Telefónica

FUNDACIÓN

Humanity and Technology: the Future

techvshuman.com

gerd.cloud

gerdtube.com

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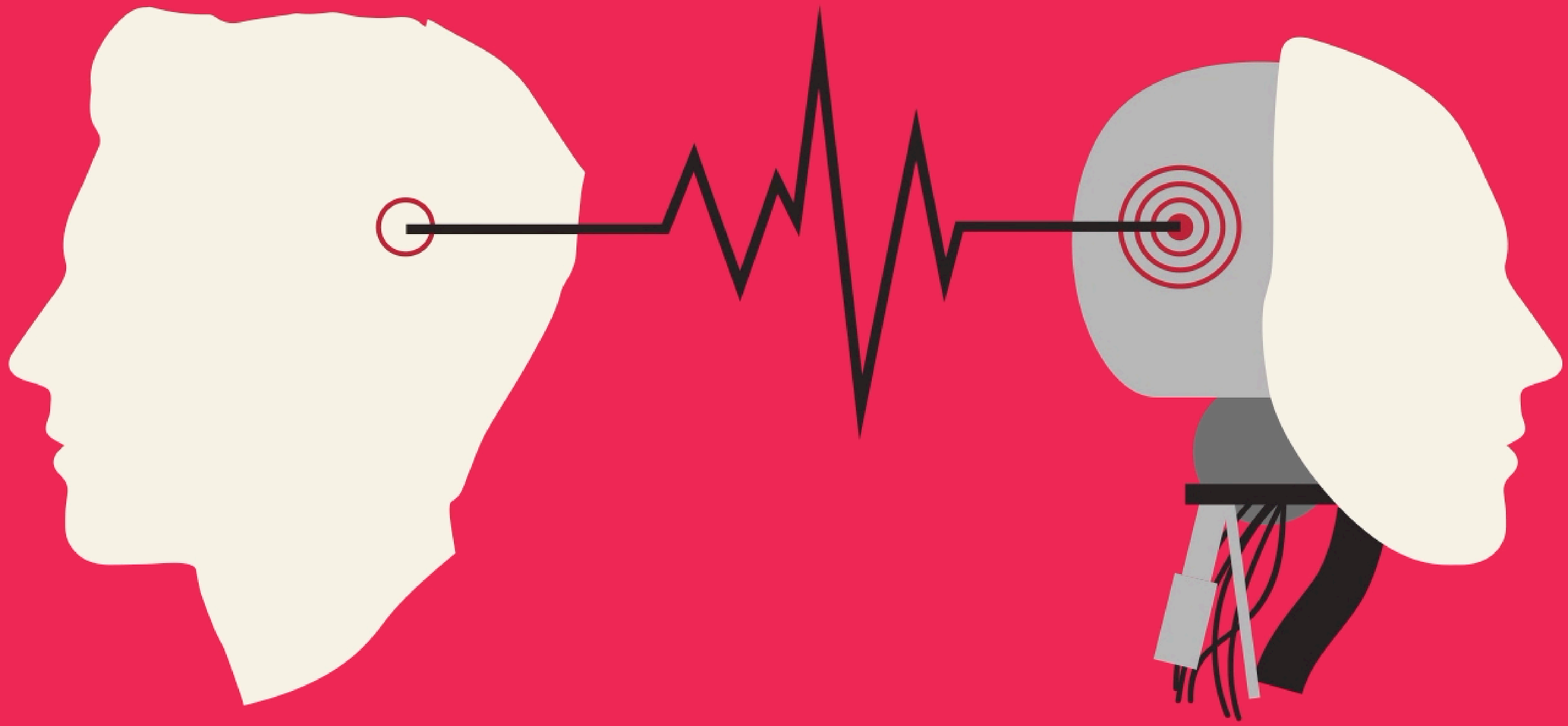
futuristgerd.com

ForoCultura

Humanity Technology

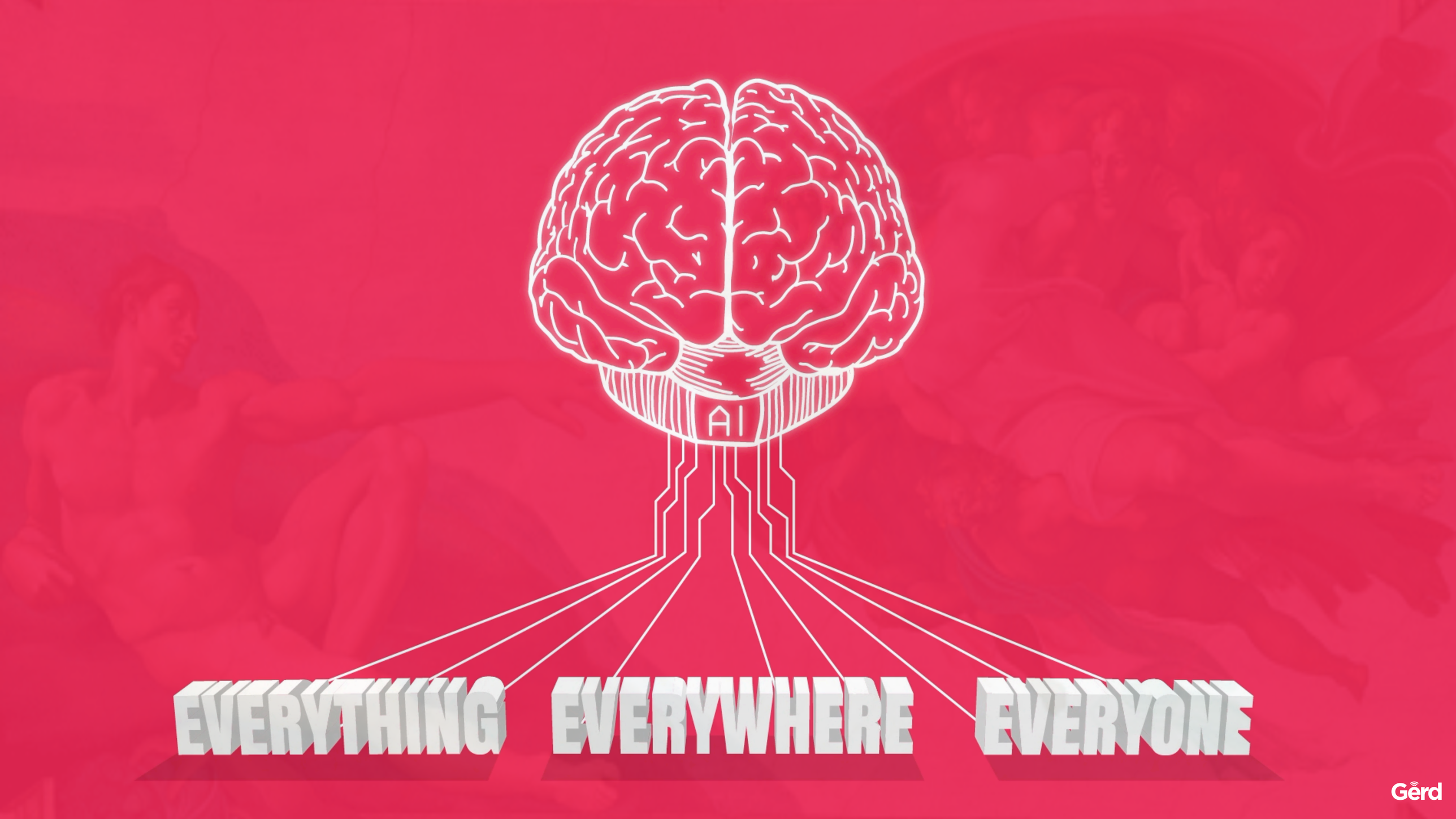


Gerd

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

It could be heaven or it could be hell (#hellven)

Gerd


AI
EVERYTHING
EVERYWHERE
EVERYONE

TECHNOLOGY HAS NO ETHICS

Gerd

Contract for the Web

WORLD WIDE WEB FOUNDATION

CORE PRINCIPLES

The web was designed to bring people together and make knowledge freely available. Everyone has a role to play to ensure the web serves humanity. By committing to the following principles, governments, companies and citizens around the world can help protect the open web as a public good and a basic right for everyone.

GOVERNMENTS WILL

Ensure everyone can connect to the internet so that anyone, no matter who they are or where they live, can participate actively online.

Keep all of the internet available, all of the time so that no one is denied their right to full internet access.

Respect people's fundamental right to privacy so everyone can use the internet freely, safely and without fear.

COMPANIES WILL

Make the internet affordable and accessible to everyone so that no one is excluded from using and shaping the web.

Respect consumers' privacy and personal data so people are in control of their lives online.

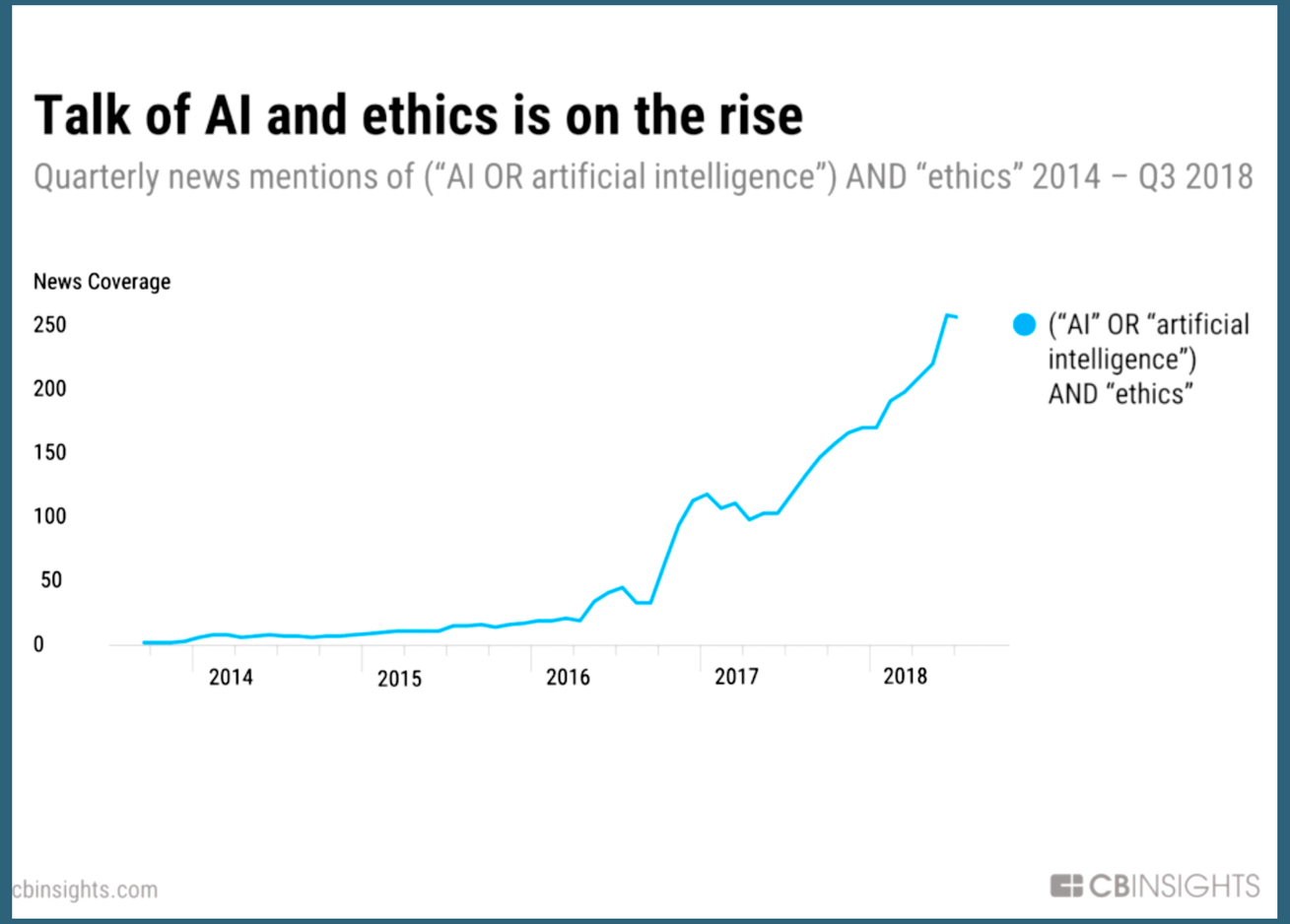
Develop technologies that support the best in humanity and challenge the worst so the web really is a public good that puts people first.

CITIZENS WILL

Be creators and collaborators on the web so the web has rich and relevant content for everyone.

Build strong communities that respect civil discourse and human dignity so that everyone feels safe and welcome online.

Fight for the web so the web remains open and a global public resource for people everywhere, now and in the future.



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To regulate AI we need new laws, not just a code of ethics | Paul Chadwick

Paul Chadwick • Sun 28 Oct 2018 20.58 GMT

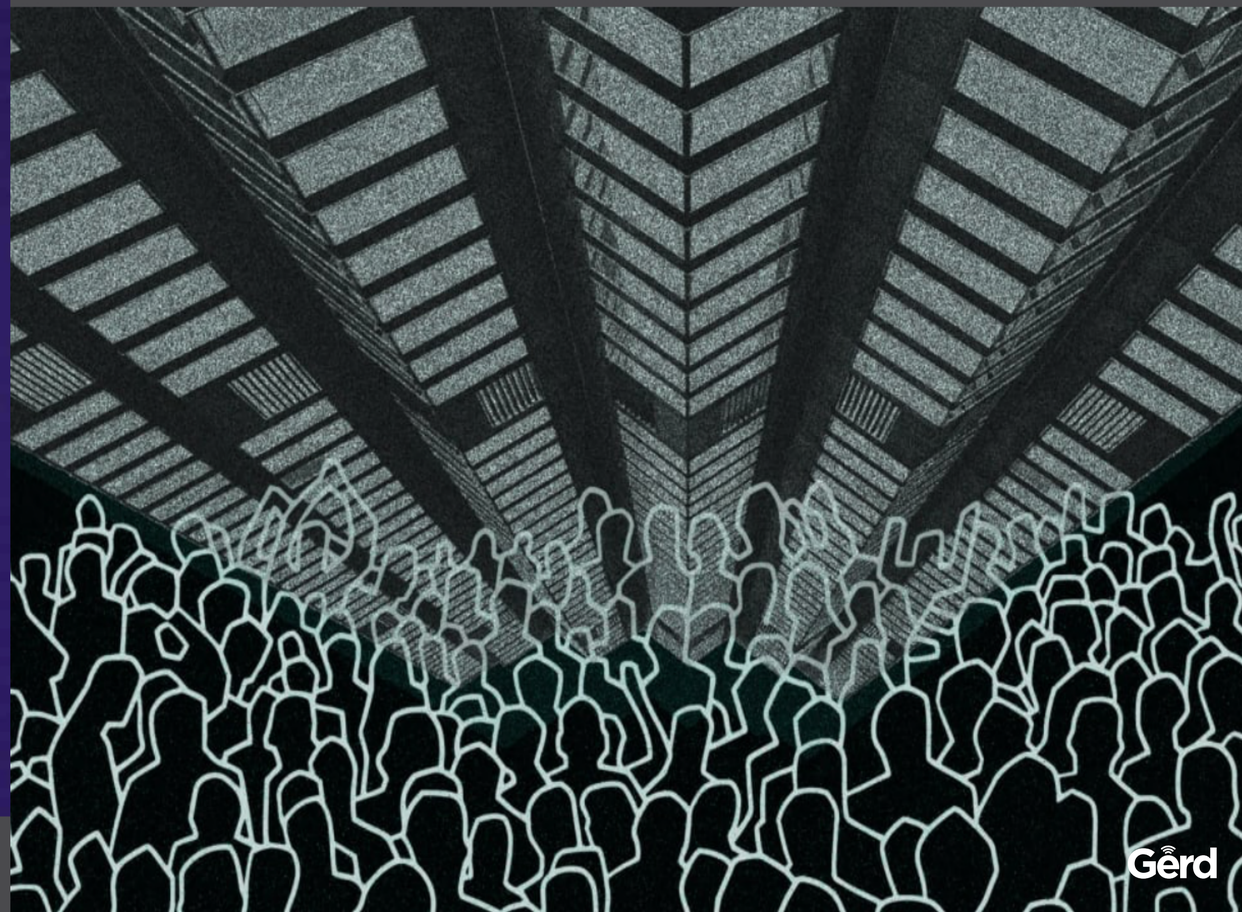
Technology is becoming all-pervasive – global regulations must be created to avoid an unhealthy concentration of power in too few hands

'Mark Zuckerberg is among a tiny group of decision-makers who are shaping a world in which humans and AI collect and use the personal information of billions of people.' Photograph: Marcio Jose

Letting tech firms frame the AI ethics debate is a mistake

Citizens and lawmakers need to be more proactive about setting the AI agenda—and doing so in a manner that includes the voices of the marginalized.

Fast Company



Digital Ethics: the difference between doing whatever technological progress will allow us to do, and putting human happiness and societal flourishing first at all times

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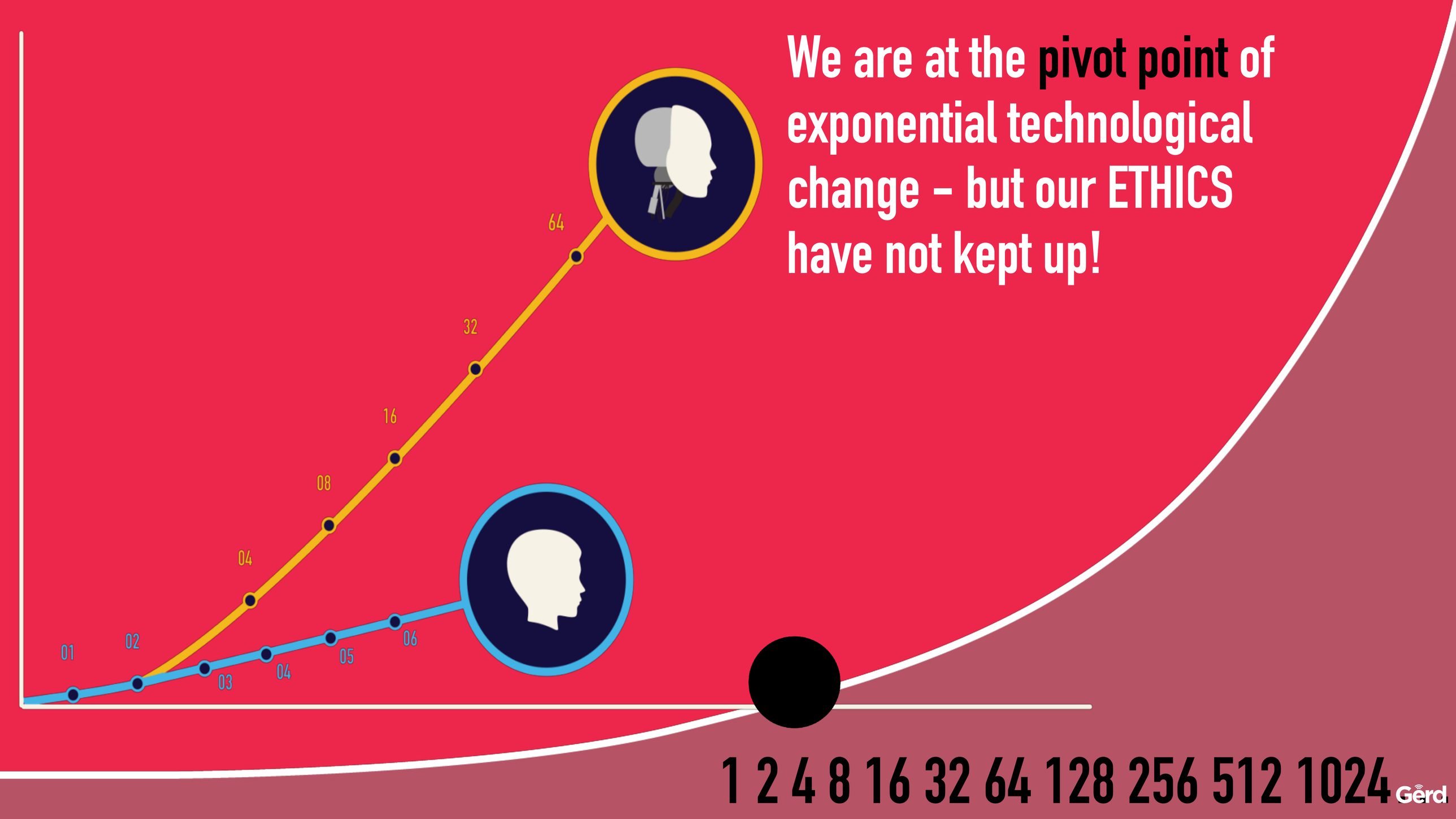
We are at the pivot point of exponential technological change – but our ETHICS have not kept up!
01
02
03
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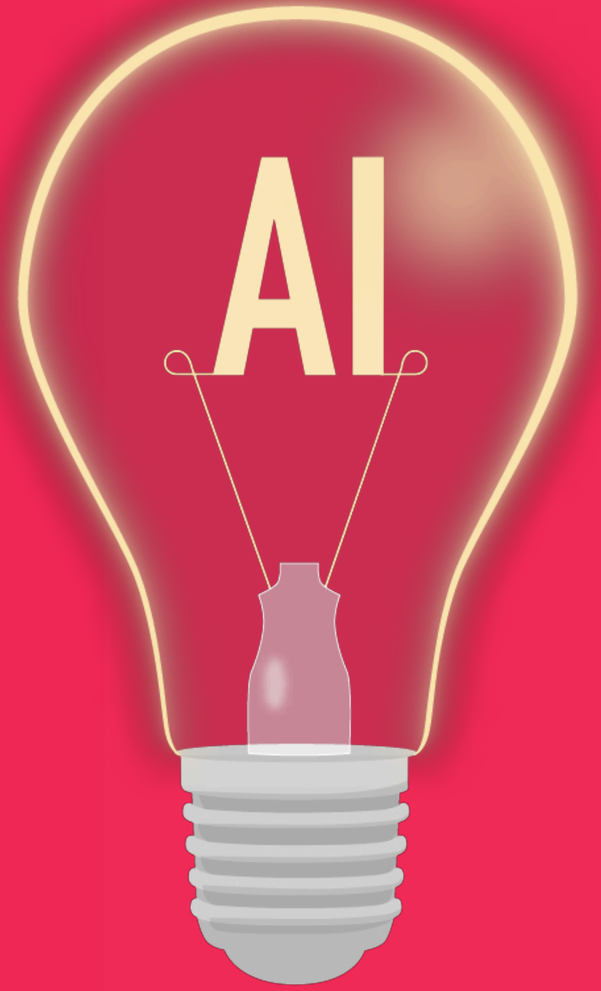
1 2 4 8 16 32 64 128 256 512 1024
Gerd

Data is the new Oil, and Artificial Intelligence is the new Electricity: an irresistible, $50 Trillion gold-rush



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Public / Private Internet Companies, Ranked by Market Valuation (5/29/18)

Rank 2018	Company	Region	Market Value ($B) 2013	2018
1)	Apple	USA	$418	$924
2)	Amazon	USA	121	783
3)	Microsoft	USA	291	753
4)	Google / Alphabet	USA	288	739
5)	Facebook	USA	56	538
6)	Alibaba	China	--	509
7)	Tencent	China	71	483
8)	Netflix	USA	13	152
9)	Ant Financial	China	--	150
10)	eBay + PayPal*	USA	71	133
11)	Booking Holdings	USA	41	100
12)	Salesforce.com	USA	25	94
13)	Baidu	China	34	84
14)	Xiaomi	China	--	75
15)	Uber	USA	--	72
16)	Didi Chuxing	China	--	56
17)	JD.com	China	--	52
18)	Airbnb	USA	--	31
19)	Meituan-Dianping	China	--	30
20)	Toutiao	China	--	30
		Total	$1,429	$5,788

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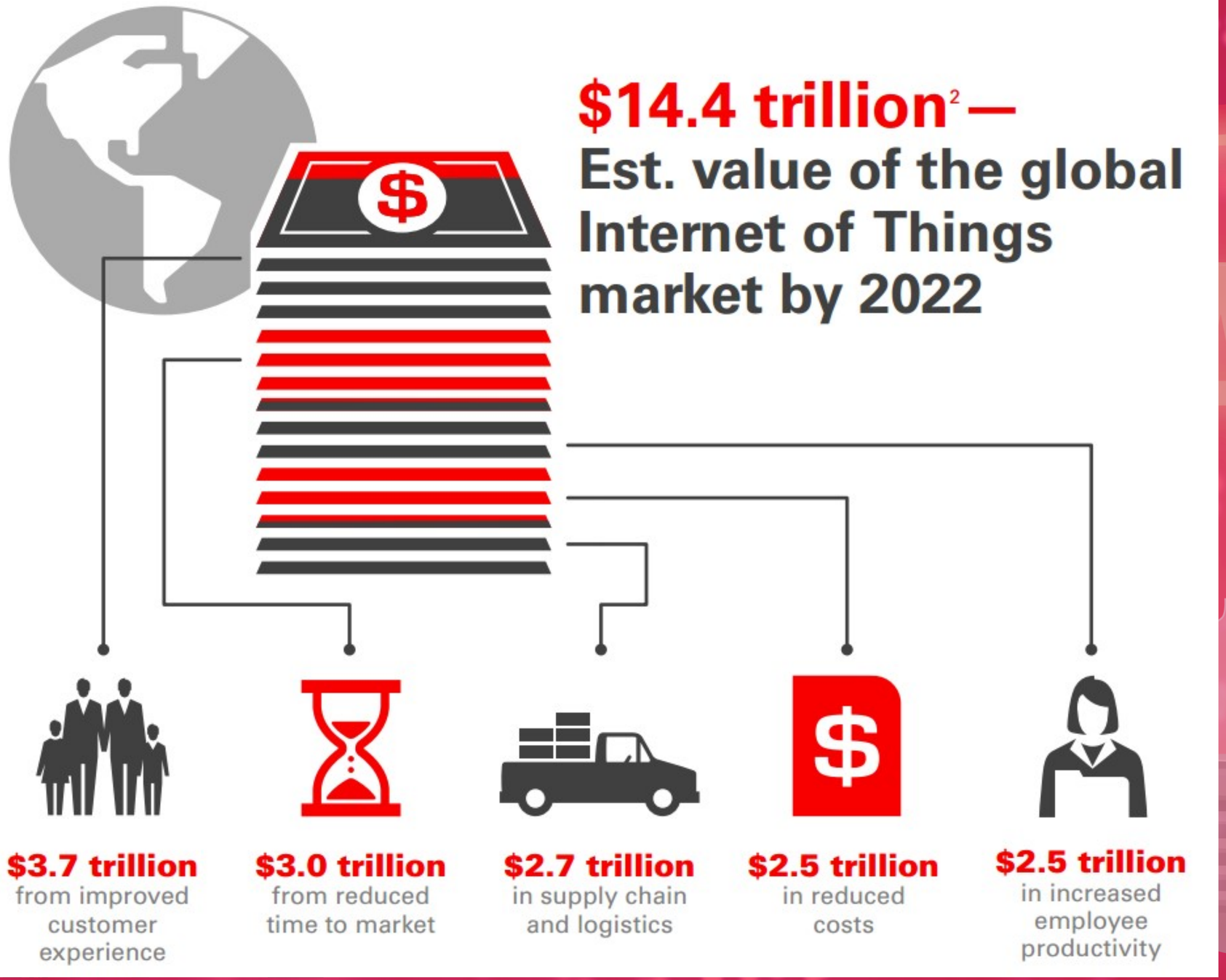
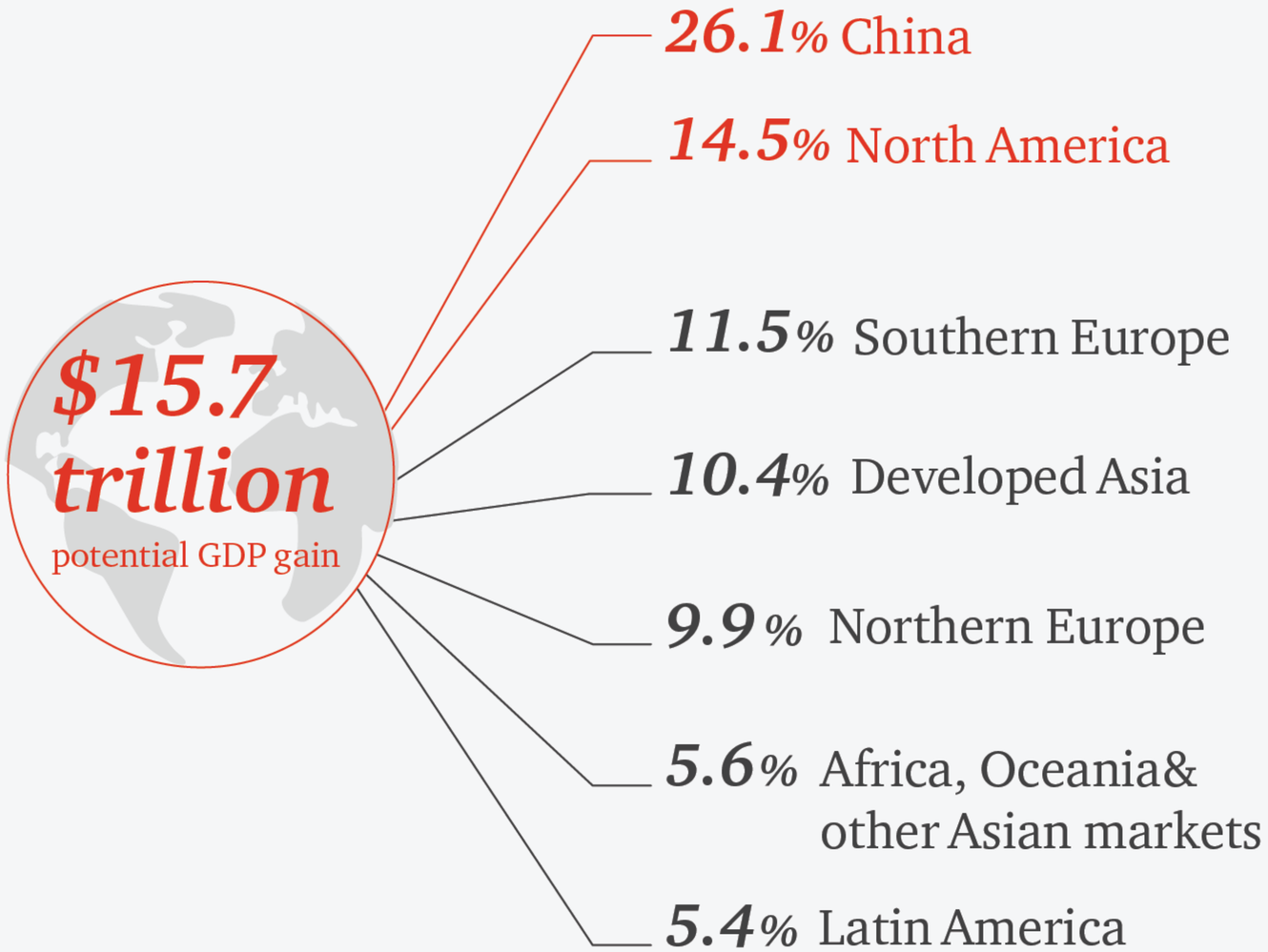

$14.4 trillion[2] —
Est. value of the global Internet of Things market by 2022
$3.7 trillion
from improved customer experience
$3.0 trillion
from reduced time to market
$2.7 trillion
in supply chain and logistics
$2.5 trillion
in reduced costs
$2.5 trillion
in increased employee productivity

China and North America will see biggest AI gains by 2030



Source: PwC Global Artifical Intelligence Study, 2017

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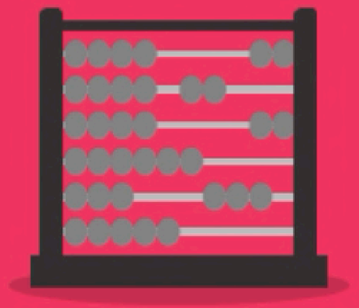
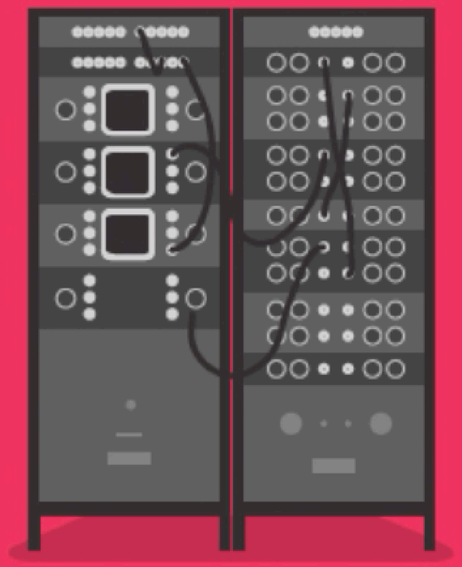
AI: MACHINES THAT CAN HEAR, SEE, SPEAK, LEARN… THINK?





Tabulating Systems Era

1900

Programmable Systems Era

1950

Cognitive Systems Era

2020

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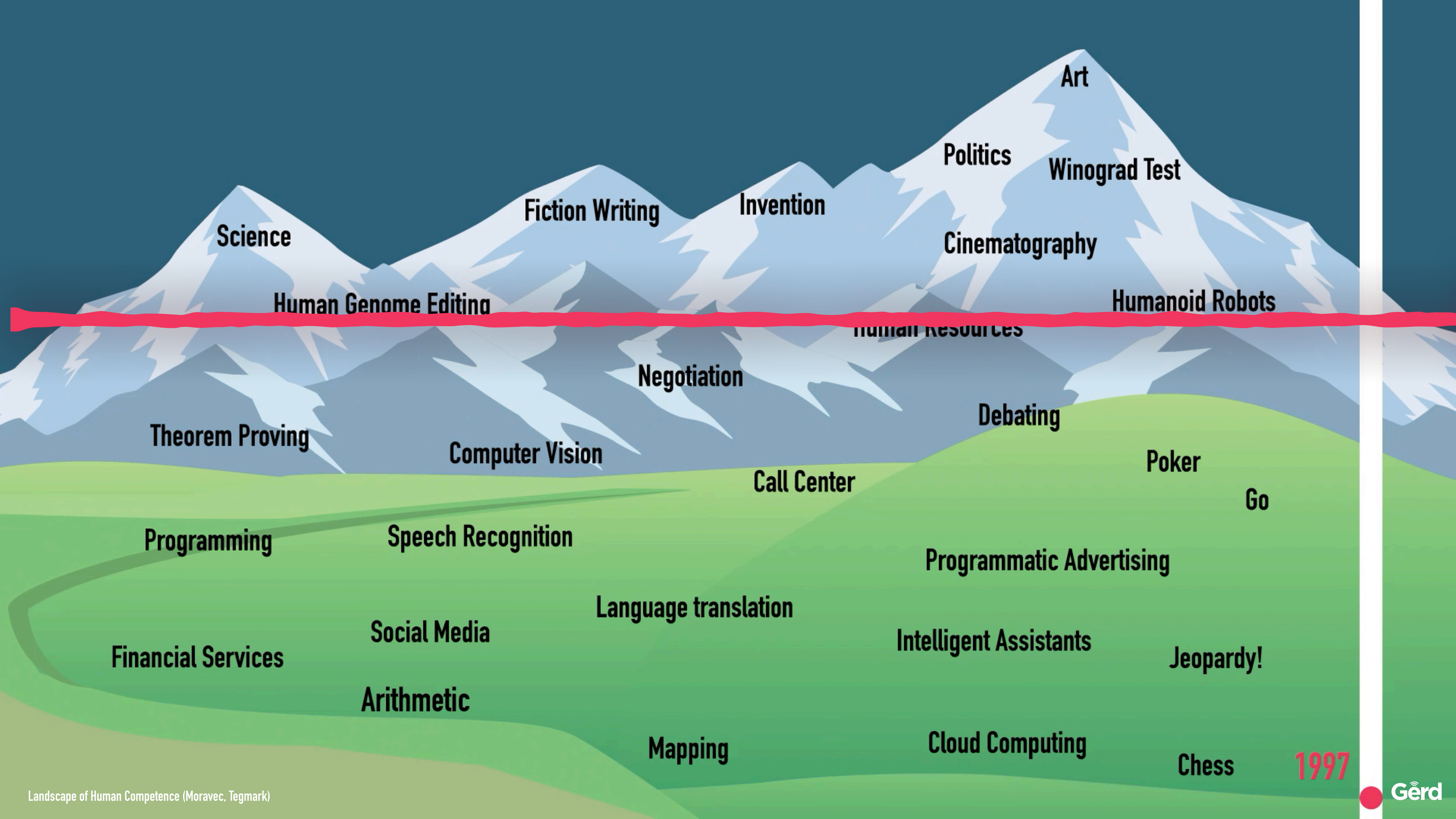

Landscape of Human Competence (Moravec, Tegmark)

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Landscape of Human Competence (Moravec, Tegmark)

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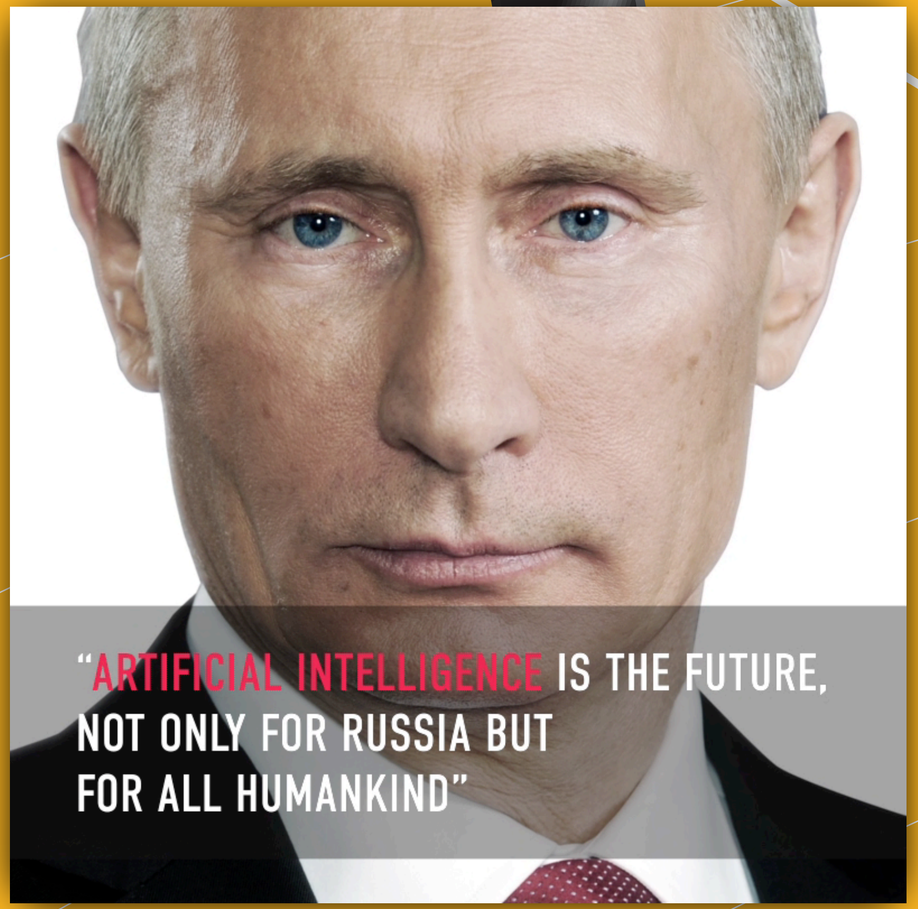
Intelligent Assistance (IA) will be DISRUPTIVE but AGI will be EXISTENTIAL



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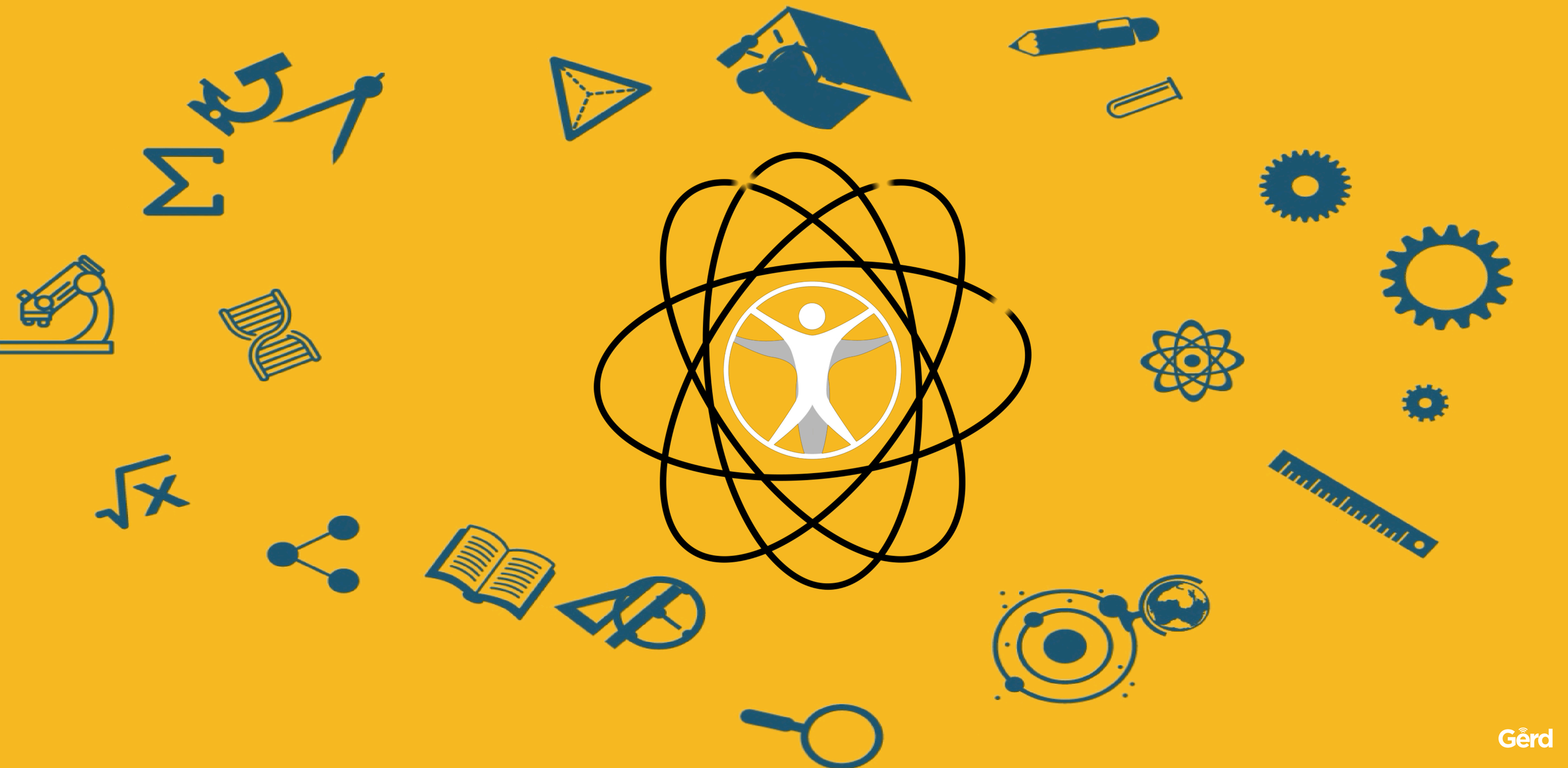
We need a global moratorium on Artificial General Intelligence (AGI)



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We are building a new META-INTELLIGENCE

Security? Data Protection? Privacy? Digital Rights? Sustainability?
Governance? Accountability? Regulation? Social Contract? Ethics? Values?

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We are building a new META-INTELLIGENCE

"Technology can do great things, but it does not WANT to do great things. It does not want anything."

Tim Cook, CEO, Apple October 25 2018

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If?

How?

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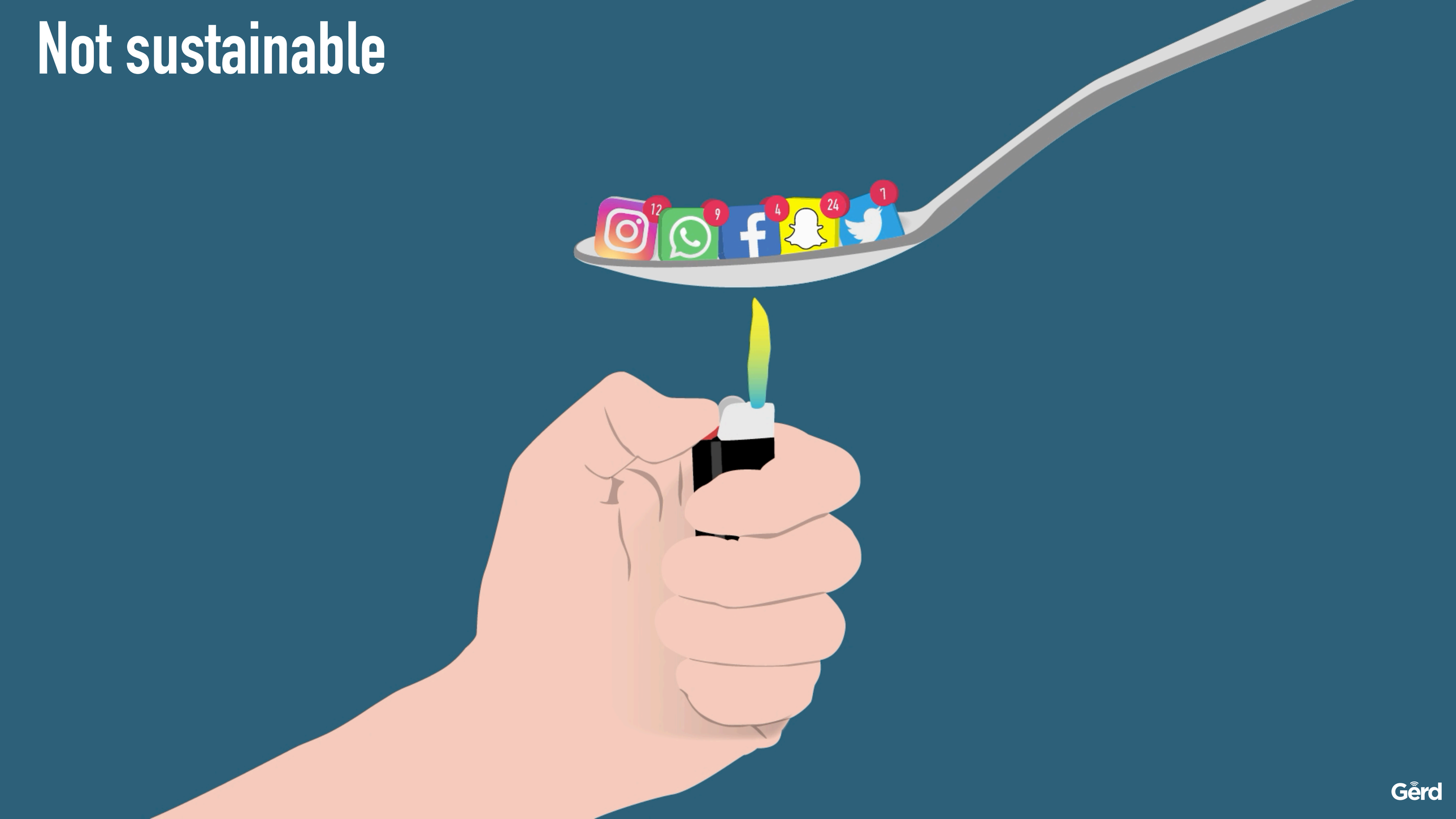
Why?
Who?

Not sustainable



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Not sustainable

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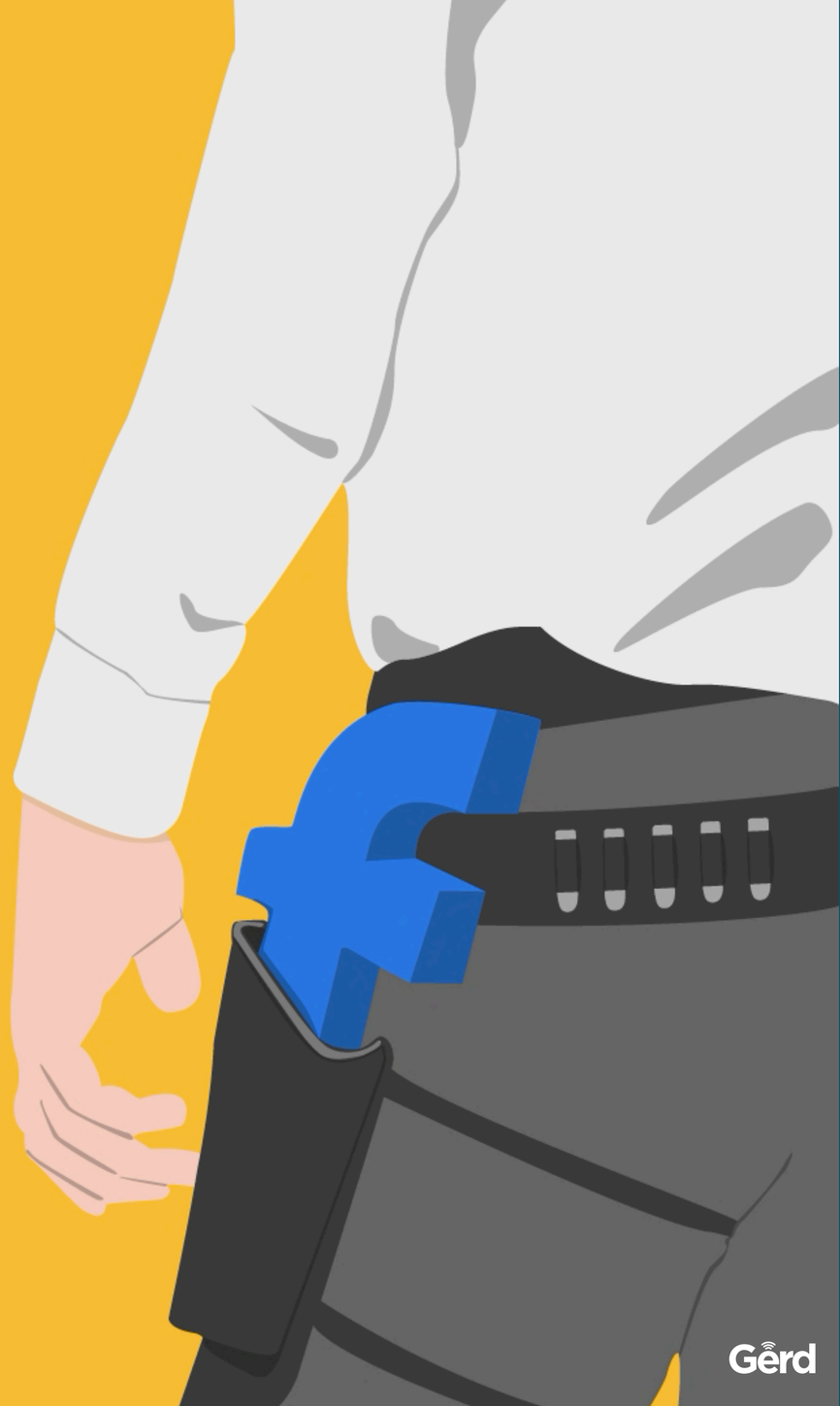
Not sustainable



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The externalities of exponential technological growth must be INCLUDED in the digital economy, as well!

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DIGITAL ETHICS COUNCIL

The more we connect the more we must protect what makes us human

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For now the biggest danger is not that machines will eliminate us but that we become too much like them

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Europe needs to adopt a holistic, future-ready mindset: 50% STEM and 50% HECI!

We must invest as much in humanity as we do in technology!

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The Future: awesome humans on-top of amazing technology

PURPOSE

PASSION

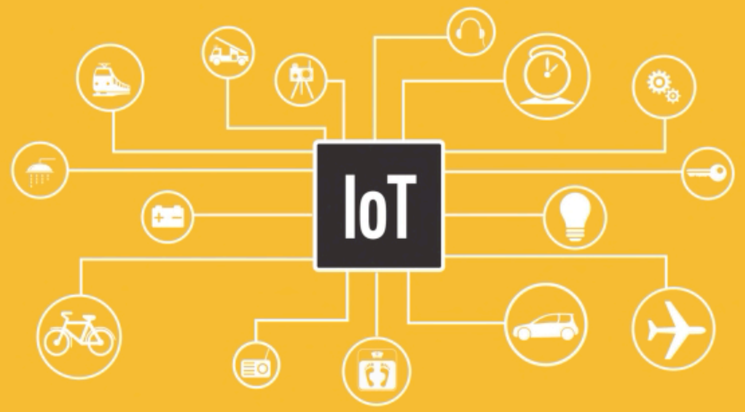
CURIOSITY

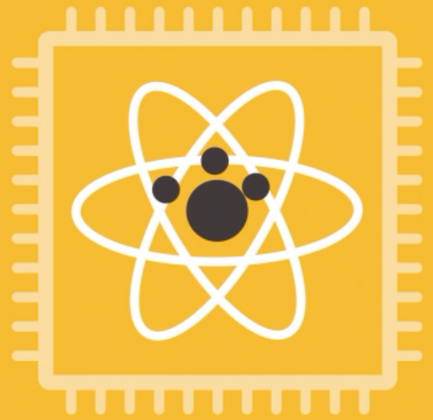
DIGITAL ETHICS COUNCIL

IMAGINATION

FORESIGHT

CRITICAL THINKING





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Exponential technological progress + circular economy principles + digital ethics = a sustainable future