
services



exponentiality

digitalization

raison d'être
(purpose)

Human

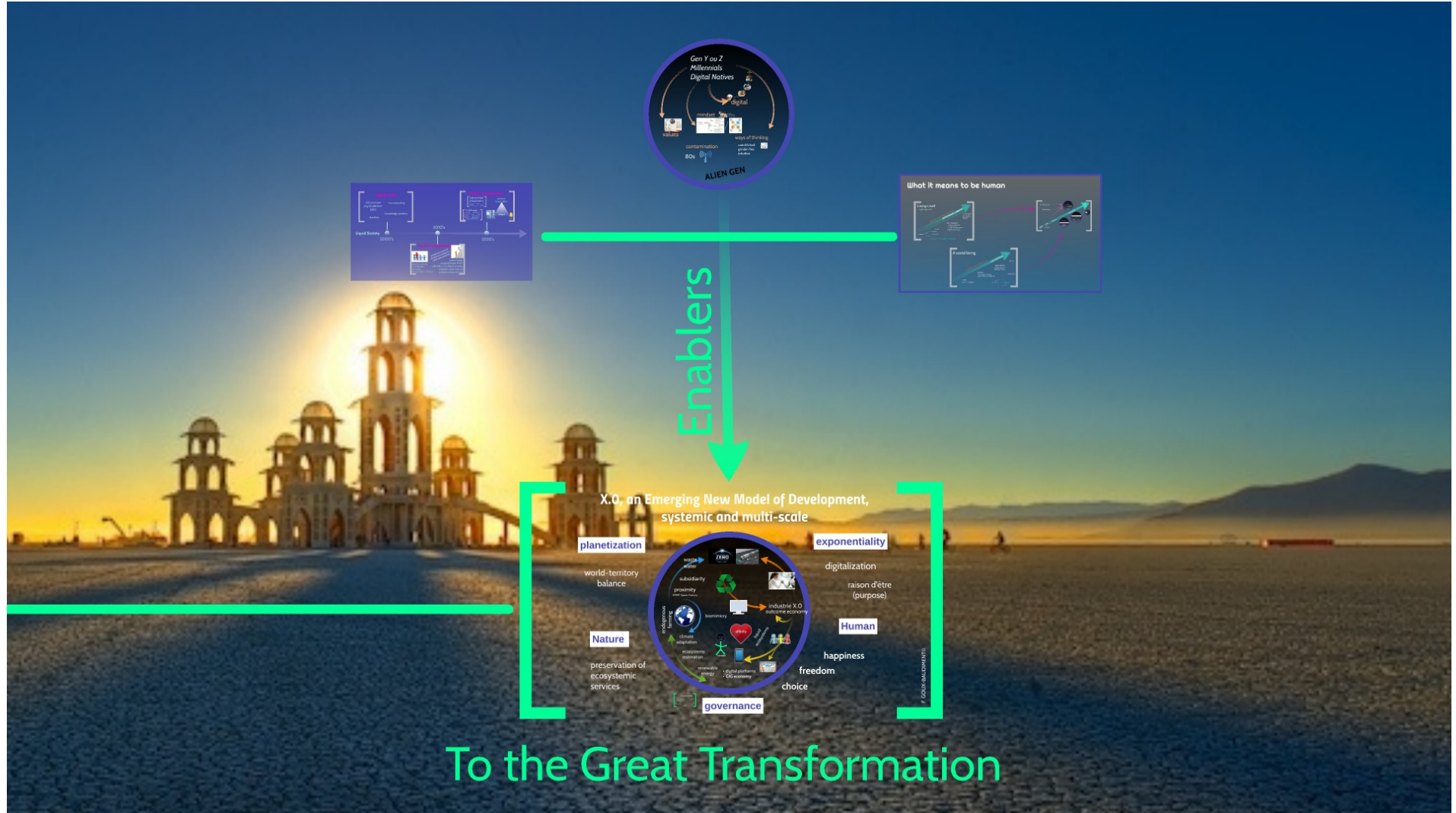
happiness

freedom

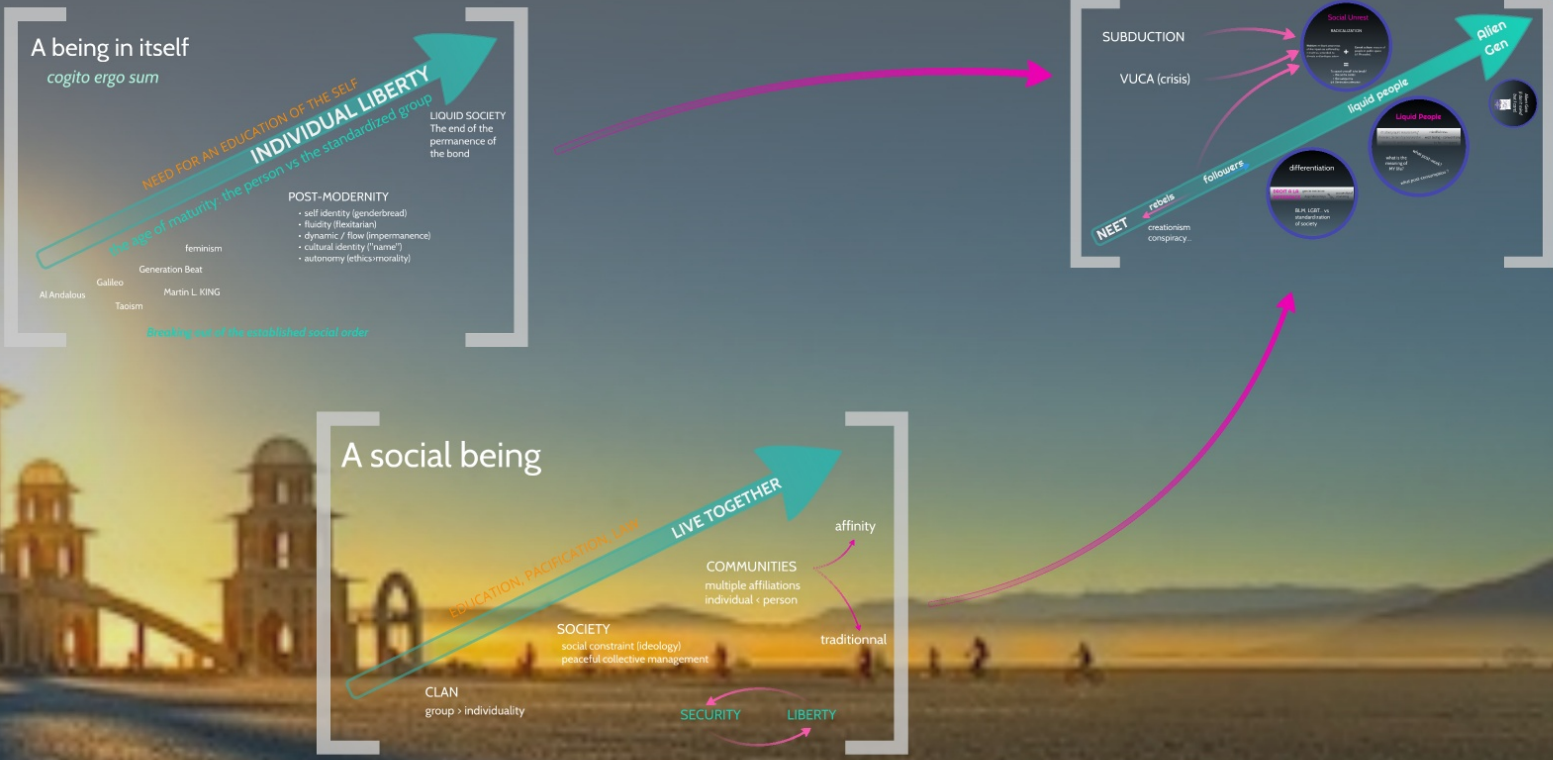
choice

governance

F. GOUX-BAUDIMENT ©



What it means to be human



A social being



A being in itself

cogito ergo sum

NEED FOR AN EDUCATION OF THE SELF

INDIVIDUAL LIBERTY

the age of maturity: the person vs the standardized group

LIQUID SOCIETY
The end of the
permanence of
the bond

POST-MODERNITY

- self identity (genderbread)
- fluidity (flexitarian)
- dynamic / flow (impermanence)
- cultural identity ("name")
- autonomy (ethics>morality)

feminism

Generation Beat

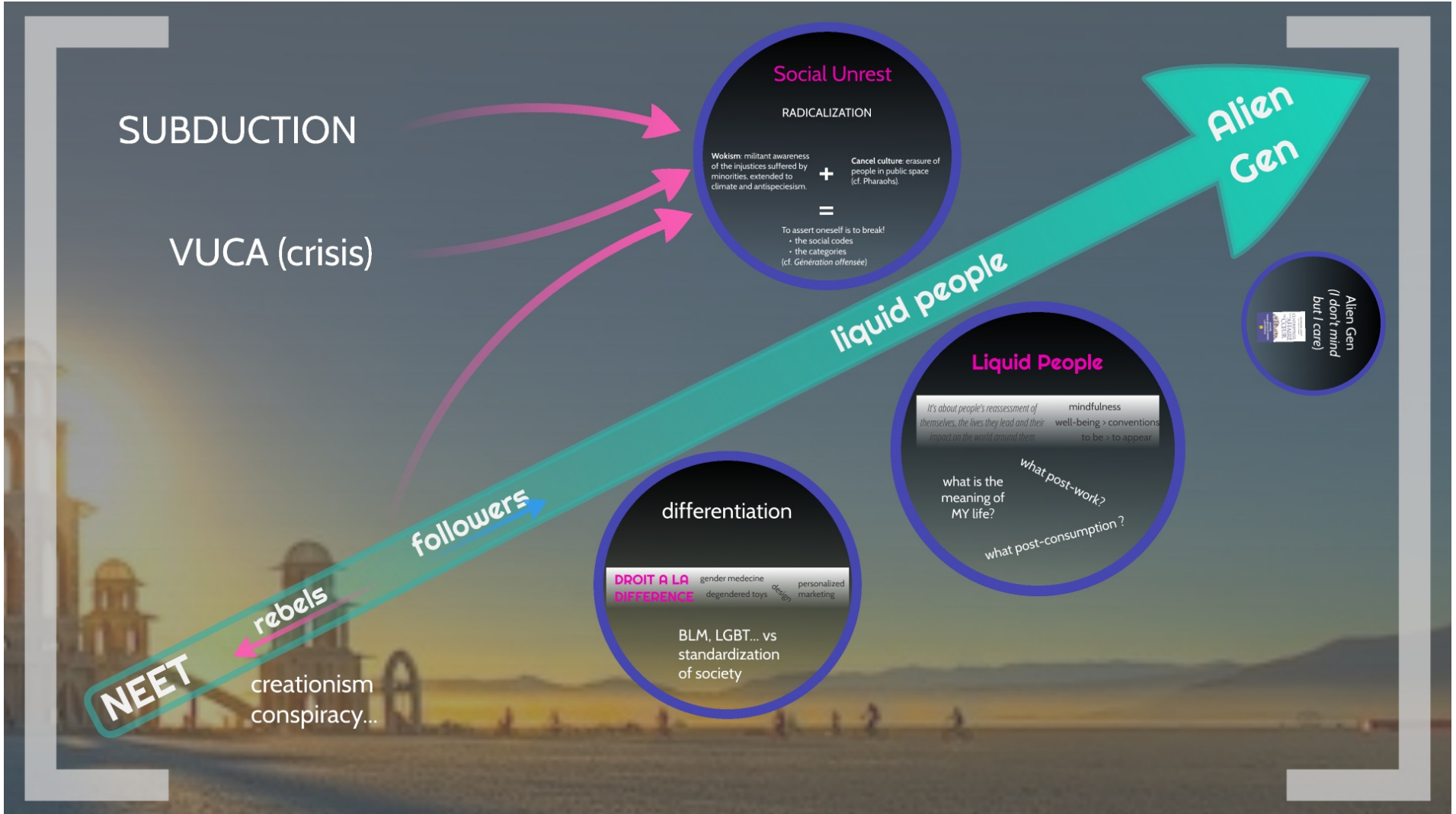
Galileo

Al Andalous

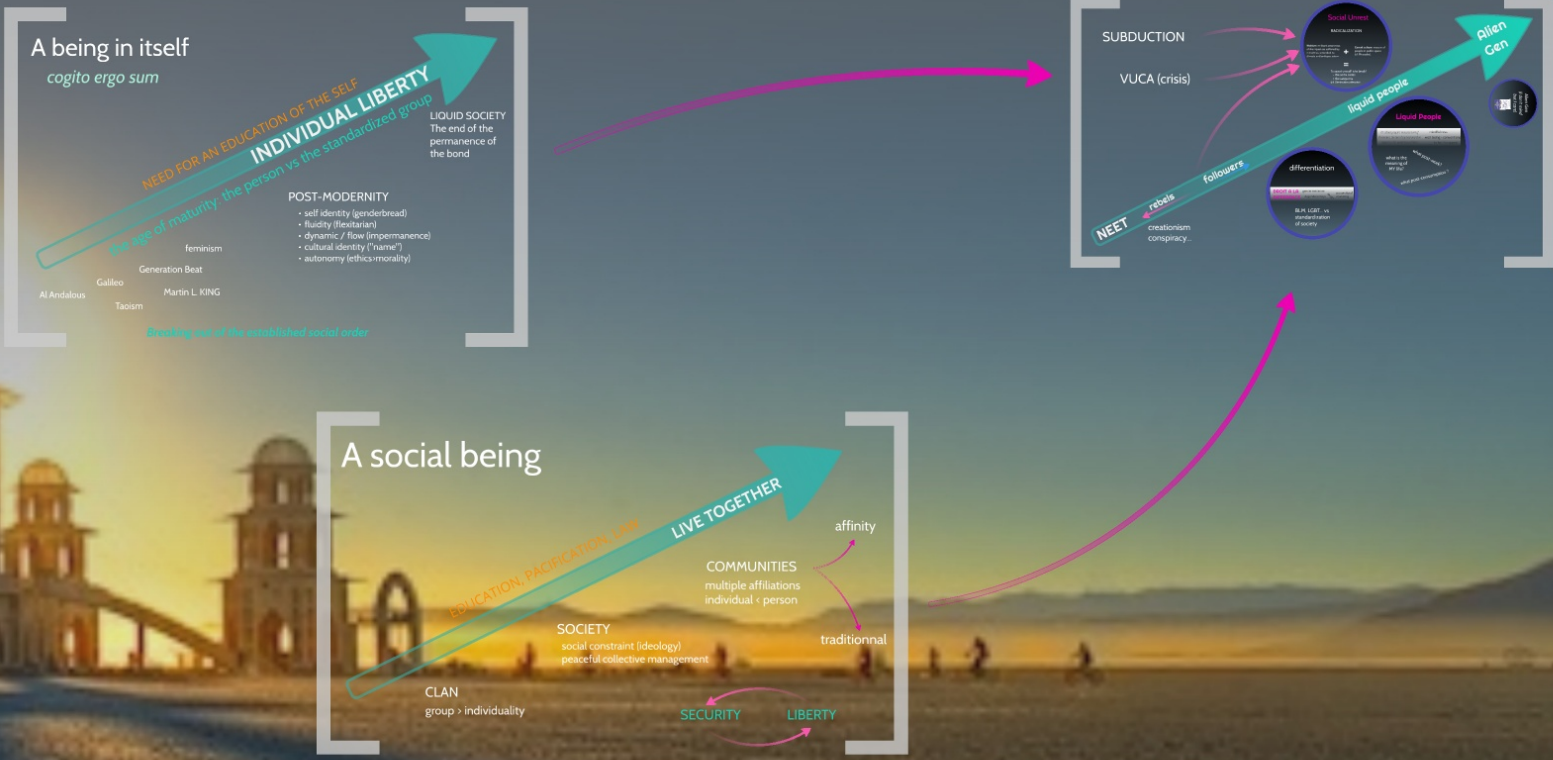
Taoism

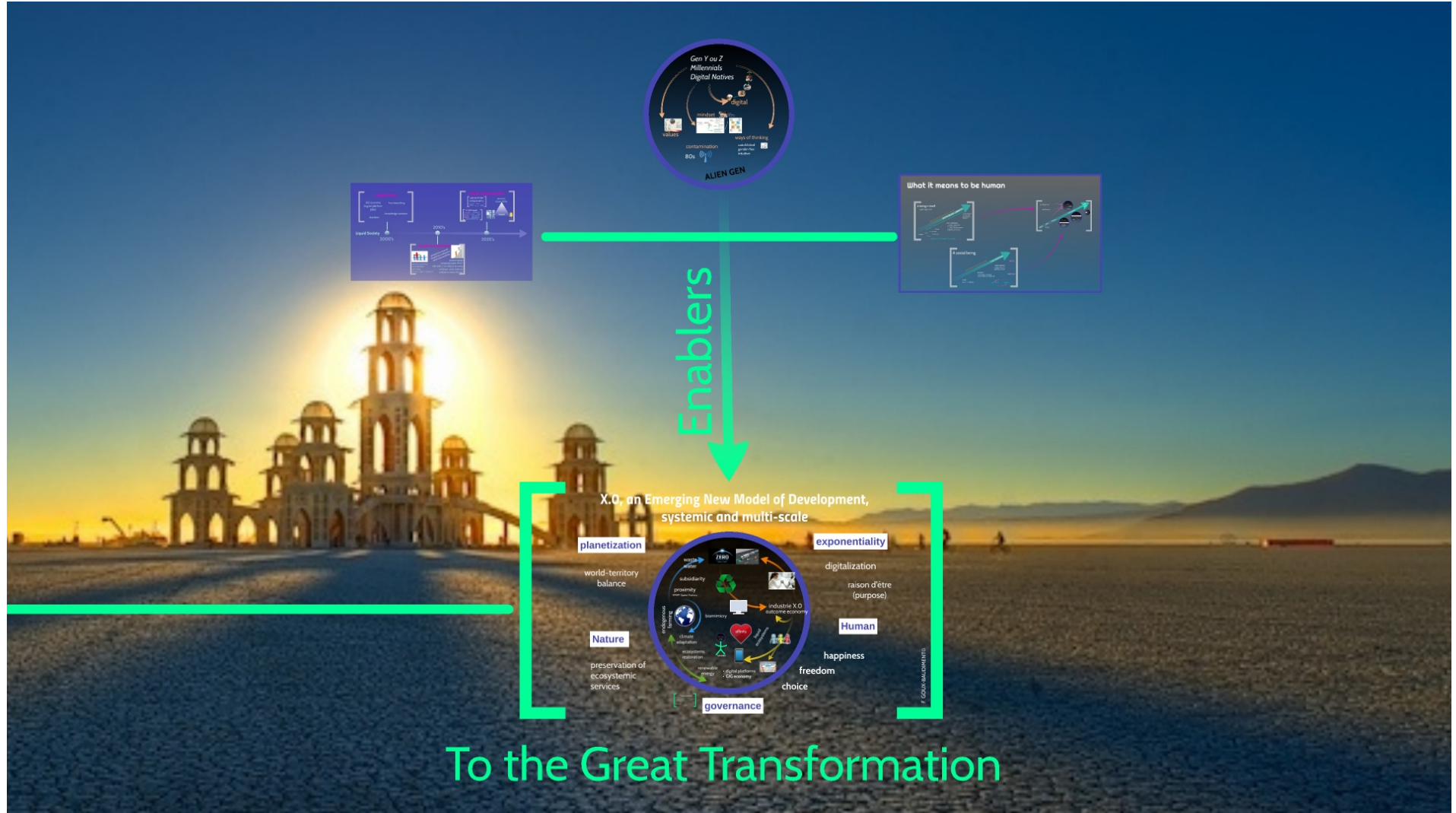
Martin L. KING

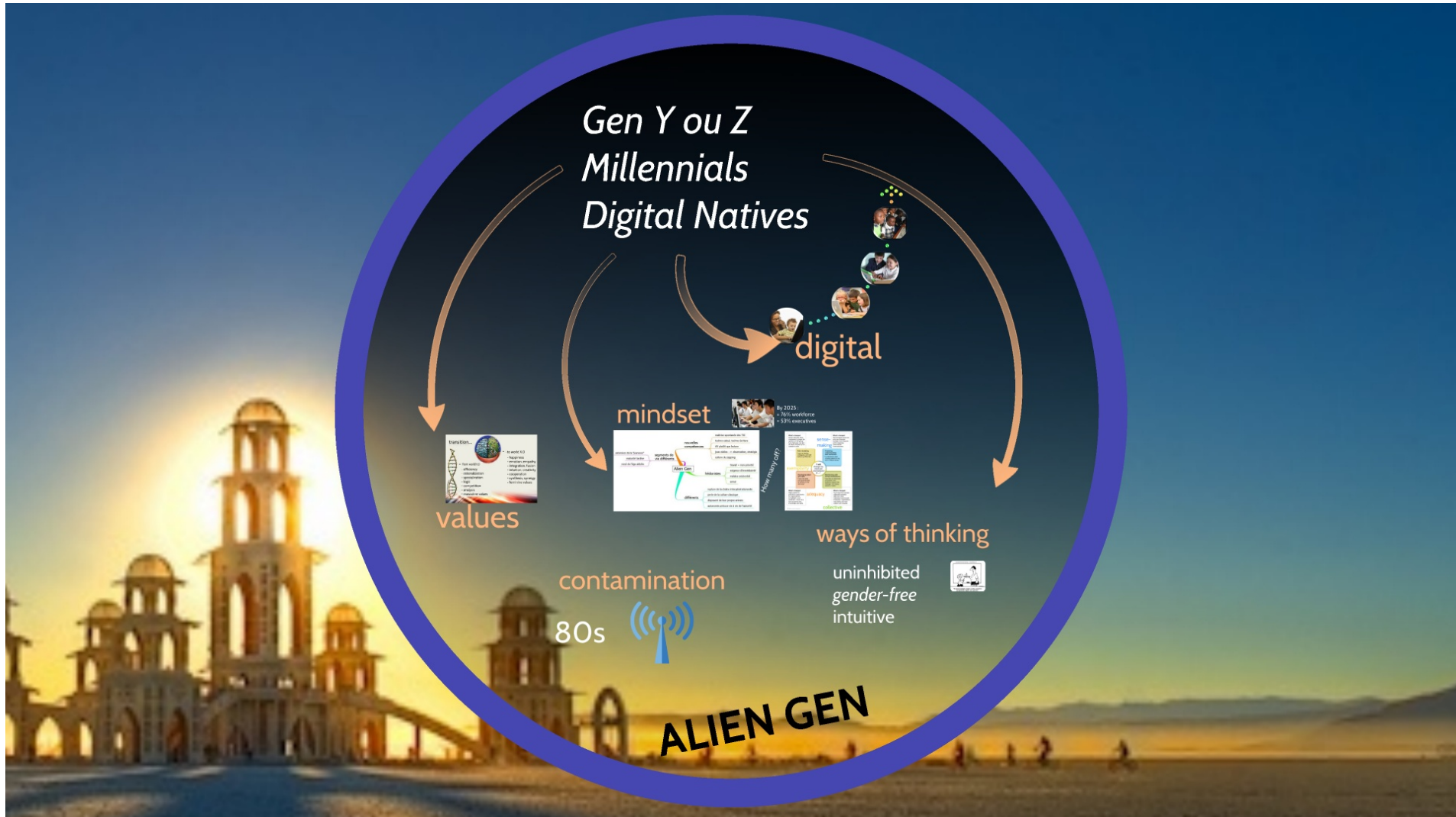
Breaking out of the established social order

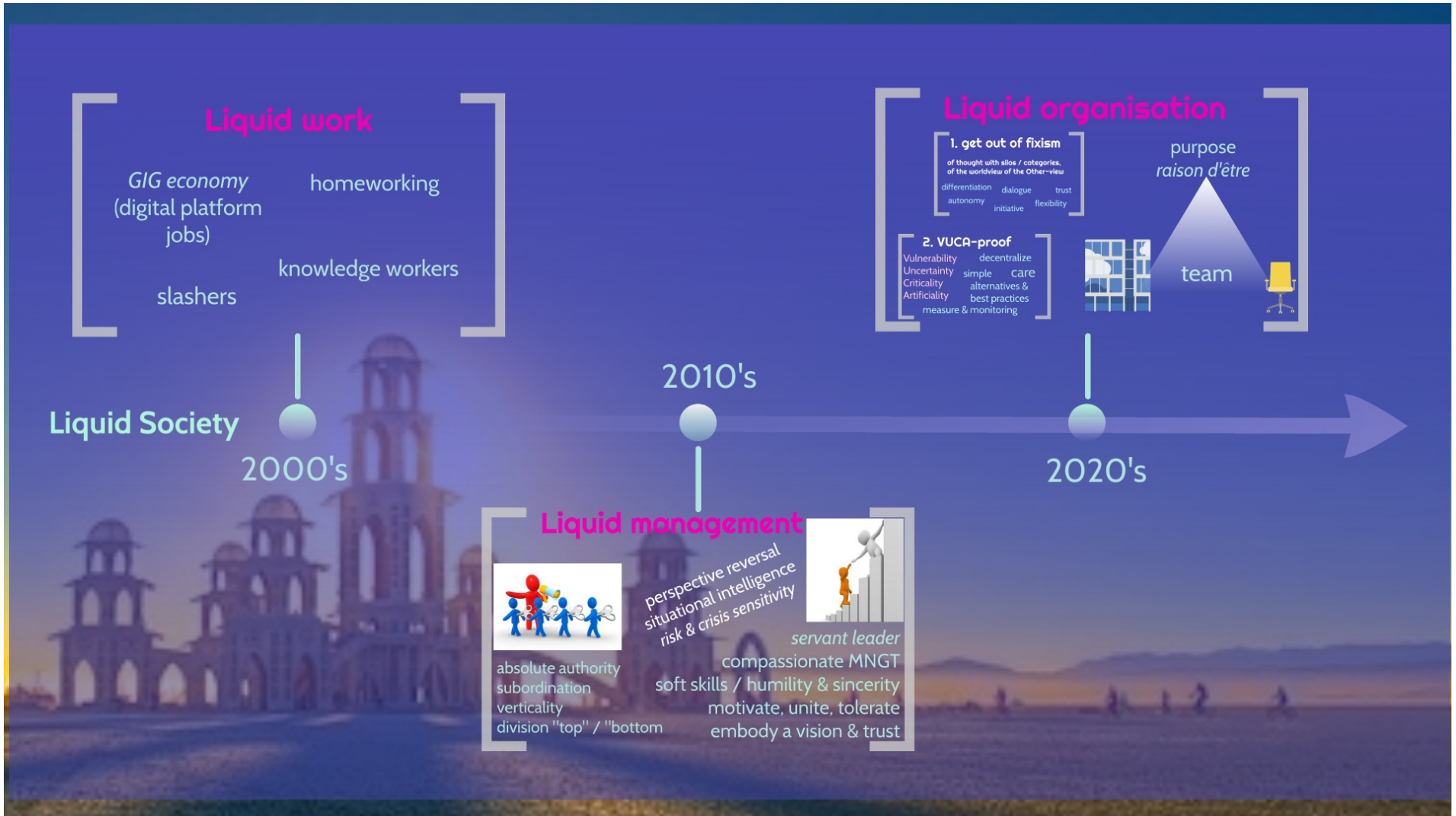


What it means to be human







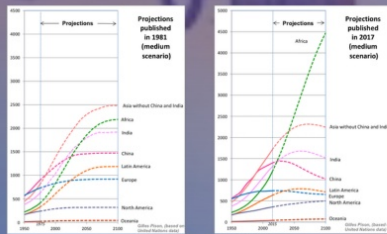


Which educational strategy for an X.0 world?

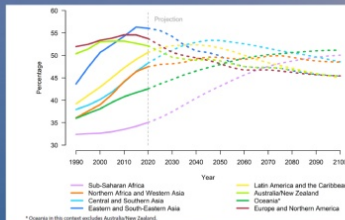
resistance?



business as usual



Decreasing world population
Source : Ined - The Population of the World (2017)



Evolution of the global workforce (24-65 years)
Source : UN World Population Prospects 2019

Massification of education
World job market
'Talent war'

resilience?



non-structural adaptation

Human Added Value?
Between Big data, algorithms and artificial intelligence, the French Société Générale has set itself the objective of entrusting robots with 80% of its internal tasks. (nov 2017)



World 1.0

industrialization of education:
the factory of similarity through
the diploma (SPC)

worker-païem:
from paternalism to turnover,
from the social ladder to out-
placement

World X.0

from individual to person

irruption of the Alien Gen

humanness

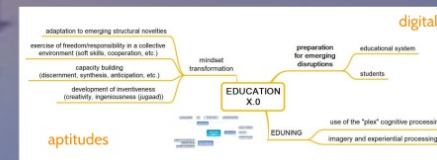
aptitudes
difference

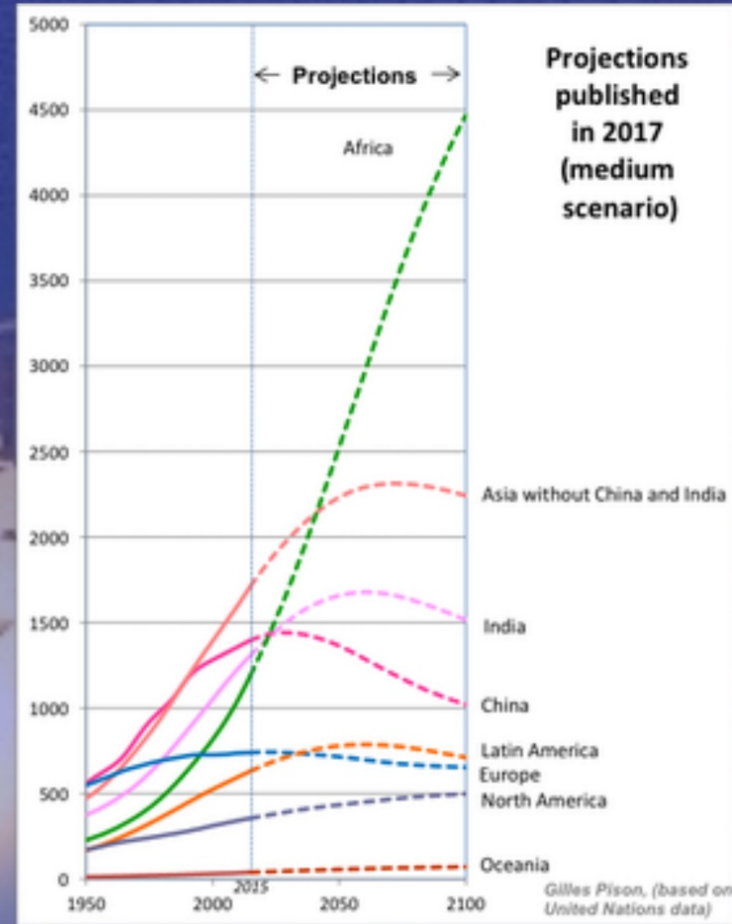
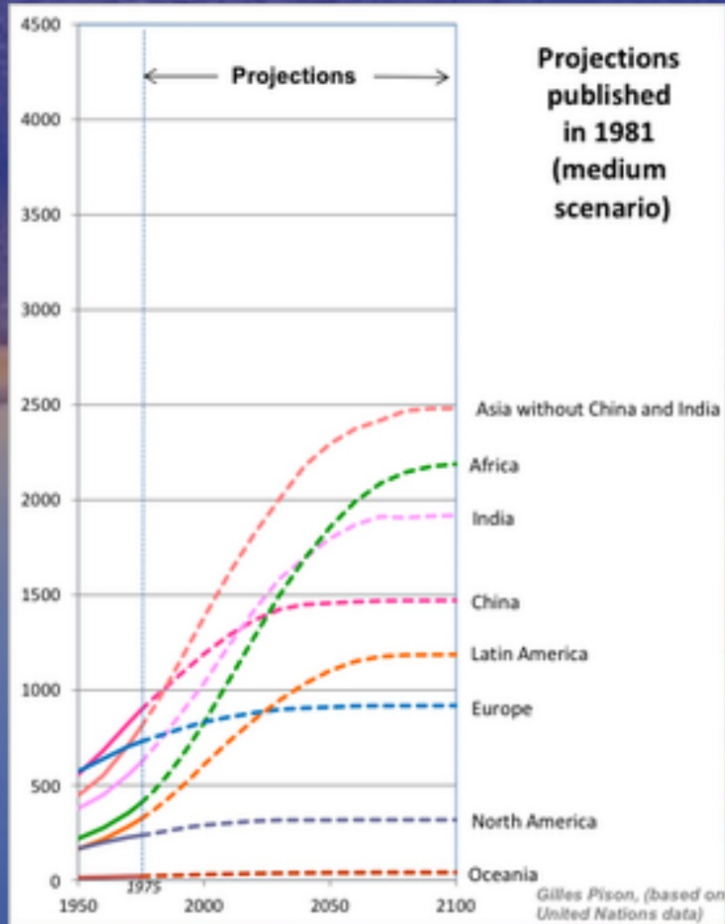
spirit of service

transformation?

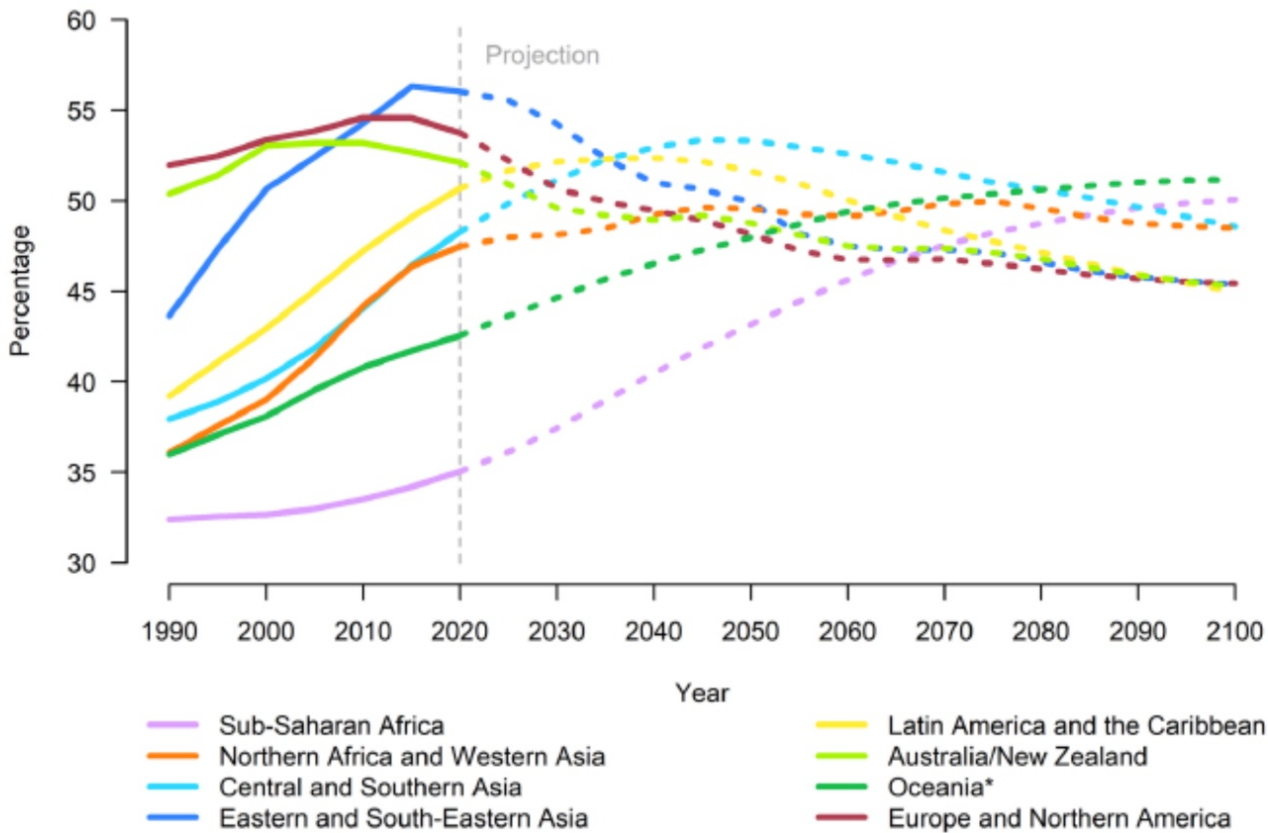


new educational deal





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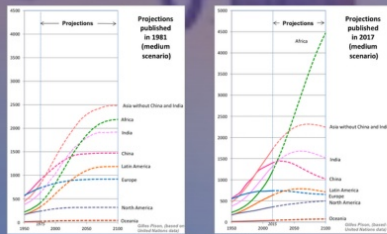
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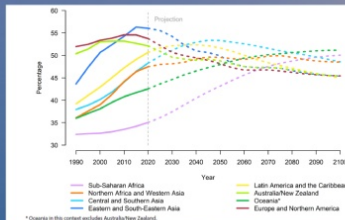
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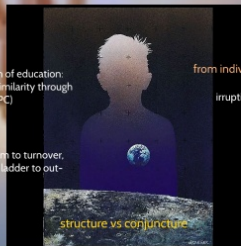
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non-structural adaptation

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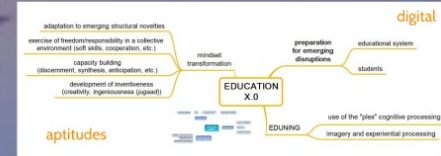
aptitudes difference

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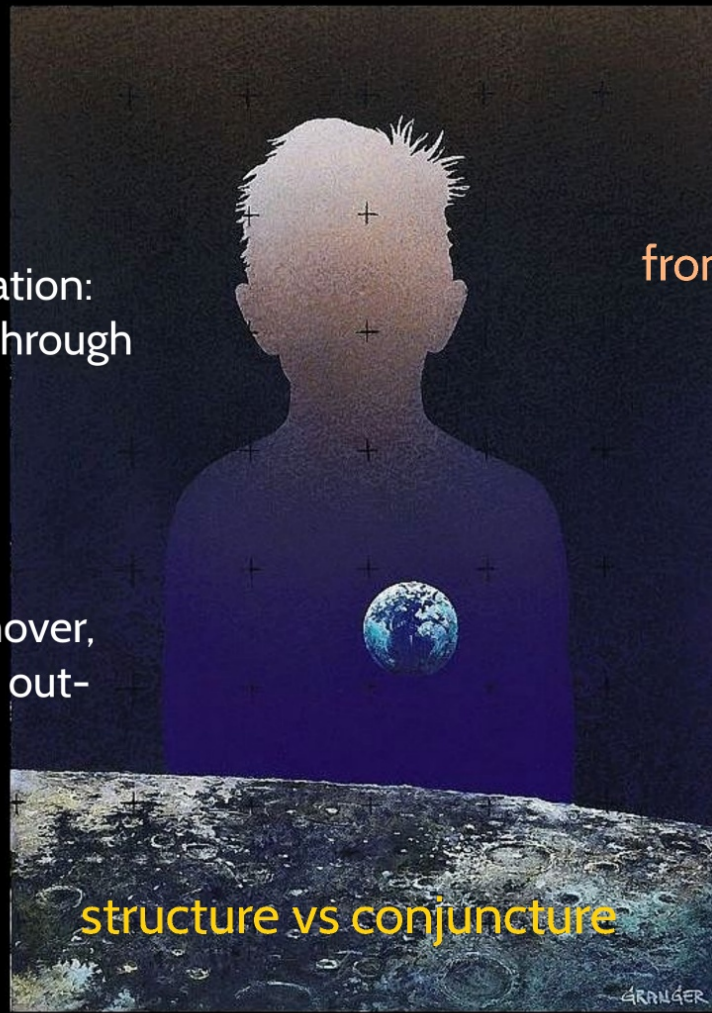
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structure vs conjuncture

World X.0

from individual to person

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aptitudes
difference

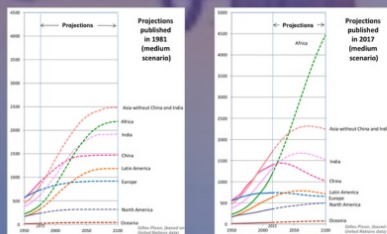
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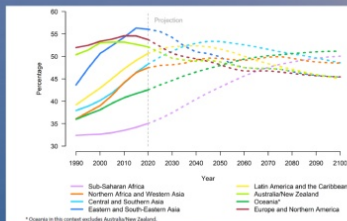
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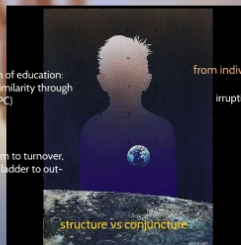
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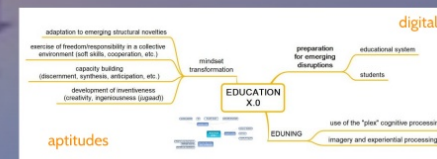
aptitudes difference

split of service

transformation?



new educational deal



digital

- adaptation to emerging structural novelties
- exercise of freedom/responsibility in a collective environment (soft skills, cooperation, etc.)
- capacity building (discernment, synthesis, anticipation, etc.)
- development of inventiveness (creativity, ingeniousness (*jugaad*))

mindset transformation

EDUCATION X.0

preparation for emerging disruptions

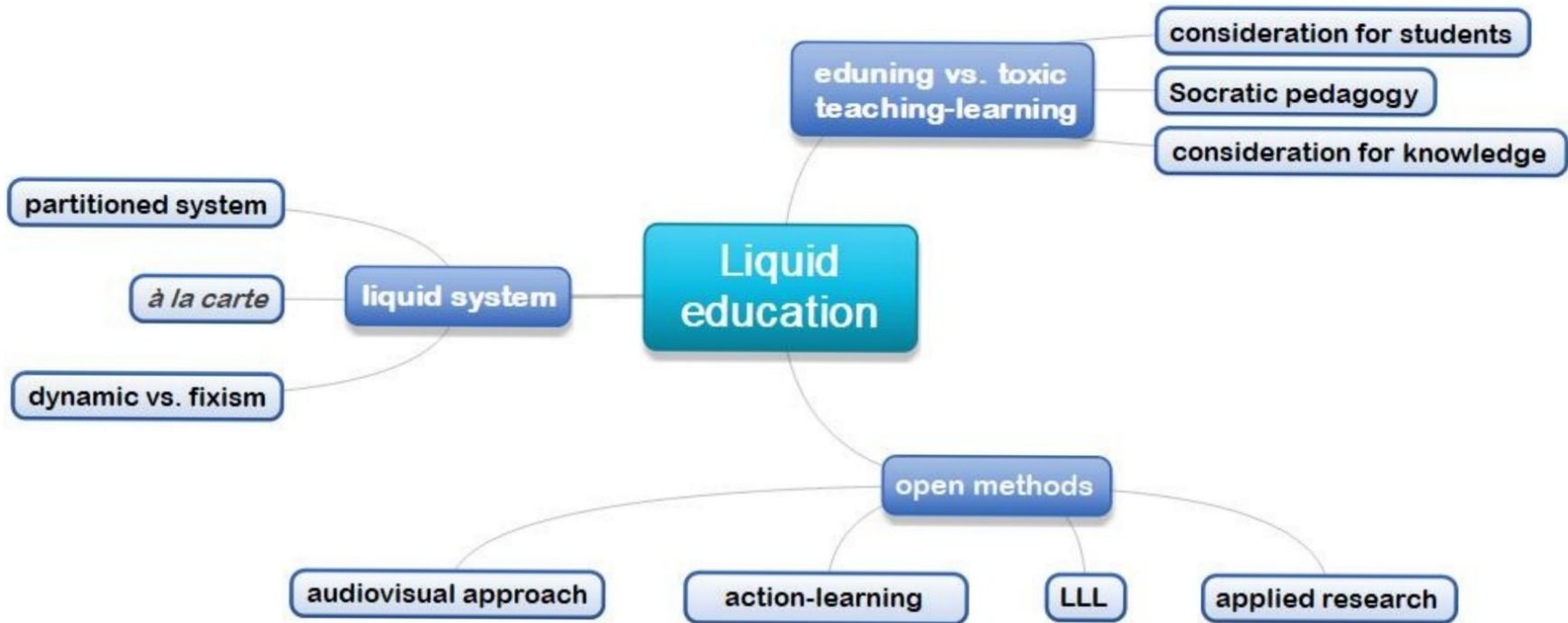
- educational system
- students

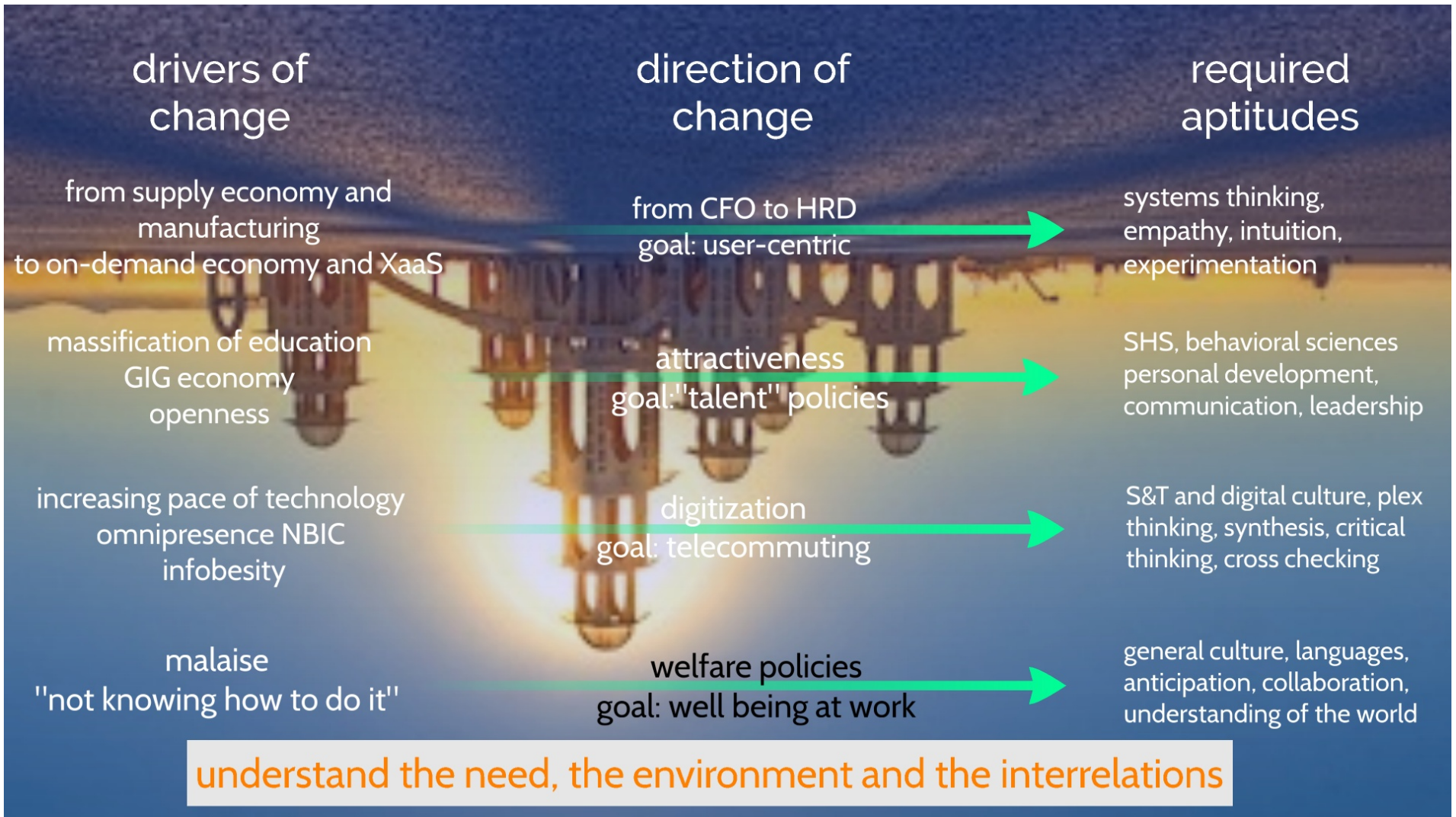
aptitudes



EDUNING

- use of the "plex" cognitive processing
- imagery and experiential processing



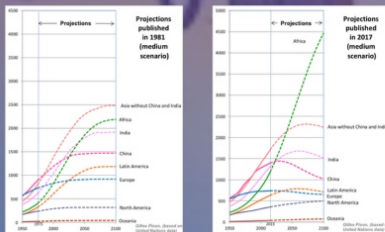


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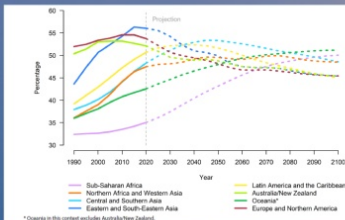
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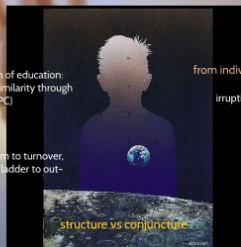
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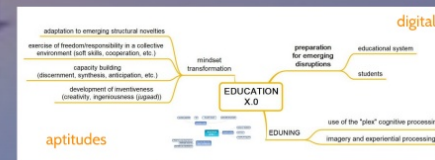
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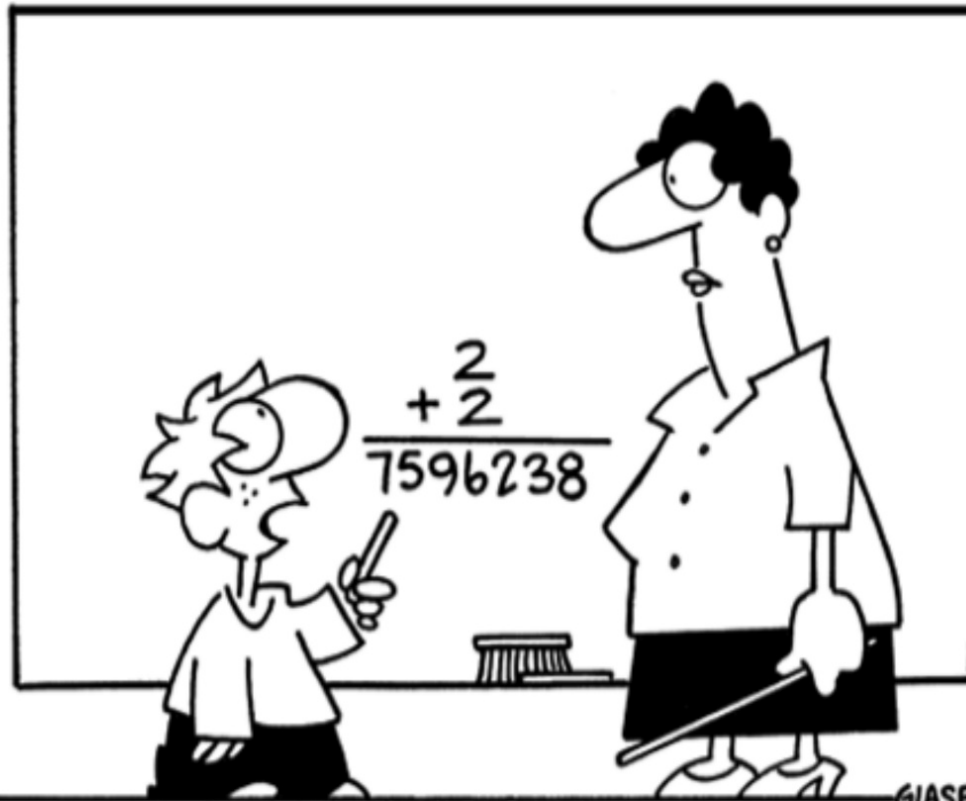
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“In an increasingly complex world, sometimes old questions require new answers.”

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Thank you for your attention!

