Towards 2030: Education, Work, Technology and The Future







Gerd Leonhard, Public Thinker & Futurist









www.thegoodfuturefilm.com

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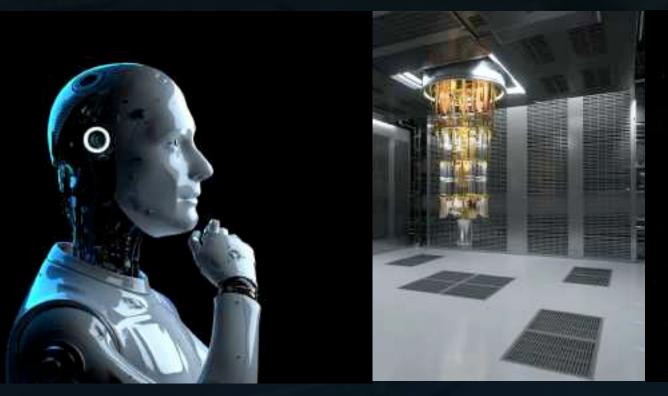
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6 Exponential Technologies that will change EVERYTHING



Quantum A **Nuclear Fusion**

Syn-Bio Genome Editing Geo-Engineering







DIGITAL REVOLUTION







Economy

Humans **Doing Routines**

SUSTAINABILITY REVOLUTION

PURPOSE REVOLUTION

6





MEGA-CHALLENGE Planet WNRK

Machines Doing Routines Gêrd





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PROFIT GROWTH



PEOPLE PLANET PURPOSE PROSPERITY





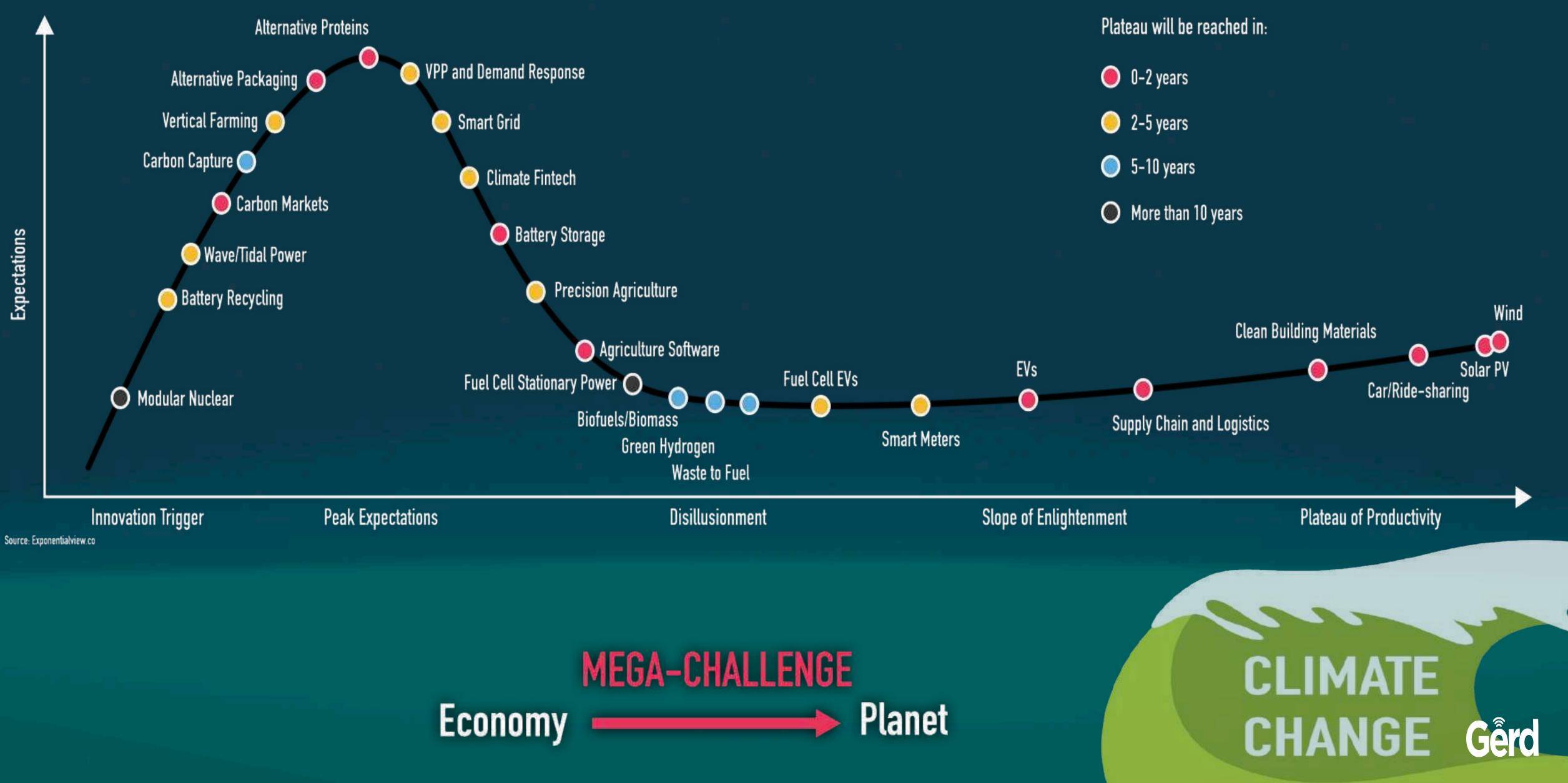
ARTIFICIAL INTELLIGENCE

PEOPLE

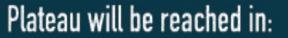
CLIMATE CHANGE

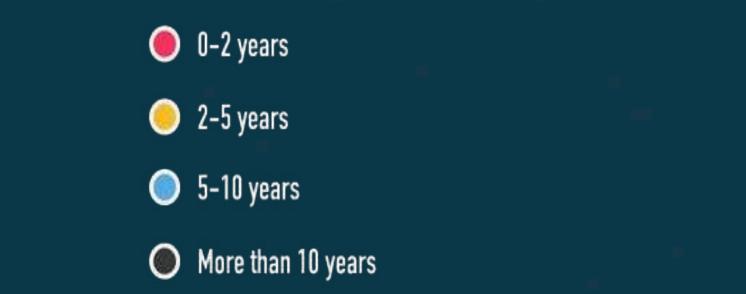


SELECT CLIMATE TECH INNOVATION HYPE CURVE













Science and Technology alone is NOT ENOUGH

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Climate Emergency Default by 2025: You ain't seen nothing yet!

Lufthansa to charge up to €72 per ticket to cover climate costs

The surcharge goes into effect for tickets booked from June 26 and departing from European countries.

C SHARE

'Personal carbon allowances' could restrict how often you travel, according to a new report

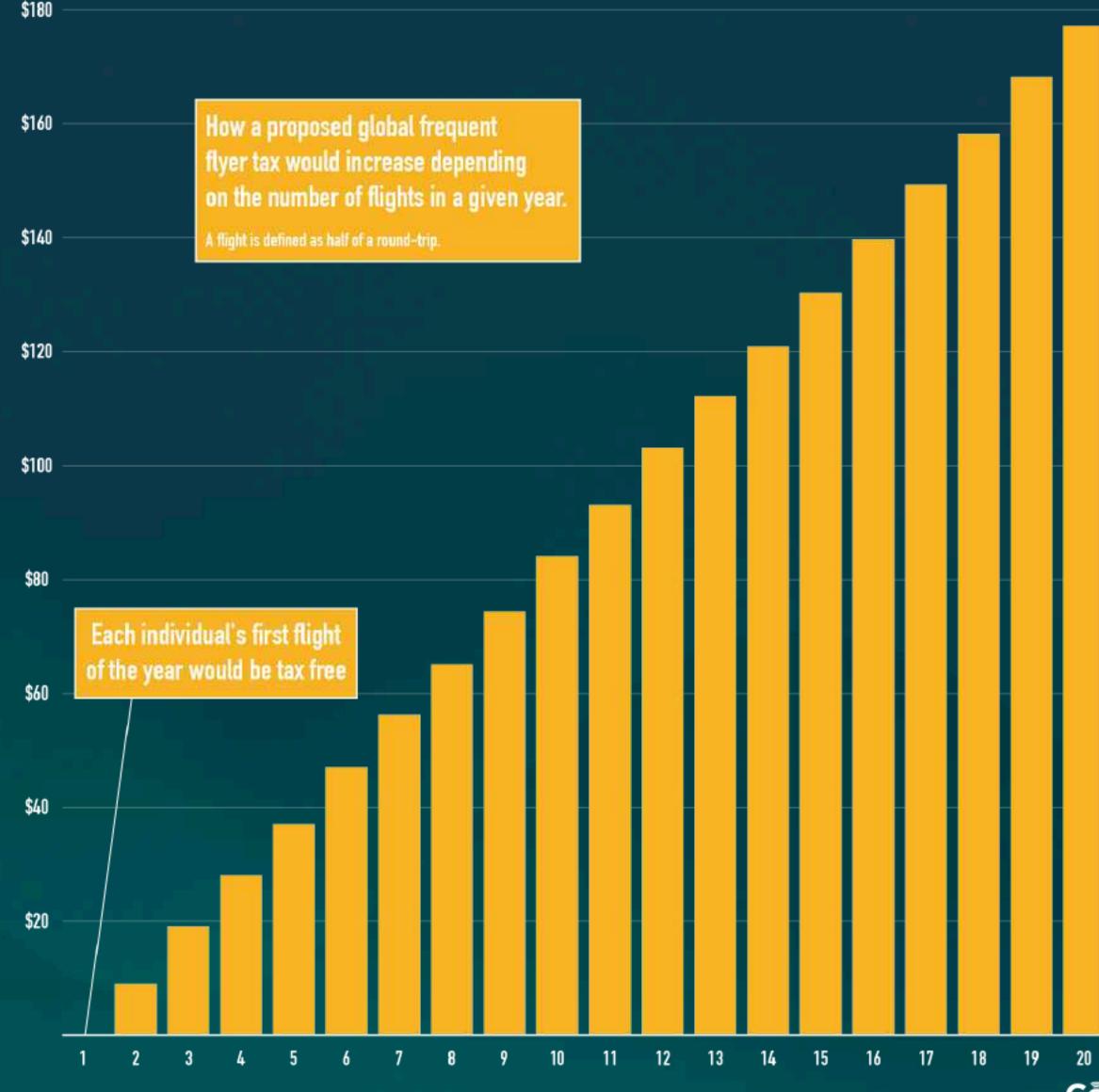
A report by a travel company says the climate crisis is no longer a distant threat, and we need to stop treating it like one

'Tax beef' - Denmark finds ways to tackle climate change

29/08/2023 - 19:00 GMT+2



PROGRESSIVE FREQUENT FLYER TAX

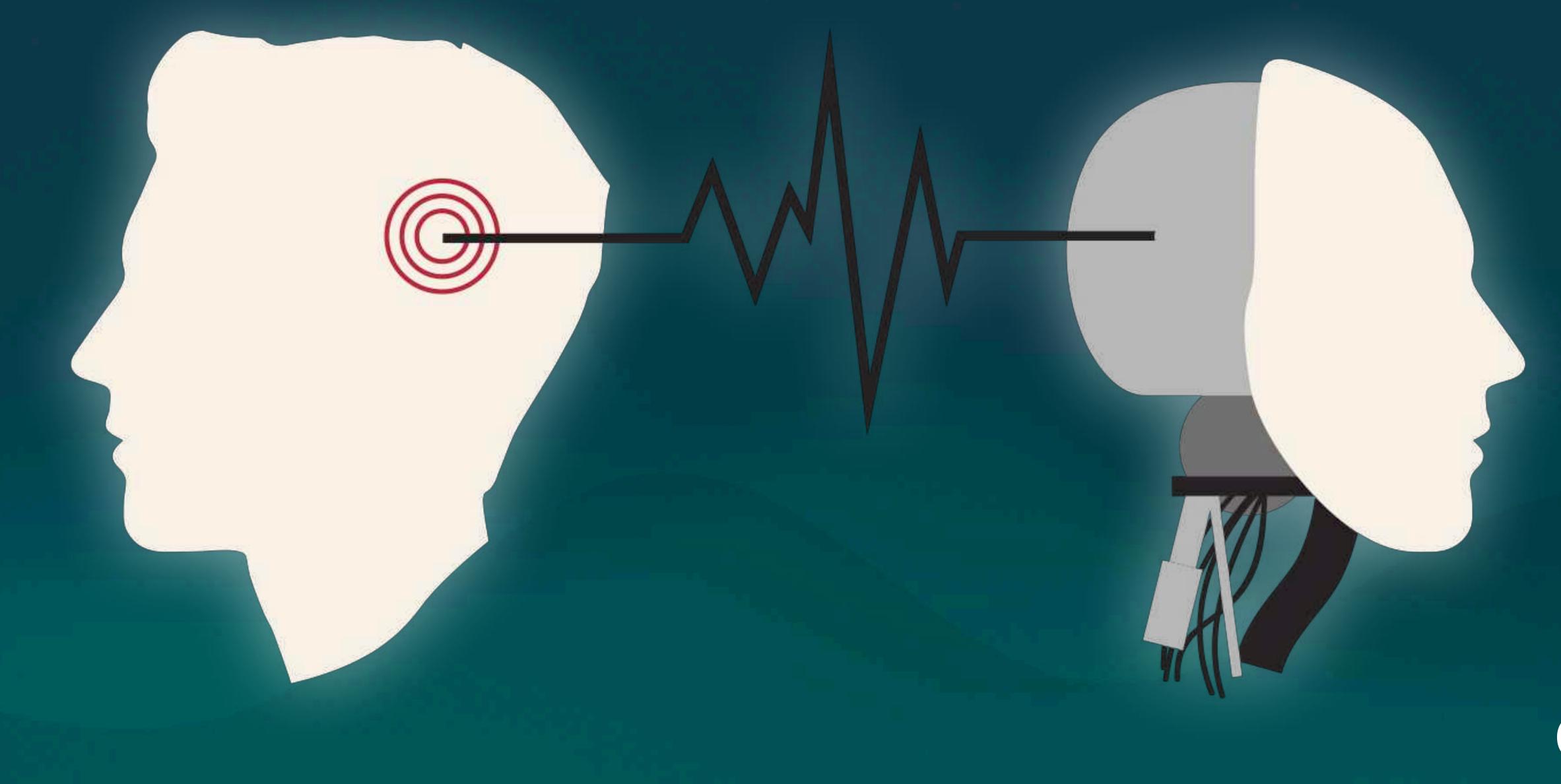


Source: International Council on Clean Transportation



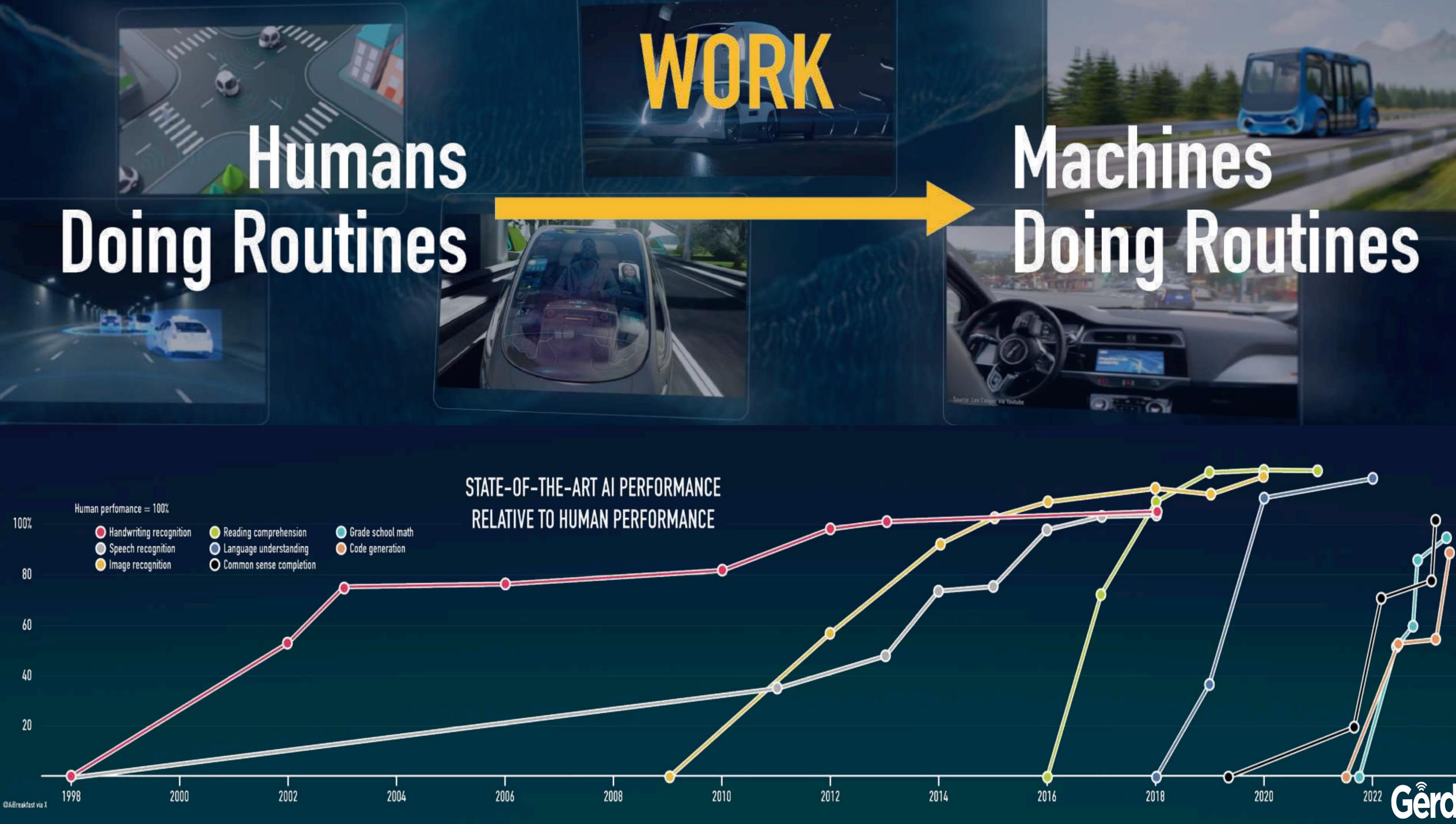


Al: "Computer systems that turn information and data into KNOWLEDGE









EDUCATION AS WE KNOW IS UNFIT FOR

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BEYOND KNOWLEDGE*







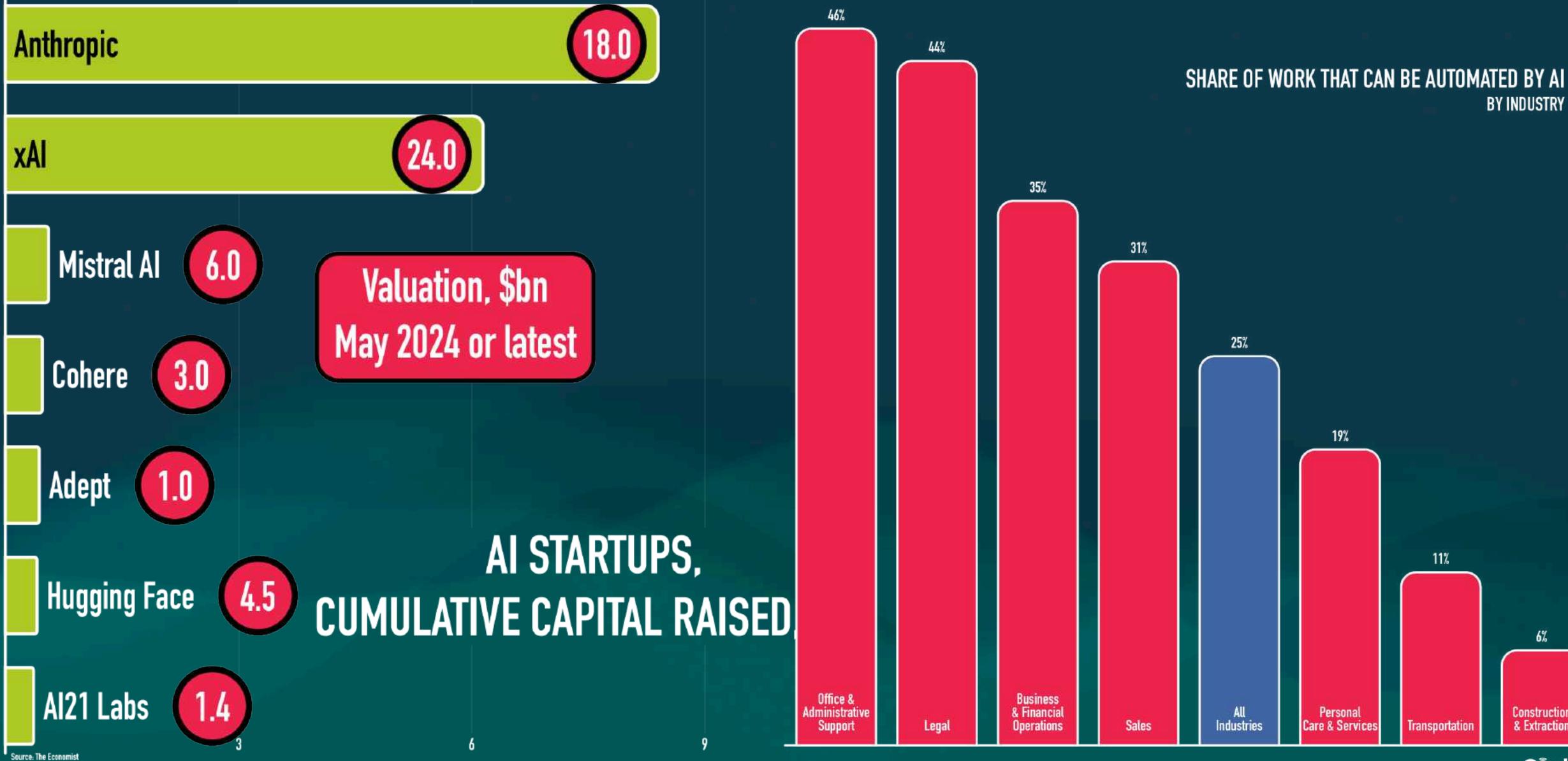
Science echnology Engineering **Mathematics**

umanity **Ethics** Creativity magination Gero





OpenAl

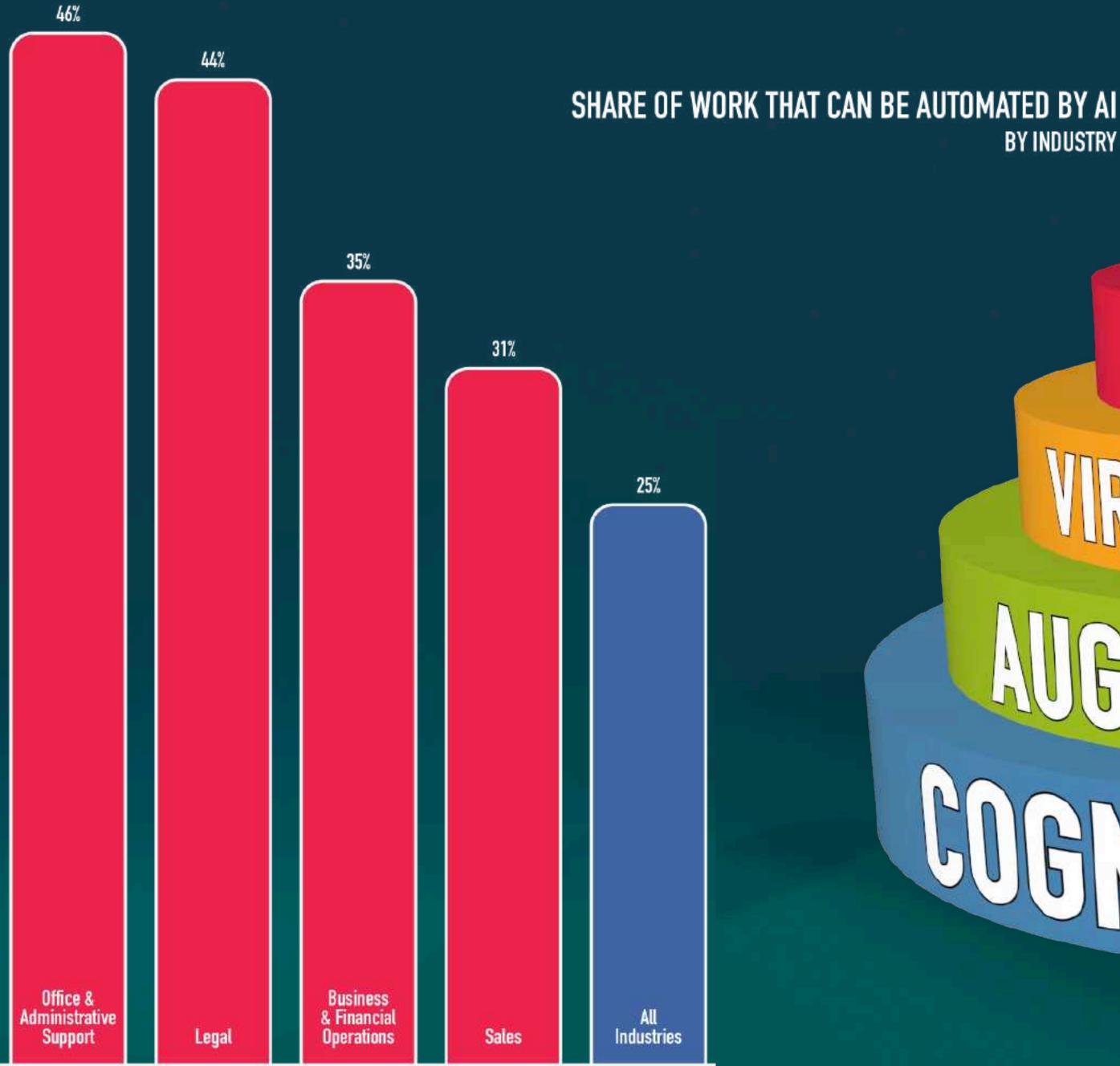








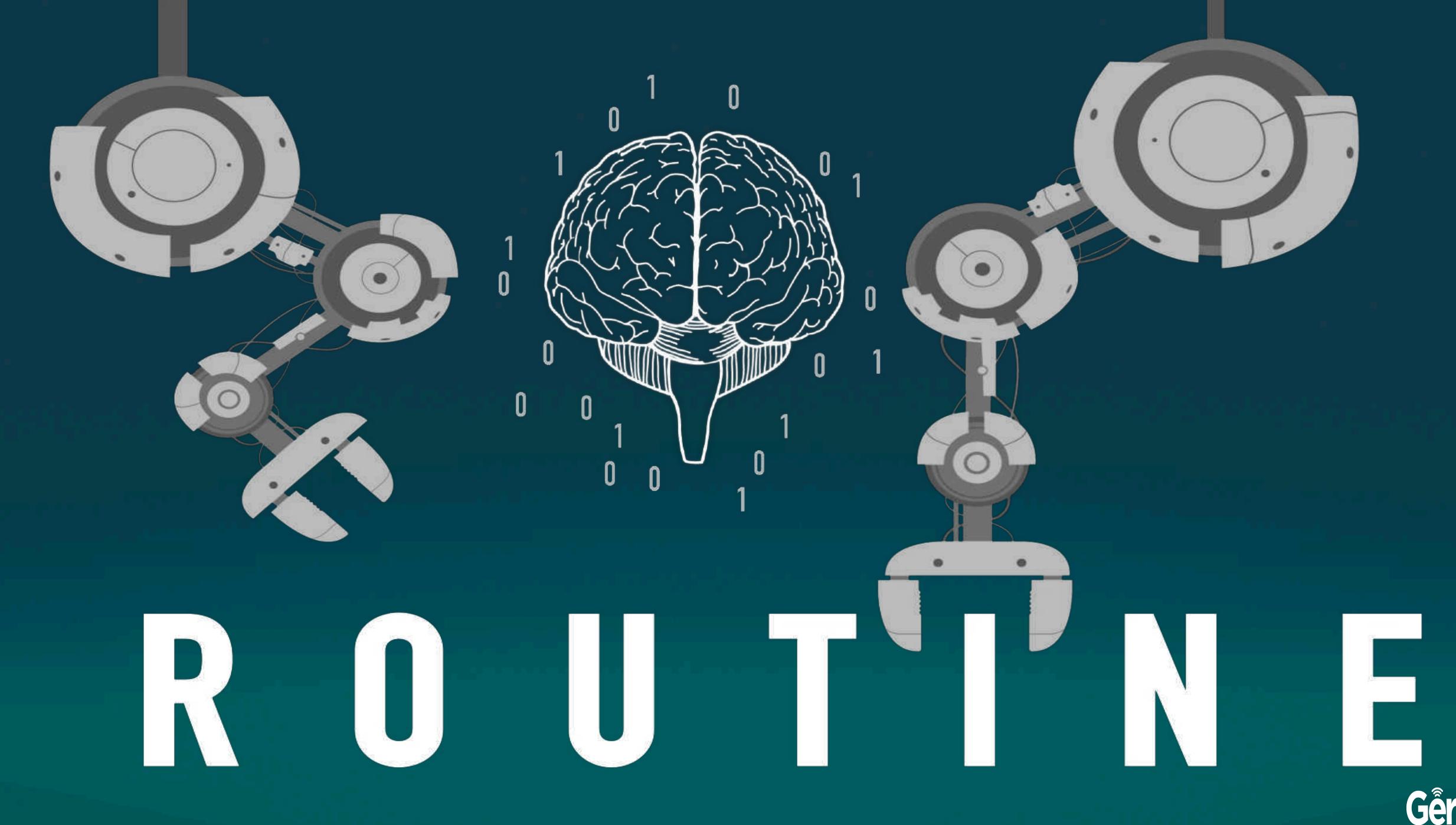
Gerd



BY INDUSTRY

AUTOMATION VIRTUALISATION AUG' JIFICAIL





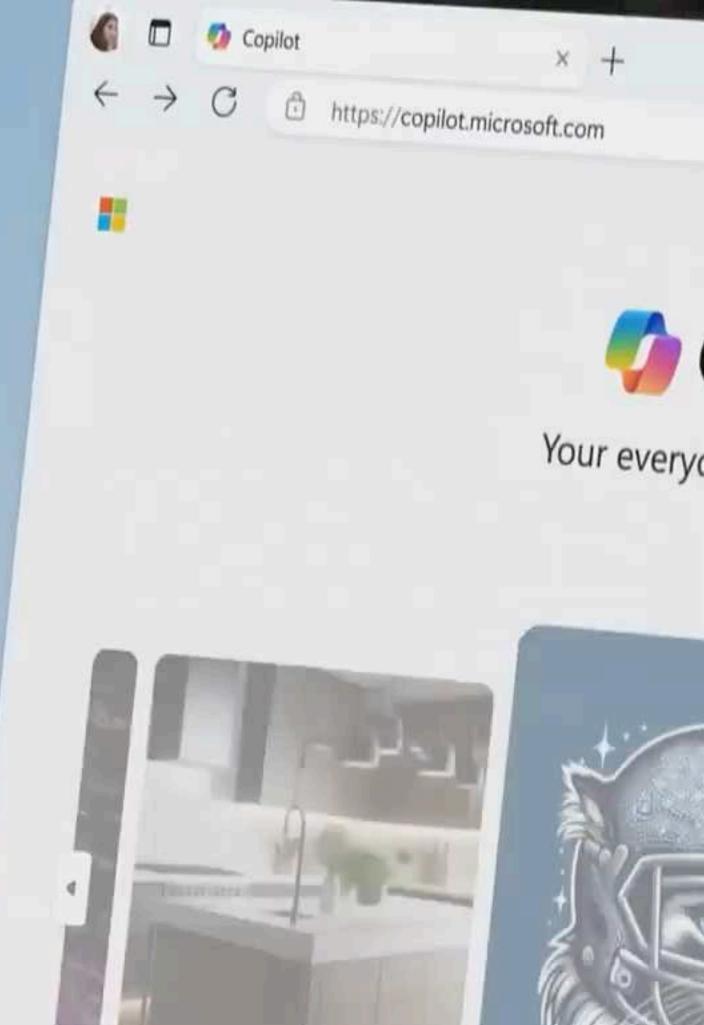


GENERATIVE AI / GENAI: Software/AI that can turn data, information and binary, explicit knowledge into CONTENT & MEDIA

SORA AI







Design a kitchen island for my remodel that features dark wood and a white countertop

Create a logo for my fantasy football team featuring an animal wearing a helmet

Q Search

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Copilot

Your everyday AI companion

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Develop a unique menu centered around avocados to serve at my watch party



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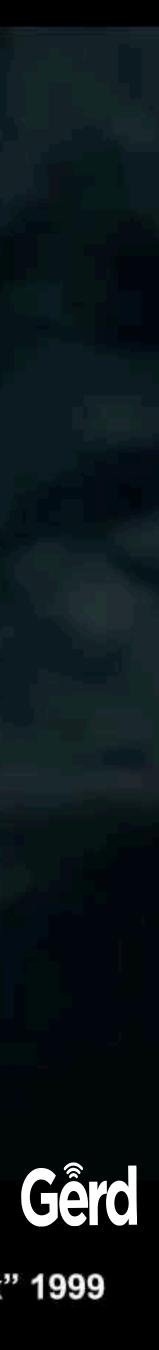
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Wanda Howard

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"The Matrix" 1999





The Future of Human Work: Beyond Data, Information and *Knowledge PURPOSE Human E WISDOM UNDERSTANDING Turf TACIT KNOWLEDGE DEEPER KNOWLEDGE ? Machine INTELLECTUAL KNOWLEDCE/LOGIC Turf ! **DATA AND INFORMATION**













KNOWLEDGE WITHOUT WISDOM IS LIKE WATER IN THE SAND Machines DON'T 'Think' or 'Feel' Machines DONT have hunches Machines DON'T 'understand' Machines DONT imagine Machines DON'T care







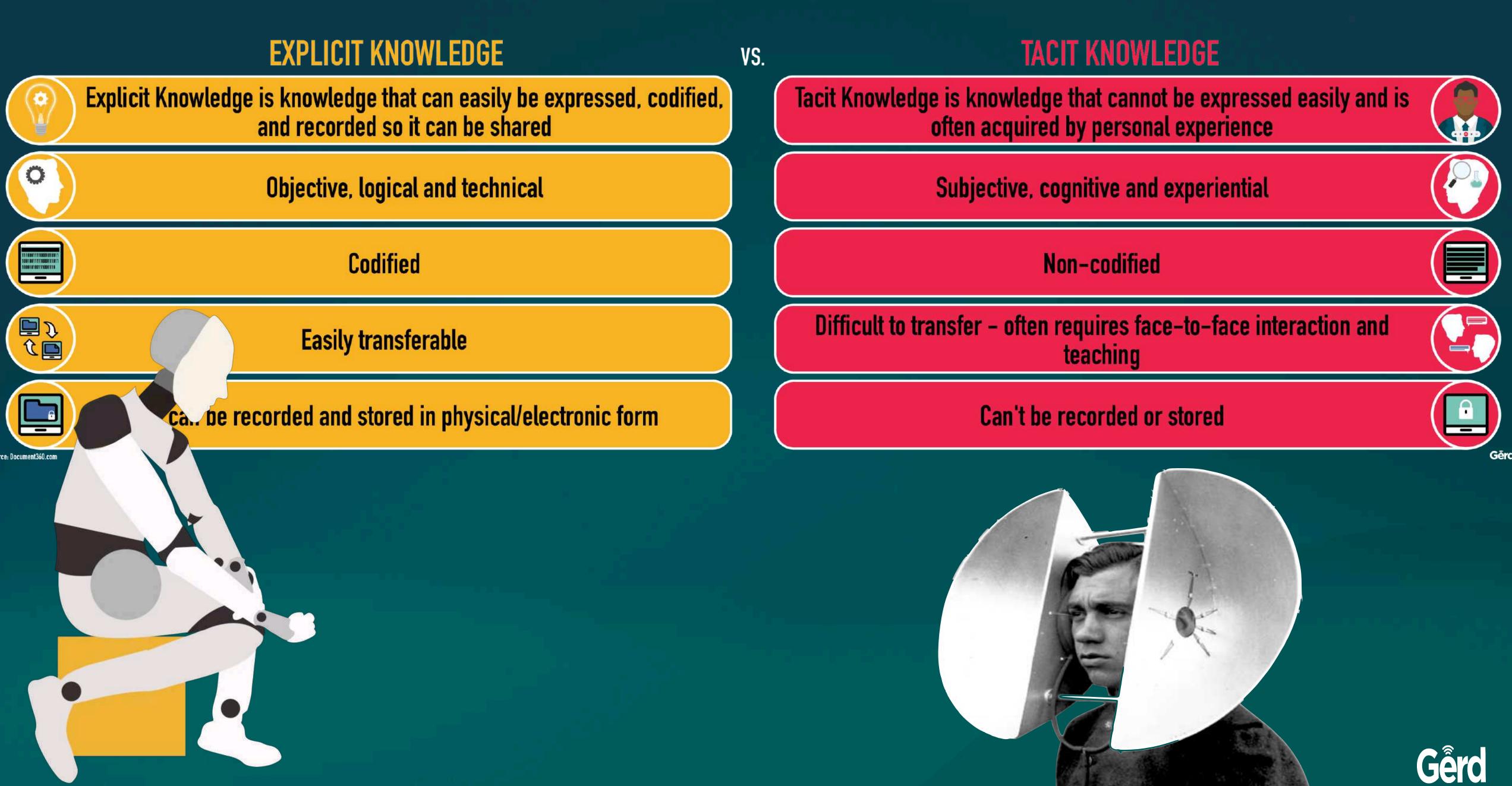












Human-Only Work is our Future TACIT KNOWLEDGE

Tacit Knowledge is knowledge that cannot be expressed easily and is often acquired by personal experience

Subjective, cognitive and experiential

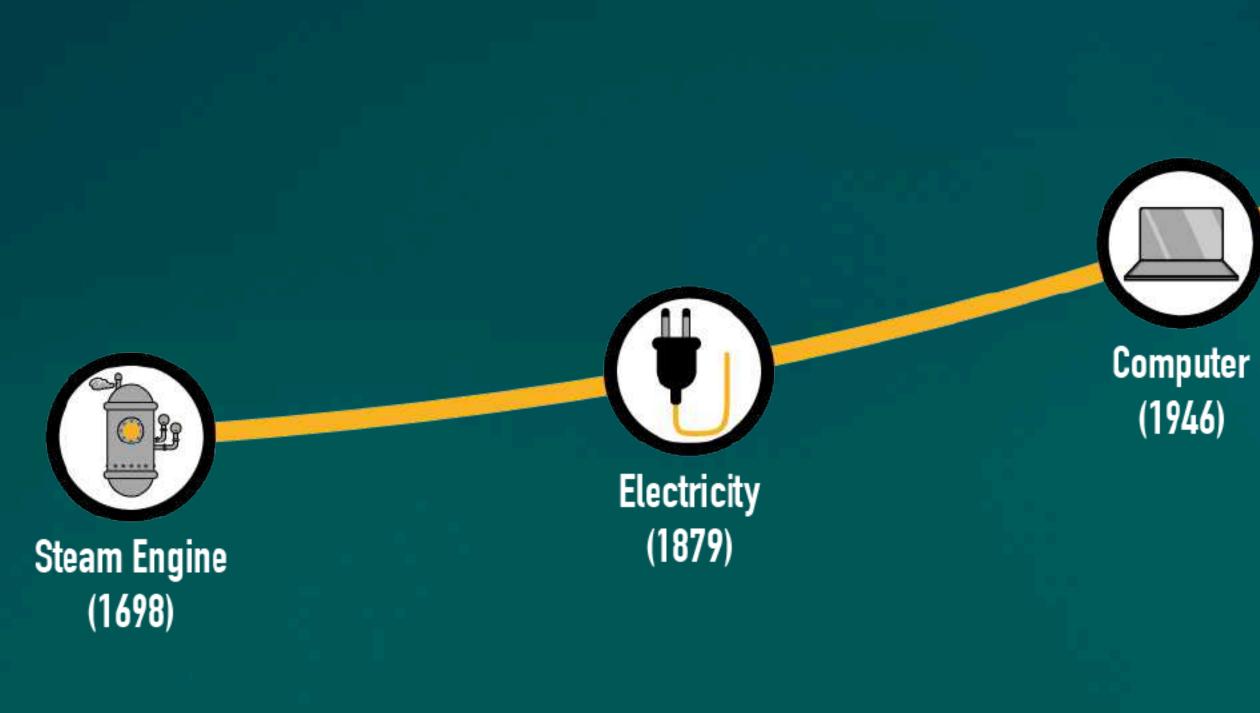
Non-codified

Difficult to transfer – often requires face-to-face interaction and teaching

Can't be recorded or stored









Innovative Disruptive vs Existential







Gêrd

Sam Altman, CEO, OpenAI: "The coming change will center around the most impressive of human capabilities: THE PHENOMENAL ABILITY TO THINK, CREATE, UNDERSTAND, AND REASON"

OpenAi







We are to be DESIGNERS of The Good Future, not cheerleaders of technological progress and corresponding financial gains

INTER

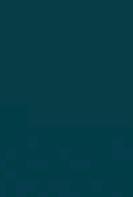
EU **Intelligence** Act

GENCY

ARTIFICIAL INTELLIGIAN

















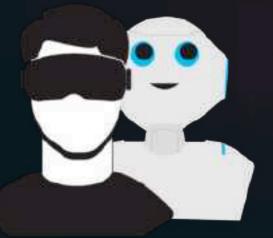


ASSISTED INTELLIGENCE



Who will be mission control for humanity?

AUGMENTED INTELLIGENCE



AUTOMATION



AUTONOMOUS INTELLIGENCE









THE BAD FUTURE

THE GOOD FUTURE



As you see the future, so you act, as you act so you become (Barbara Marx Hubbard)



THE GOOD

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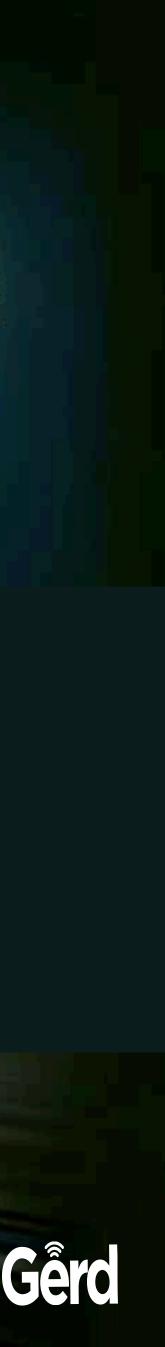








If you work or LEARN like a robot, the robots will take your job!







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HUMANT

Gerd Leonhar





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