# 7 Key In/Foresights: The World by 2030

THE PURPOSE OF LOOKING AT THE FUTURE IS NOT PREDICTION – IT IS TO BE BETTER PREPARED!





Gerd Leonhard, Futurist & CEO The Futures Agency



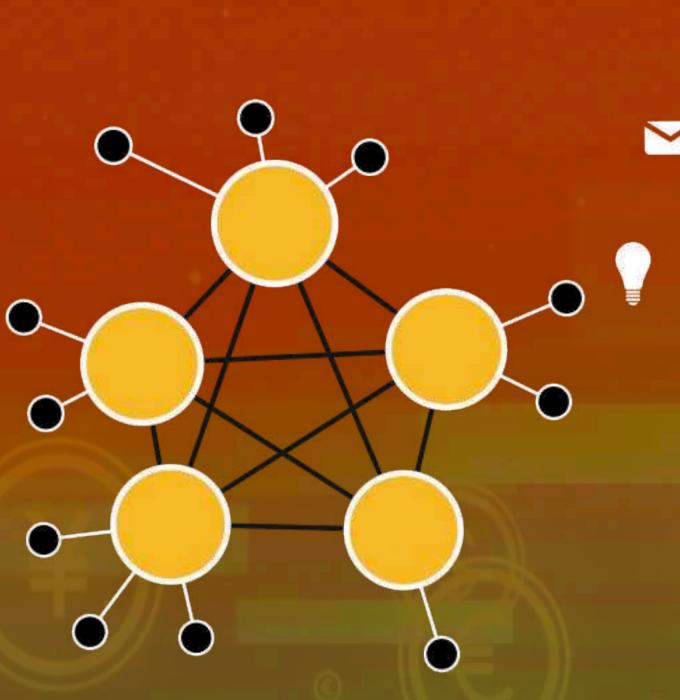


### #1 2025-2030: 4 Simultaneous Revolutions

- Geopolitics: Unipolar» Multipolar (new world order)
- Digital: Al / AGI, Quantum, Synthetic Biology+++
- Climate Emergency: Energy, Sustainability +++
- Human/Purpose: A New Economic Logic: Beyond GDP

## GEOPOLITICAL REVOLUTION

DIGITAL REVOLUTION SUSTAINABILITY REVOLUTION PURPOSE REVOLUTION









## BiPolar » Unipolar » MULTIPOLAR





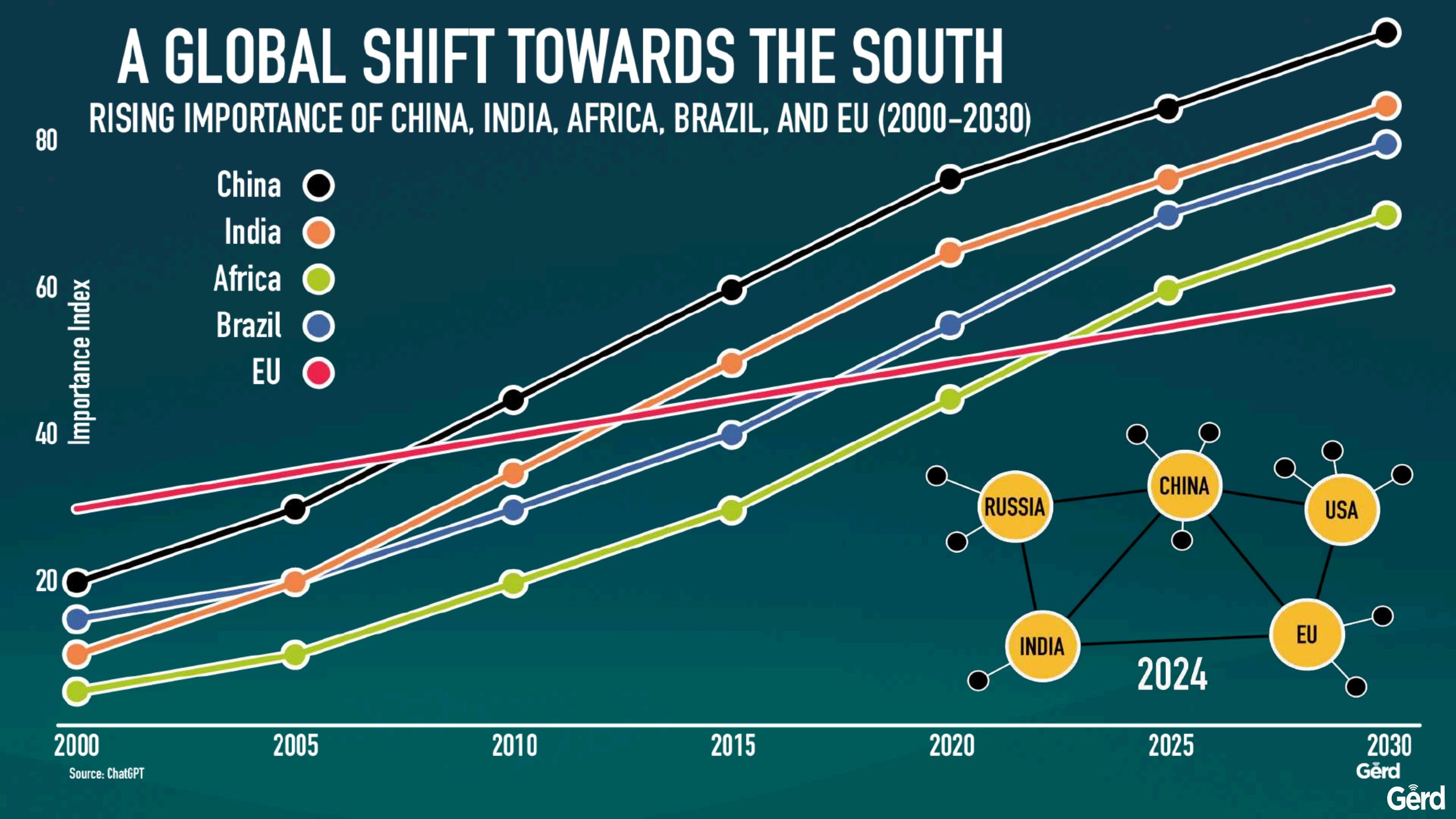
1947

## >> MULTIPOLAR

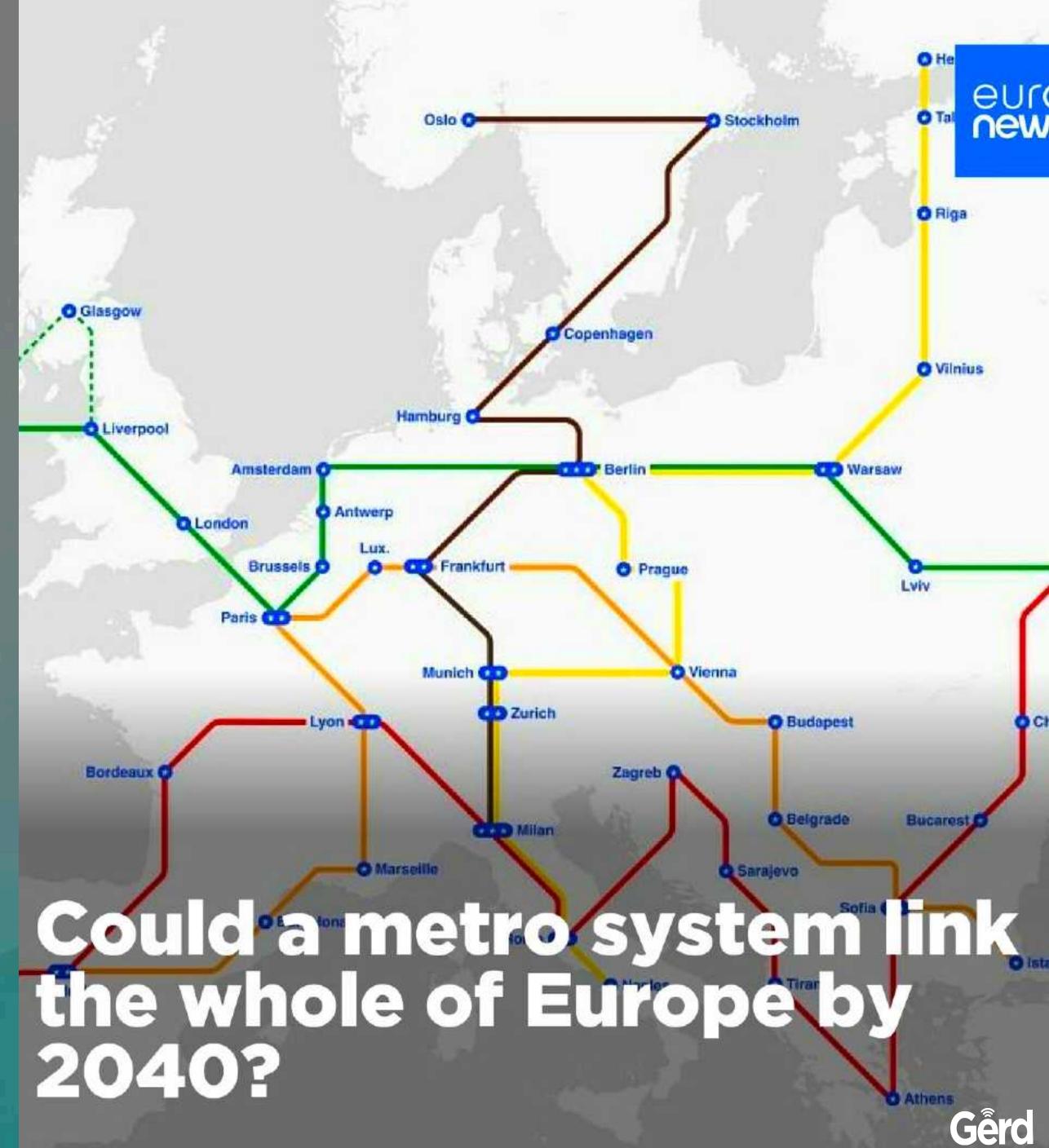




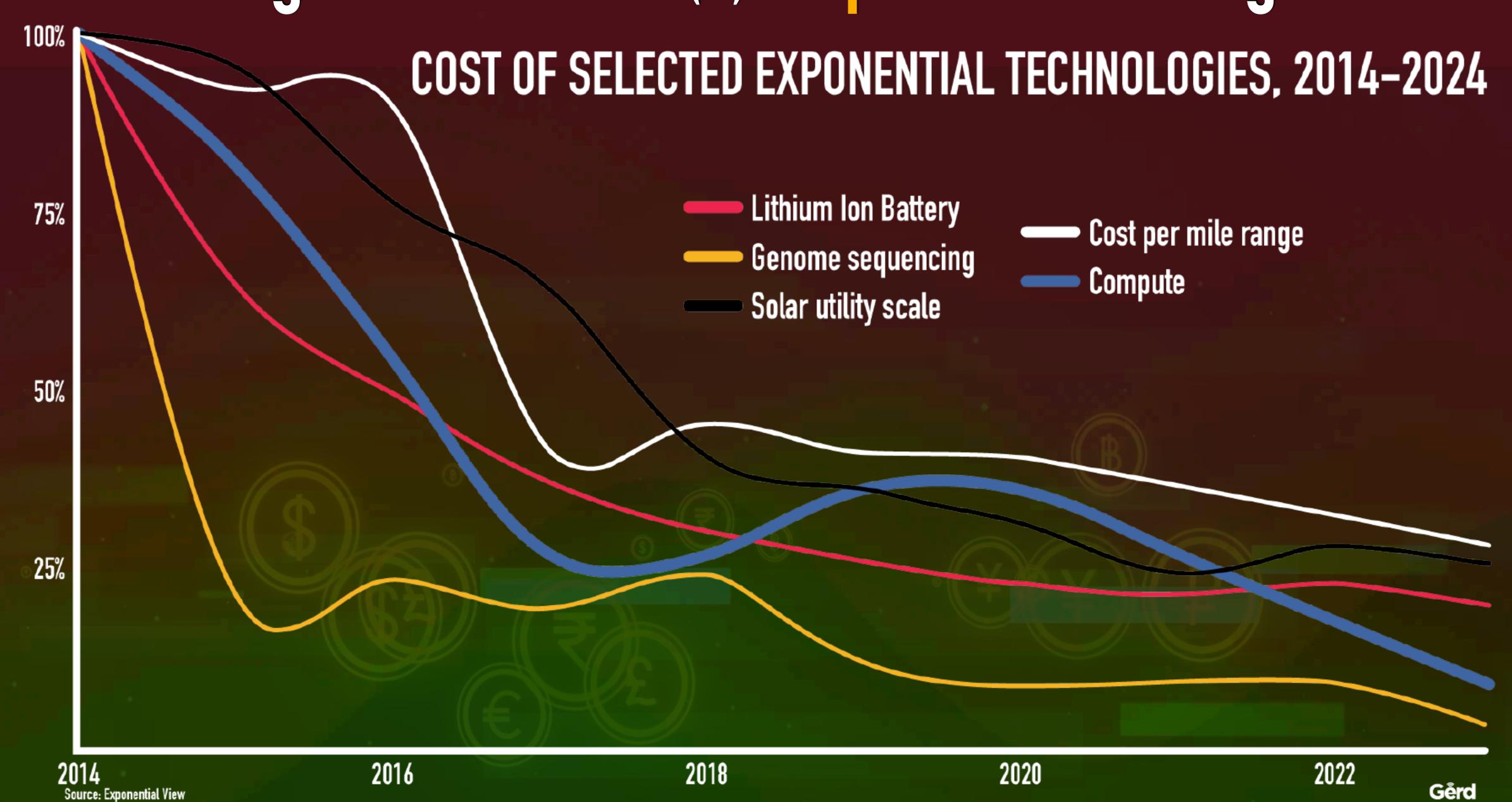
2024







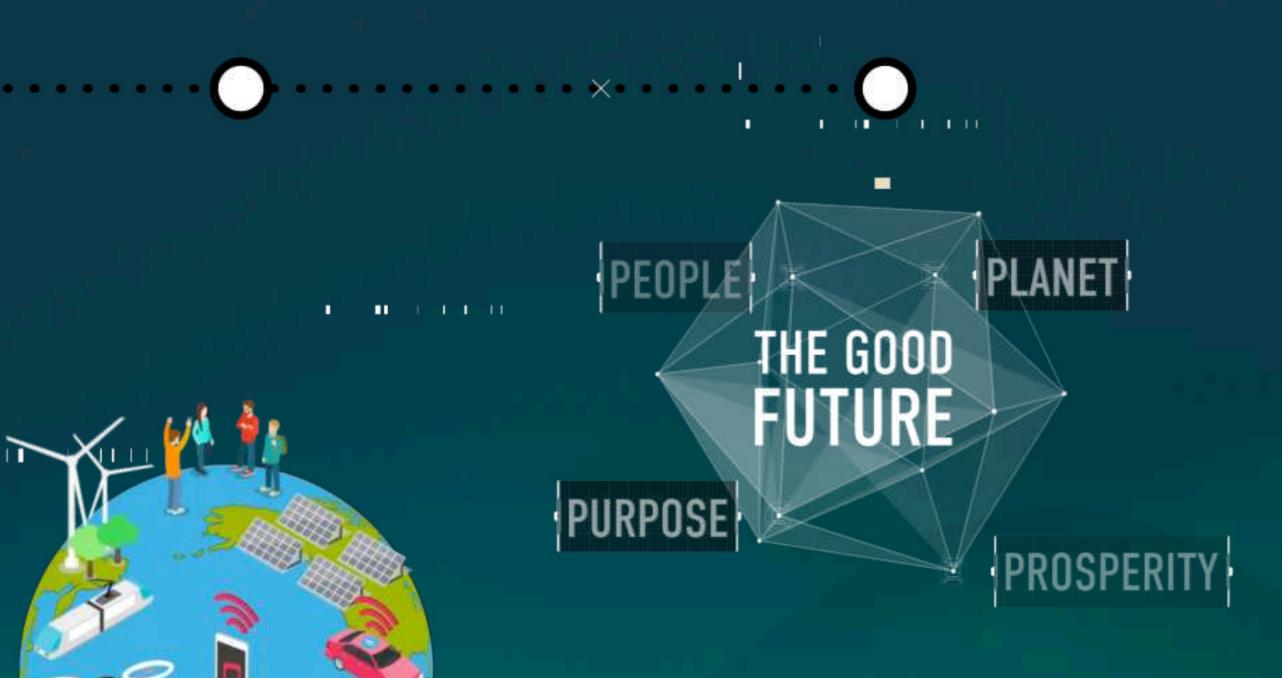
#### Digital Revolution(s): Exponential Change



Gerd

#### SUSTAINABILITY REVOLUTION

#### PURPOSE REVOLUTION



# Sustainability & Purpose: The current setbacks are catalysts not show-stoppers!







# #2 LOGIC OF THE PAST LOGIC OF THE FUTURE

#### Logic of the Past

Logic of the Future

Anthropocentrism

Respect for the full community of life

**National sovereignty** 

Collaborative sovereignty and human sovereignty

Primacy of national interest

Focus on the global commons

**Great power dominance** 

**Equitable distribution of power** 

Imperialism, racism, and patriarchy

**Equity and cosmopolitanism** 

**Neo-liberal economics** 

**Economics of human and planetary wellbeing** 

**Embrace of new technologies without restraint** 

Selectivity, global norms, and regulation



## "The greatest danger in times of turbulence is not the turbulence itself, but to act with yesterday's logic" (Peter Drucker)

Old Logic

New Logic

National sovereignty

Collaborative sovereignty and human sovereignty

Primacy of national interest

Focus on the global commons

Great power dominance

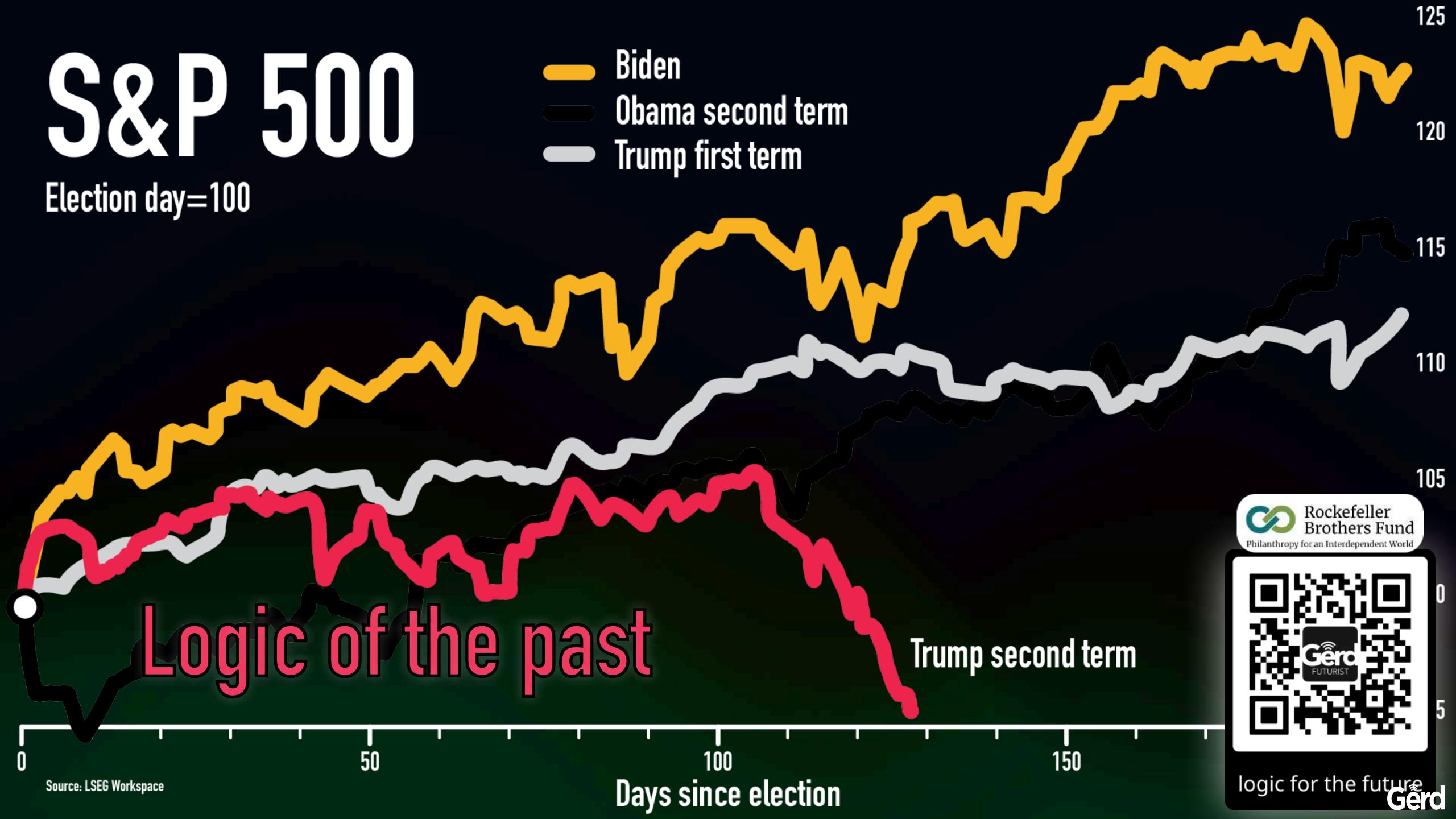
Equitable distribution of power

Imperialism, racism, and patriarchy

Equity and cosmopolitanism

Neo-liberal economics

Economics of human and planetary wellbeing



Yesterday's logic versus new logic: Huge Impact on the Financial Sectors

MEGA-CHALLENGE

**Economy** Climate

CULTURE

Boomer-centric

Millennial-centric

### Economy



#### Climate

Plateau will be reached in:

0-2 years

2-5 years

5-10 years

More than 10 years

Clean Building Materials

Solar PV Car/Ride-sharing

**Supply Chain and Logistics** 

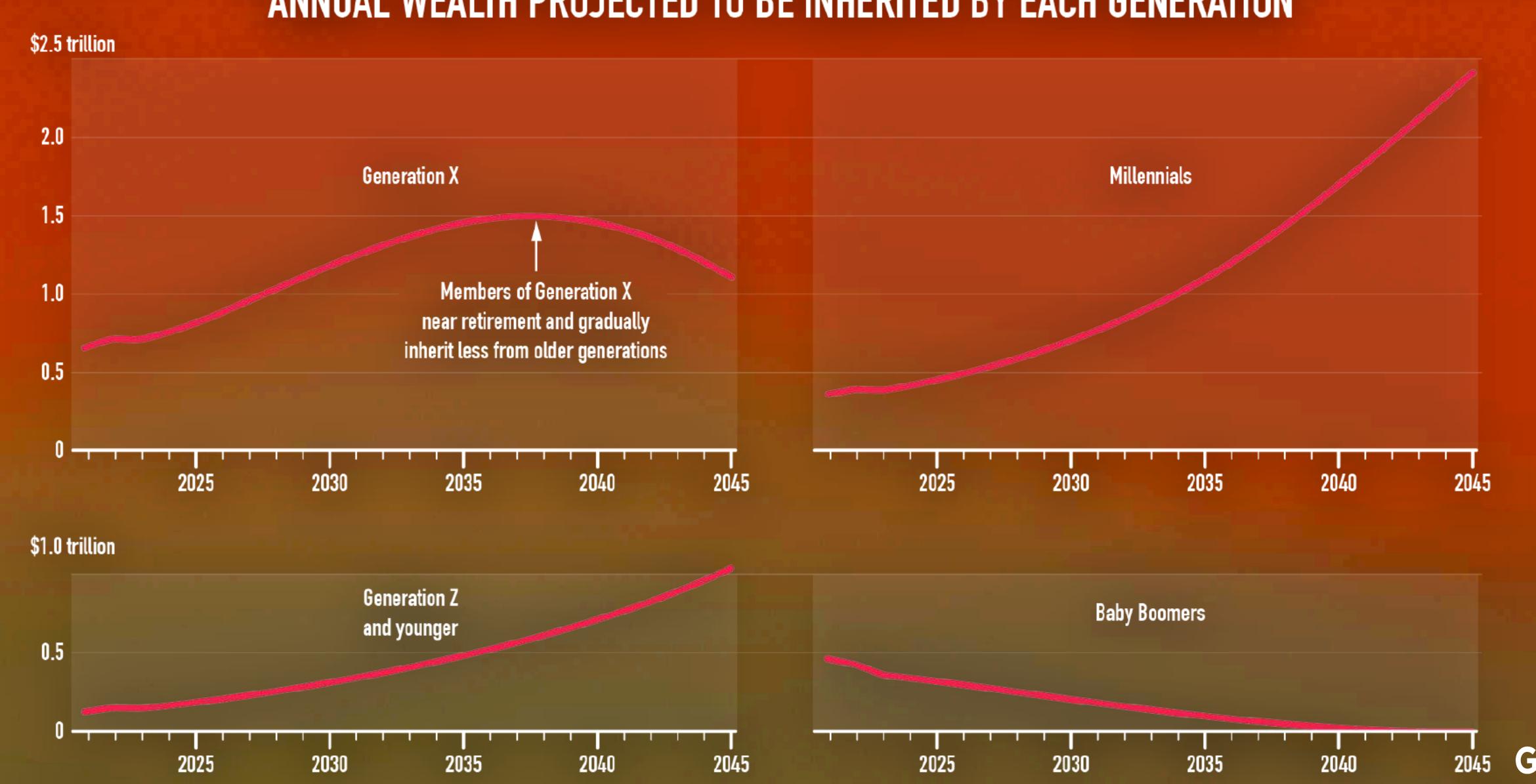


Wind

#### Boomer-centric

#### Millennial-centric

#### ANNUAL WEALTH PROJECTED TO BE INHERITED BY EACH GENERATION



## #3 MACHINES (AI, ROBOTS...) ARE NO LONGER STUPID

#### PROGRESS TO THE SINGULARITY IN AI

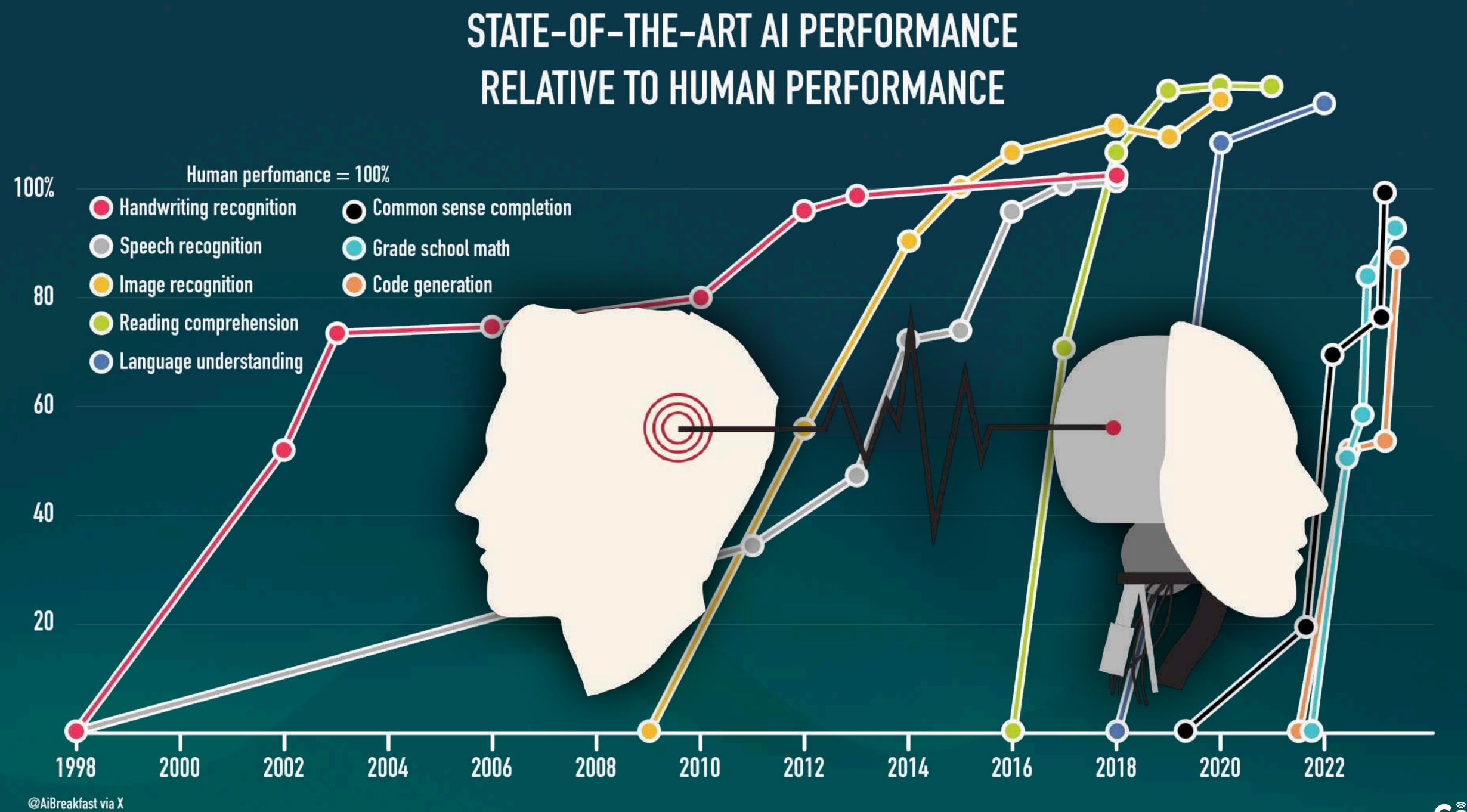
MEASURED USING TIME TO EDIT IN MACHINE TRANSLATION

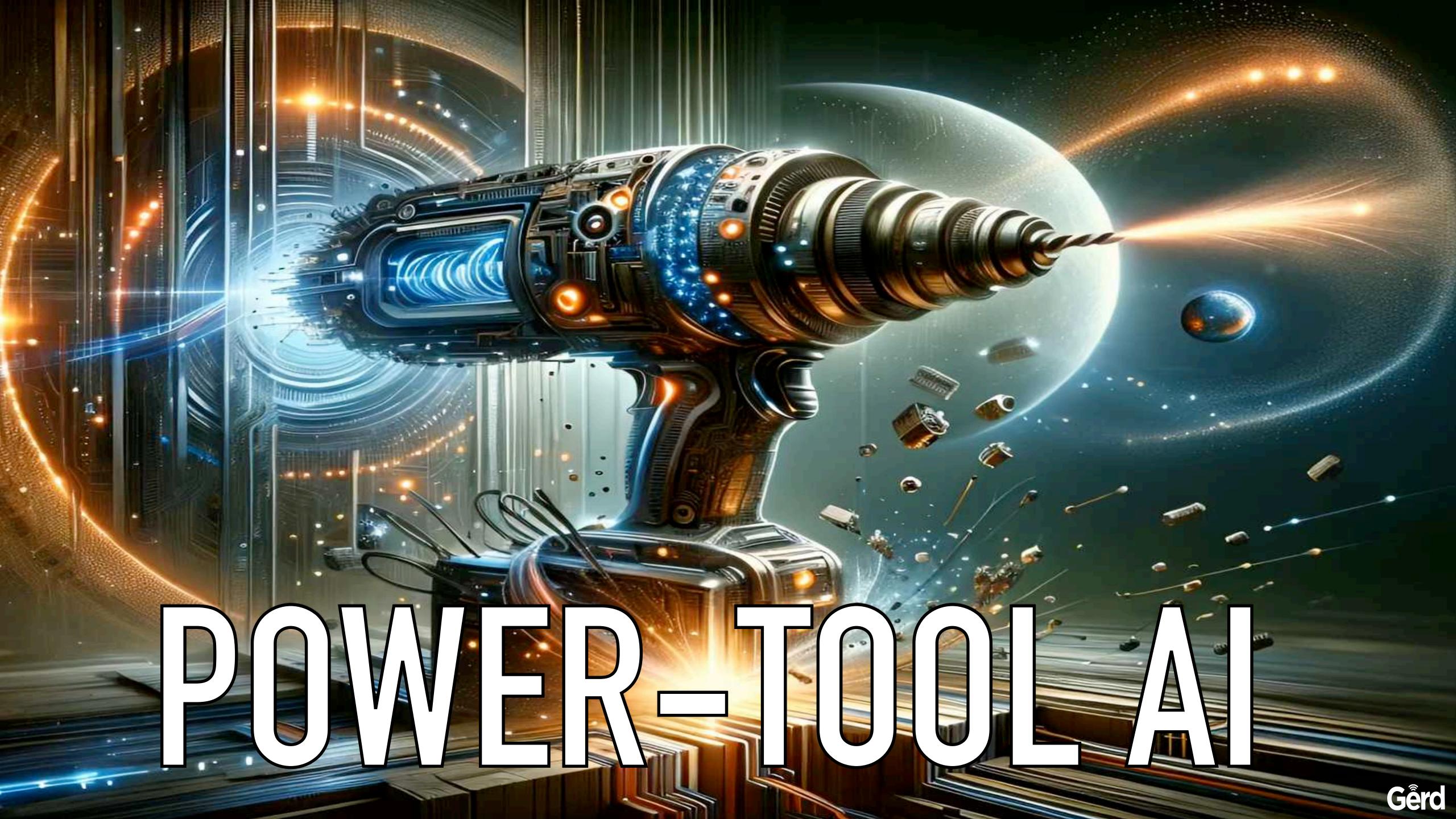


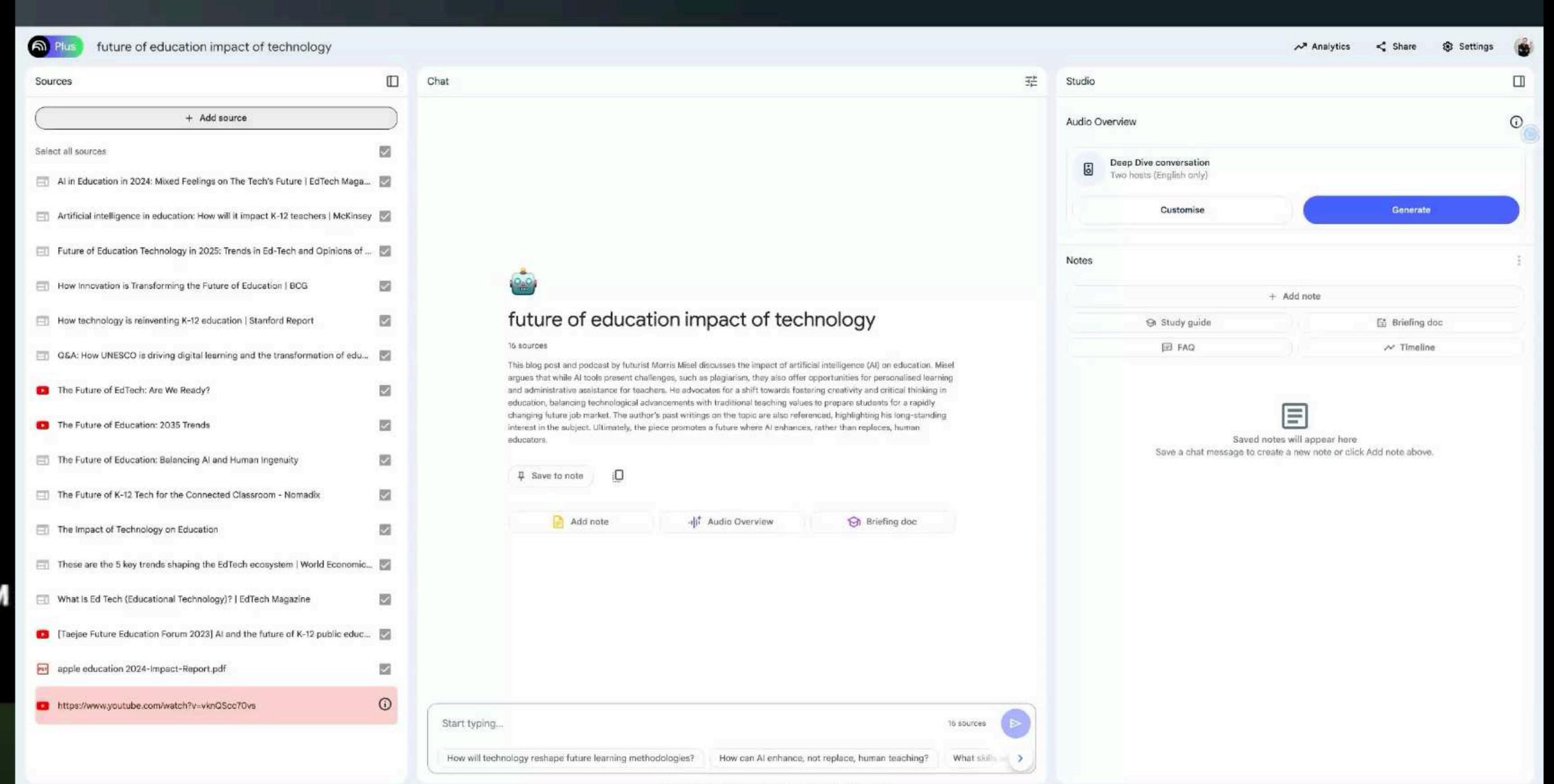
- TTE\* machine translations
- **Trend**

\*TTE = Time to edit, the average time per word taken by a professional to correct a translation. A perfect translation's TTE is 1 second.



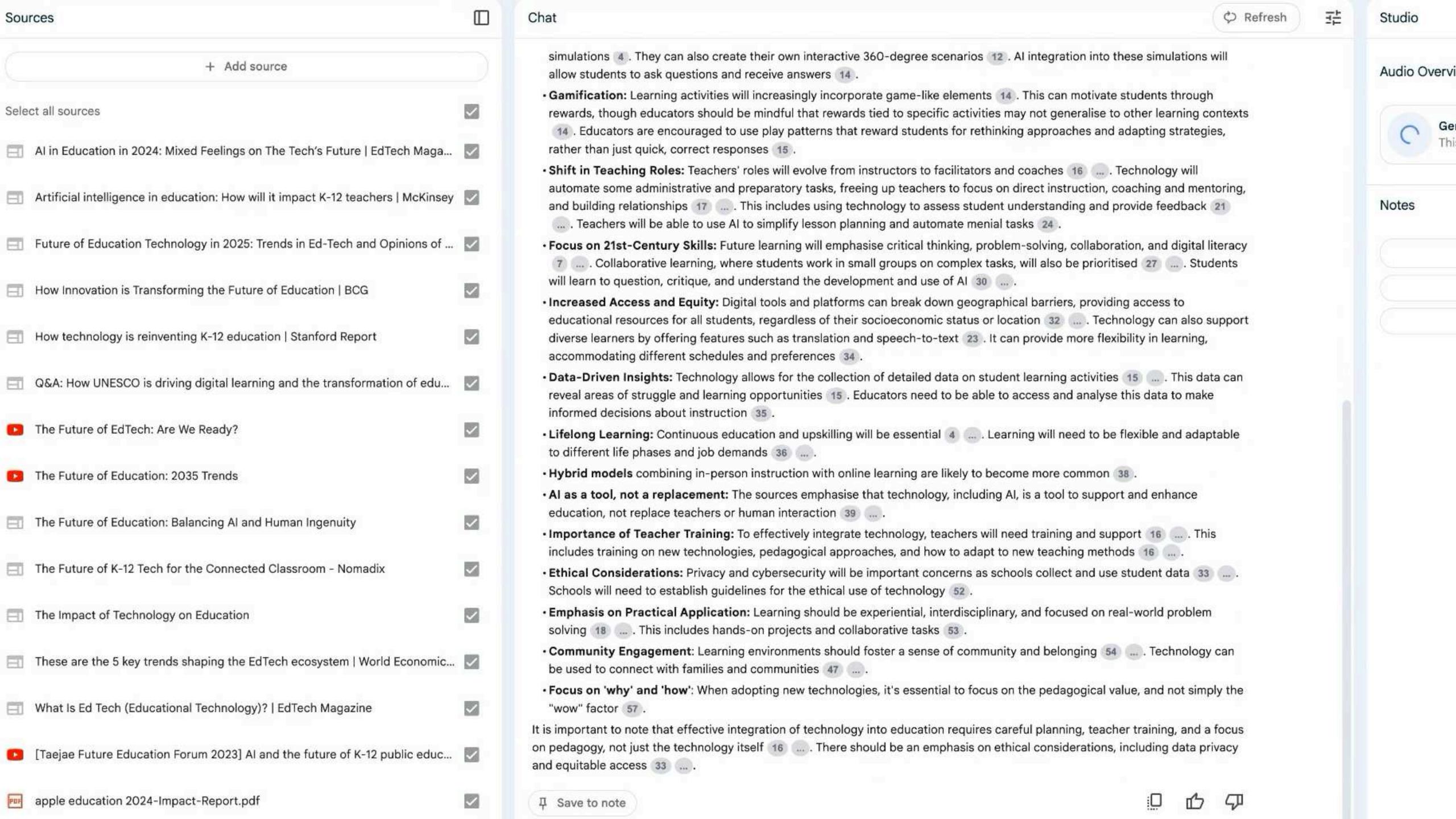


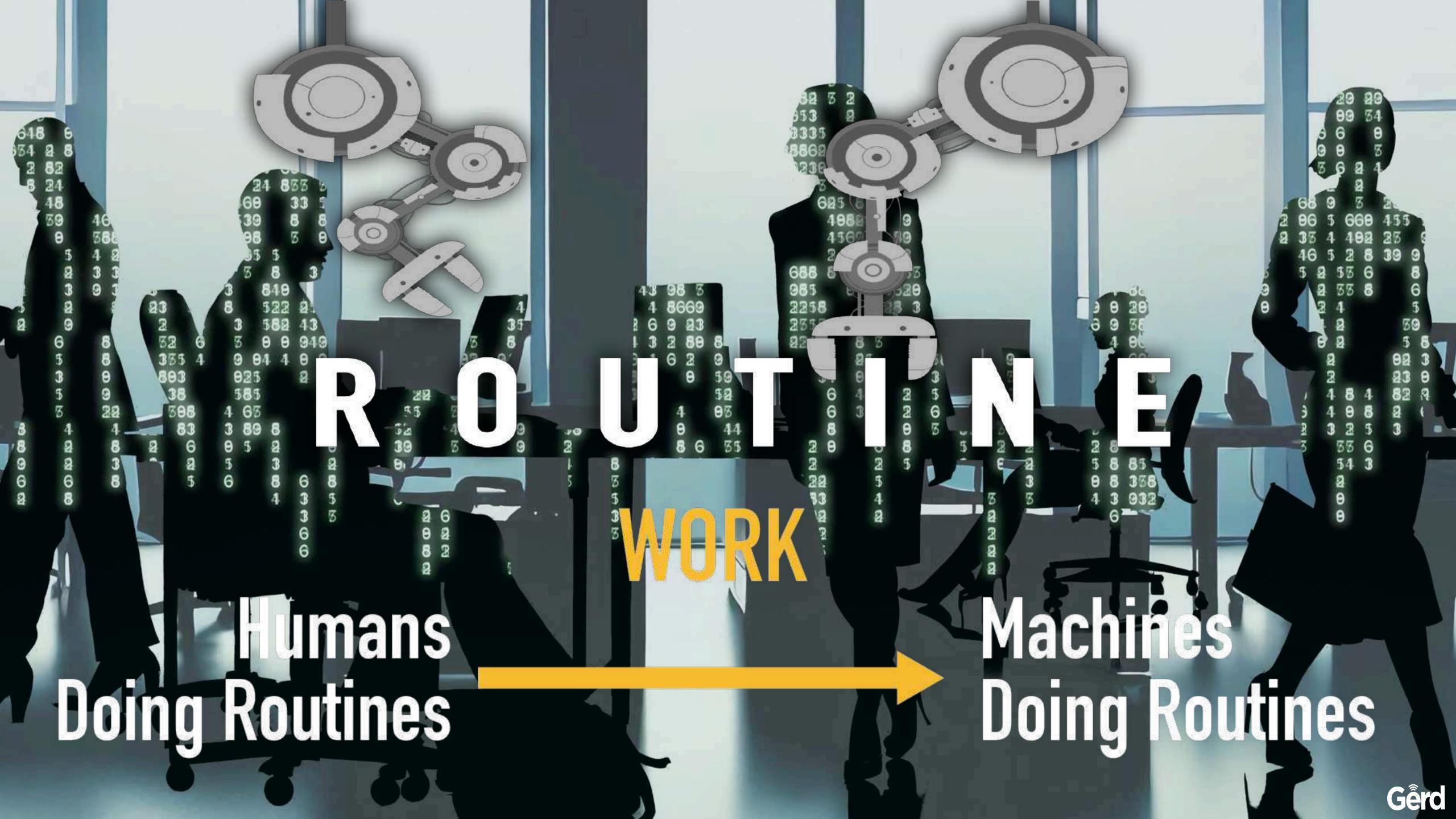




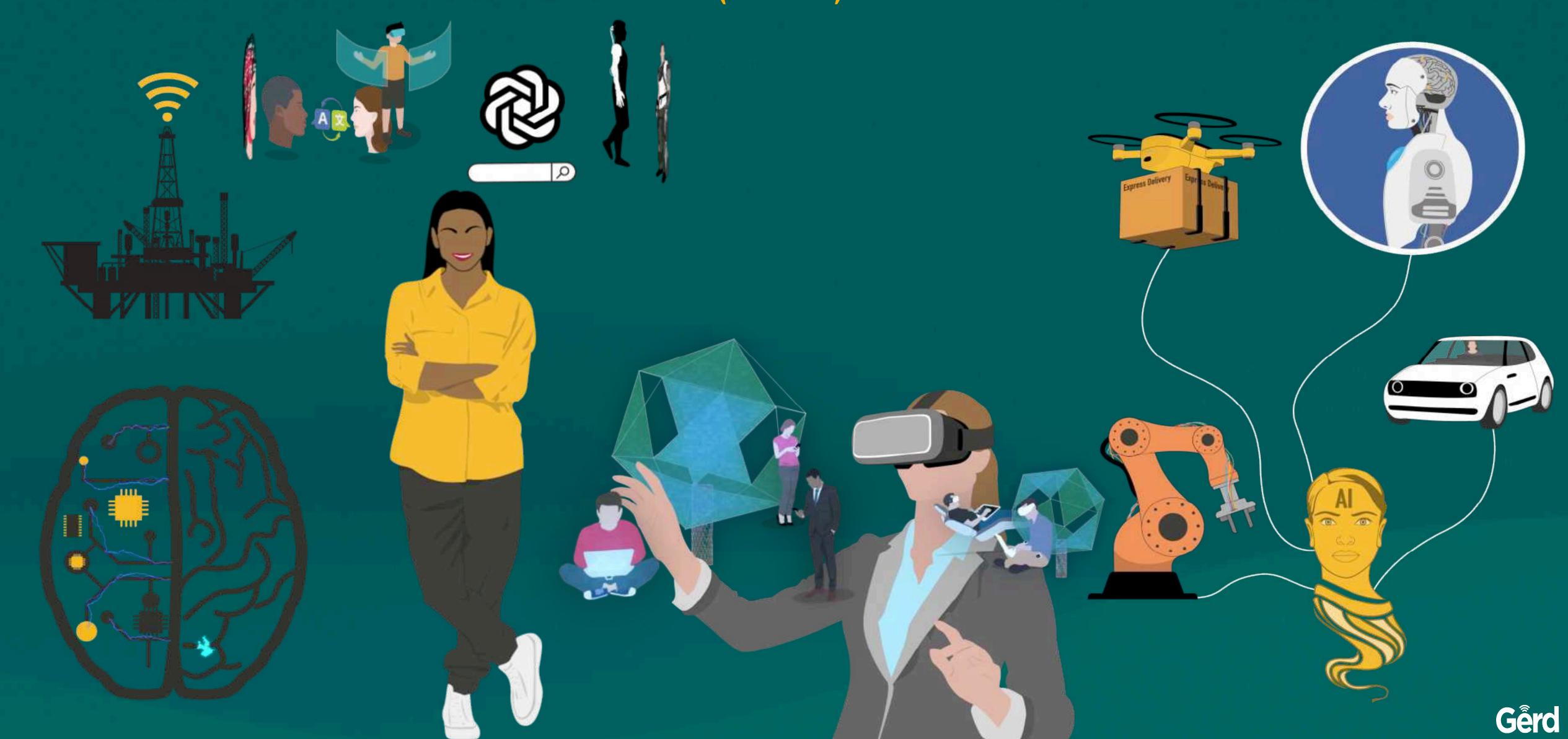
NotebookLM

NotebookLM can be inaccurate, please double-check its responses.





## TOOL AI: COGNIFICATION | AUGMENTATION | VIRTUALISATION | AUTOMATION (CAVA)



## Life is full of recurring charges.













An artificial intelligence AGENT is a system or program that is capable of AUTONOMOUSLY PERFORMING TASKS ON BEHALF OF A USER OR ANOTHER SYSTEM by designing its workflow, using a variety of available tools.

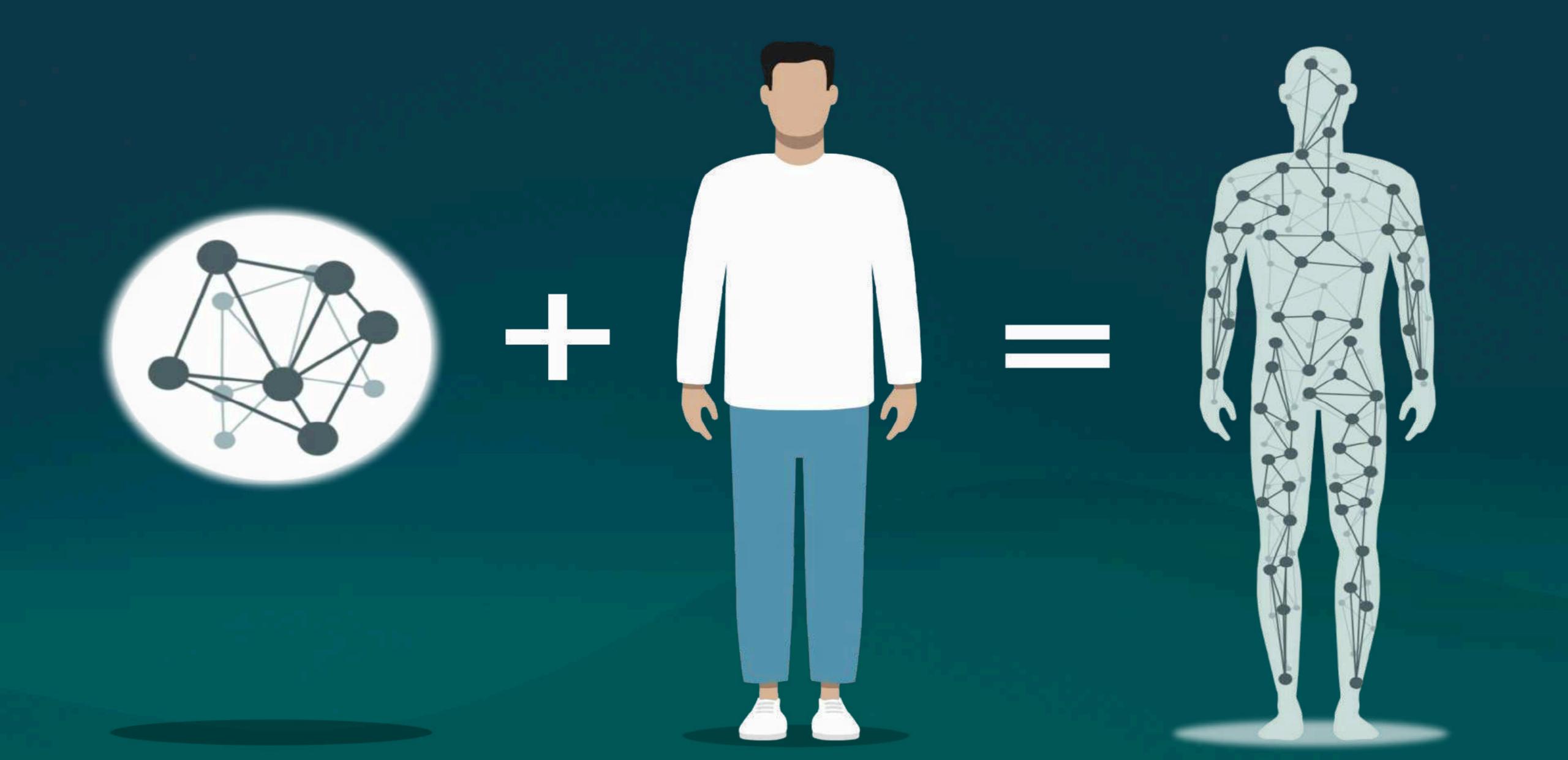




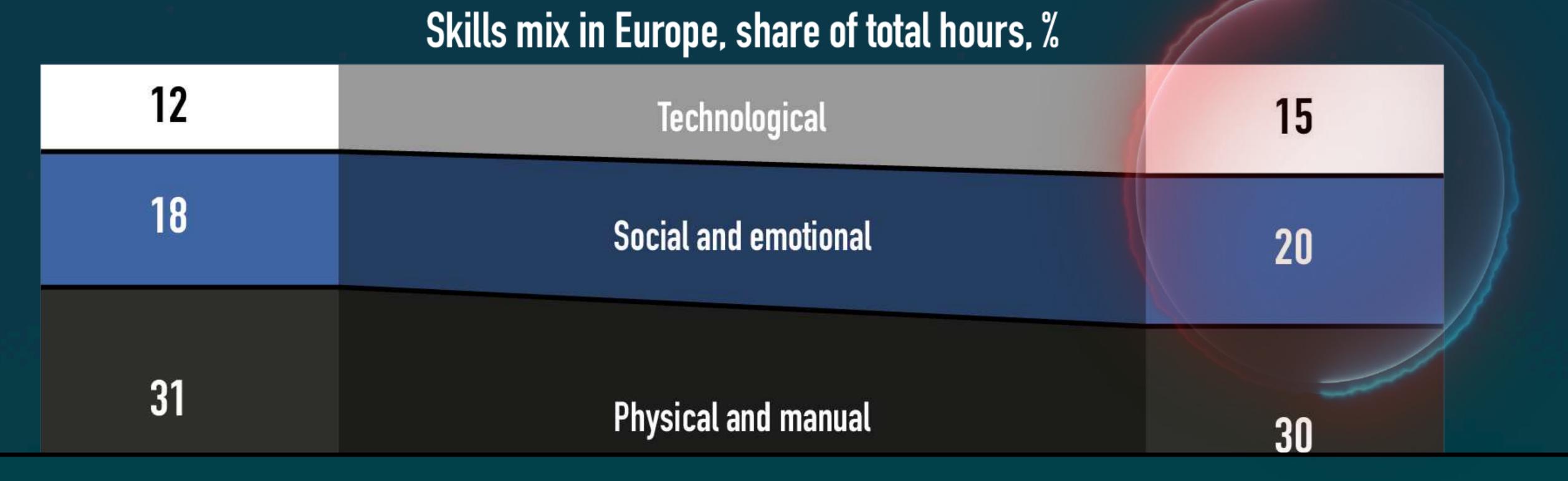
## Machines will do most of the routine work

We must prepare to move up to HUMAN-ONLY work

#### OK... but how far is too far? How much technology is 'good for us'?



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## "One machine can do the work of fifty ordinary (wo)men. No machine can do the work of one extraordinary (wo)man"

Elbert Hubbard (1901)



# IF YOU WORK / LEARN / THINK LIKE A ROBOT... A ROBOT WILL TAKE YOUR JOB

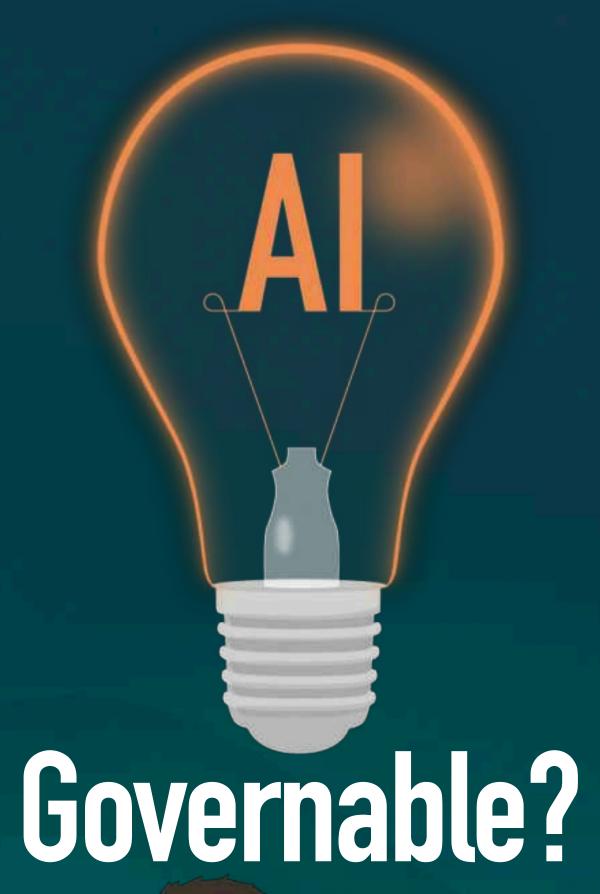


#### 出 分 子

Al Tools (servants) might be great\* but Al Masters (AGI) will be detrimental

# Innovative Disruptive Existential

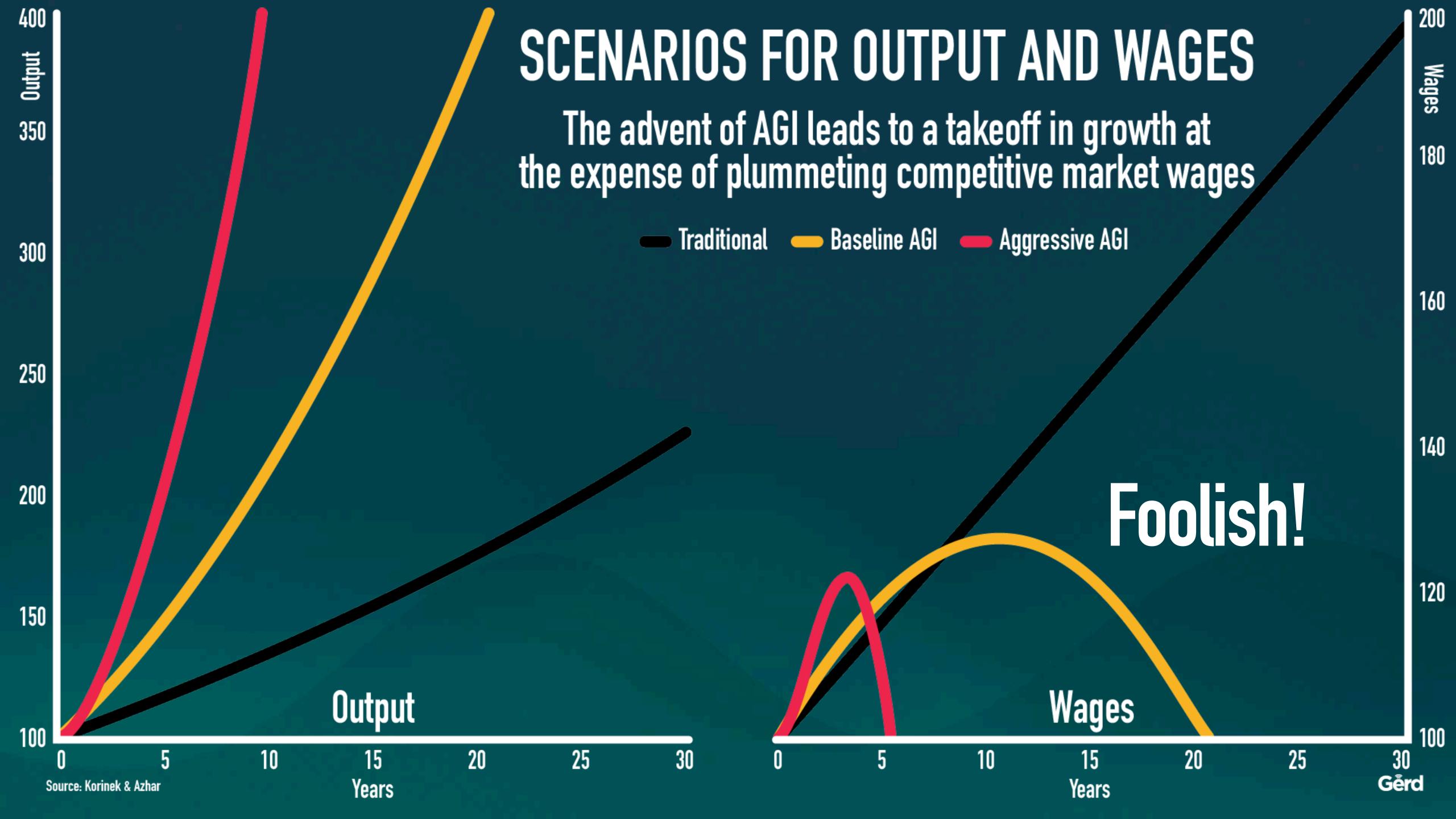


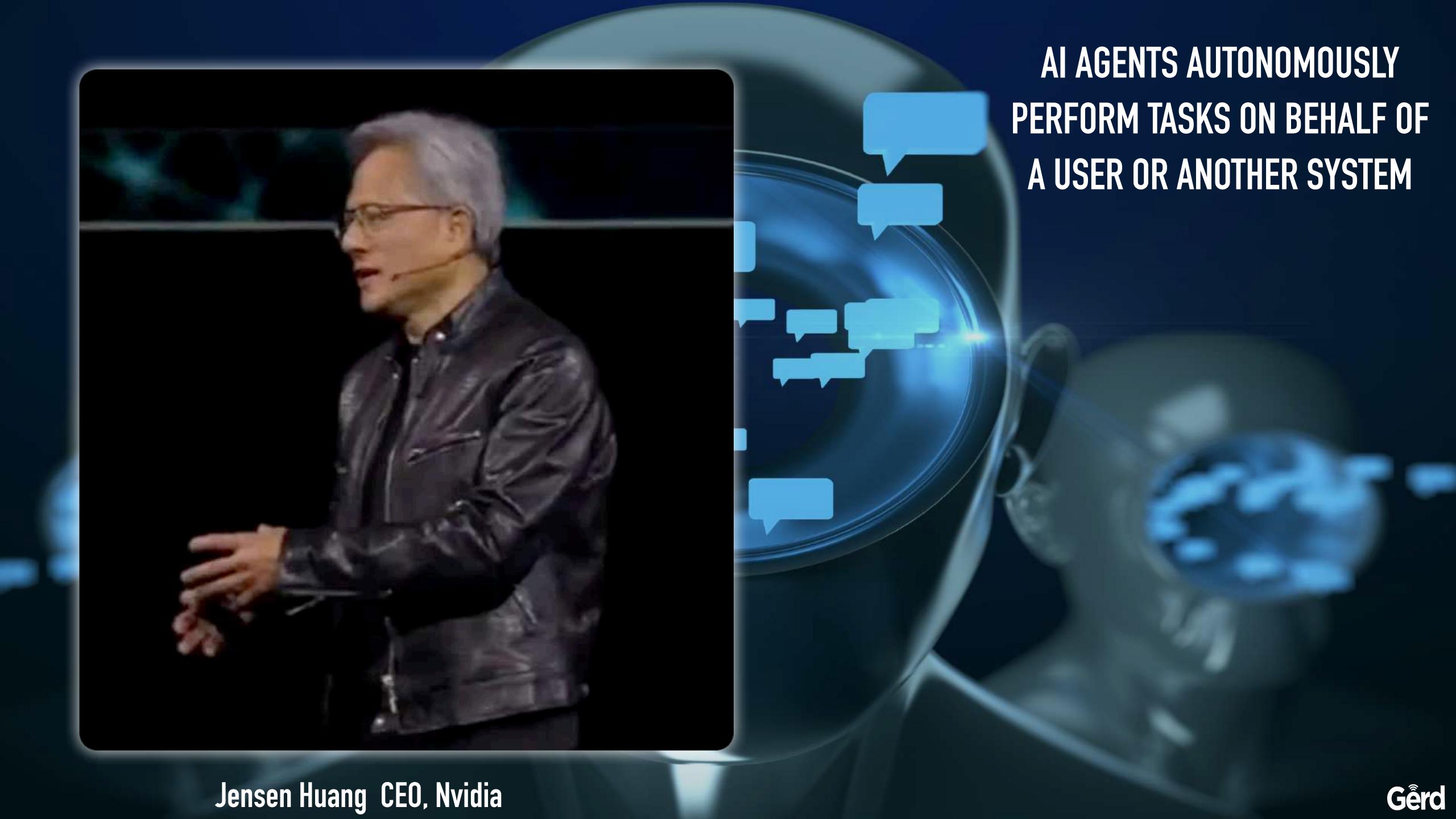














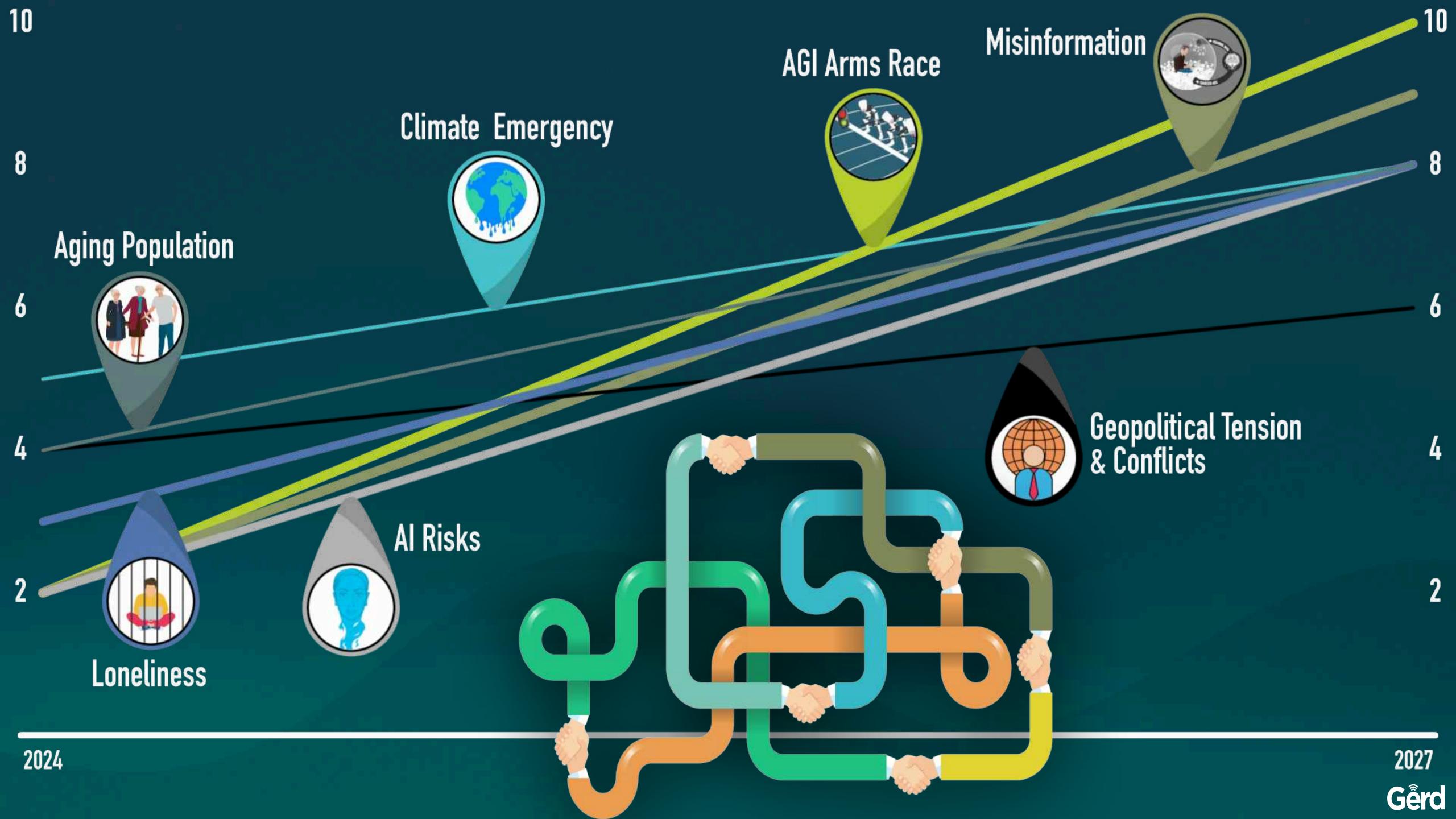
#### There are no winners in a race to AGI



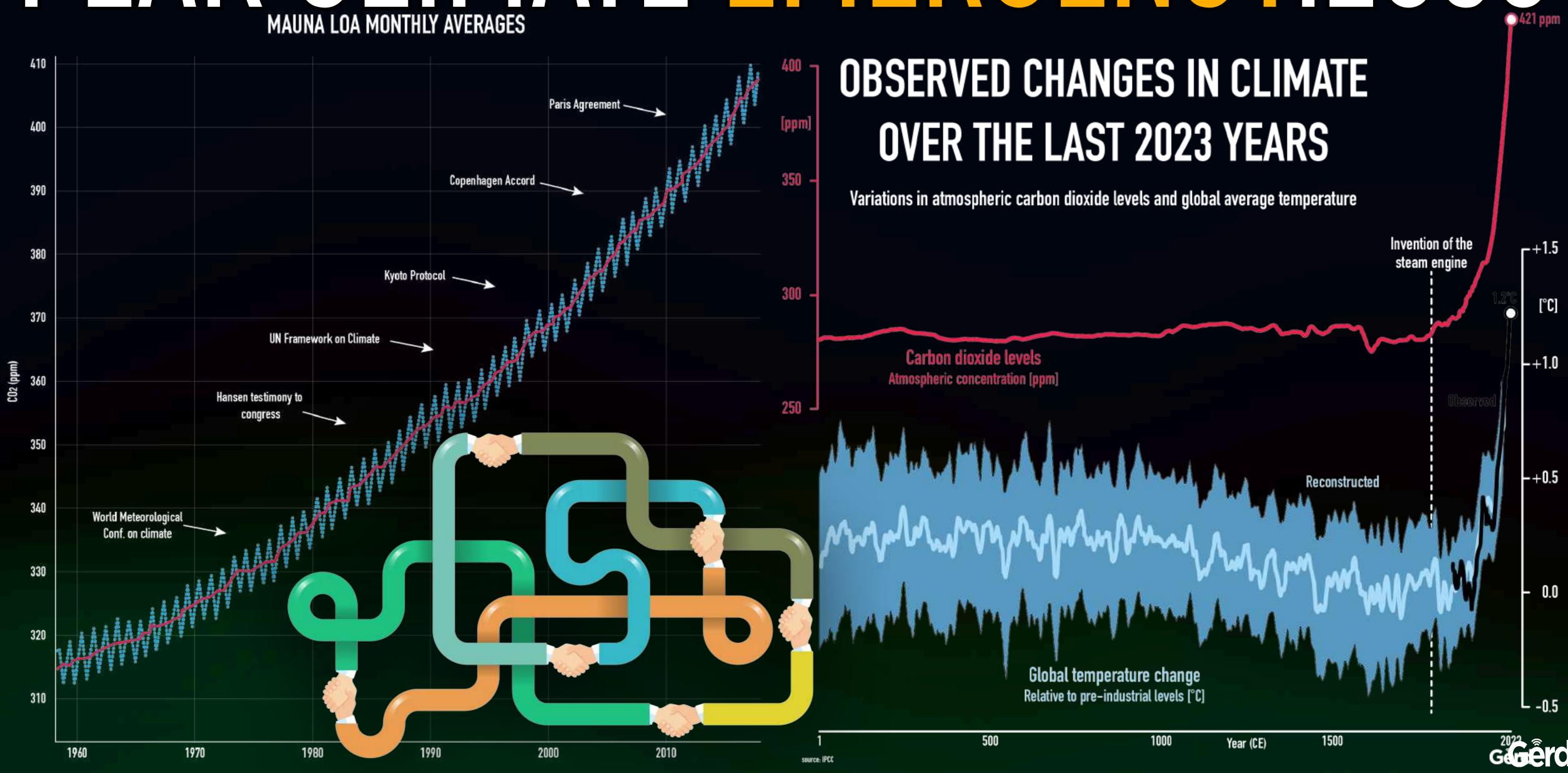


## #6

# Technology alone is NOT ENOUGH



### PEAK CLIMATE EMERGENCY:2030



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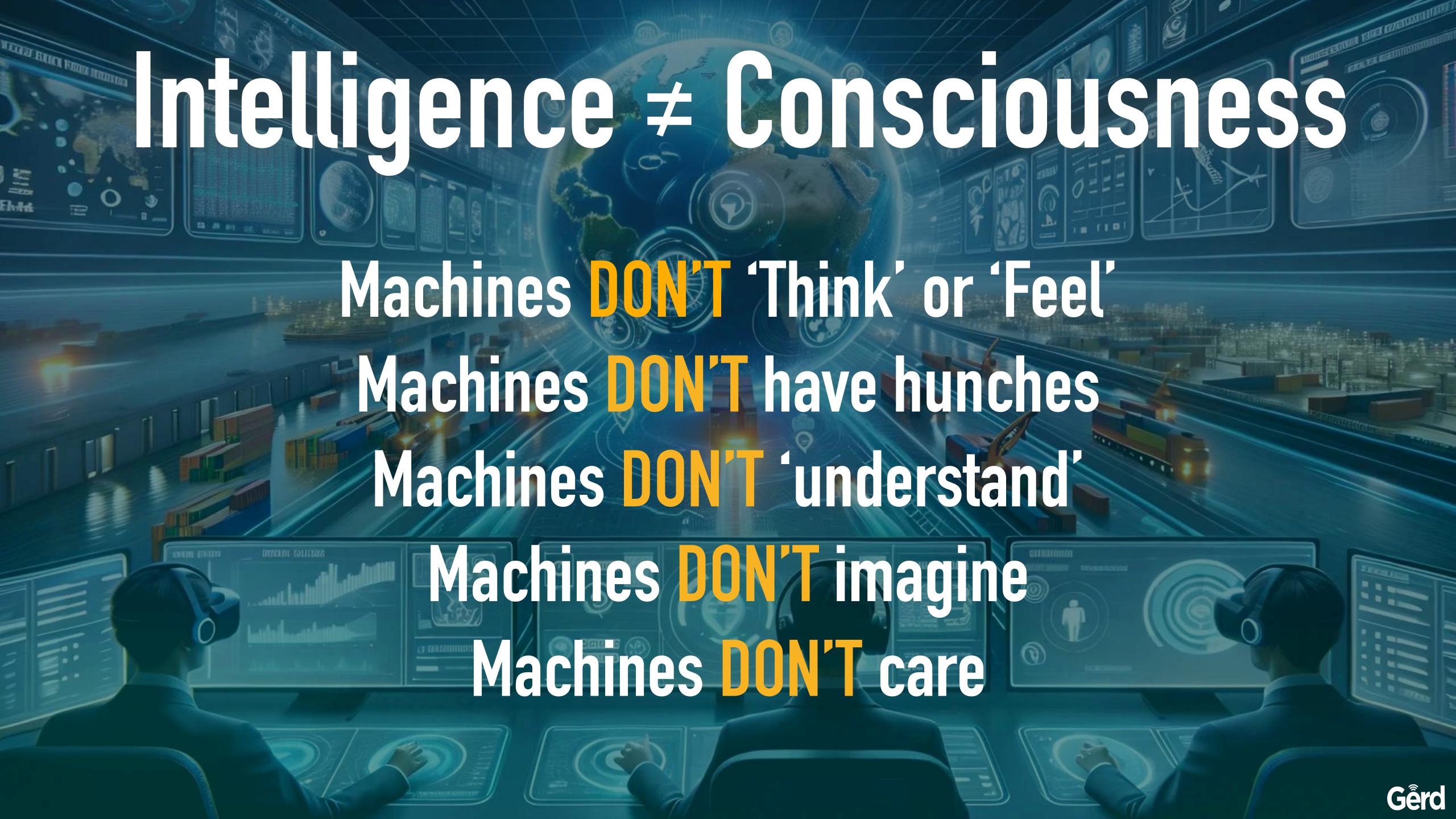
By 2050, climate change could put

\$26 trillion

in global financial assets at risk, forcing central banks to integrate climate risk into monetary policy.

(IMF)





#### Humans ≠ Machines



### Al: Pursue Competence not Consciousness



#### Summary and suggested action items

- Act with tomorrow's logic, not with yesterday's logic!
- Understand the 4 Revolutions: geopolitics, digital, sustainability, purpose / human
- Stay positive: "As you see the future, so you act; as you act so you become"
- Choose TheGoodFuture: "To do good is to generate happiness, to do evil is to generate pain"
- When rolling out AI products: a) pursue competence not consciousness b) keep the humans—in-the-loop (HitL) at all times c) Reminder: Too much of a good thing can be a very bad thing

GEOPOLITICAL REVOLUTION

DIGITAL REVOLUTION

SUSTAINABILITY REVOLUTION PURPOSE REVOLUTION Gerc

# Thanks for your time and attention!

"We are to be architects of the future, not its victims" (Buckminster Fuller)









**Gerd Leonhard, Futurist** & CEO The Futures Agency



TVH Book English



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