



TECHN

HUMĂ

By Gerd Le

The future is better than we think! *we just need to maintain a sustainable balance between humans and machines



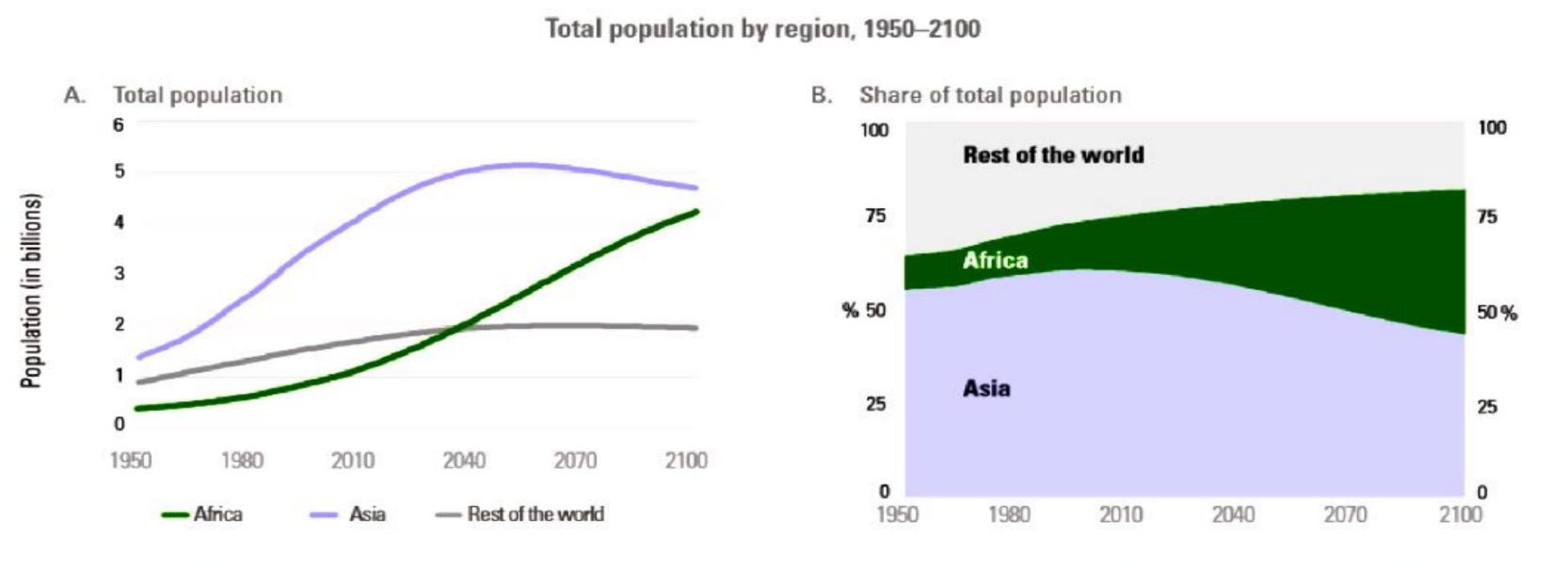
Humanity will change more in the next 20 years than in the previous 300 years



Africa will account for more than half (54%) of the 2.4 billion global population growth in coming decades. The United Nations predicts that between 2015 and 2050, Africa will add 1.3 billion people, more than doubling its current population of 1.2 billion.

Africa's population will double from 2015 to 2050

FIG. 1



Source: UNICEF analysis based on United Nations, Department of Economic and Social Affairs, Population Division, World Population Prospects: The 2012 Revision (UN WPP), United Nations, New York, 2013.

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A few figures on tech hubs in Africa

AFRICA: **314** ACTIVE* TECH HUBS IN 93 CITIES IN 42 COUNTRIES TUNISIA: 15 MOROCCO: 21 EGYPT: 28 SENEGAL: 10 GHANA: 16 KENYA: 27 NIGERIA: 23 UGANDA: 12 28% Other Tech Hubs SOUTH AFRICA: **54** 5-10 60% Incubators/ Coworking 10+ HUBS Accelerators Spaces

Five agritech startups that aim to take Africa into greener pastures

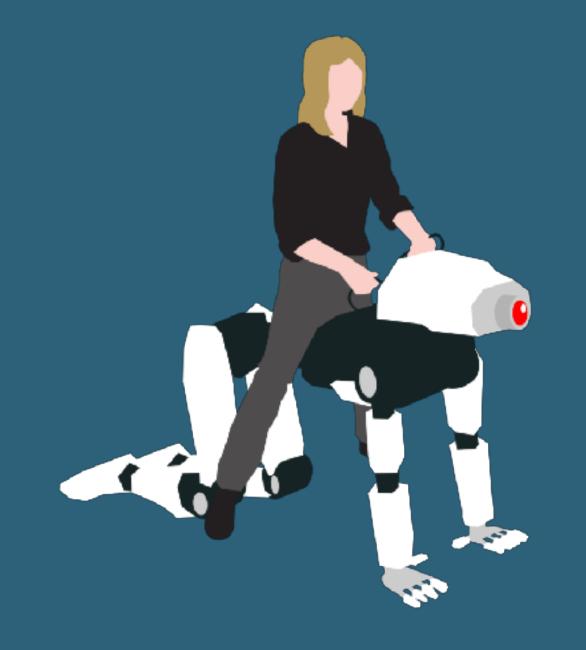
Stephen Timm: Editor



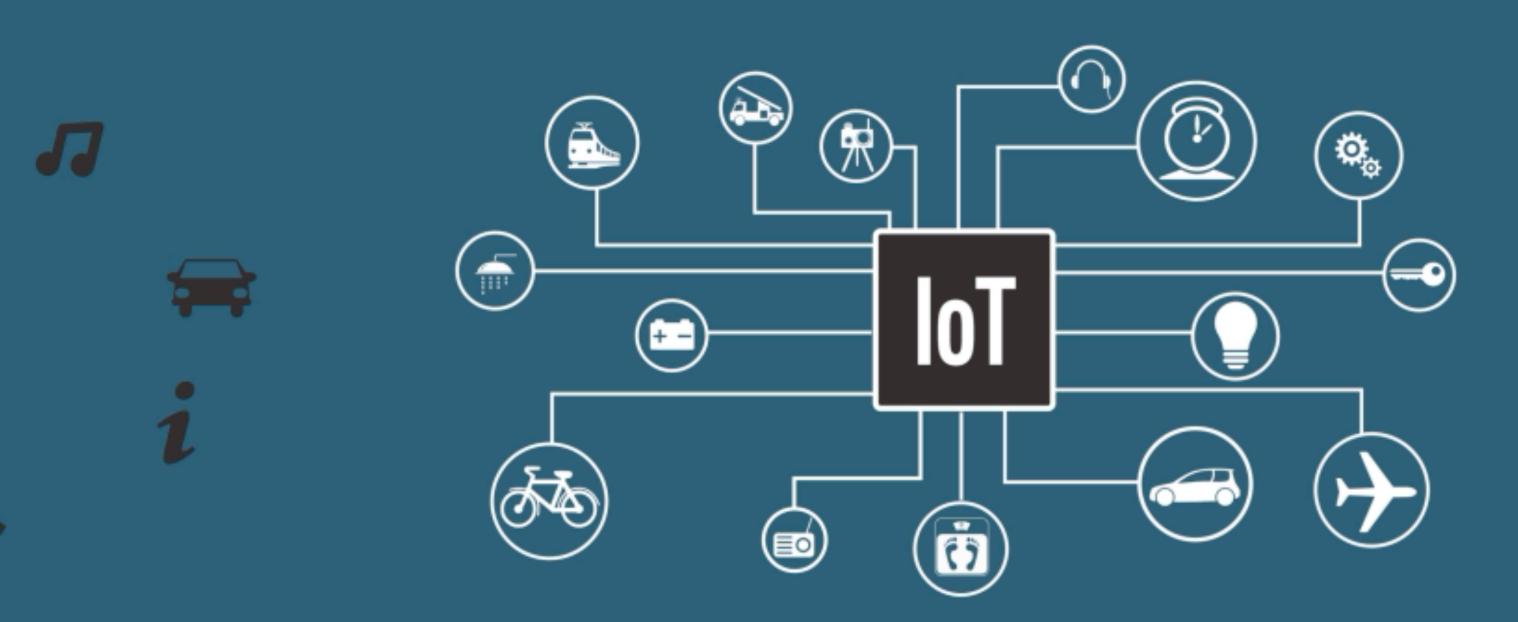
If Africa is to foster more efficient growth, agriculture technology (or agritech) is likely to have an increasing role to play. Already a number of startups across the continent are getting stuck in developing tech solutions to help boost the sector.

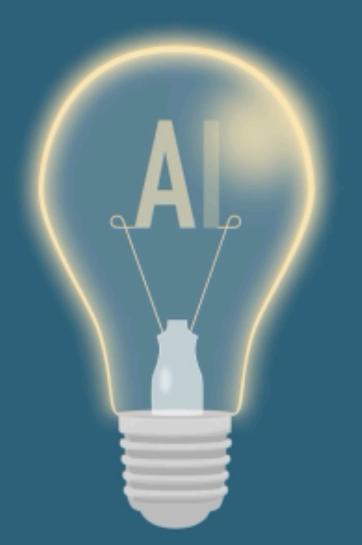
The agriculture sector employs over two thirds of the work force and contributes over third of gross domestic product according to the World Bank, in a recent Gercl report (opens as a PDF).

The technological game changers: Data + Cloud, IoT, AI (IA), Quantum-Computing, Blockchain, 3D printing, and VR/AR/MR



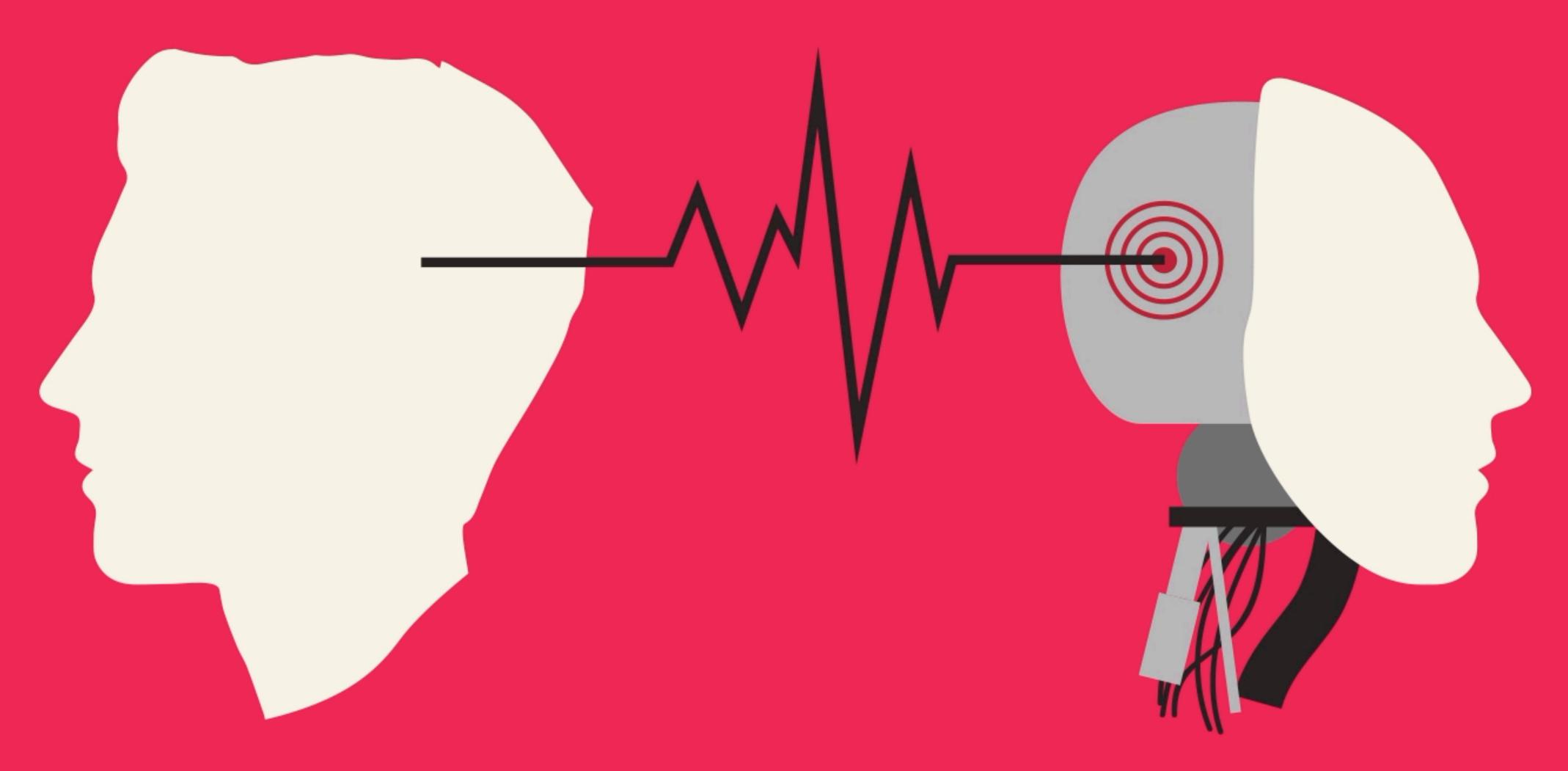
TEAM HUMAN



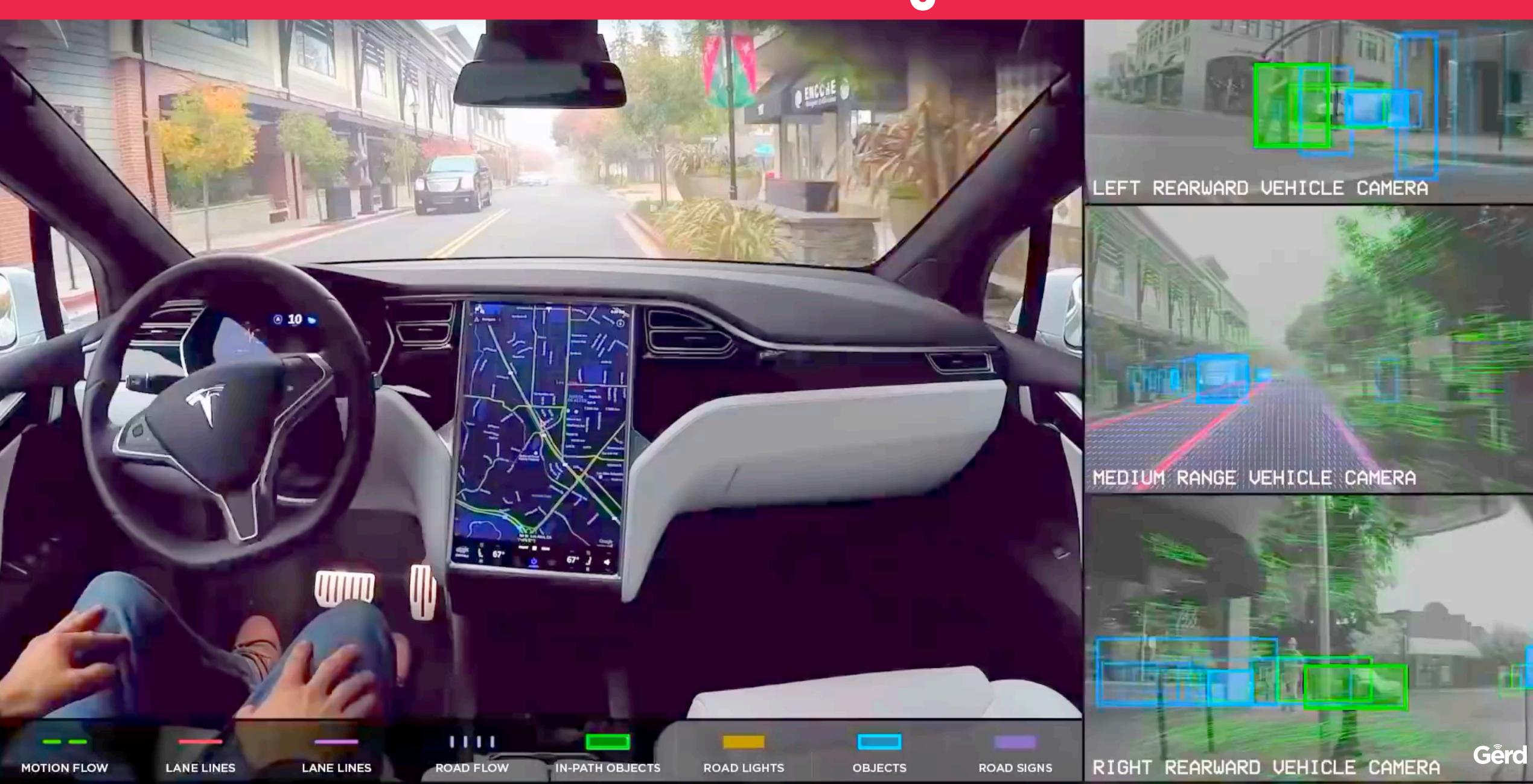




Humanity Technology



Machines are no longer dumb

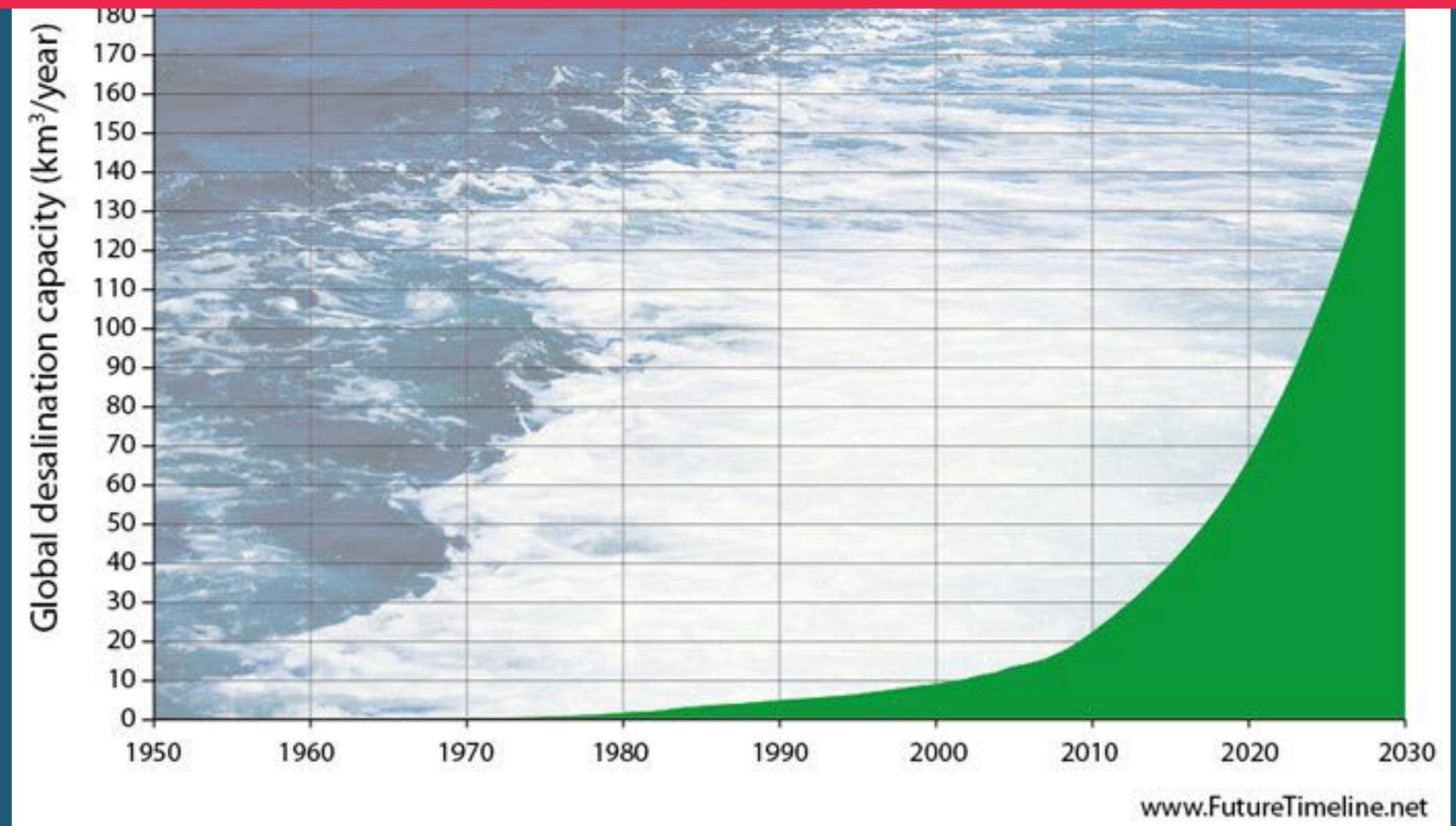






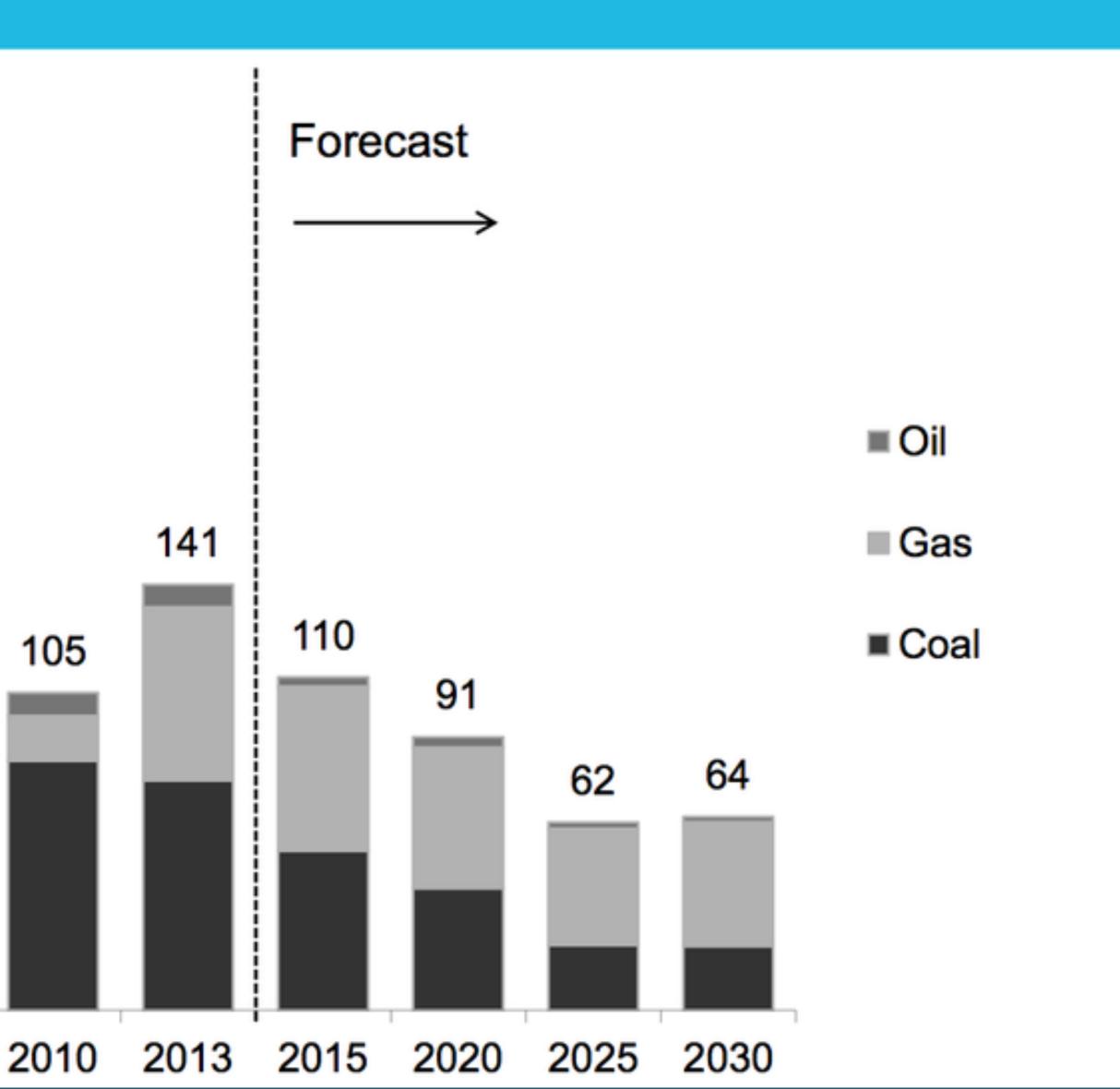


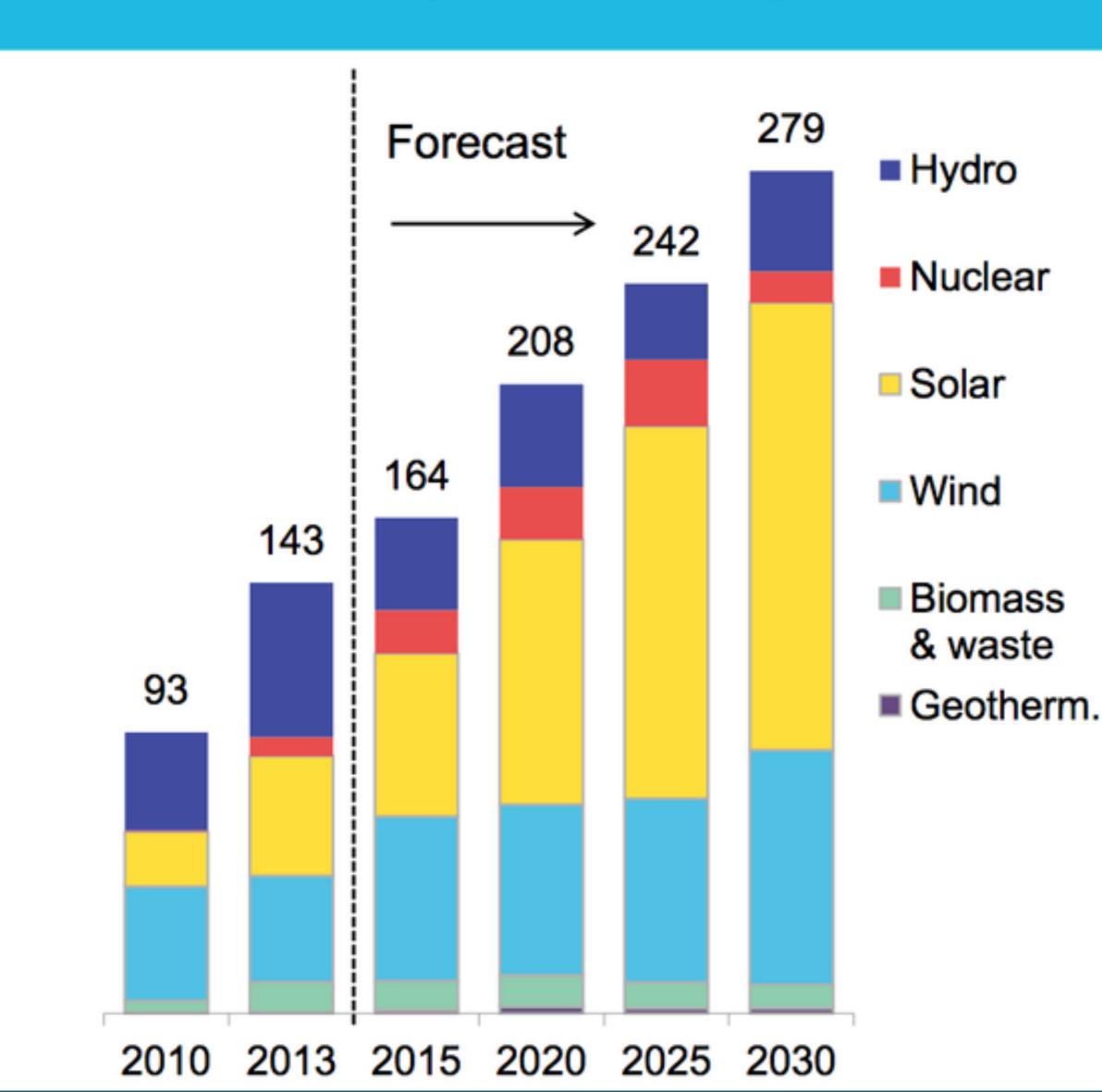




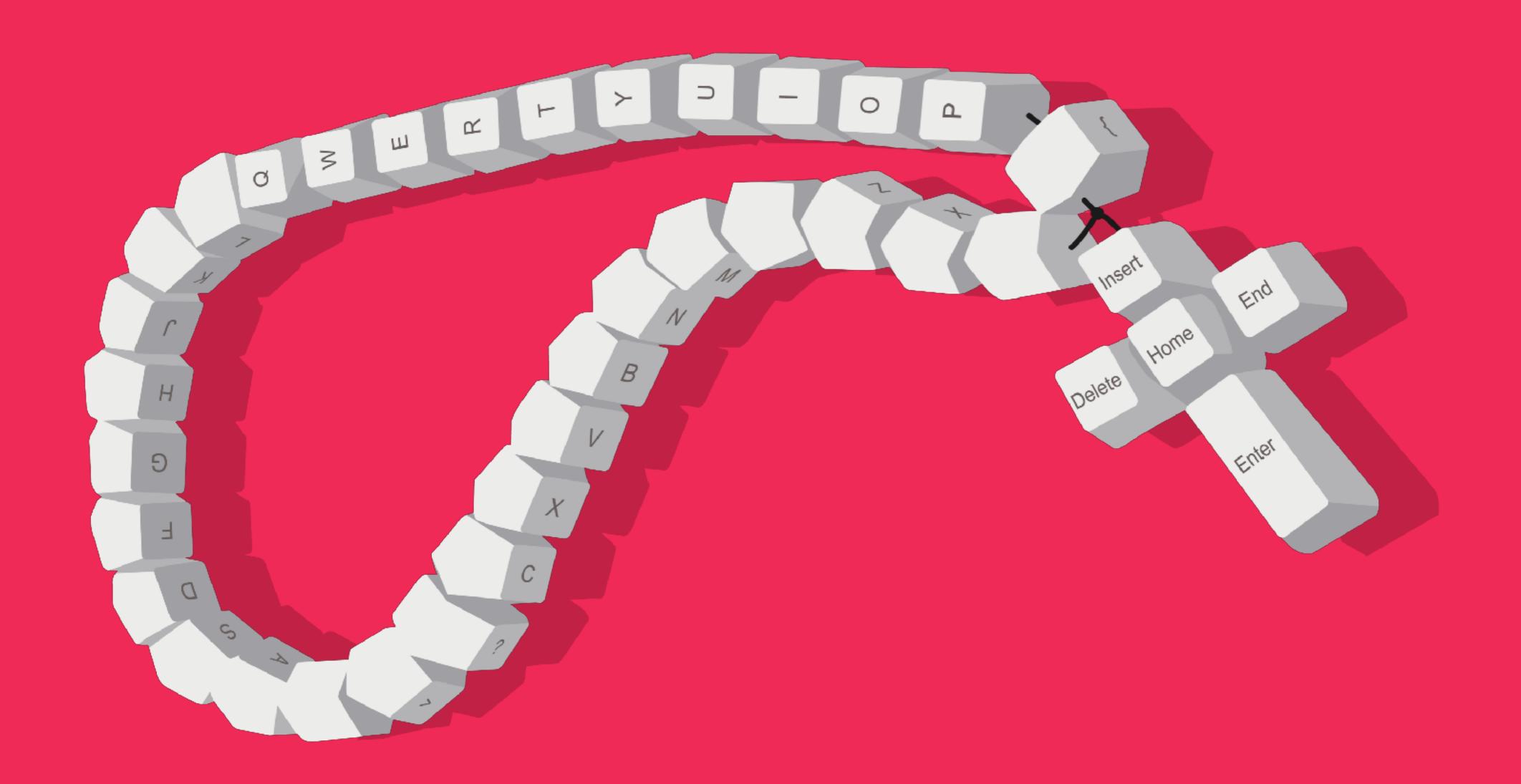
FOSSIL FUEL

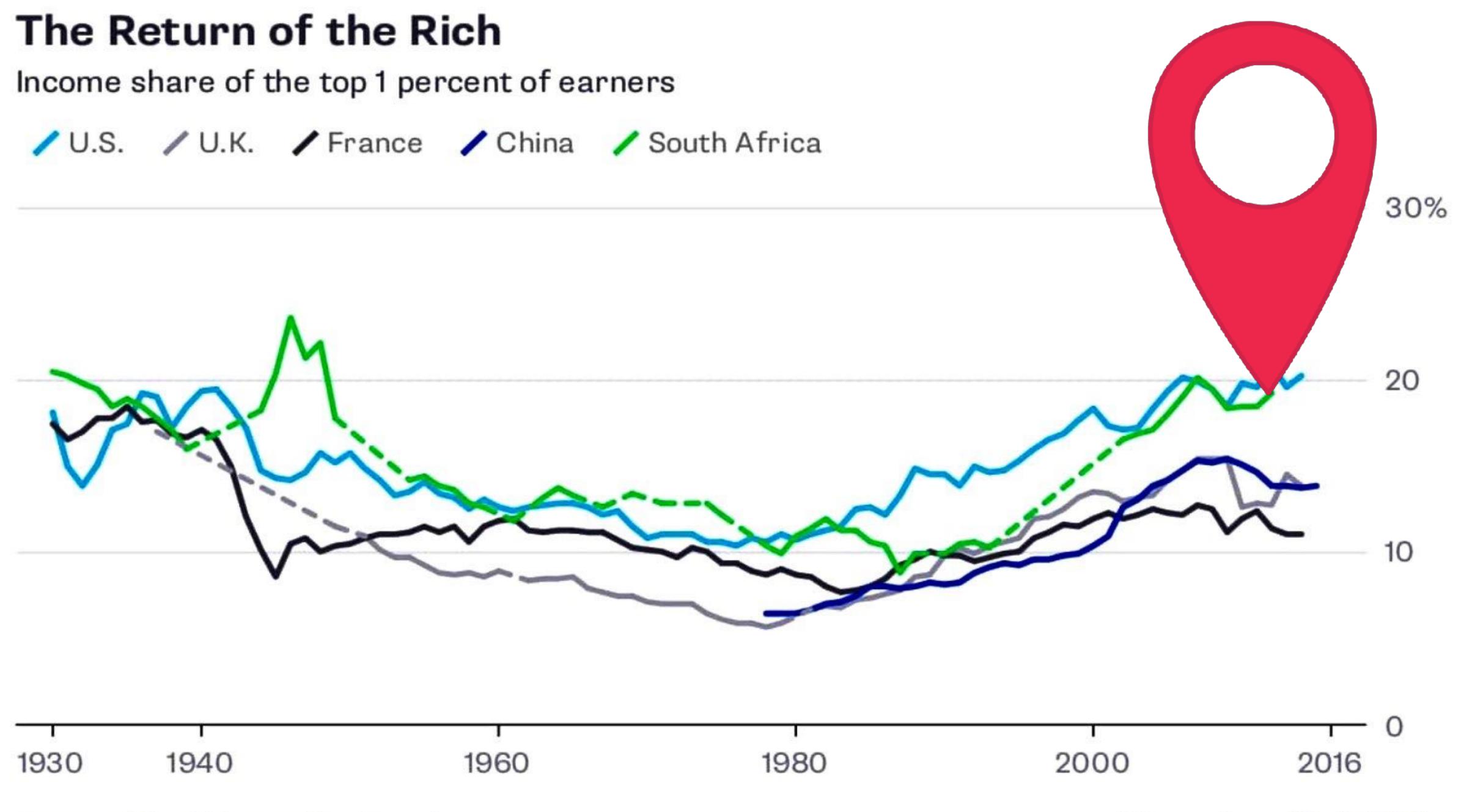
CLEAN ENERGY





Reminder: technology will not solve political or societal challenges



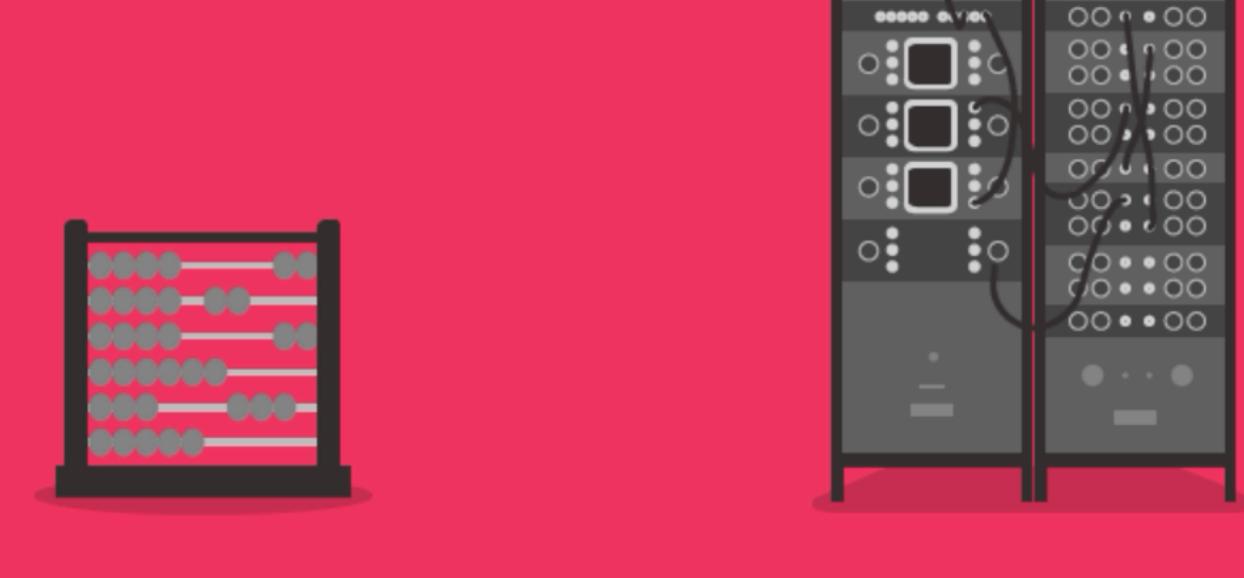


Source: World Inequality Database

BloombergQuickTake

Al: Computer systems that turn information and data into KNOWLEDGE

(Demis Hassabis, CEO, DeepMind)

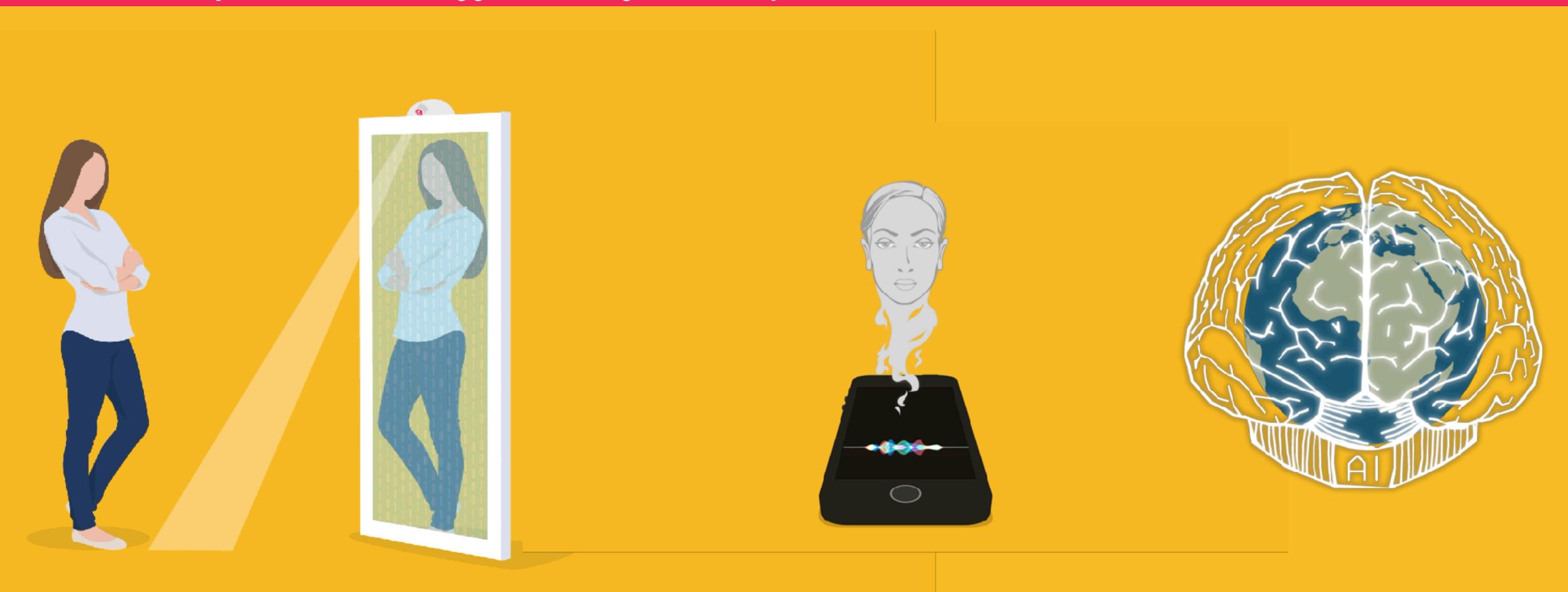






Super-smart and networked machines

represent a much bigger challenge to society than electrification or even industrialisation

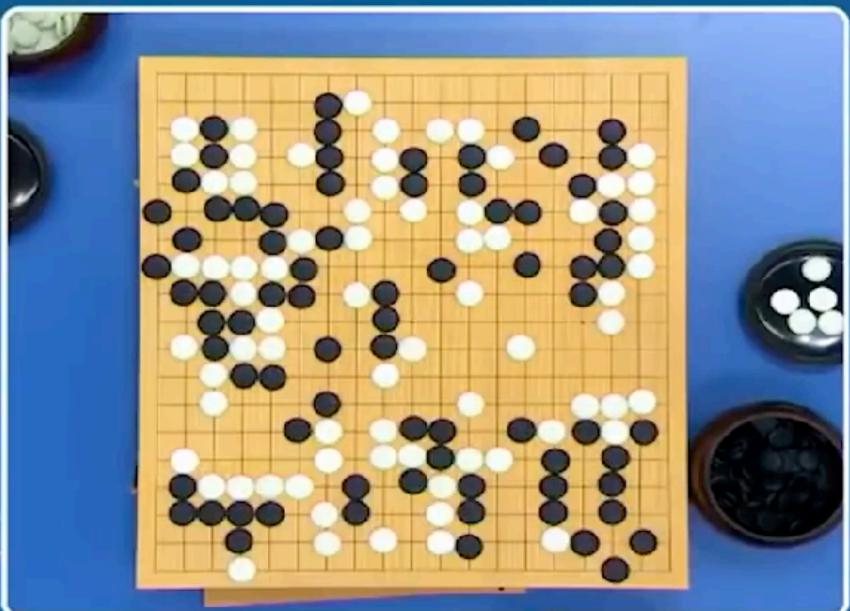


Machines that are no longer programmed but TRAINED

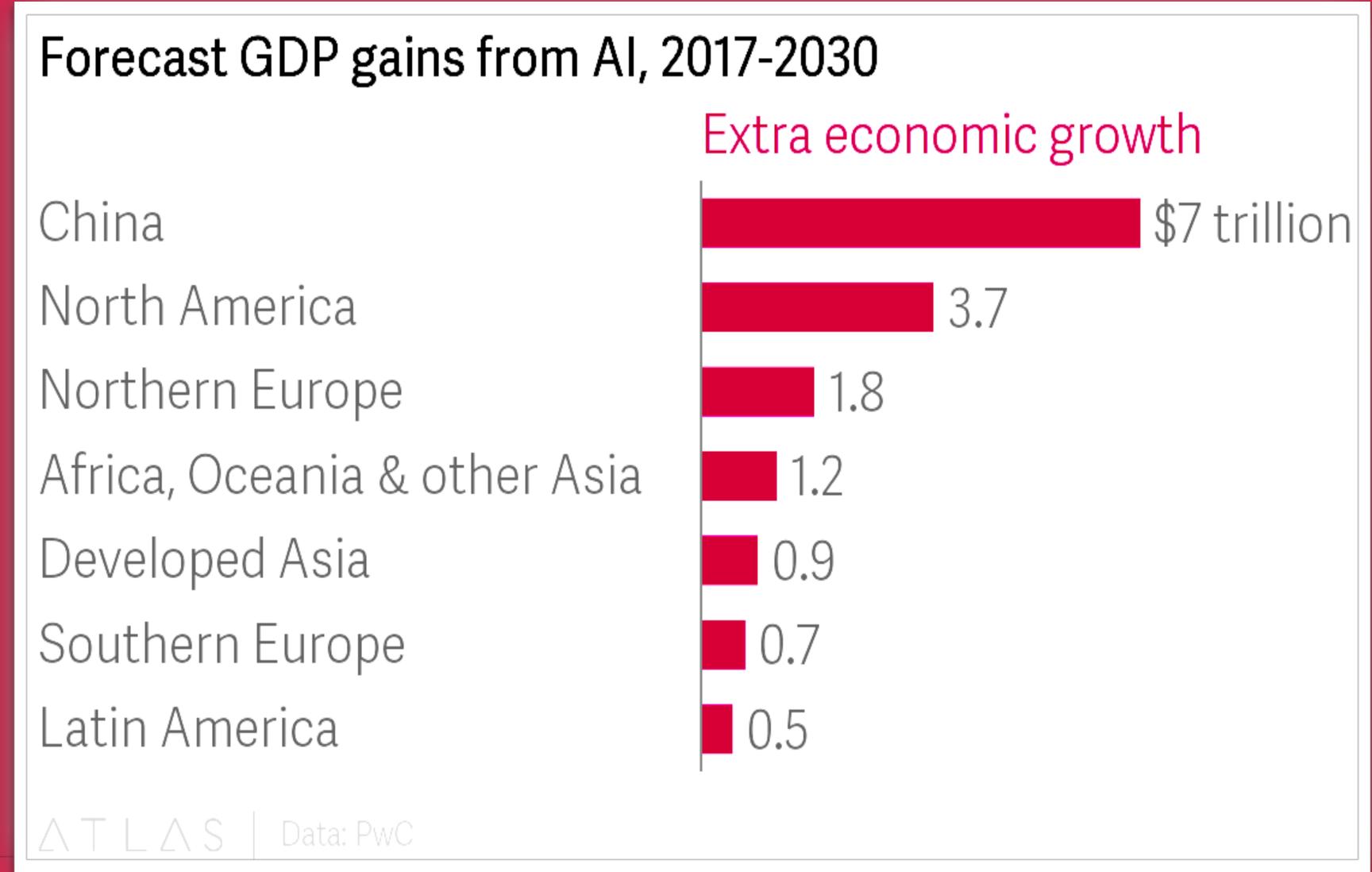


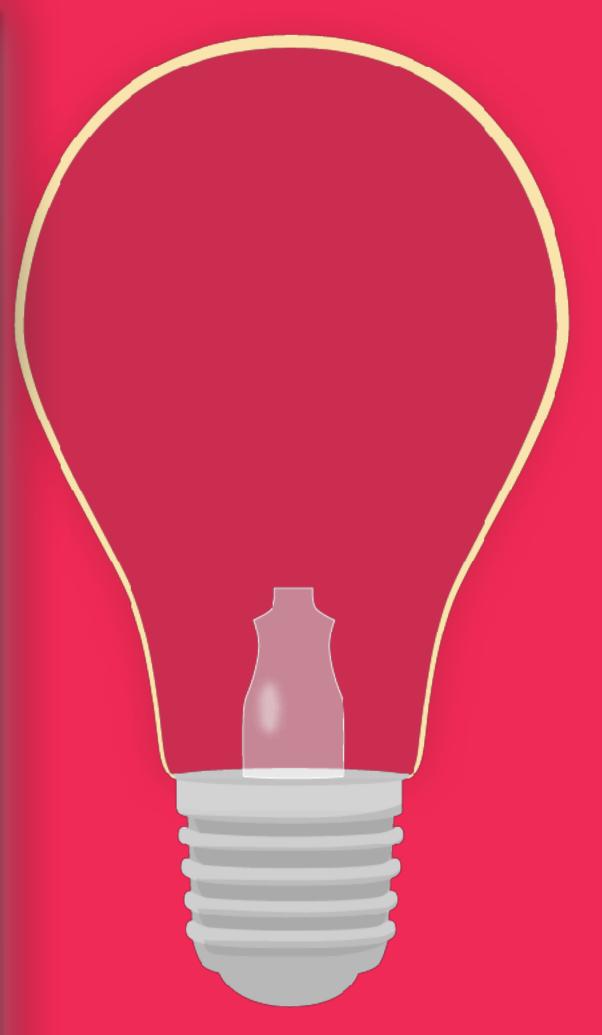






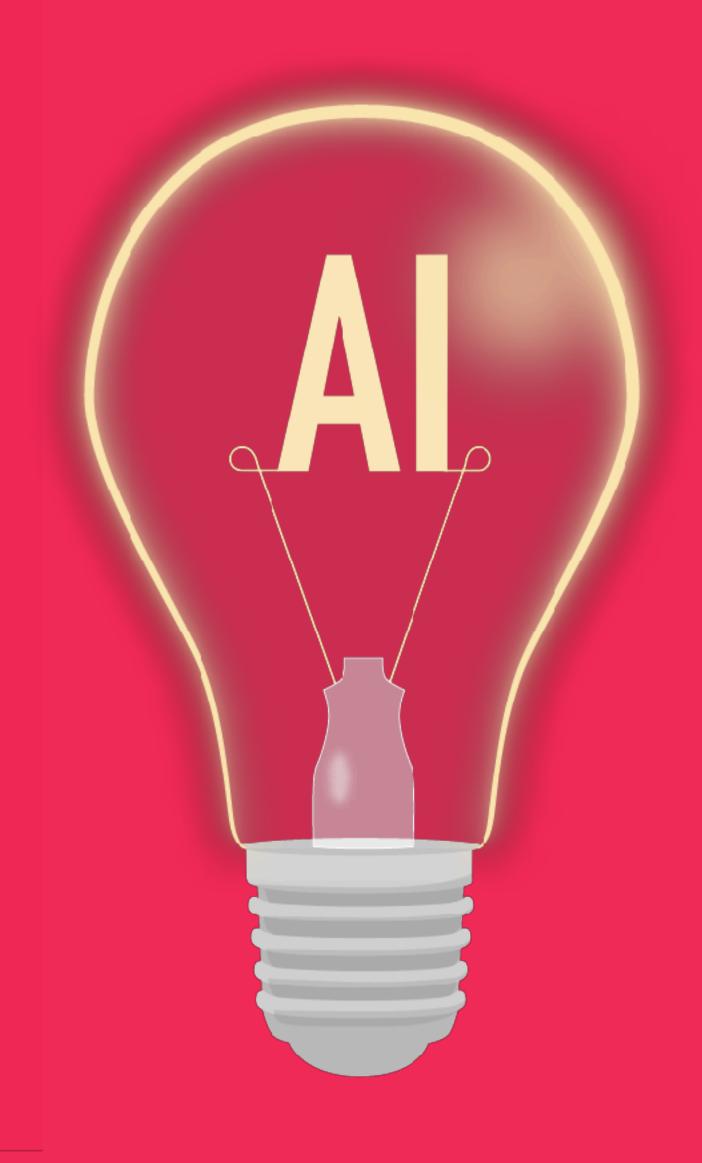
Data is the new oil, and AI is the new electricity: a huge economic gold-rush





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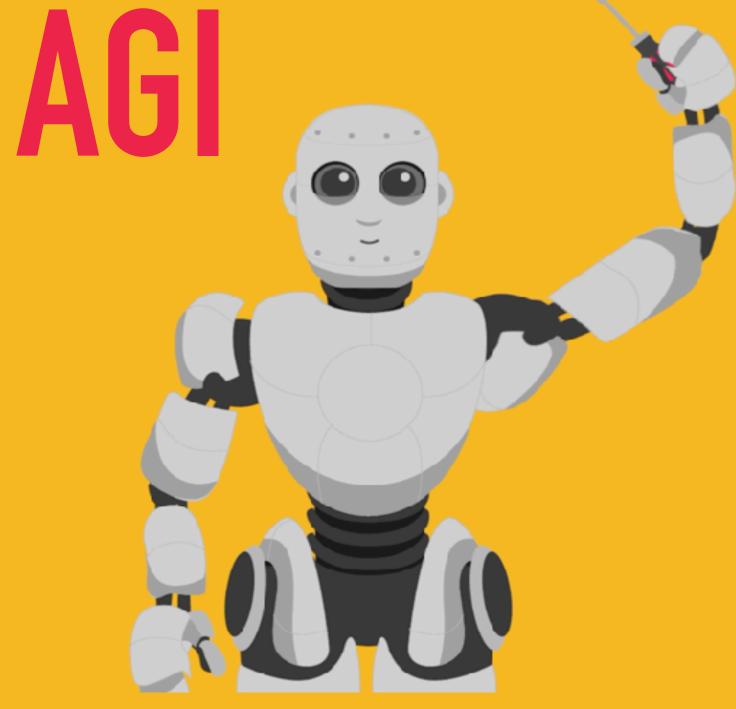








Mapping

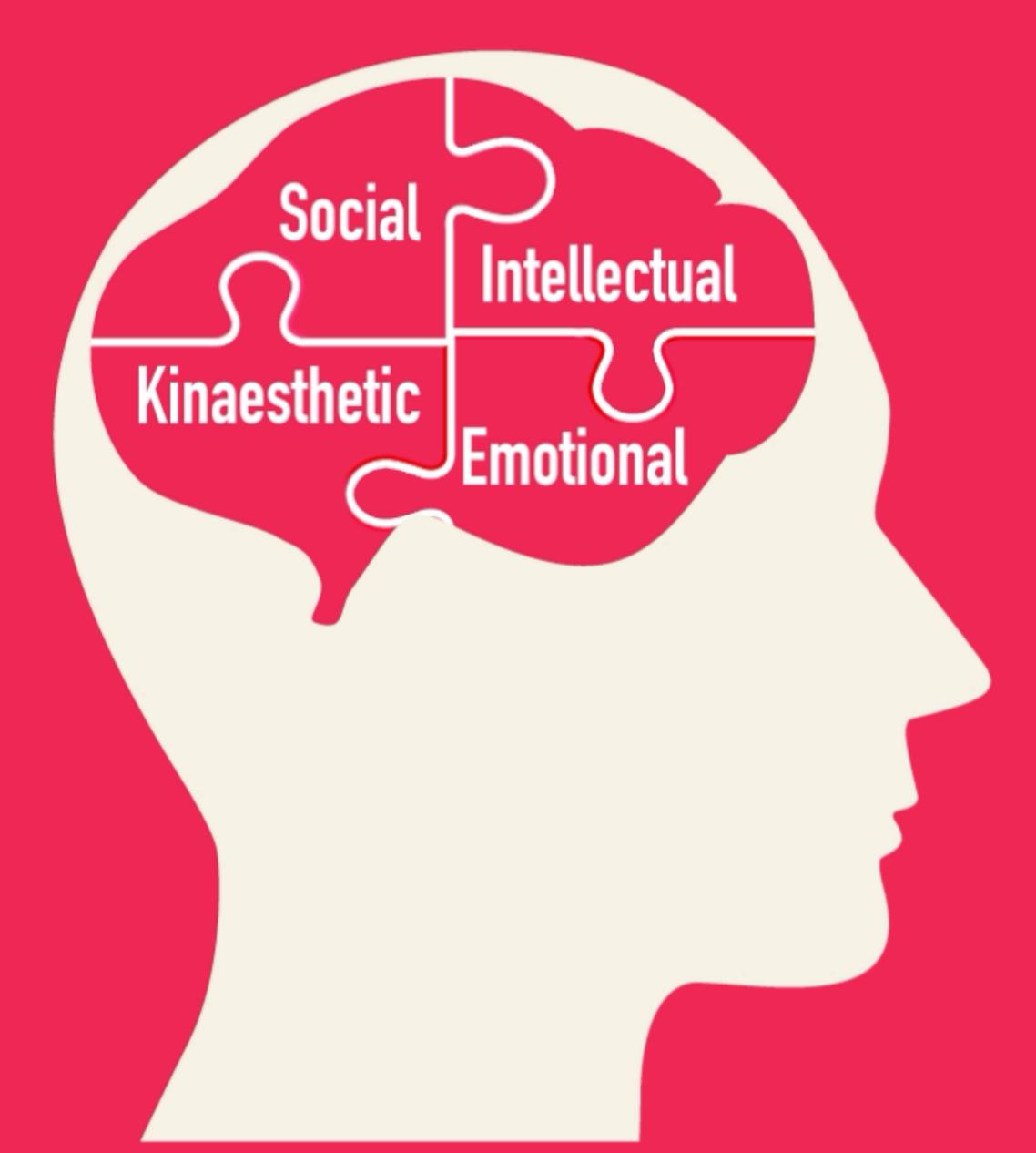


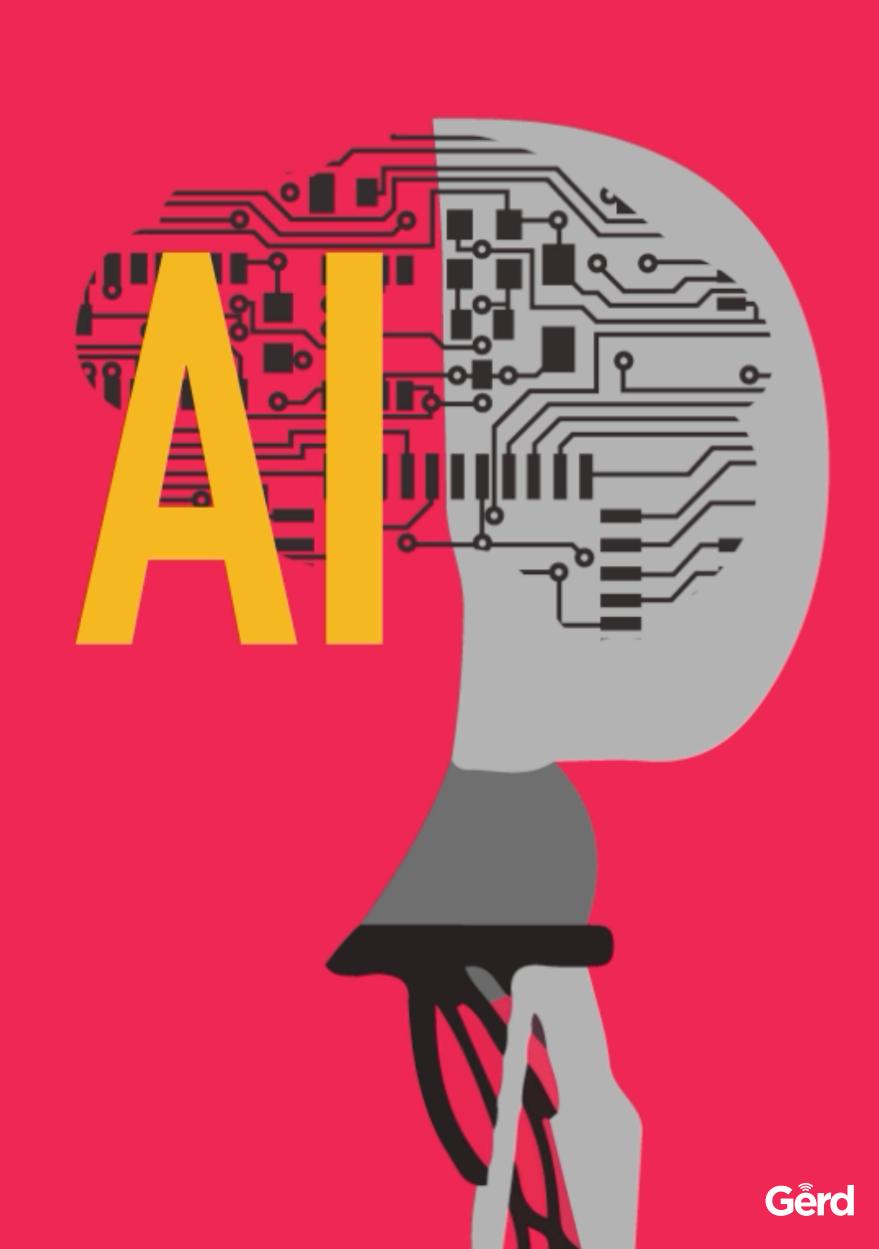
Intelligent
Assistance
(IA)

Cloud Comp



Reminder: Human Intelligence ≠ Machine Smartness

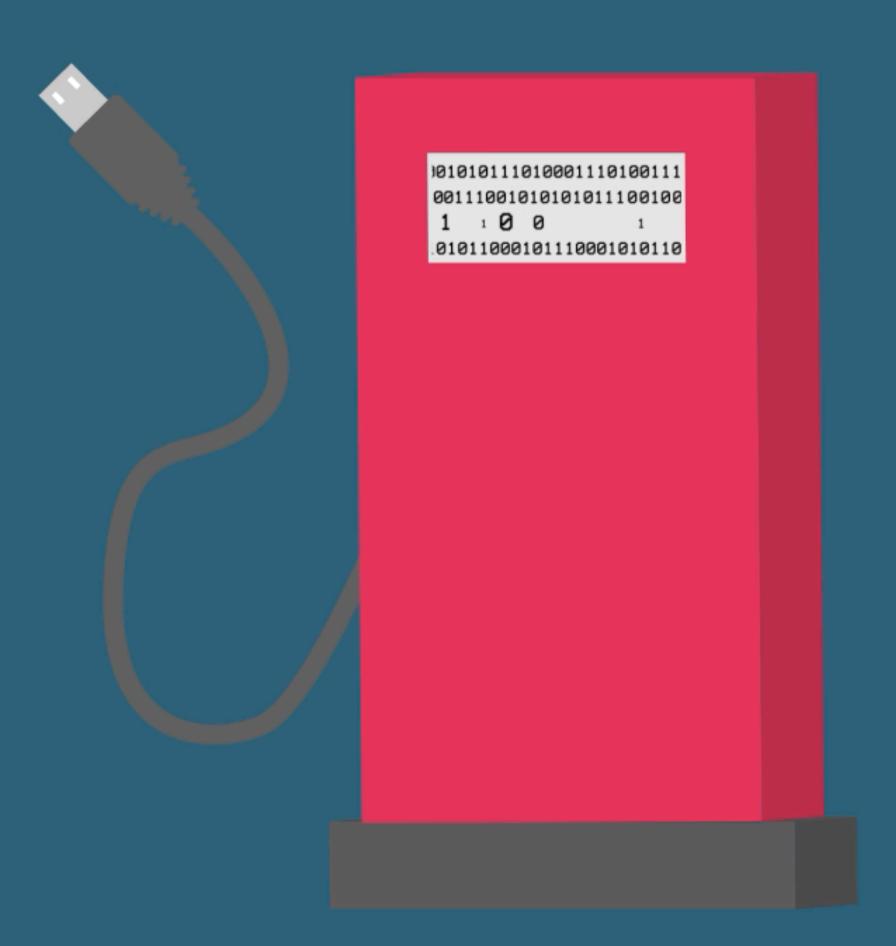




Binary

Multinary (Human)

PURPOSE



PASSION

IMAGINATION



CURIOSITY

FORESIGHT

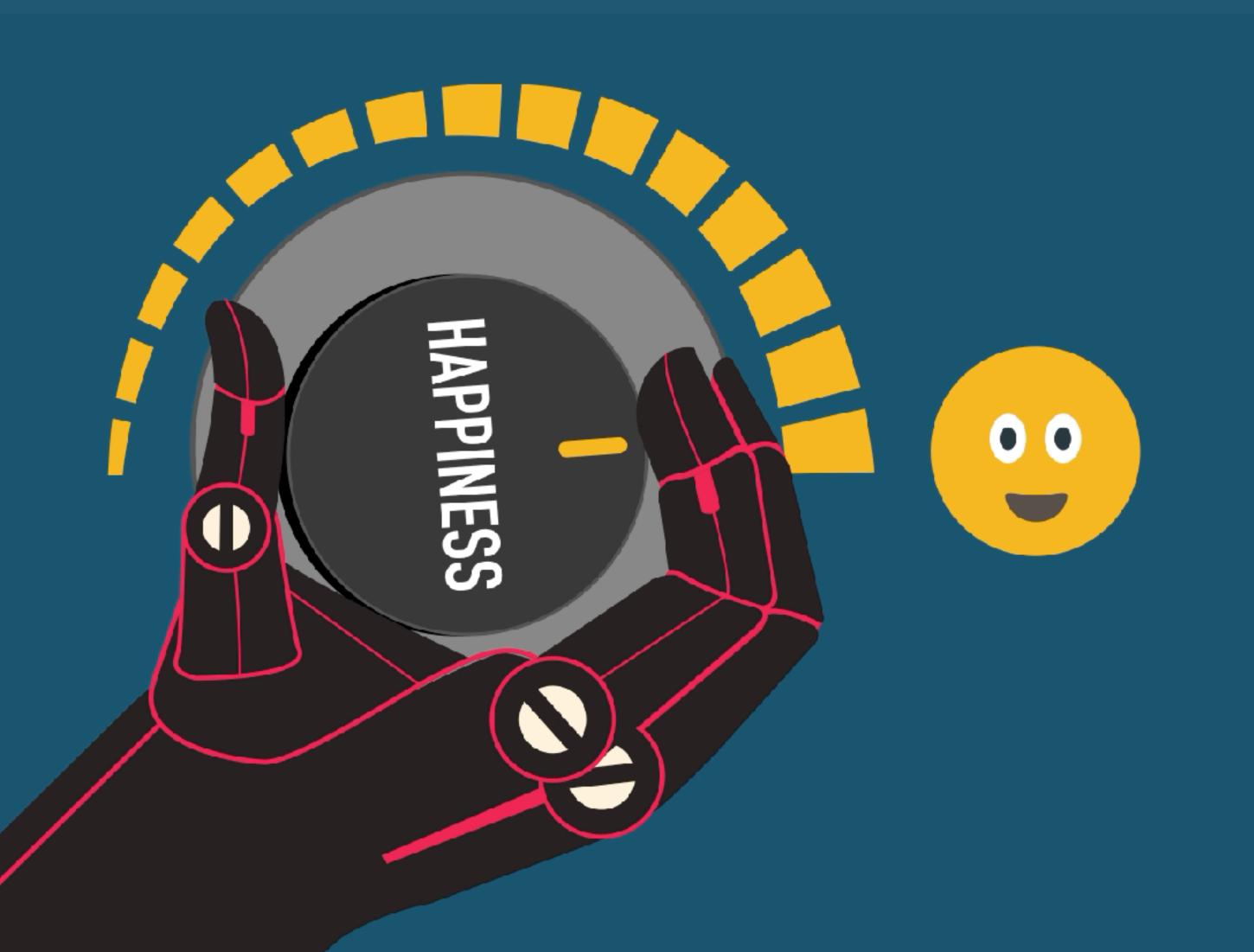
CRITICAL THINKING

Gêrd

If you torture data long enough it will confess to anything!

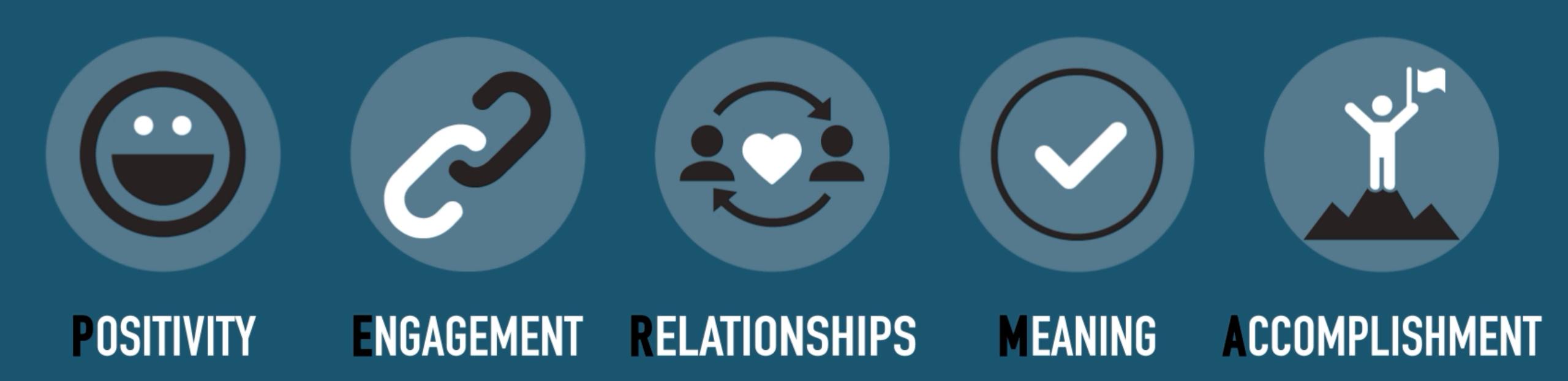


Machines don't do relationships!



Happiness is not an algorithm, and humans aren't code!

Technology is not what we seek, but how we seek



The biggest danger is not that machines will take over but that we become too much like them!

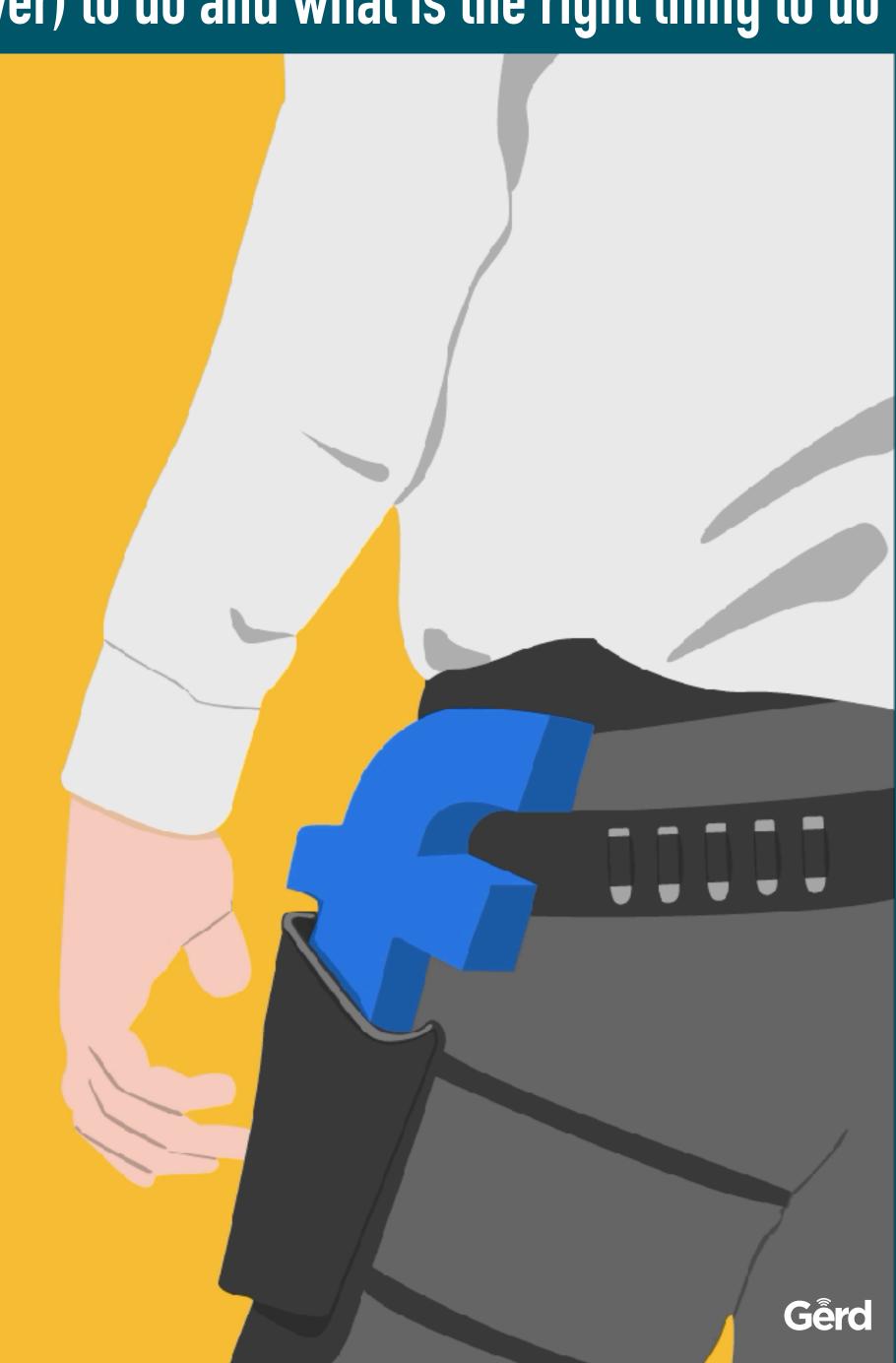




TECHNOLOGY HAS NO ETHICS

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





Europe is drawing fresh battle lines around the ethics of big data

First GDPR fines coming this year is just the start, says data protection supervisor Giovanni Buttarelli

1 week ago

Every technological gain should result in human flourishing



Humanly sustainable?





Humanly sustainable?





Soon, the question is no longer IF or HOW technology can do something, but WHY it should





Soon, the question is no longer IF or HOW technology can do something, but WHY it should





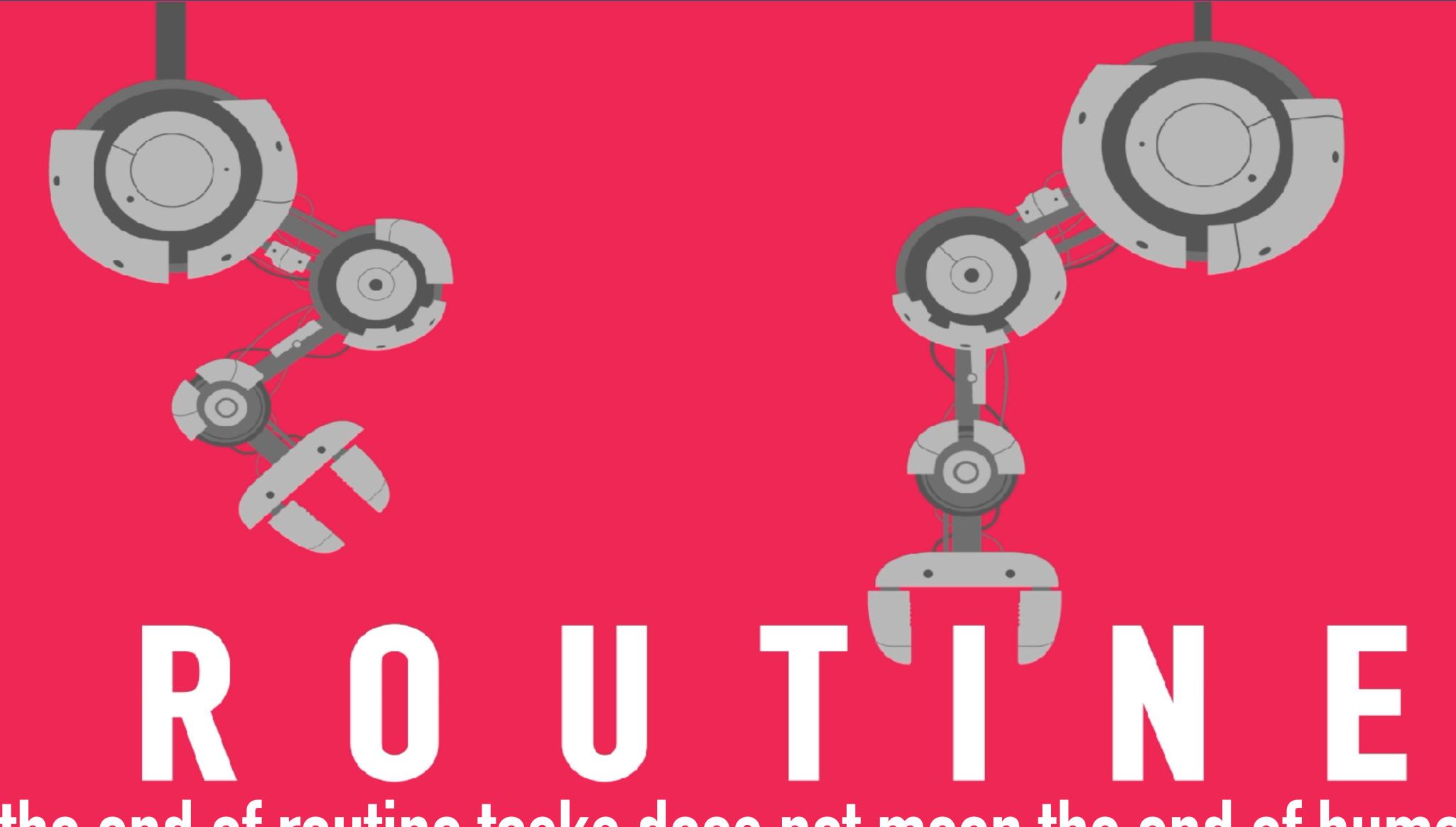
The more we engage with increasingly powerful technologies, the more we need to maintain and protect what makes us human



Societies are driven by their technology but defined by their humanity

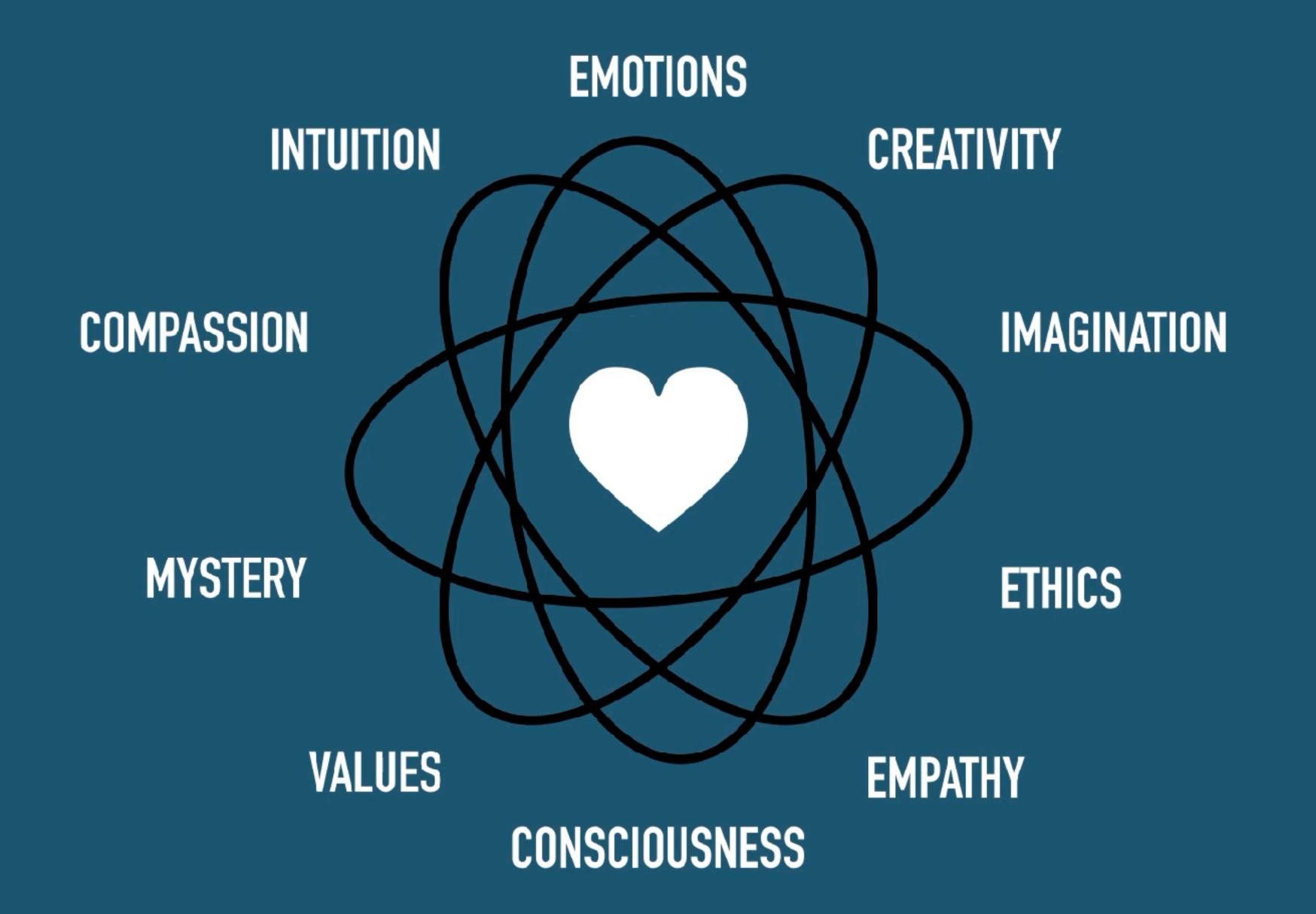


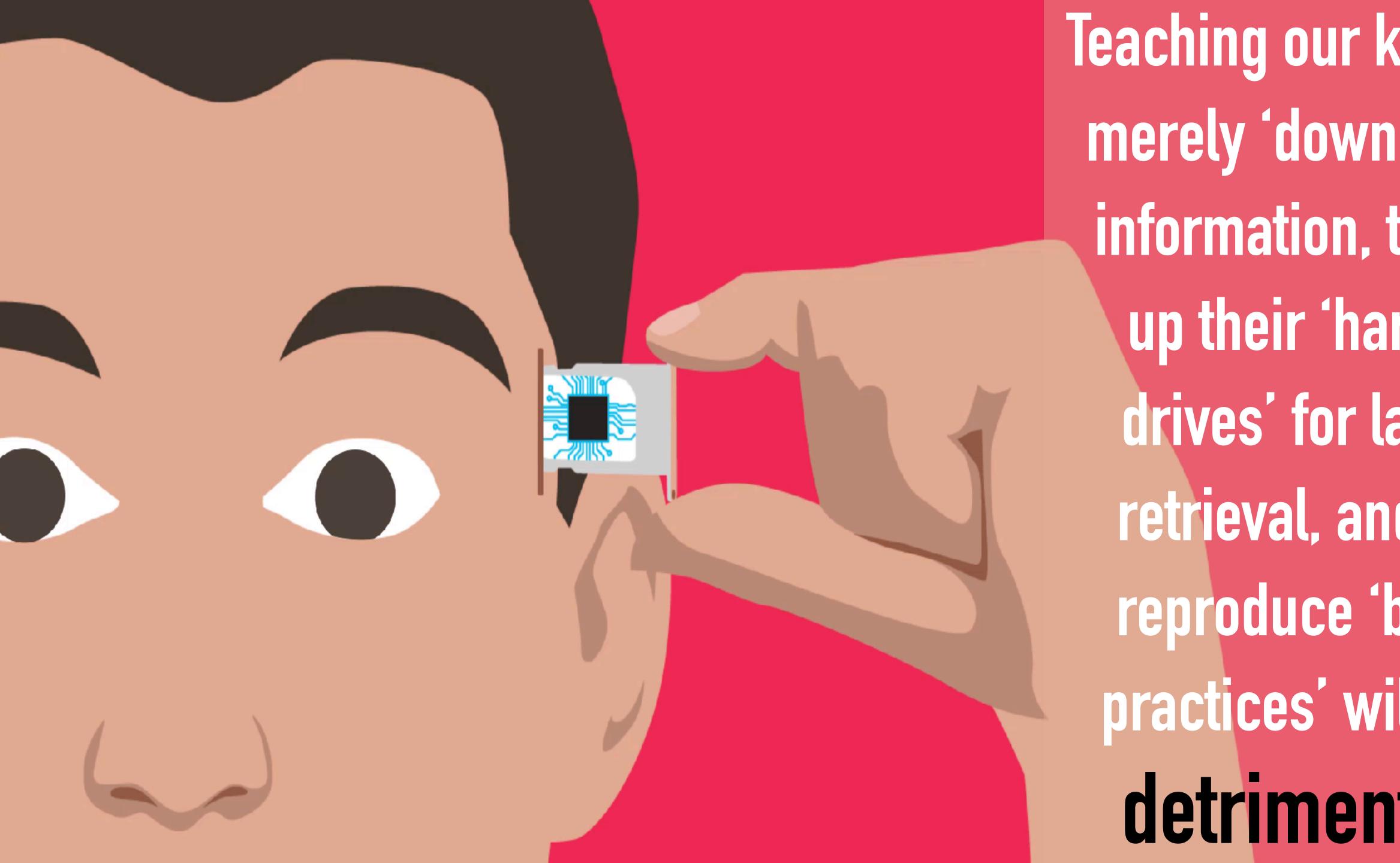
The End of Routine is coming



But the end of routine tasks does not mean the end of human work!

... because anything that cannot be digitized or automated will become even more valuable

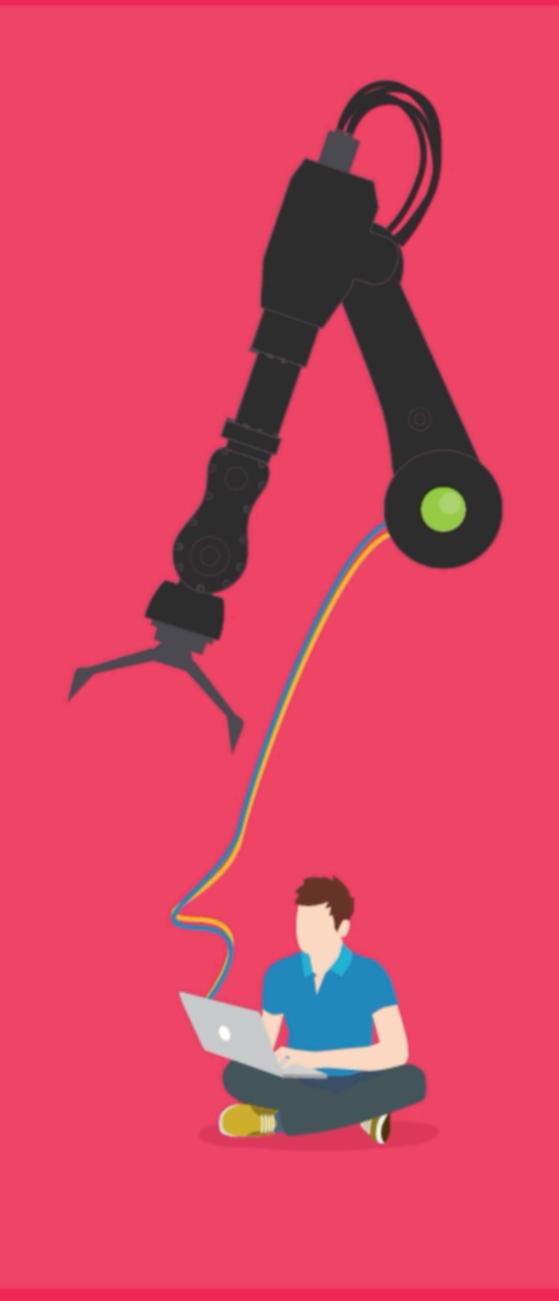


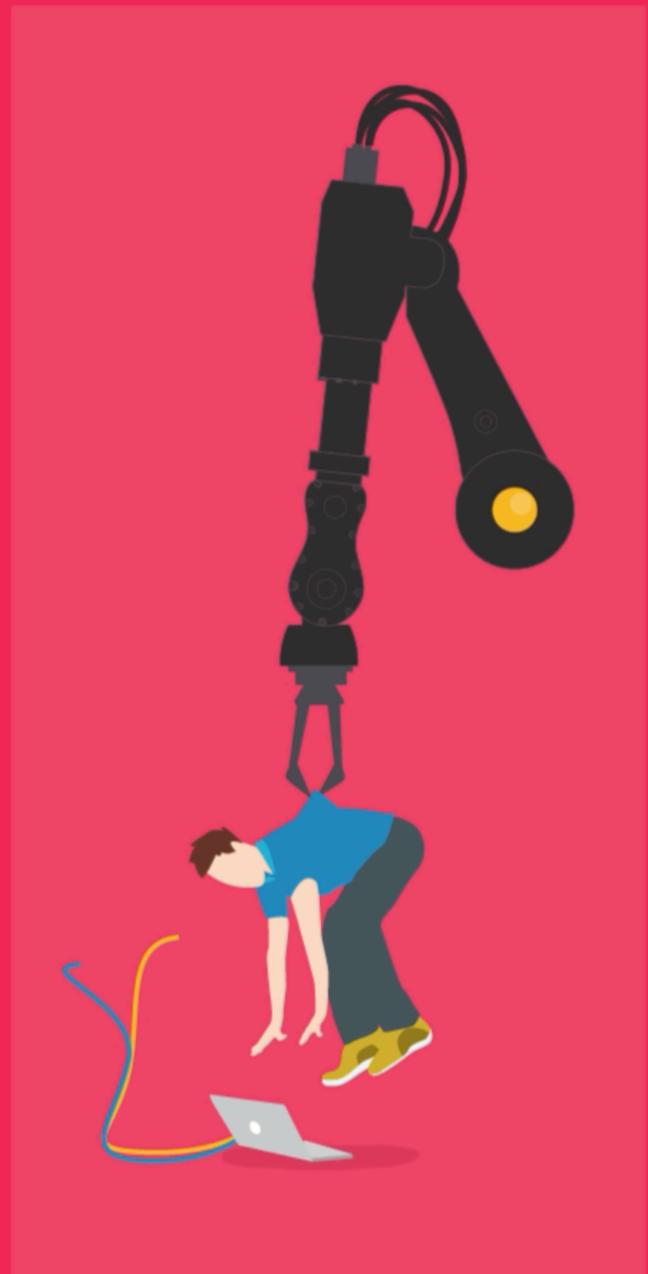


Teaching our kids to merely 'download' information, to fill up their 'harddrives' for later retrieval, and to reproduce best practices' will be detrimental

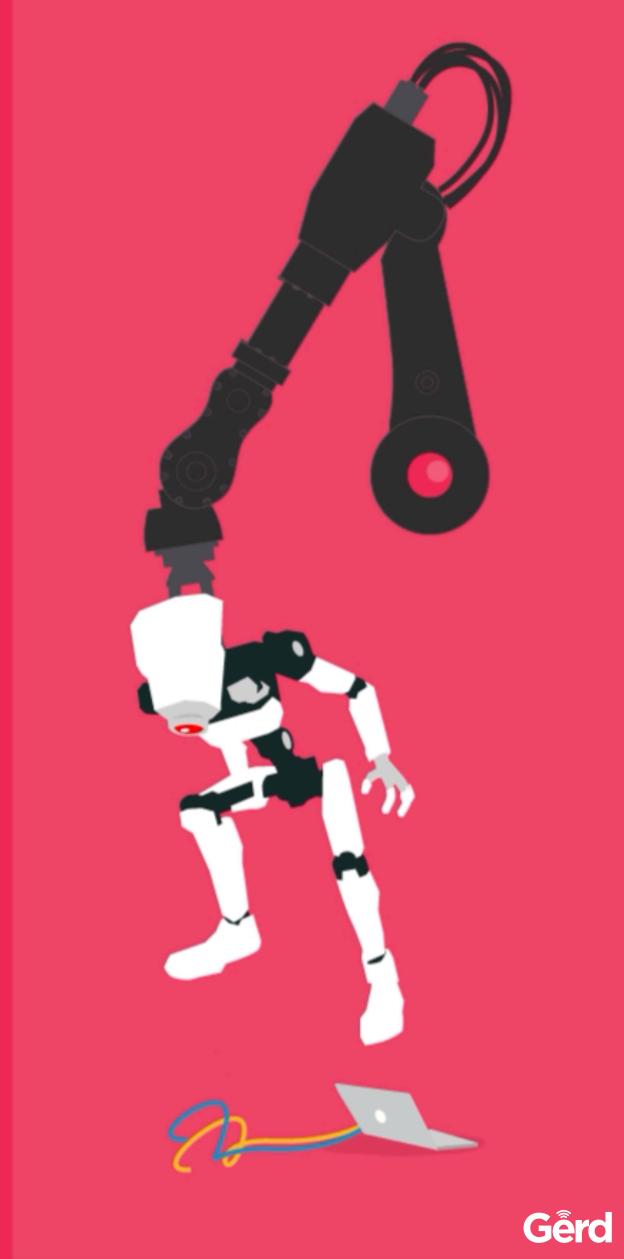


Unemployment is a FEATURE of the unrestrained digital economy







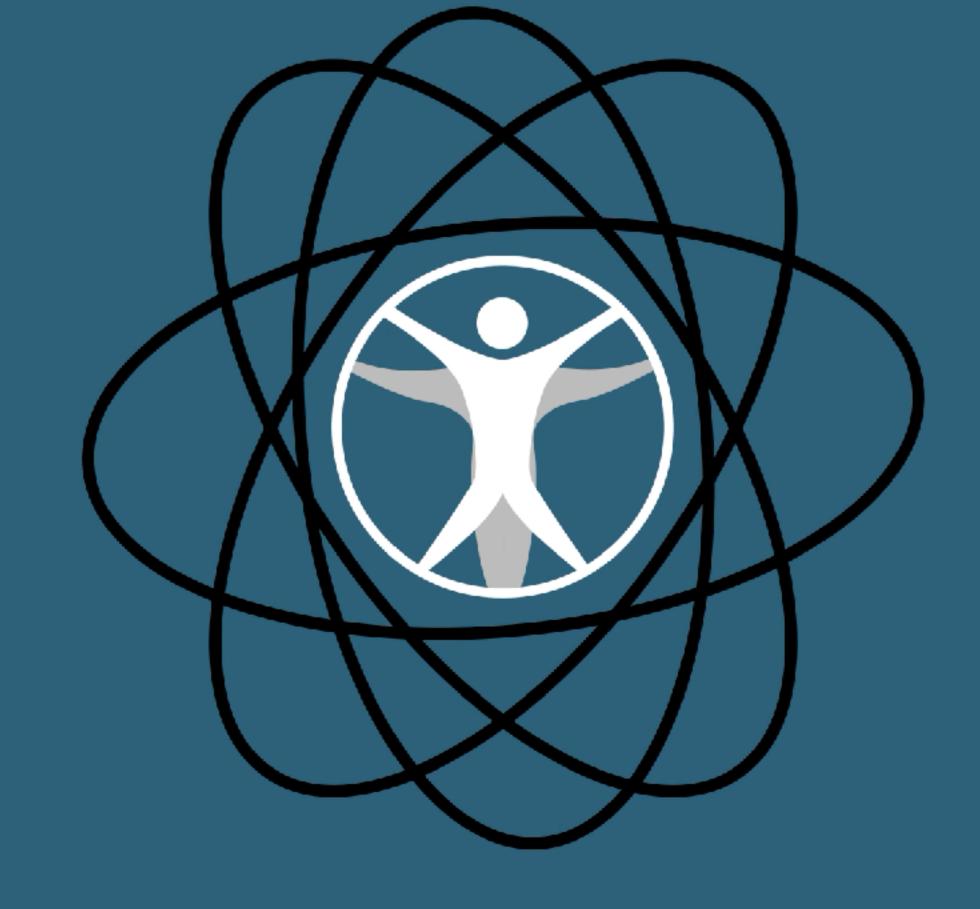


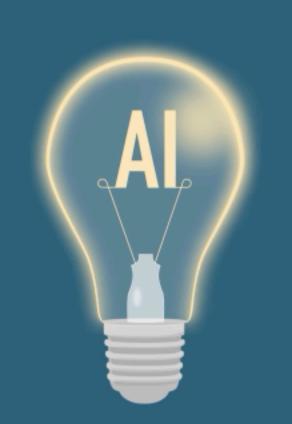
Every politician should have a 'driver's license for the future'!

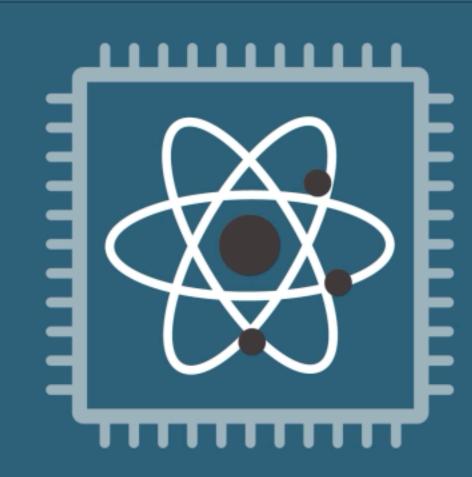




THE FUTURE













Embrace technology but don't become it!

