

Technology and Humanity: Our Future



techvshuman.com



gerdtube.com



@gleonhard

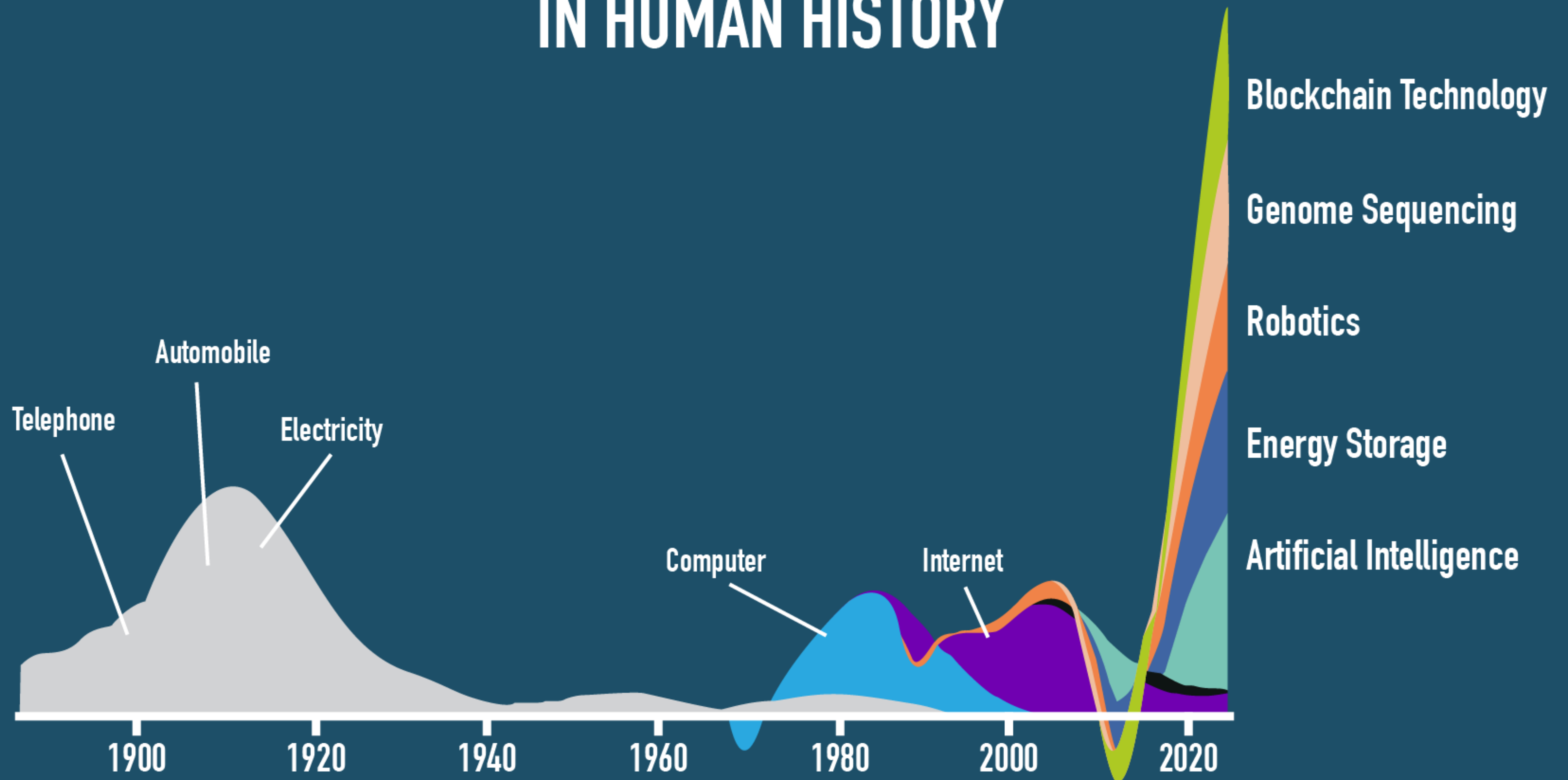


futuristgerd.com

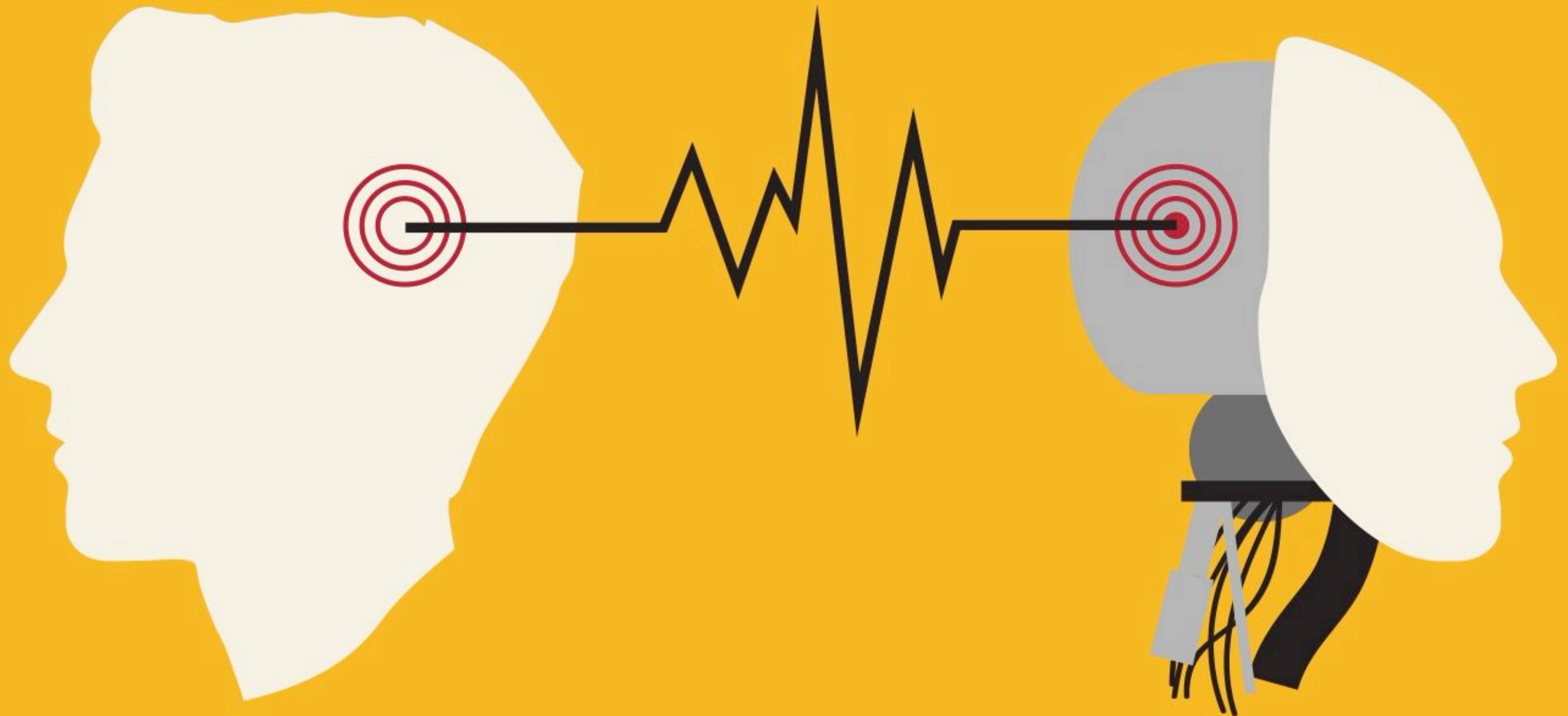
Our world will change more in the next 20 years than in the previous 300 years



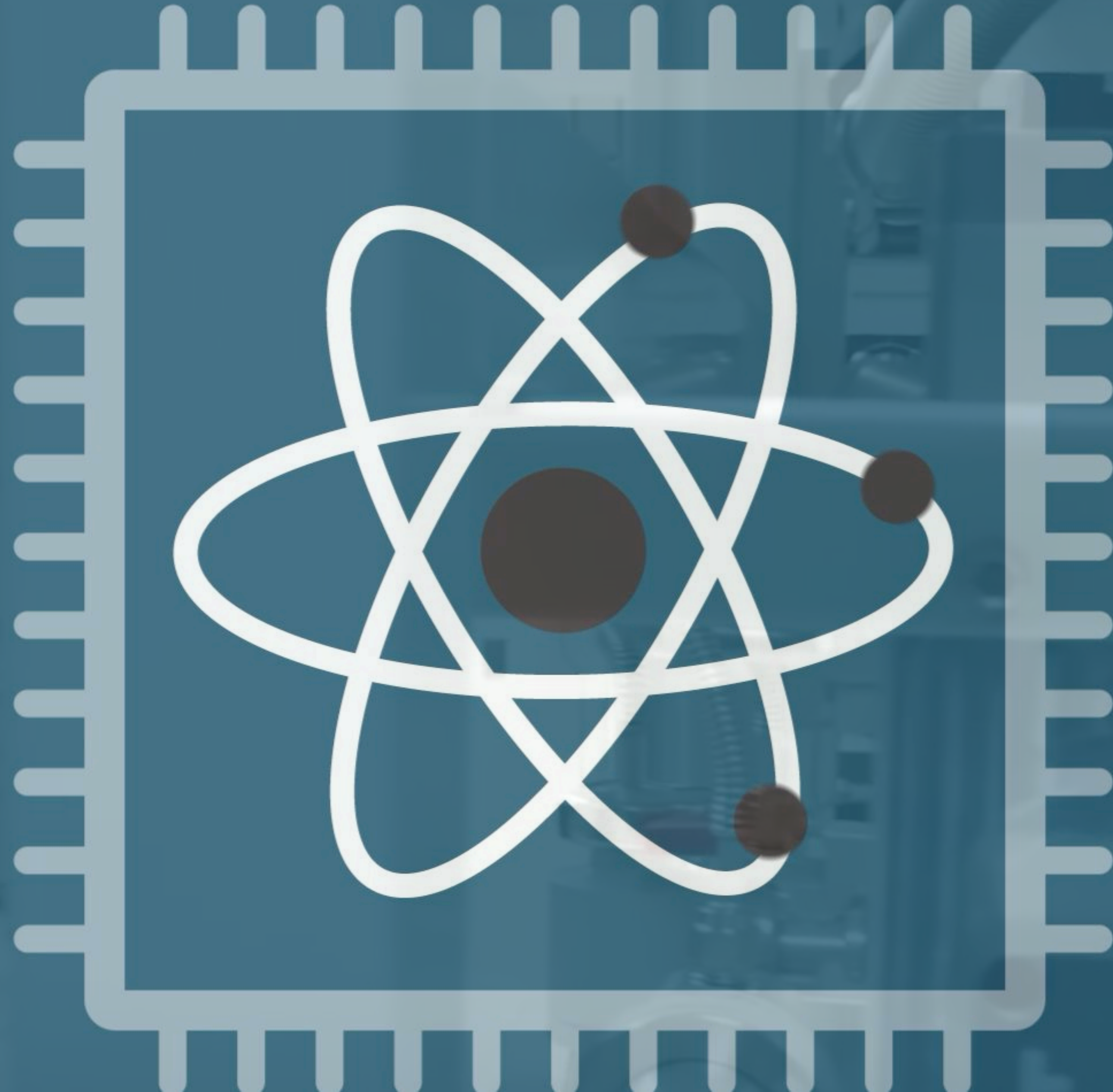
THE BIGGEST TECHNOLOGICAL TRANSFORMATION IN HUMAN HISTORY



Humanity 🌐 Technology

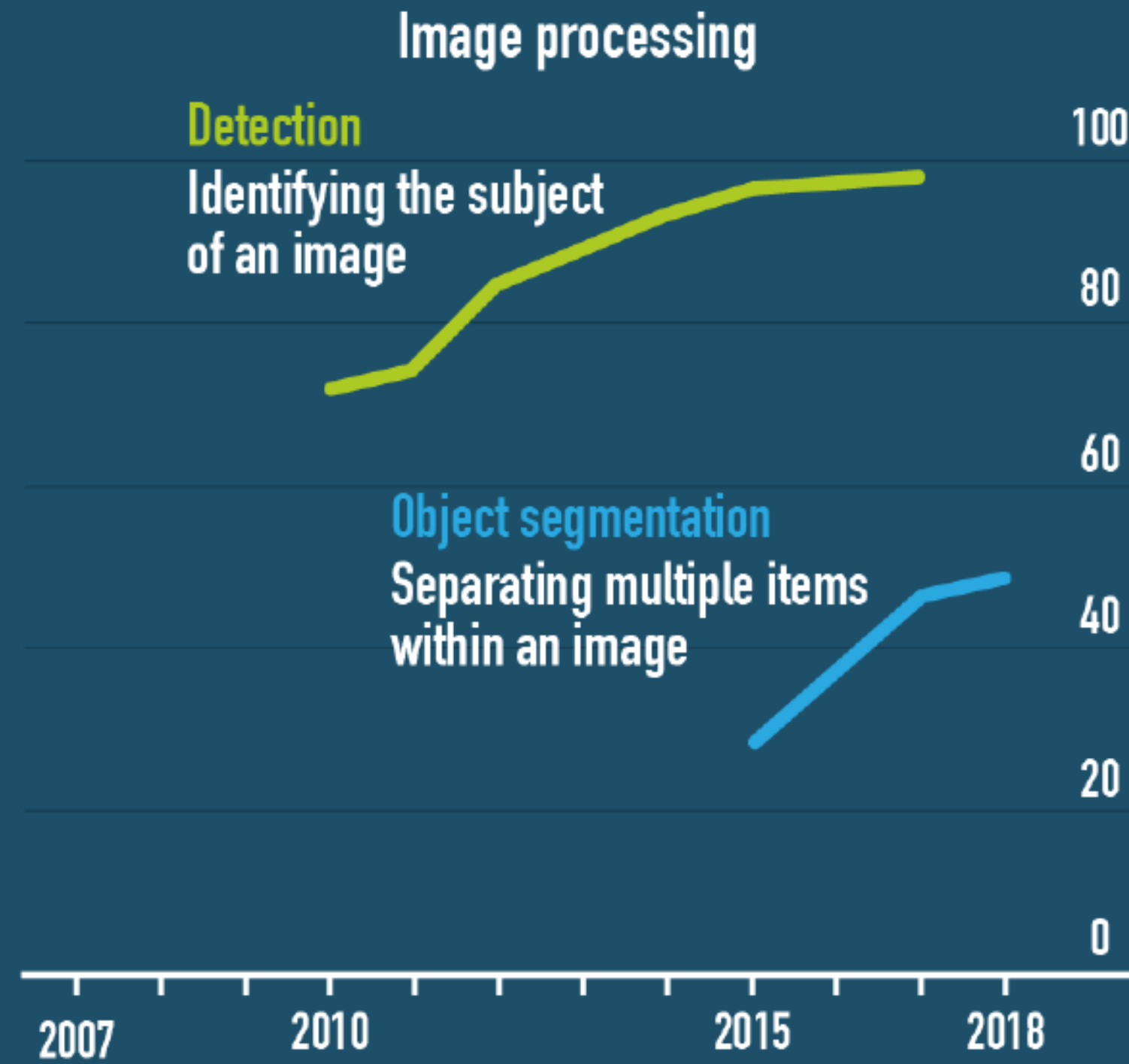


Qubit | Quantum Computing: WARP DRIVE for Human-Machine Convergence



LEARNING CURVES

SUCCESS RATE OF BEST AVAILABLE AI SYSTEM, %



Source: Stanford University Artificial Intelligence Index 2018 annual report



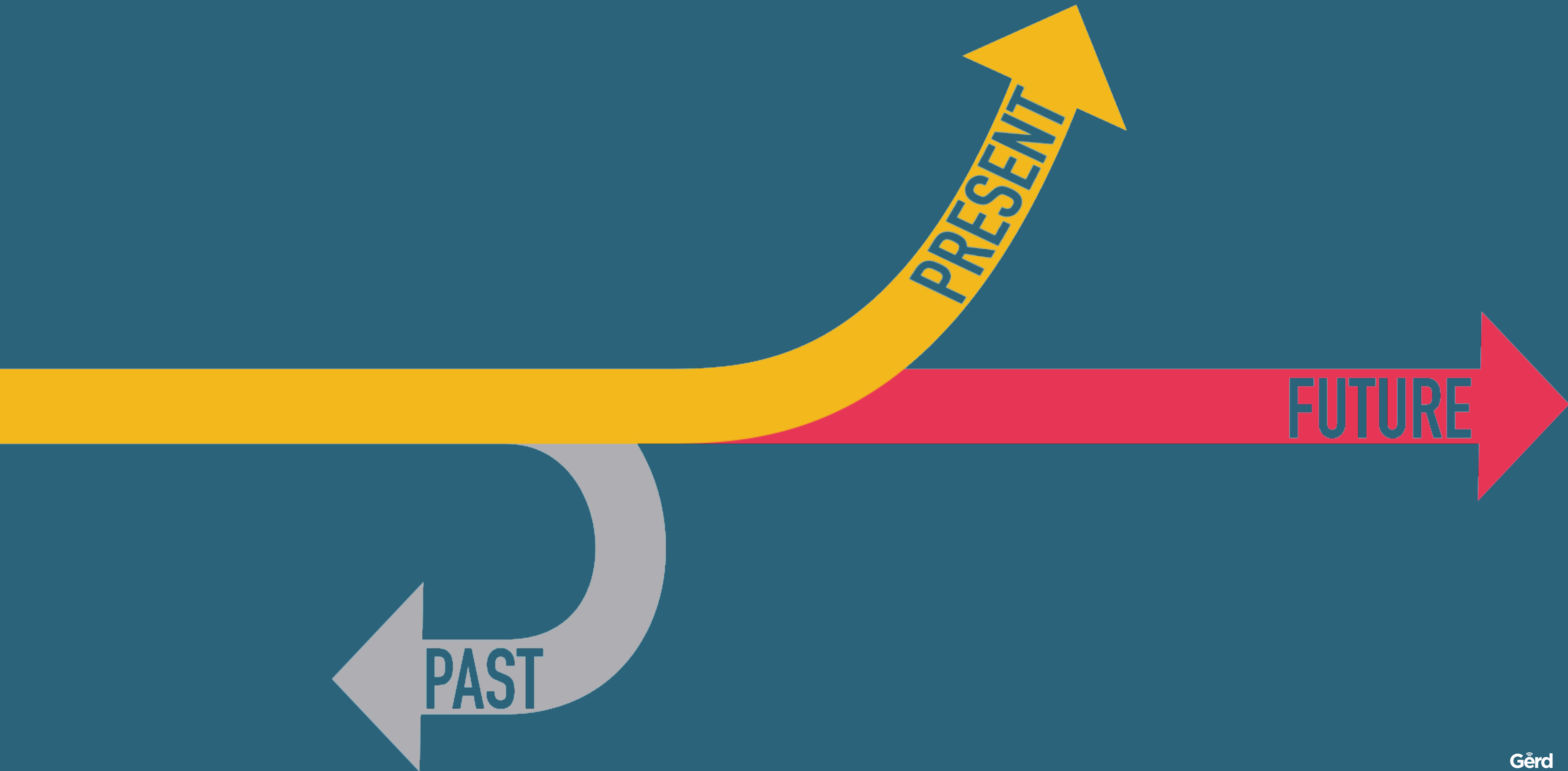
*BLEU score (% similar to a human-made translation)

e^x

EXPONENTIAL



The Future is not an extension of the present!





I BELIEVE THAT IN 30 YEARS OR SO WE WILL NO LONGER NEED TO KILL ANY ANIMALS AND THAT ALL MEAT WILL EITHER BE CLEAN OR PLANT-BASED, TASTE THE SAME AND ALSO BE MUCH HEALTHIER FOR EVERYONE."

*RICHARD BRANSON,
VIRGIN AMERICA FOUNDER AND MEMPHIS
MEATS INVESTOR*



**GROWN FROM
REAL COW &
PIG CELLS**

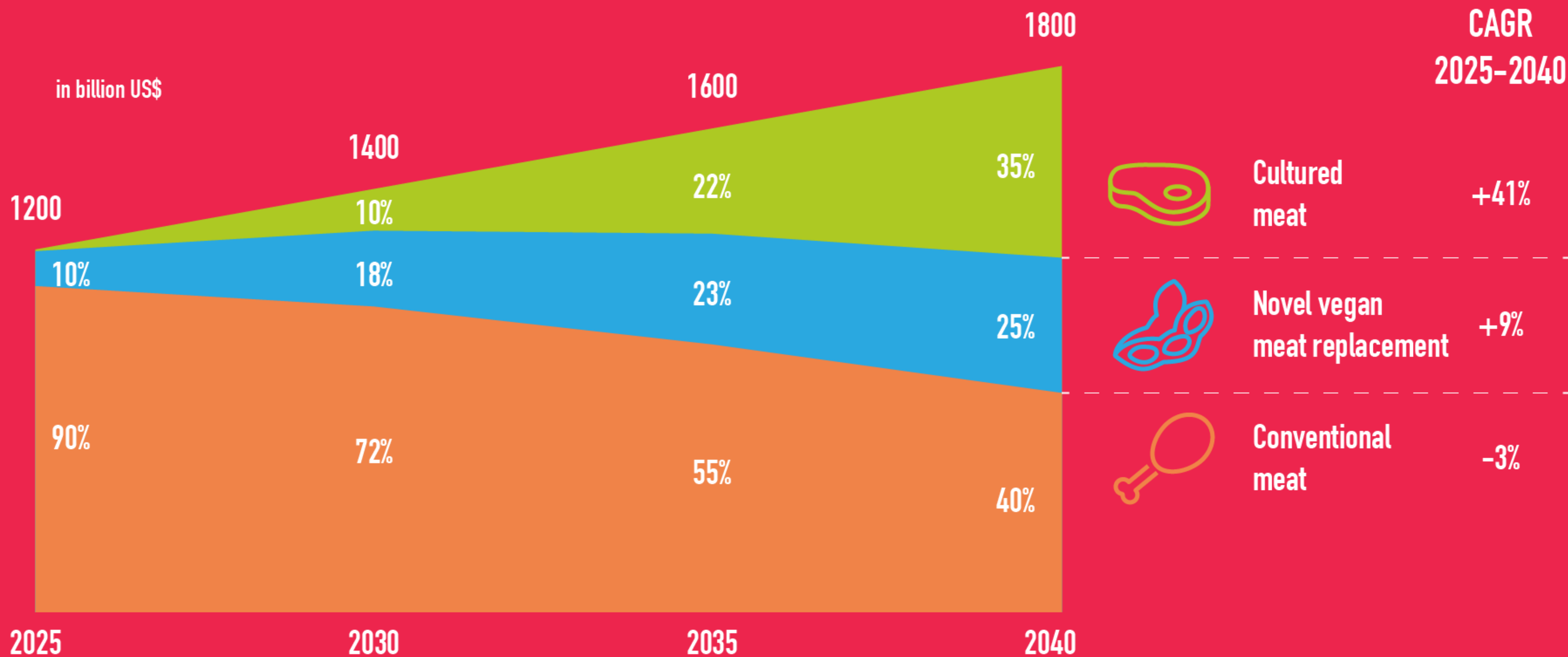
**TAKES CELLS
14-21 DAYS to
MATURE in a
BIOREACTOR**

**COSTS \$18,000
to PRODUCE
1 lb. of BEEF**

**COULD BE
STORED
in
by 2021**



GLOBAL MEAT CONSUMPTION

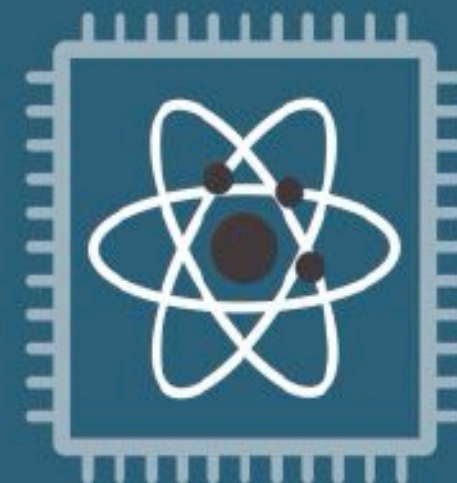
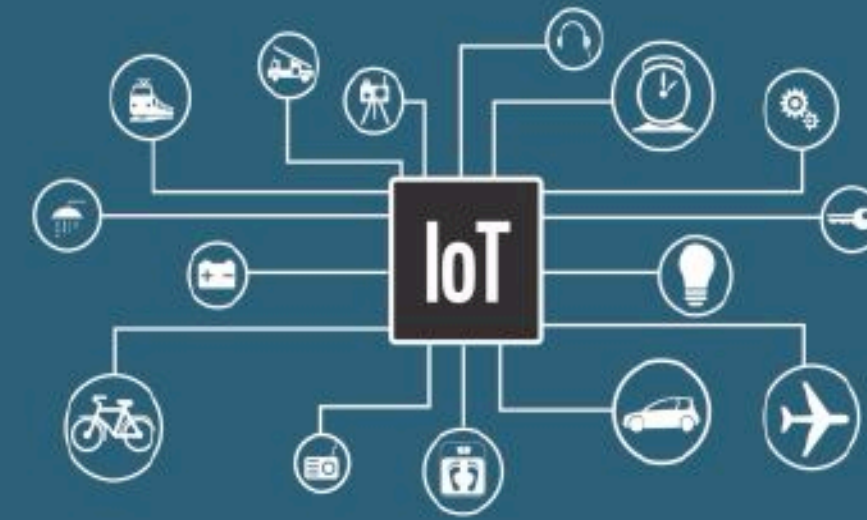




NEW STORY/ICON

A home like this
can be built in
less than 24 hours...

The 9 game-changers



DATA EVERYTHING

CLOUD EVERYTHING

CONNECT EVERYTHING

SMART EVERYTHING

COMPUTE ANYTHING

TRANSACT ANYTHING

MAKE / PRINT ANYTHING

SEE EVERYTHING

BECOME ANYTHING

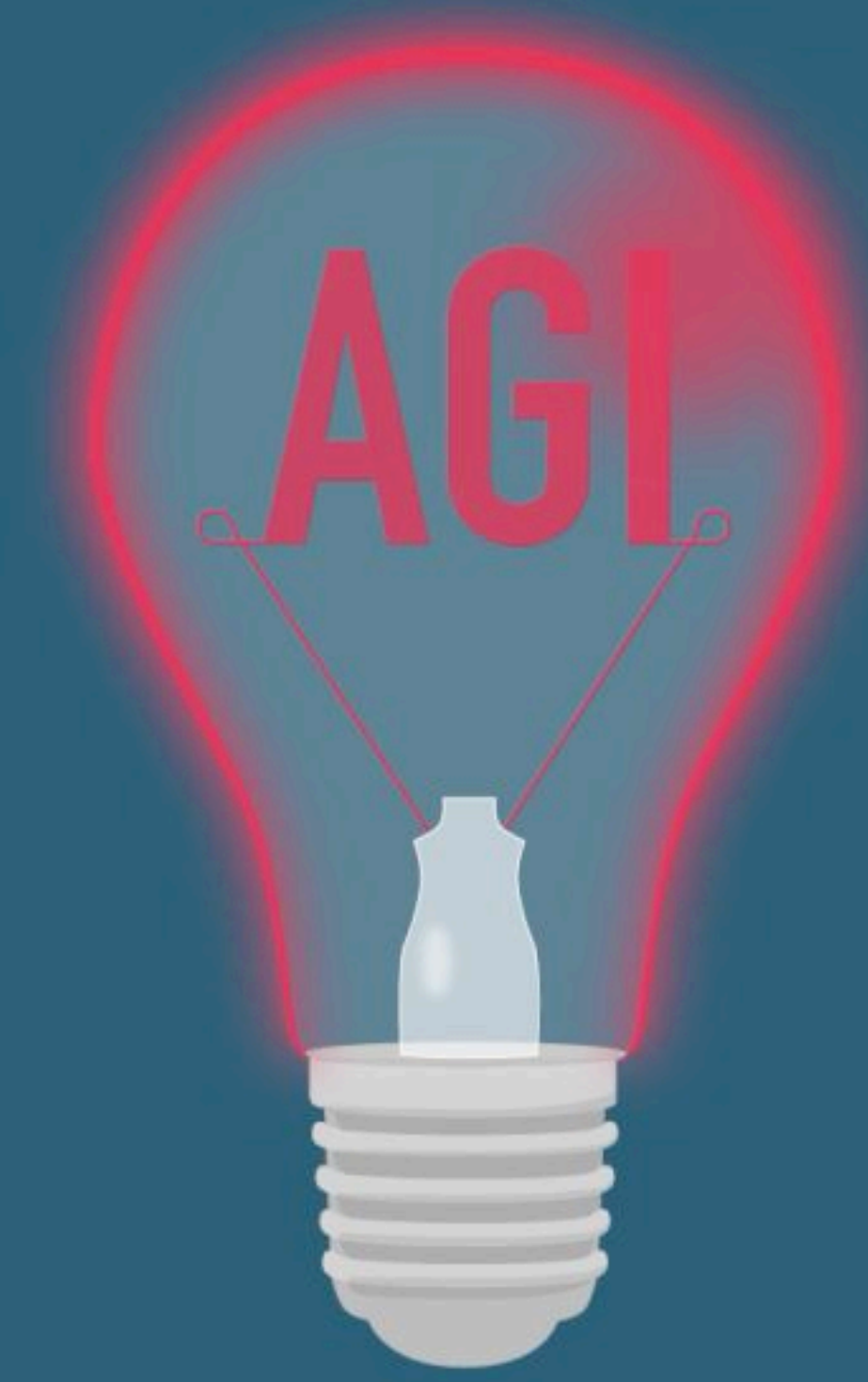
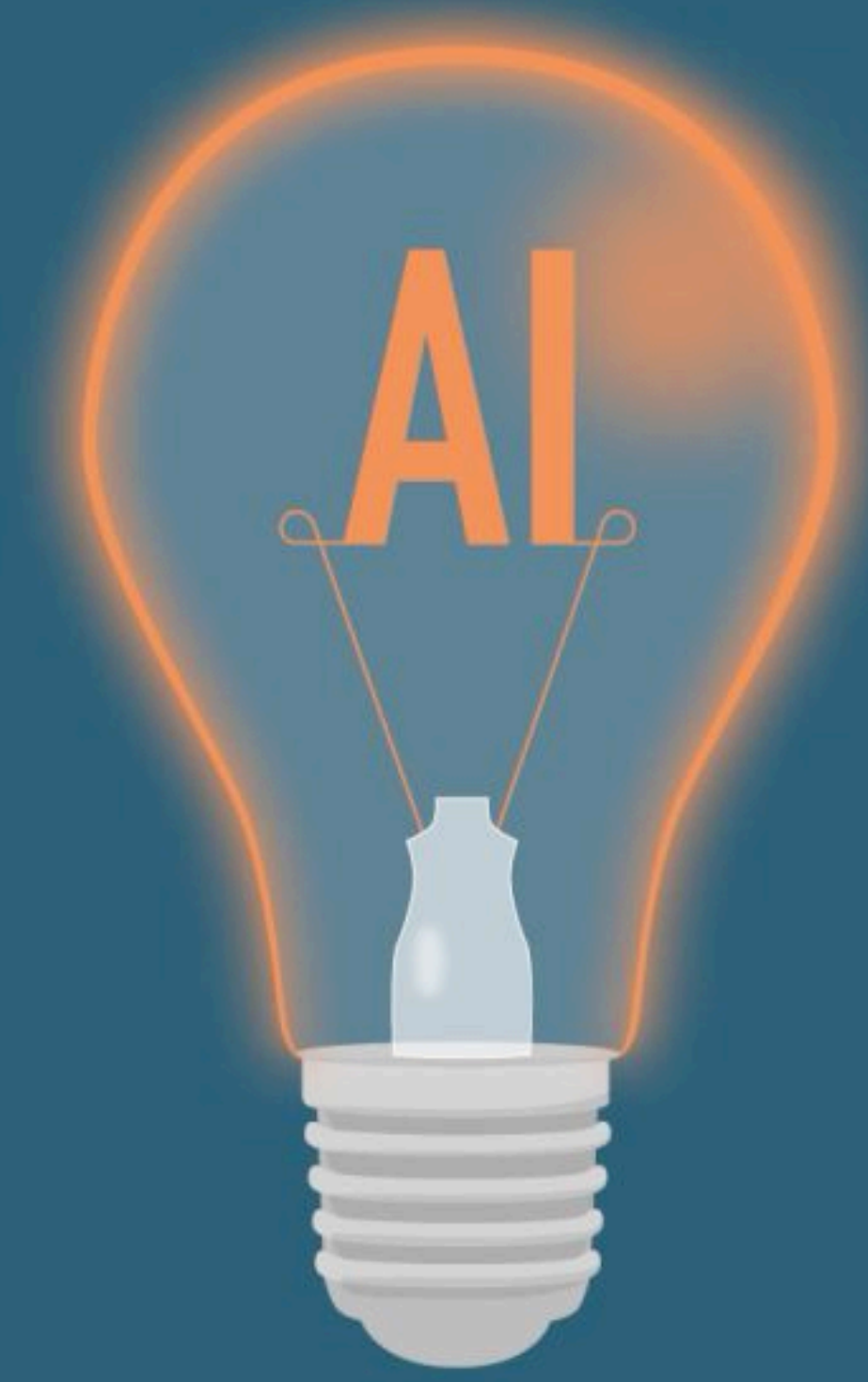
It could be heaven or it could be hell



It could be heaven or it could be hell



Intelligent Assistance (IA) | Artificial Intelligence | Artificial General / Super Intelligence



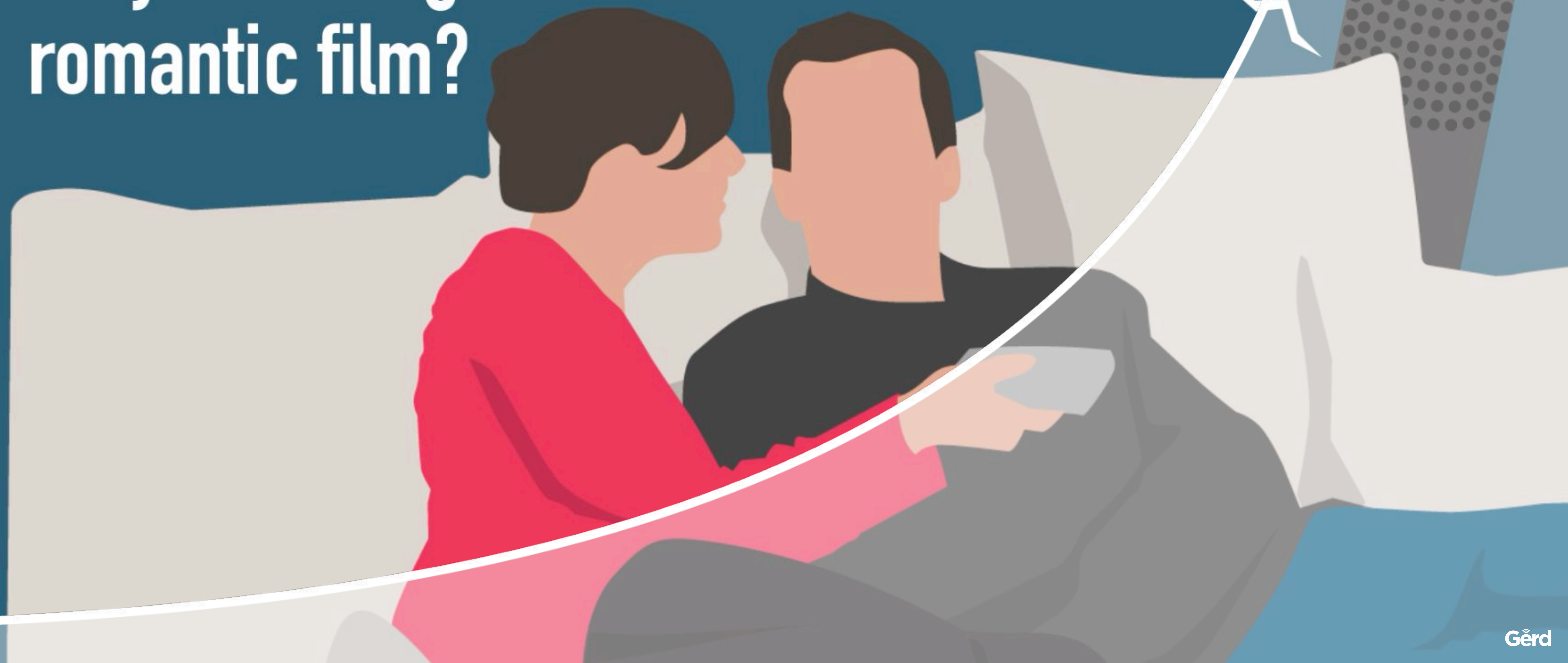
**“The social-media
meltdown results
from optimizing the
wrong objective on
a global scale with
fairly unintelligent
algorithms”**

Stuart Russell in ‘Human Compatible’



Fancy watching a
romantic film?

He likes
action movies





Alright, I'll call to book under your name and phone number, and I'll update you in the next fifteen minutes. Is that okay?

El Cocotero
Reservation details

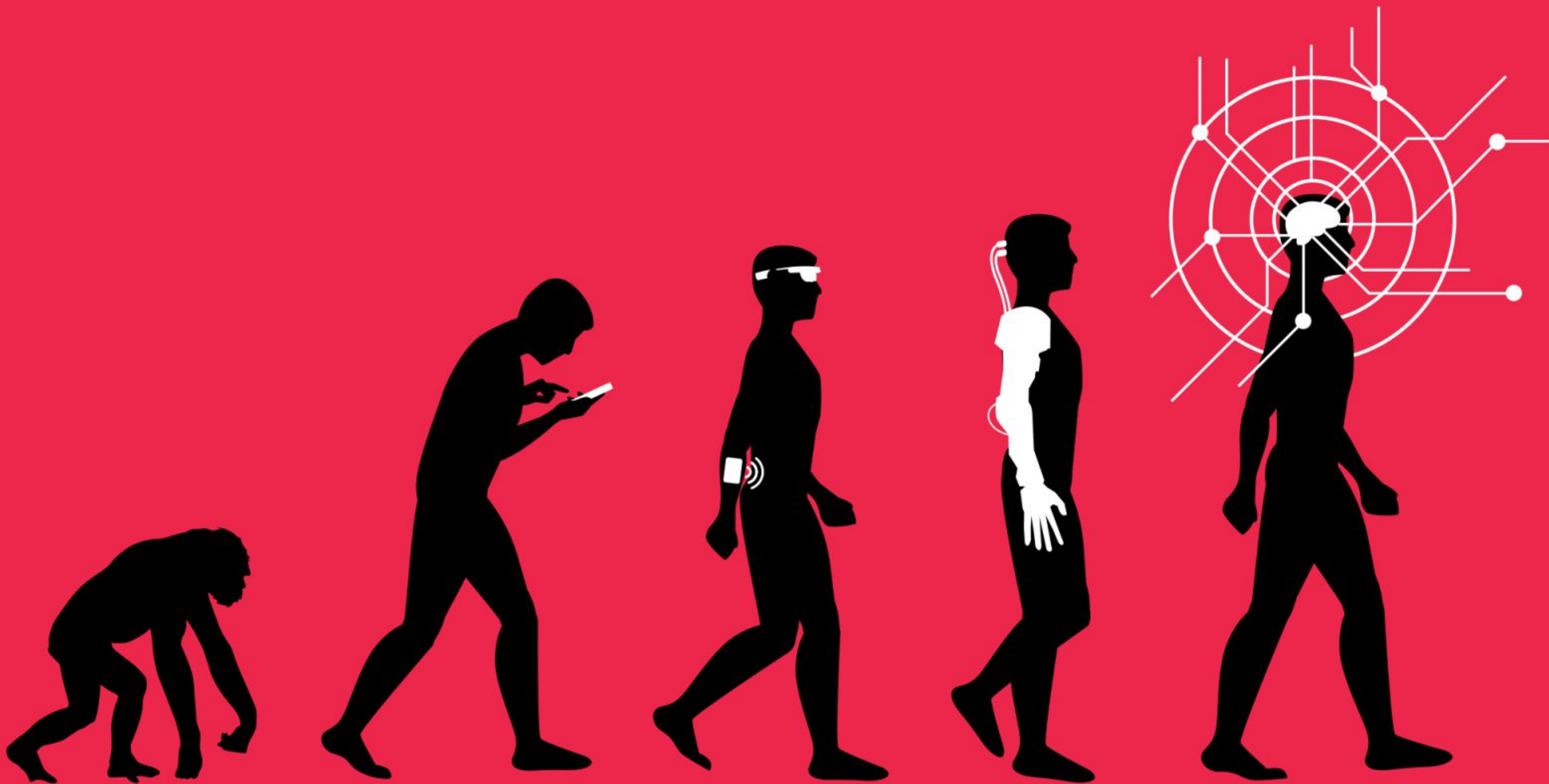
June 12, 7:00 PM (or 7:00 to 8:00 PM)
2 People
228 W 18th St #1, New York, NY 10011



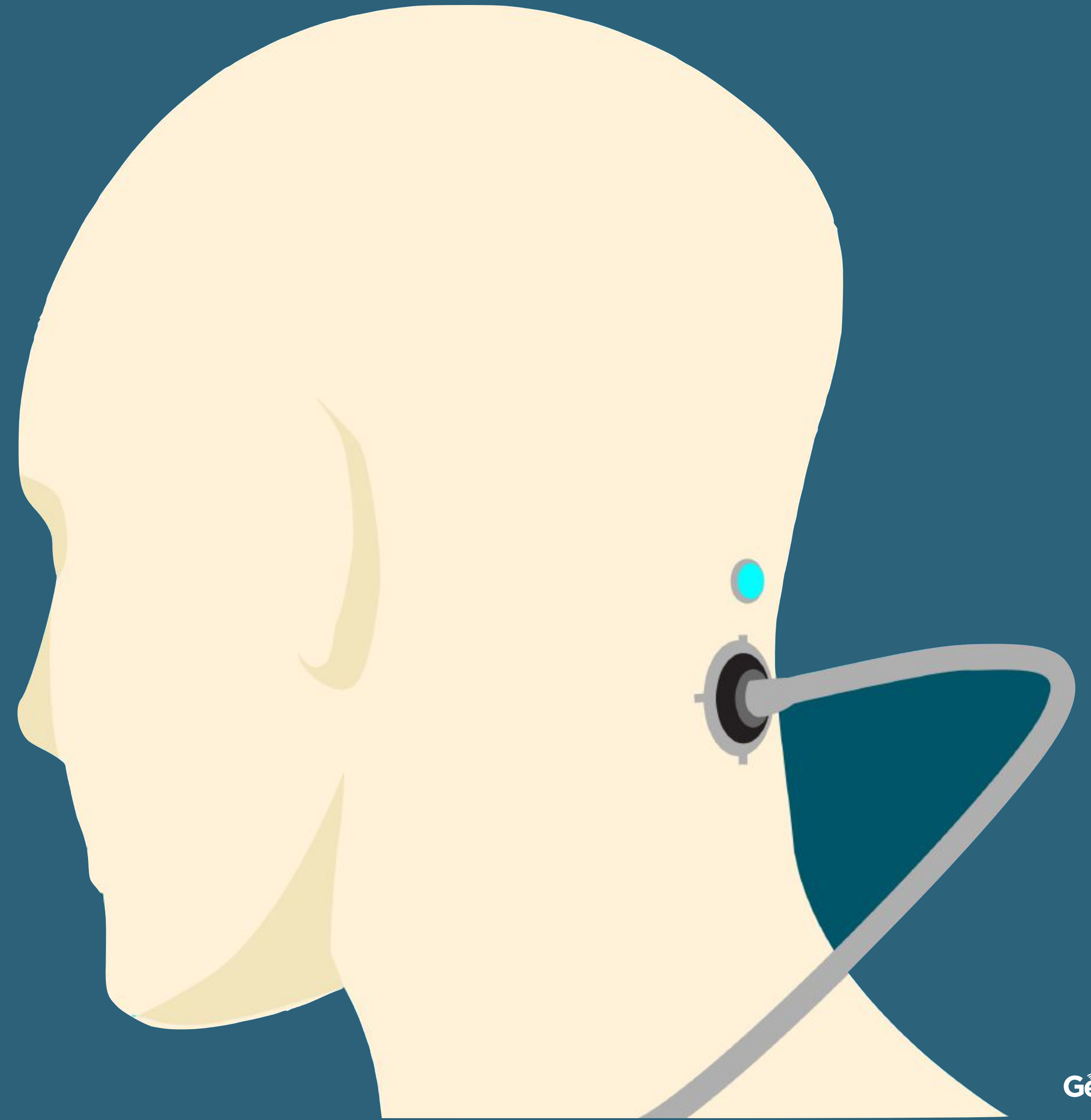
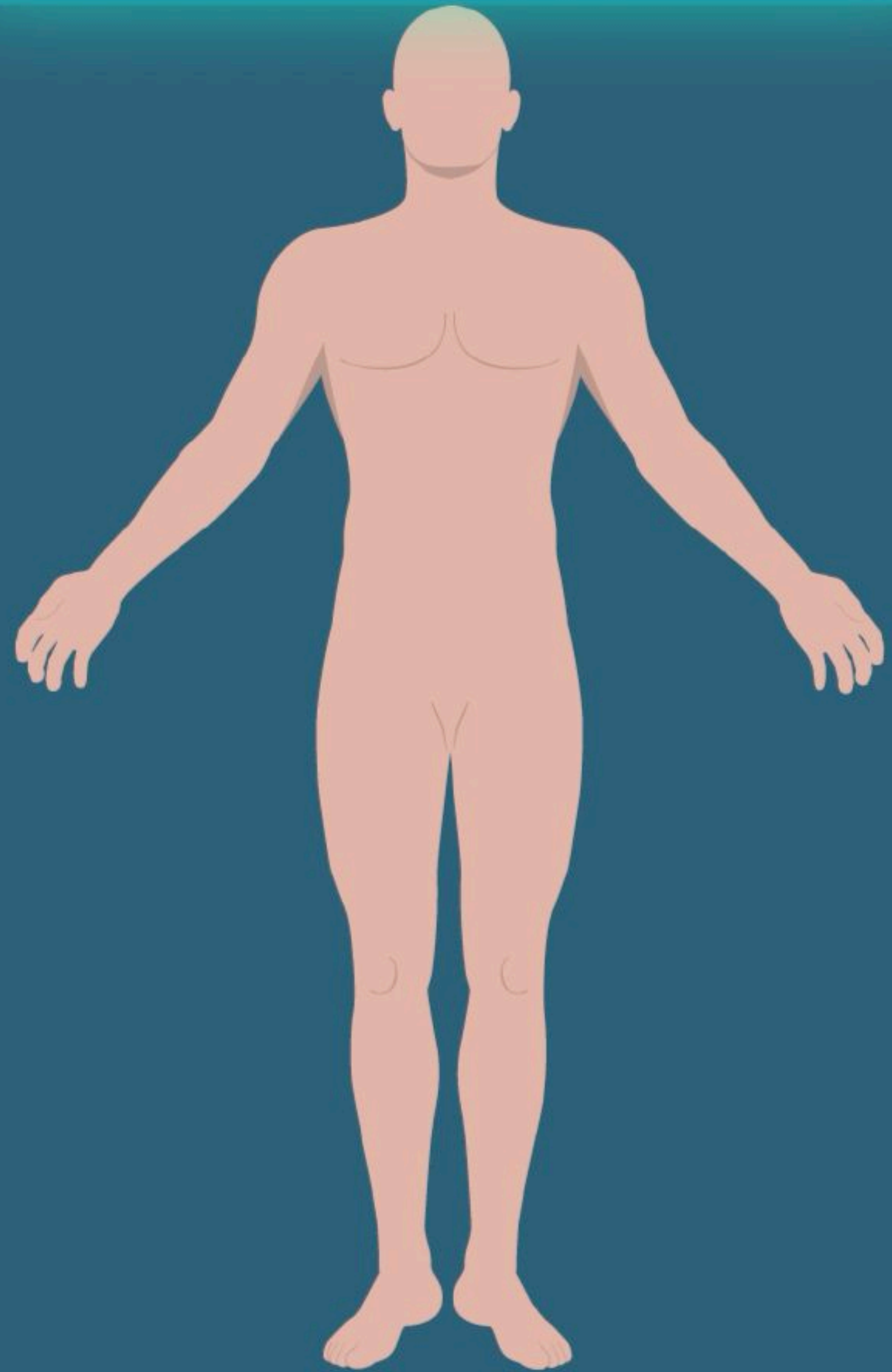
Under Anna Davis
tel: (650) 273-7808

How will we retain our own SKILLS and our AUTONOMY?





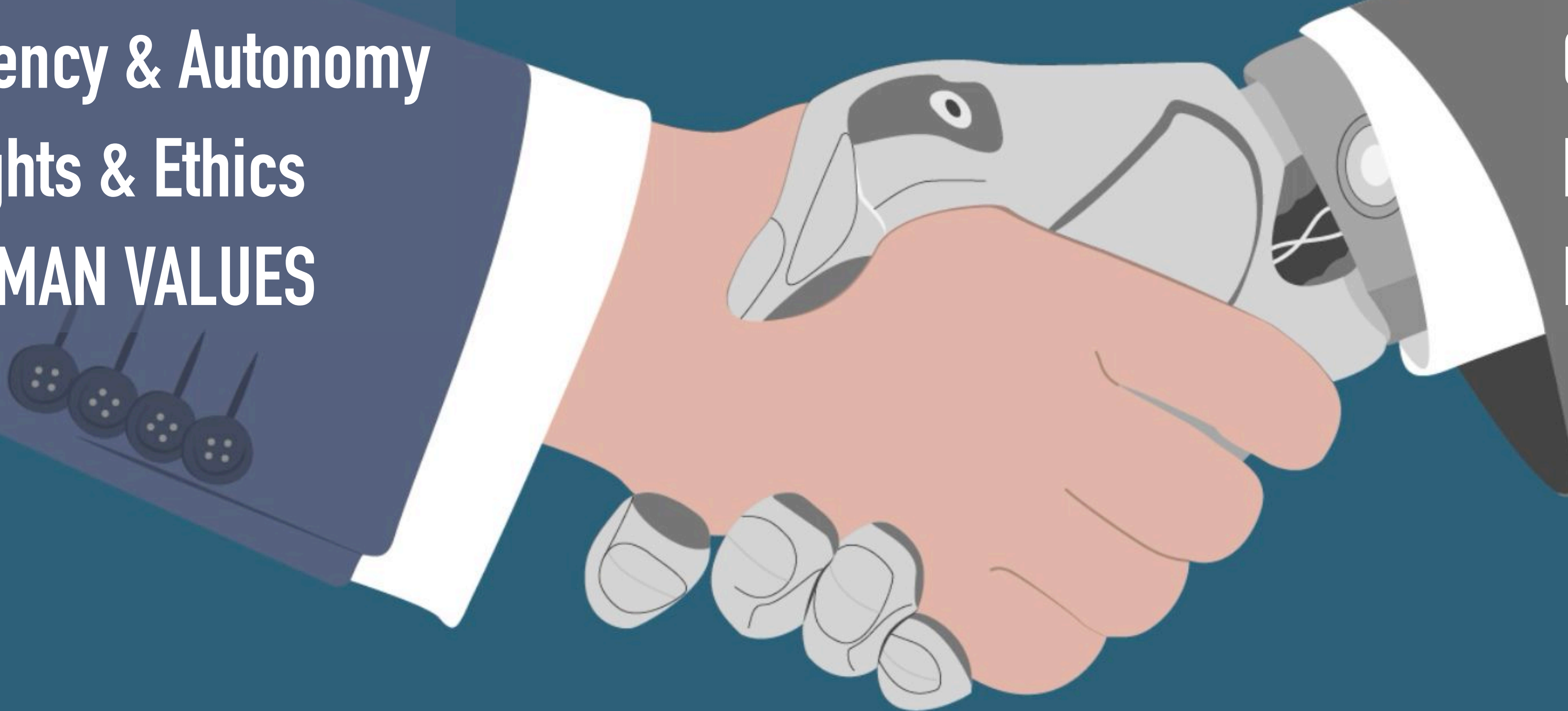
Too much of a good thing can be a very bad thing!



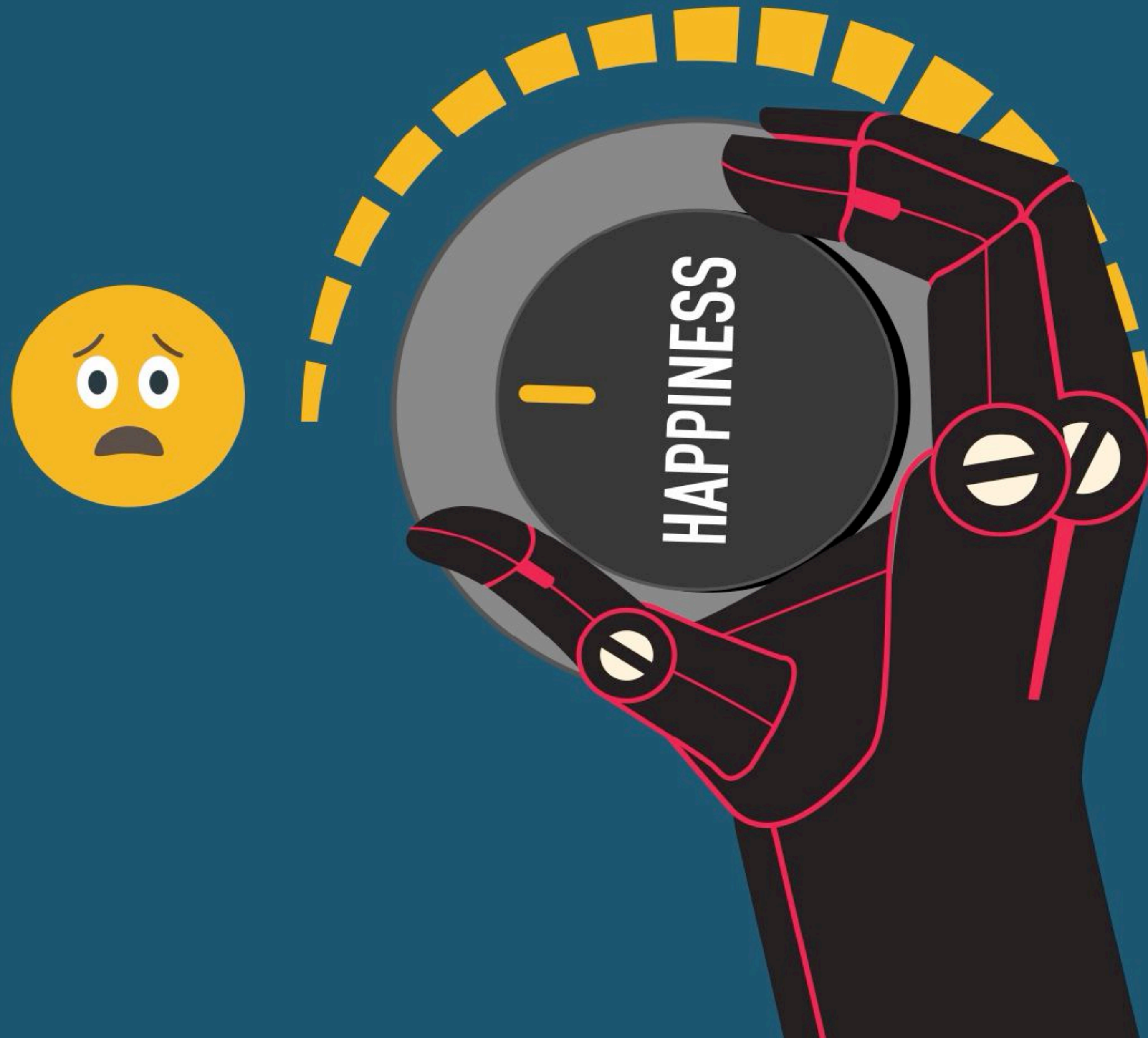
Getting this balance right is essential to your future

Privacy & Identity
Security & Safety
Agency & Autonomy
Rights & Ethics
HUMAN VALUES

Liquidity & Speed
Efficiency & Ease
Convenience
Network Effect
ECONOMIC VALUES



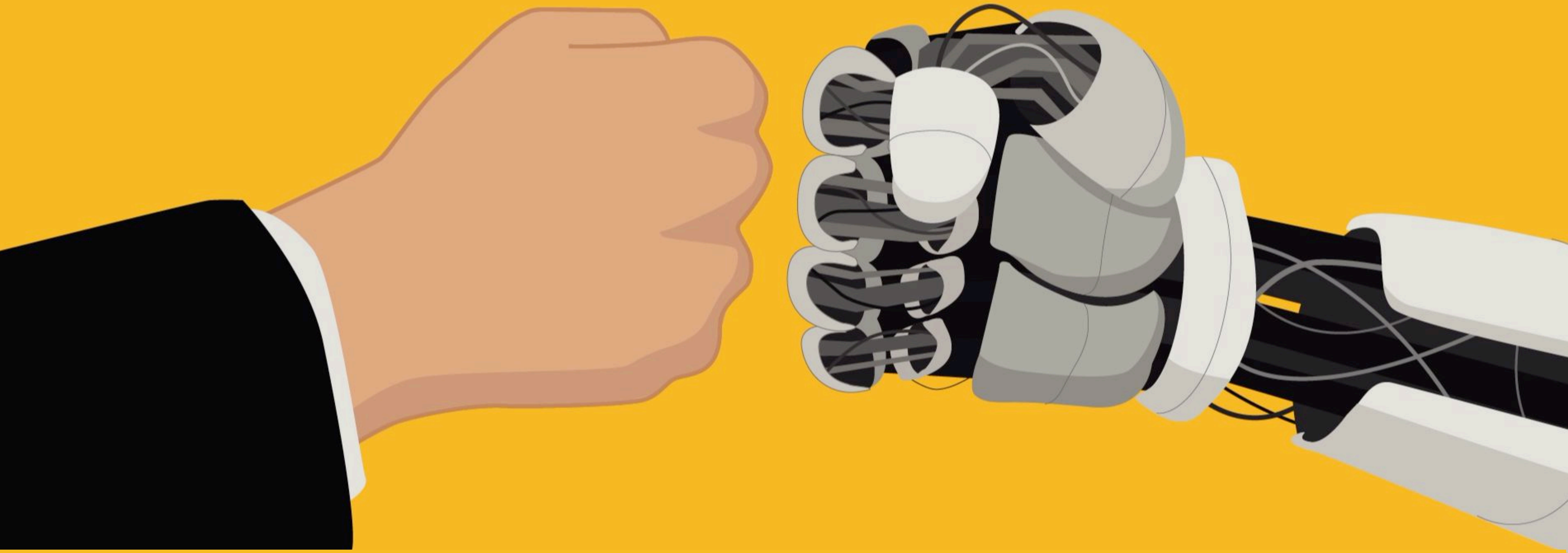
Customers aren't algorithms. Relationships are downloaded. Trust isn't digital.



#DigitalEthics



#DigitalEthics

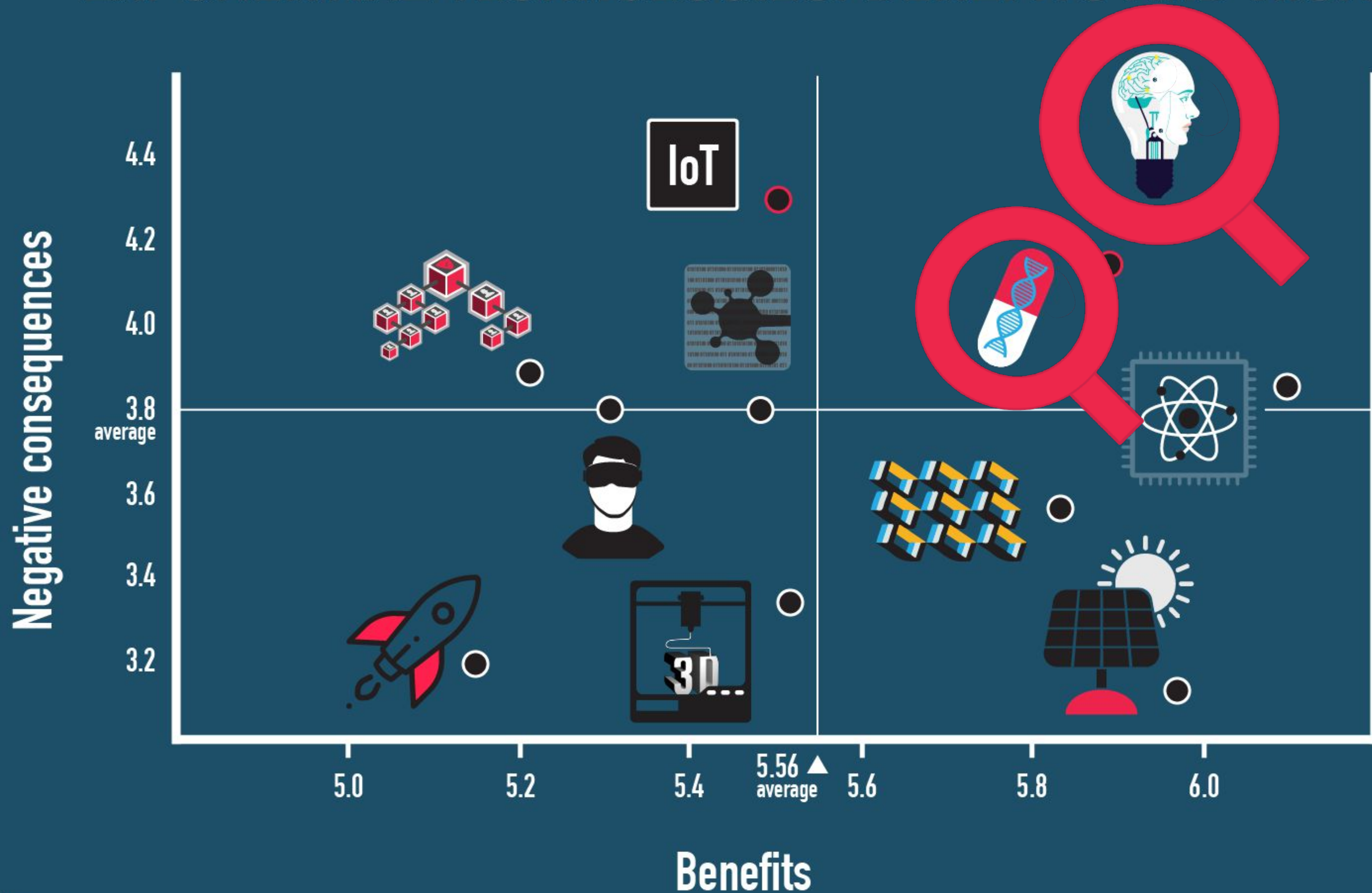


"Ethics is knowing the difference between what you have a right (or the power) to do and what is the right thing to do"

Ethics is now a key **COMPETITIVE OPPORTUNITY** for every company and organisation



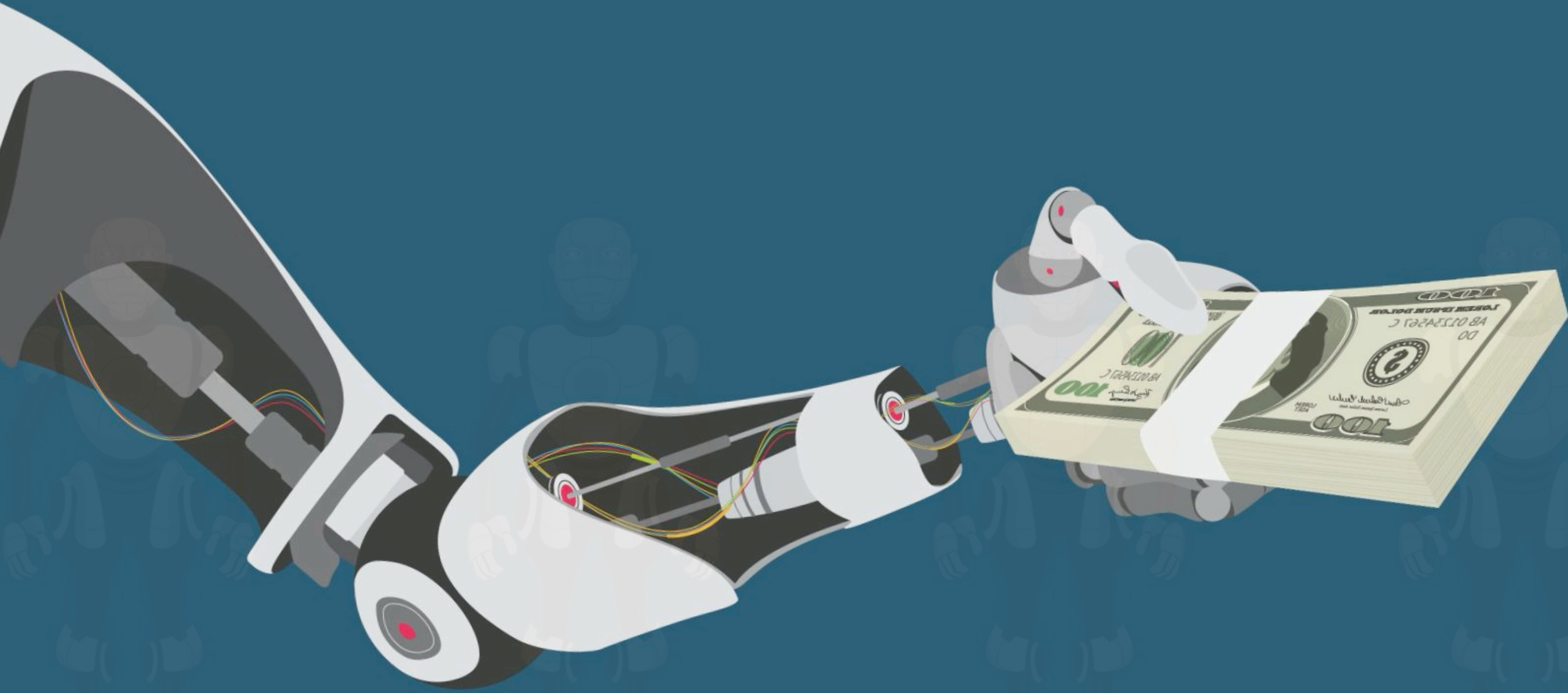
EXPONENTIAL TECHNOLOGIES: BENEFITS AND RISKS





e^x

Automation Tax? Universal Basic Income?



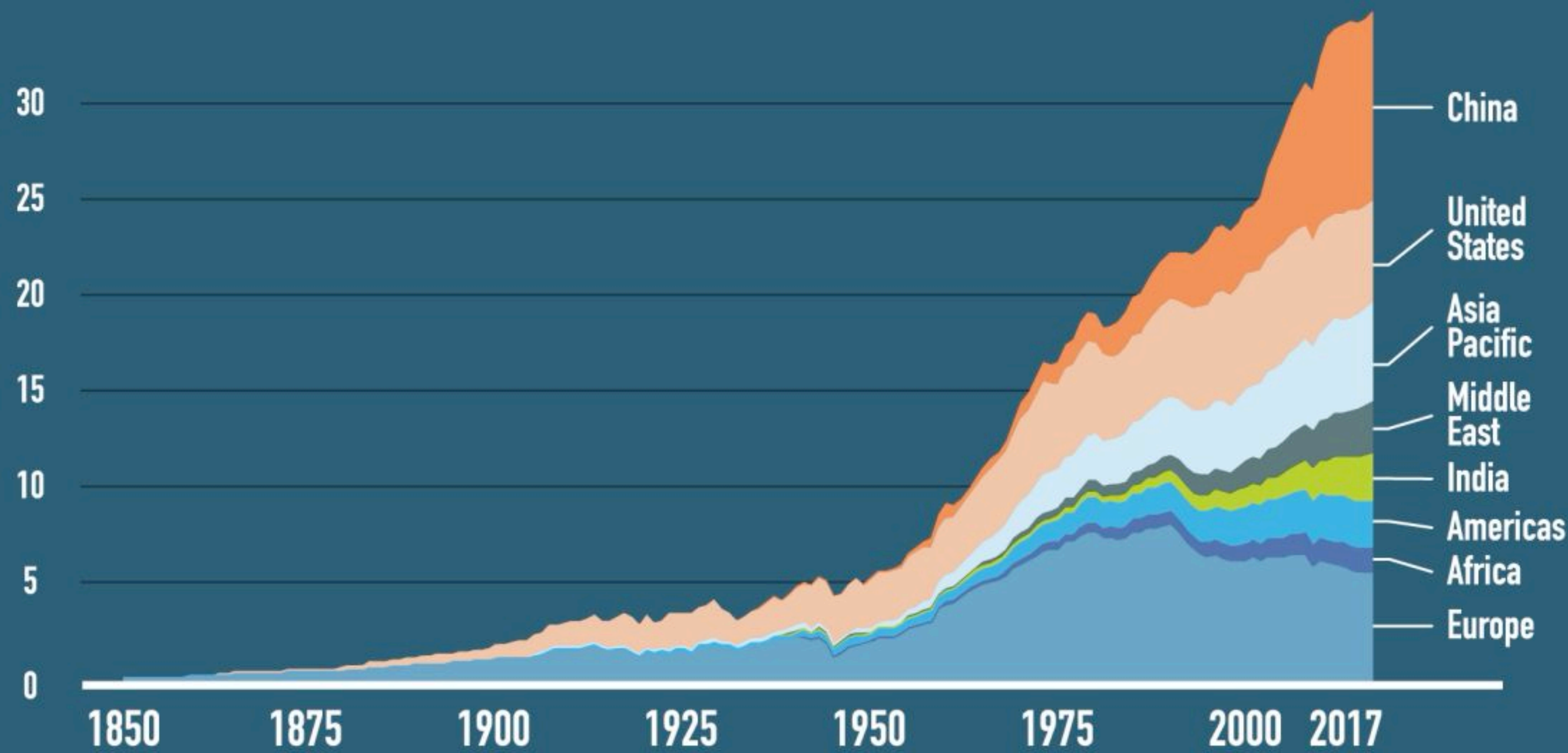


Climate-change is a trigger forcing us to consider a new economic logic

Climate-change is a trigger forcing us to consider a new economic logic



CO2 EMISSIONS – IN GIGATONES



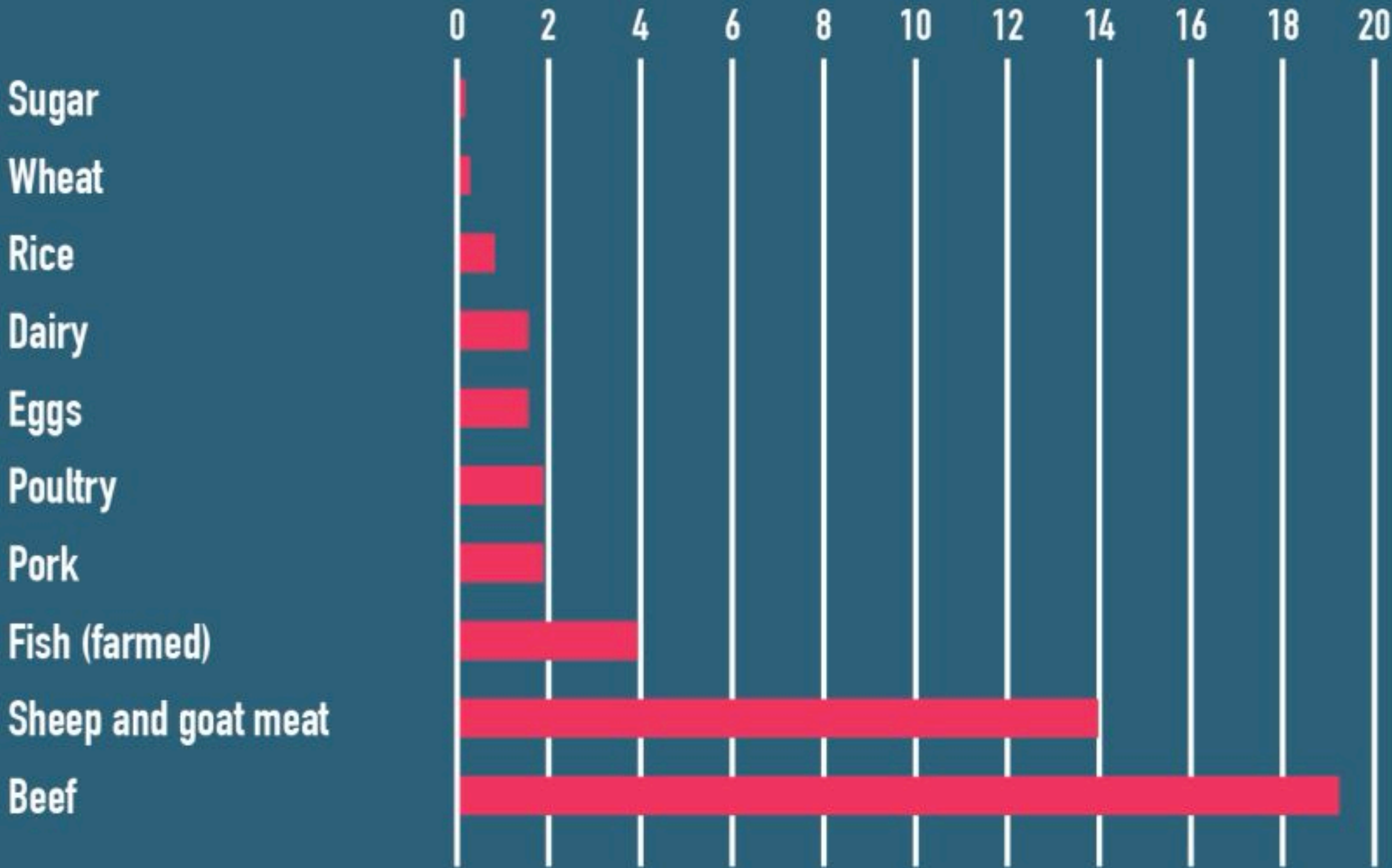
Source: The Economist

Climate-change is a trigger forcing us to consider a new economic logic



GREENHOUSE GAS EMISSIONS FROM AGRICULTURAL PRODUCTION

(metric tons of carbon dioxide equivalent per million calories consumed)



Source: World Resources Institute

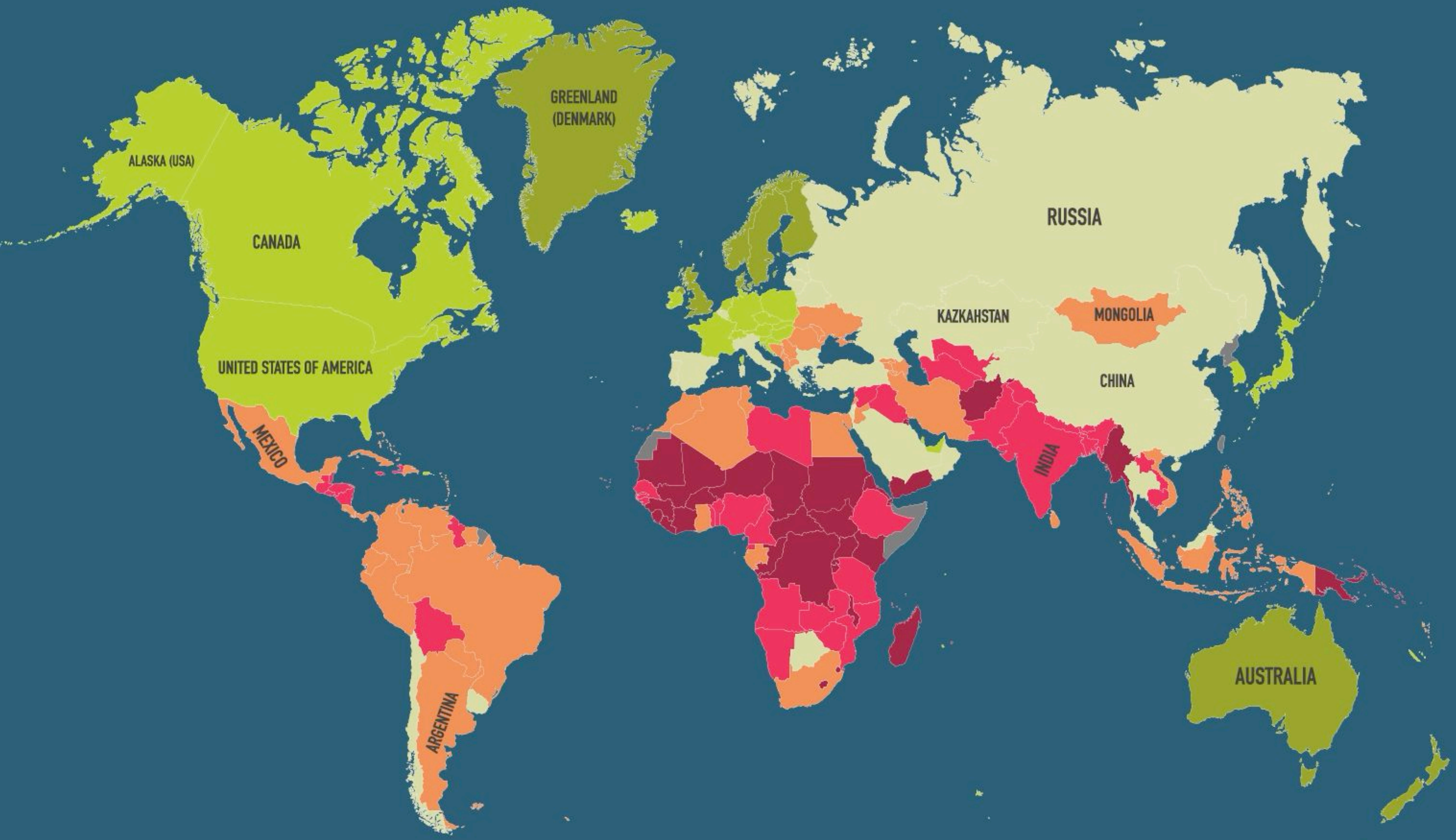
Gêrd

Climate-change is a trigger forcing us to consider a new economic logic

Least
at risk



Most
at risk



Source: Erin Brodwin and Matt Johnston, Business Insider

The world needs a massive carbon tax in just 10 years to limit climate change, IMF says

The international organization suggests a cost of \$75 per ton by 2030.



**Climate
Change
Adaptation:
Consequences**

Planned tax will make public more aware of climate harm caused by flying, ministers hope



Climate Change Adaptation: Consequences

▲ Funds raised by the 'carbon charge' could be used on eco-projects. Photograph: Peter Hulse/Getty Images/iStockphoto

Bristol council votes to ban diesel cars in first for a UK city

Scheme to begin in 2021 in attempt to tackle illegal levels of air pollution



▲ Traffic in Bristol city centre. The ban would operate between 7am and 3pm in a central zone. Photograph: Ben Birchall/PA

Bristol is to become the first UK city to ban diesel cars from its streets as part of action to tackle illegal levels of air pollution.

Climate
Change
Adaptation:
Consequences

Europe

France's Cannes to Ban Polluting Cruise Ships

By Reuters

September 23, 2019 10:01 PM



Climate
Change
Adaptation:
Consequences

AFP

Gerd

(Human Change)



“Sustainable Capitalism”



PEOPLE



PLANET



PURPOSE



PROSPERITY

Not (just) shareholder value but STAKEHOLDER VALUE

Chief executives from the Business Roundtable, including the leaders of Apple and JPMorgan Chase, argued that companies must also invest in employees and deliver value to customers.



**“GNP (GDP)
measures
everything except
that which makes
life worthwhile”**

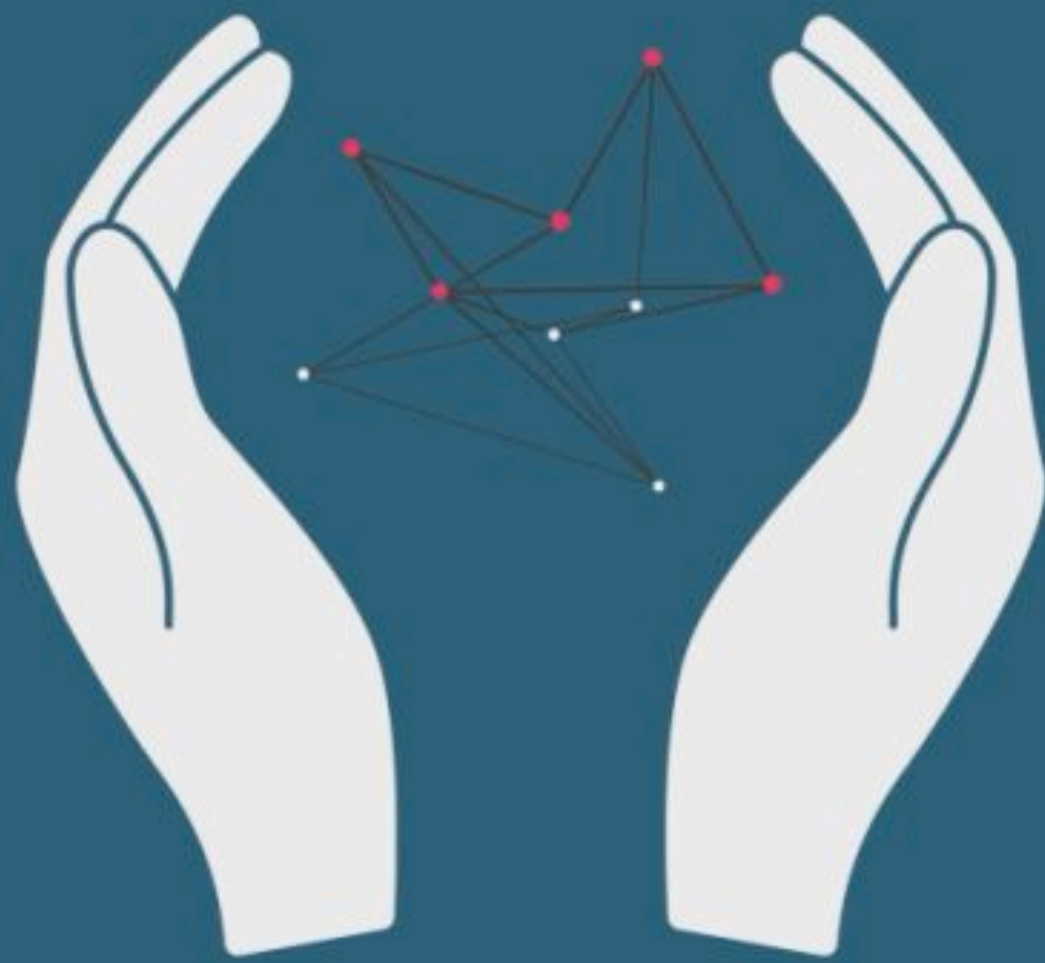
Senator Robert F. Kennedy

March 18 1968



e^x

Re-defining 'great company'



HOLISTIC

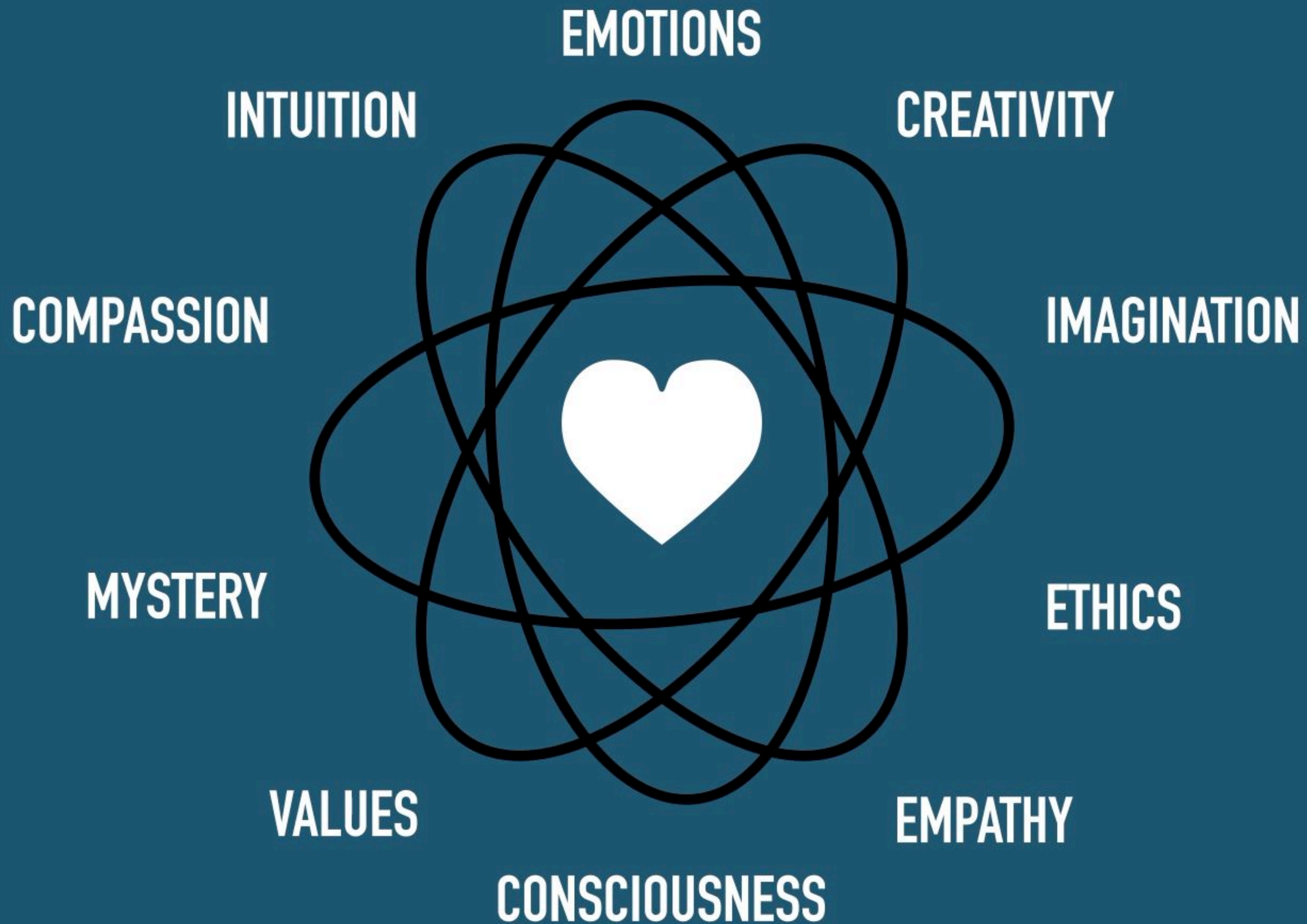


CIRCULAR



HUMAN

In a totally connected world, it will be your **HUMANITY** that differentiates you



Planners: learn how to navigate the game-changers, develop FORESIGHT





CREATE

OBSERVE

IMAGINE

UNDERSTAND

Awesome humans on-top of amazing technology!



THANK YOU
FOR YOUR TIME



amazon.com



techvshuman.com



gerdtube.com



@gleonhard



futuristgerd.com