

The world by 2030: Together, we design and shape the Future!

THE GOOD FUTURE

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PUBLIC THINKER



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gerdtube.com



gerd.cloud



futuristgerd.com



asociace
developerů

Gërd

PRAGUE 2035

according to Dalle & Runway AI

THE GOOD
FUTURE



“The Future exists first in IMAGINATION, then in WILL, then in REALITY” (Barbara Marx-Hubbard)

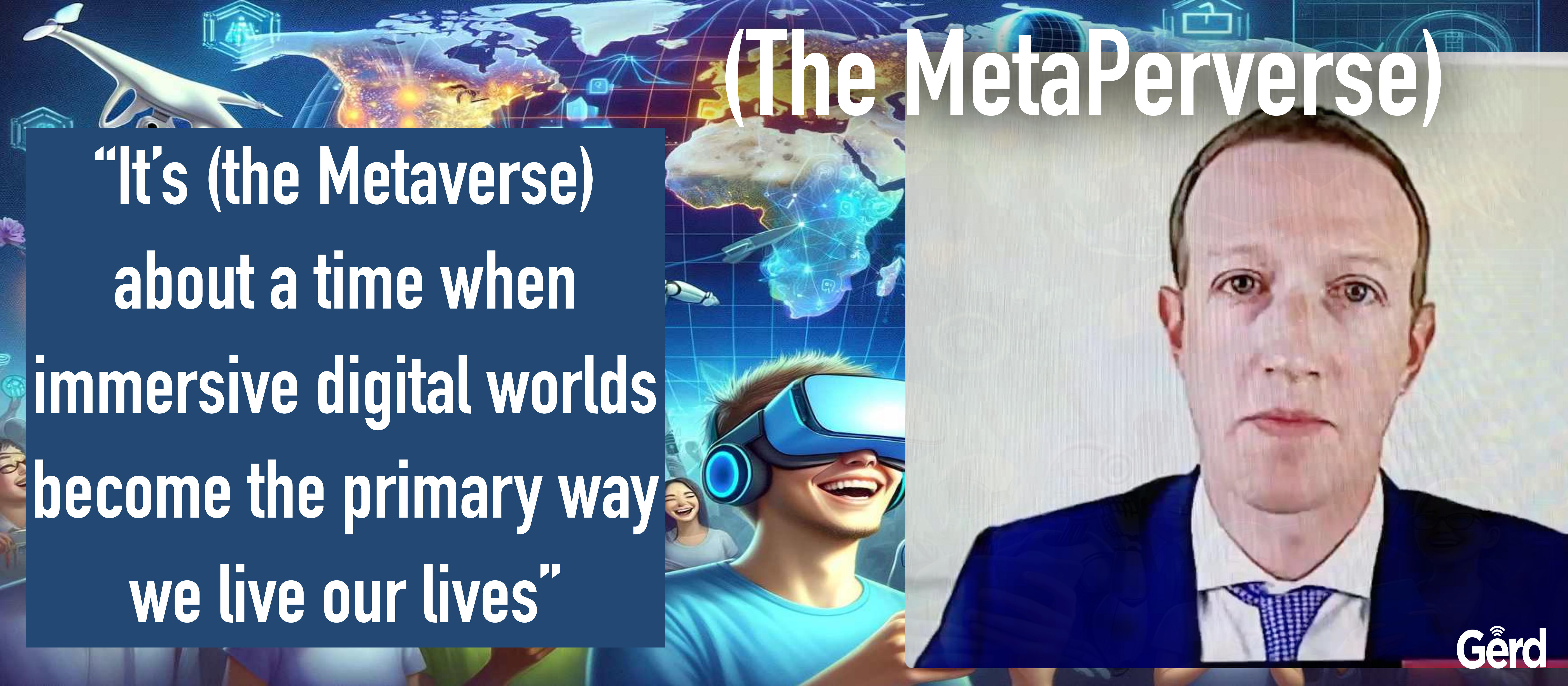


Telosa (USA)







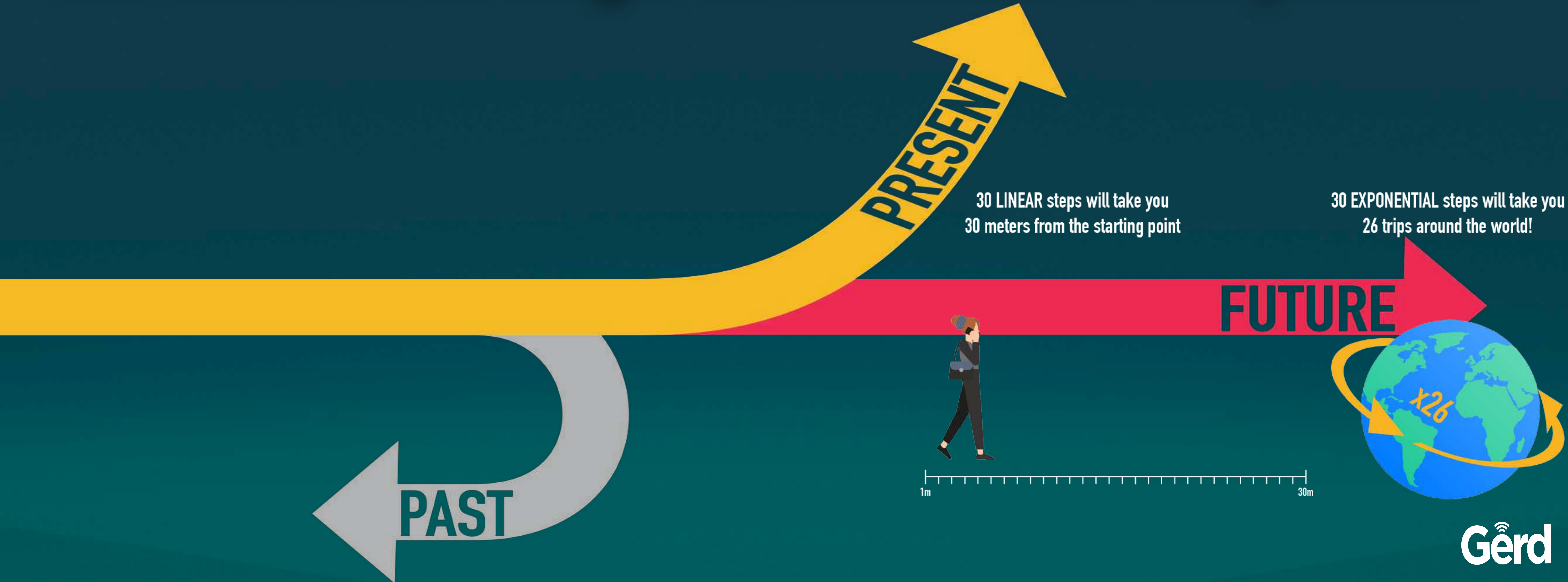


(The MetaPerverse)

“It’s (the Metaverse)
about a time when
immersive digital worlds
become the primary way
we live our lives”



The future is no longer an extension of the present





The 3 waves of change that city planners need to keep in mind

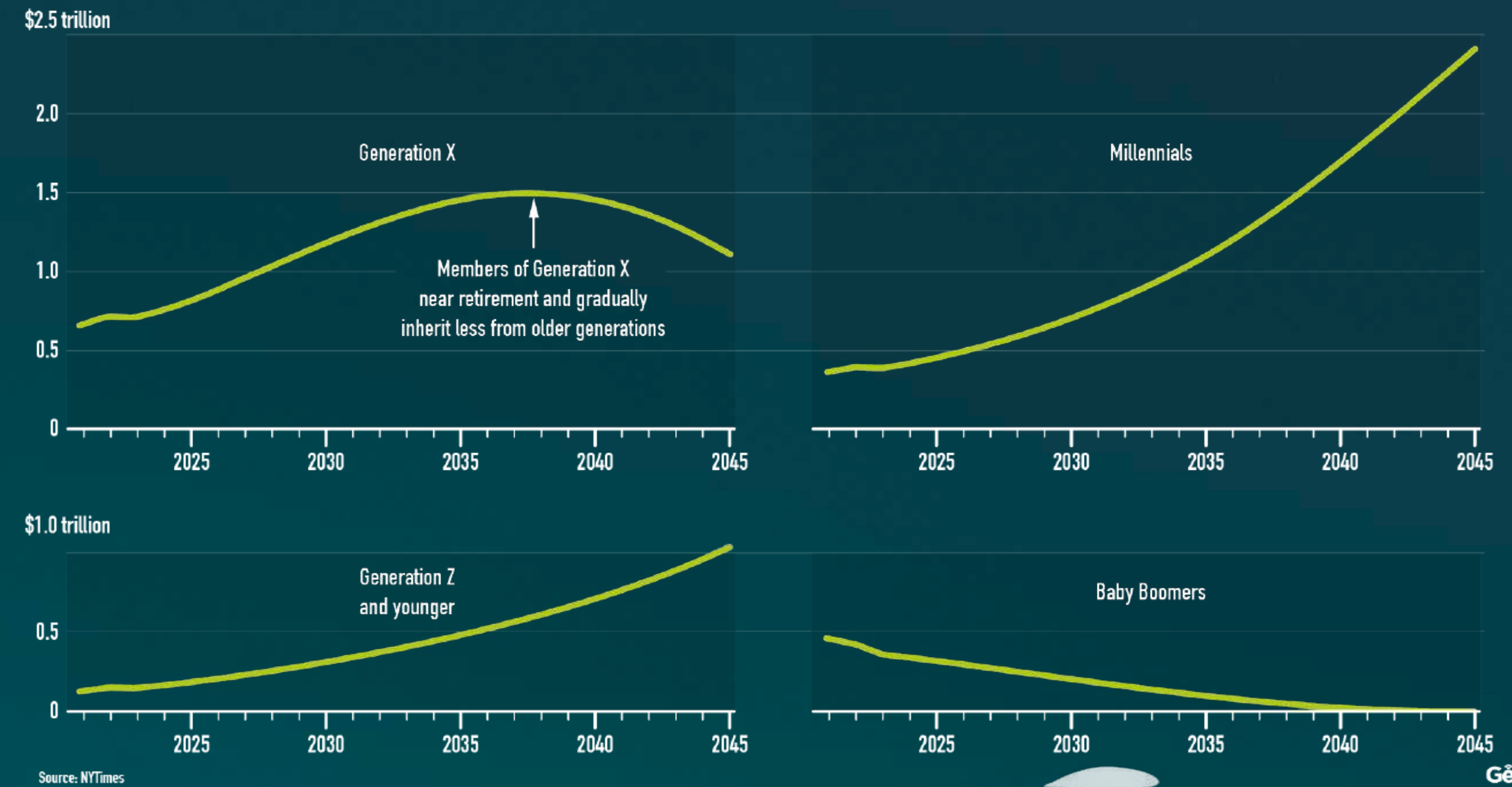
BIO-TECHNOLOGY

**ARTIFICIAL
INTELLIGENCE**

**CLIMATE
CHANGE**



ANNUAL WEALTH PROJECTED TO BE INHERITED BY EACH GENERATION

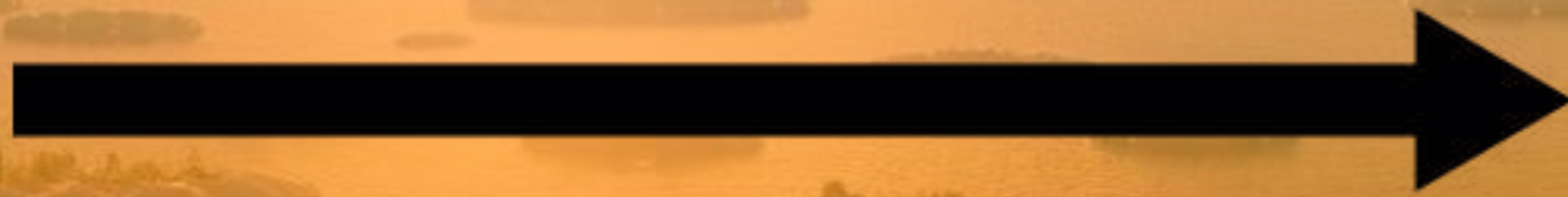


CLIMATE
CHANGE



MEGA-CHALLENGE

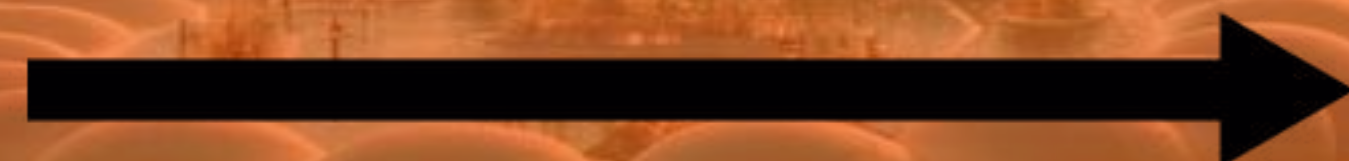
Economy



Climate

ENERGY

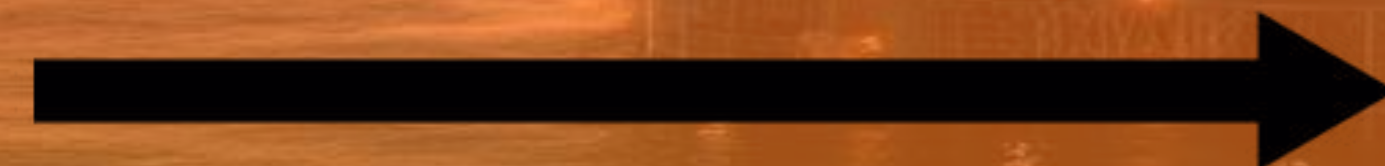
Carbon



Clean

CULTURE

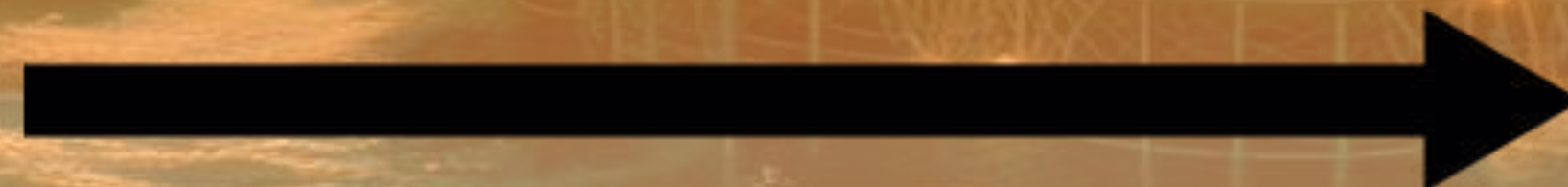
Boomer-centric



Millennial-centric

WORK

Physical



Digital / Virtual



Pivot Point 2025



2030 Economics

PROFIT
GROWTH



PEOPLE
PLANET
PURPOSE
PROSPERITY



MEGA-CHALLENGE

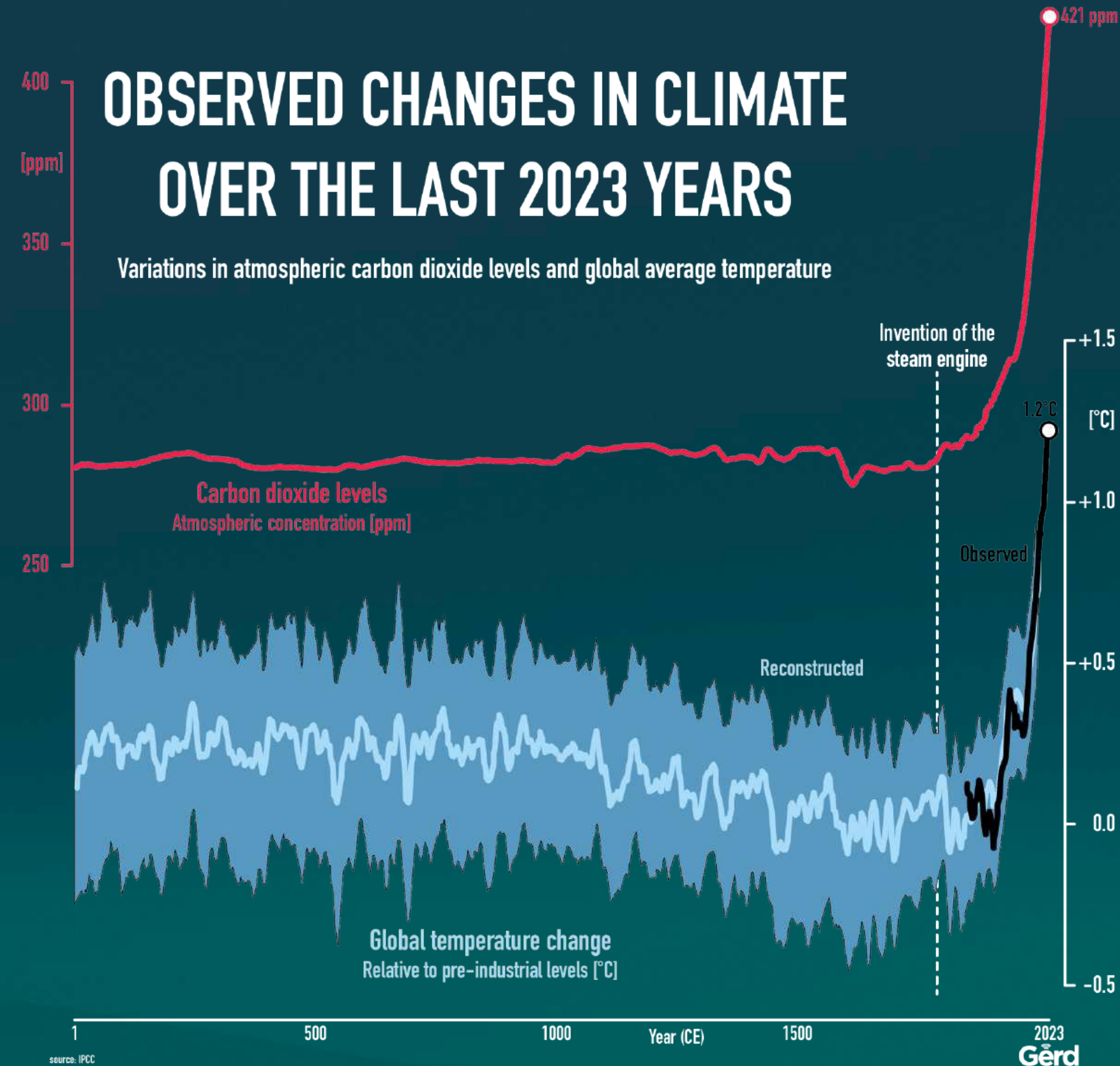
Economy



Climate

OBSERVED CHANGES IN CLIMATE OVER THE LAST 2023 YEARS

Variations in atmospheric carbon dioxide levels and global average temperature



DECOUPLING GDP FROM CARBON

+140%

+120%

+100%

+80%

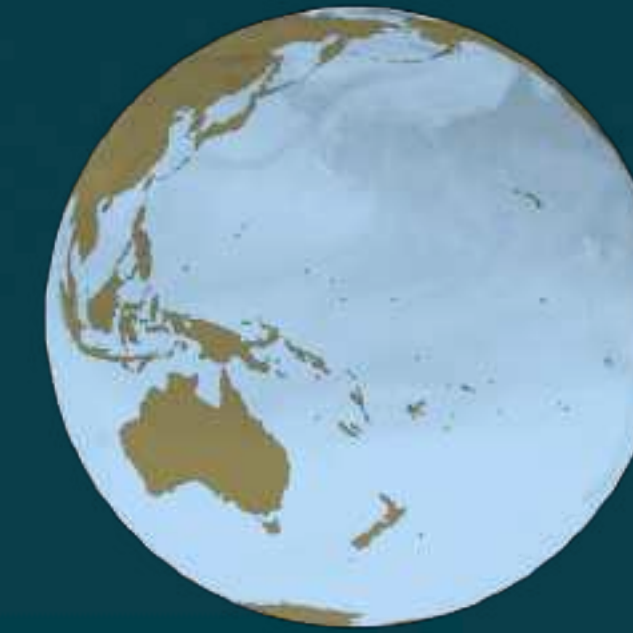
+60%

+40%

+20%

+0%

PROFIT
GROWTH



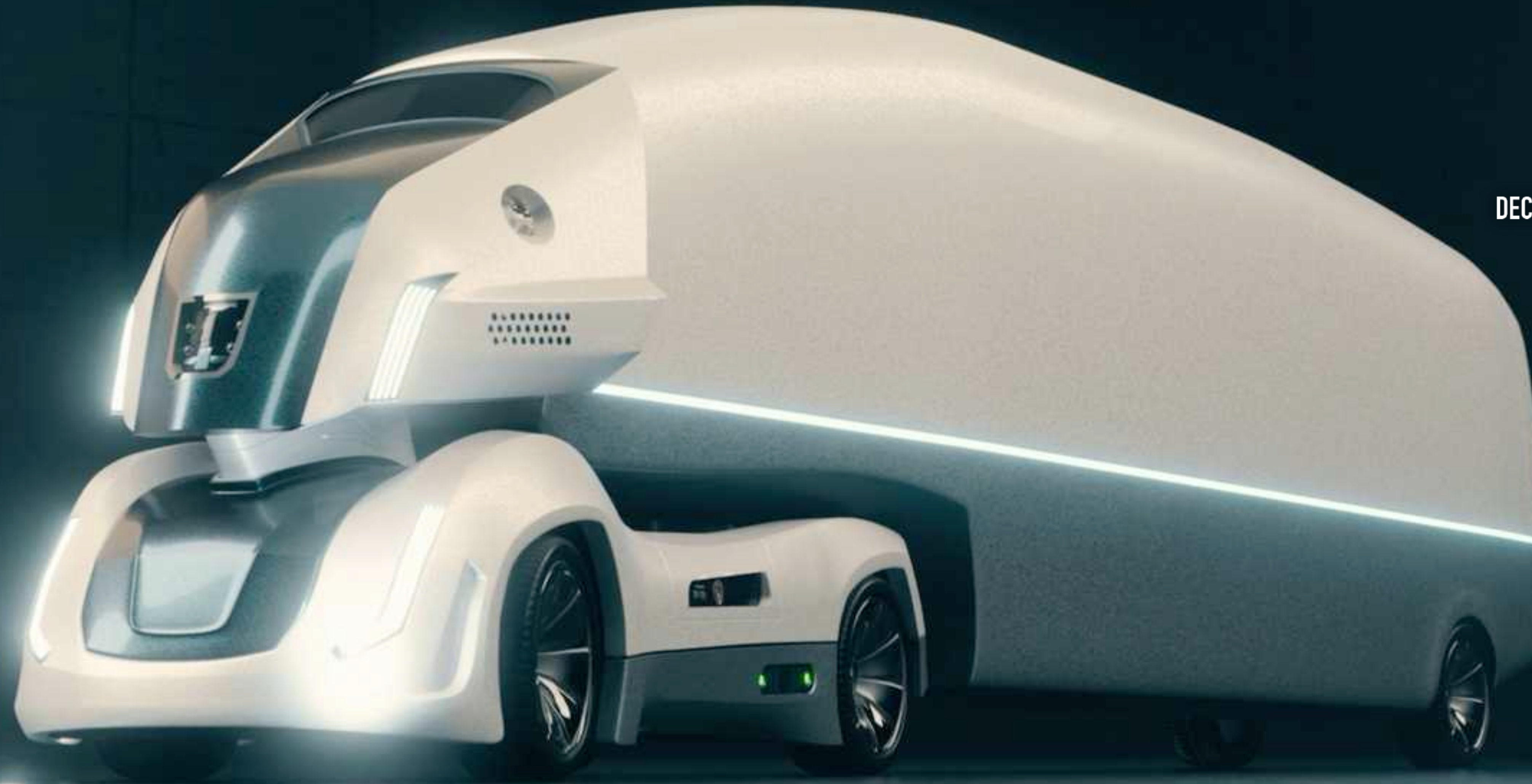
PEOPLE
PLANET
PURPOSE
PROSPERITY



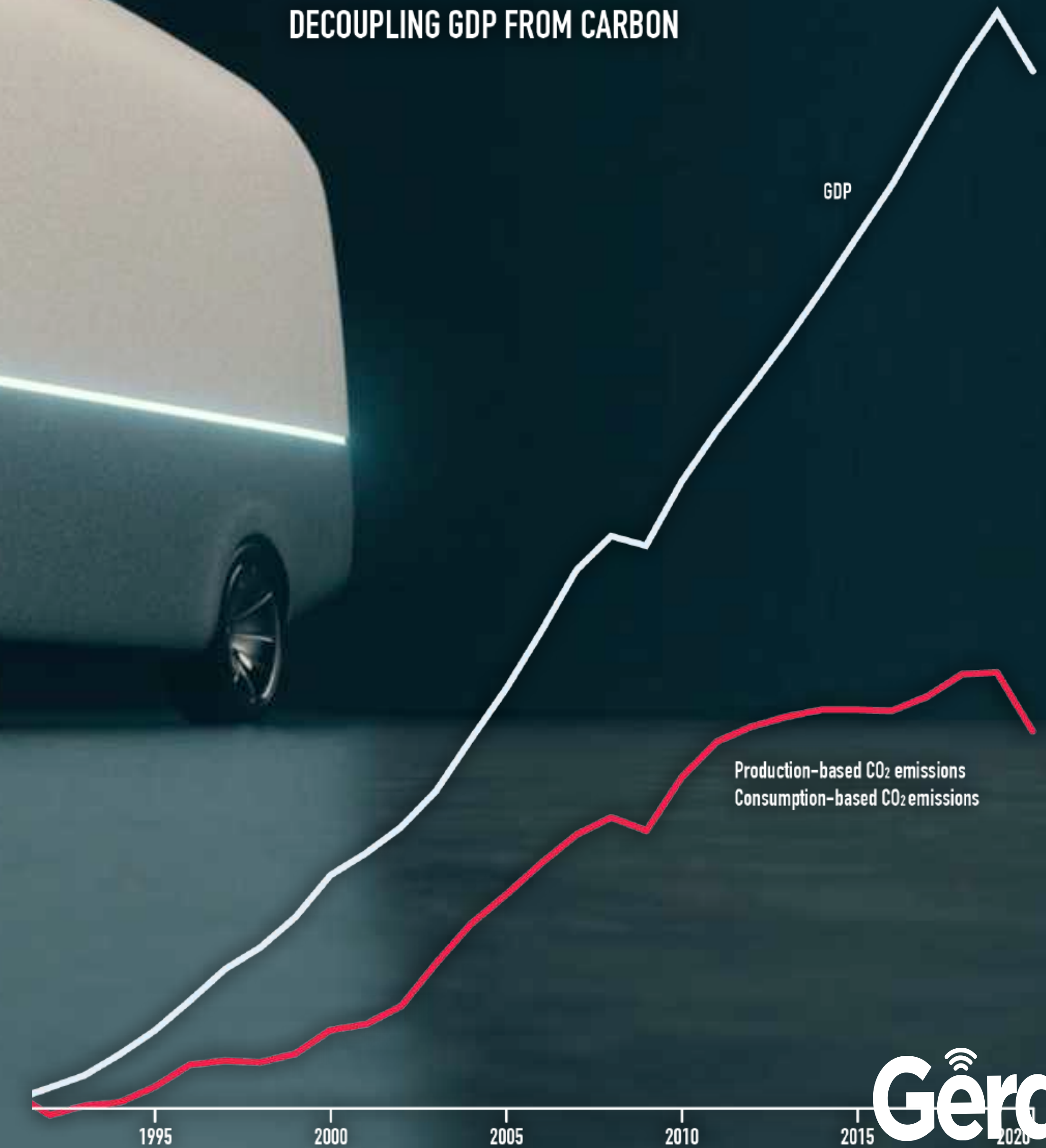
Source: Our World in Data

Gerd

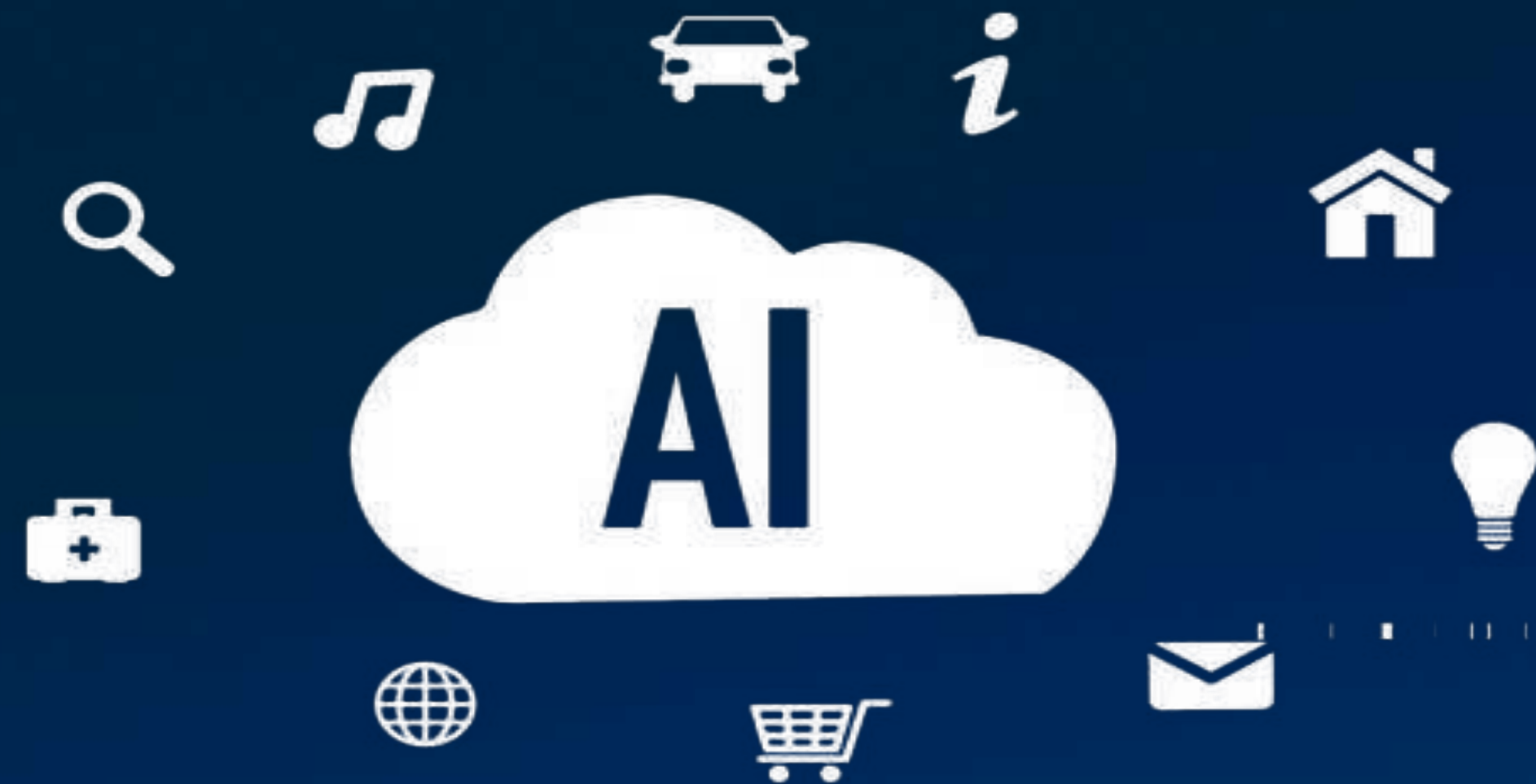
Rethink



DECOUPLING GDP FROM CARBON



DIGITAL REVOLUTION



SUSTAINABILITY REVOLUTION



PURPOSE REVOLUTION



SCIENCE
FACT

SUSTAINABLE
IS THE NEW PROFITABLE

BUSINESS AS USUAL
IS DEAD
OR DYING

Big Blue



HOLISTIC

Big Green



CIRCULAR

Big Purple



HUMAN

**SUSTAINABILITY
REVOLUTION**

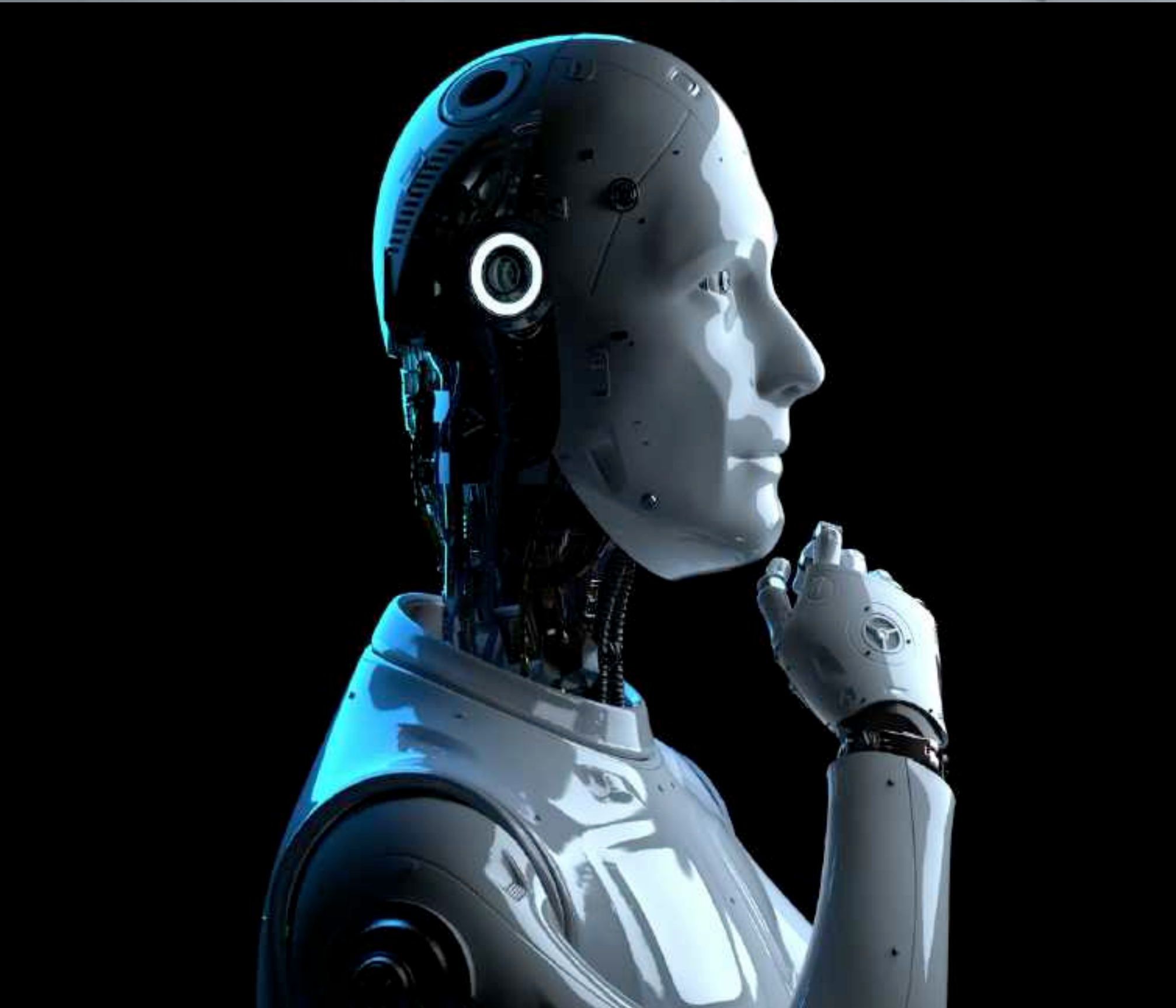
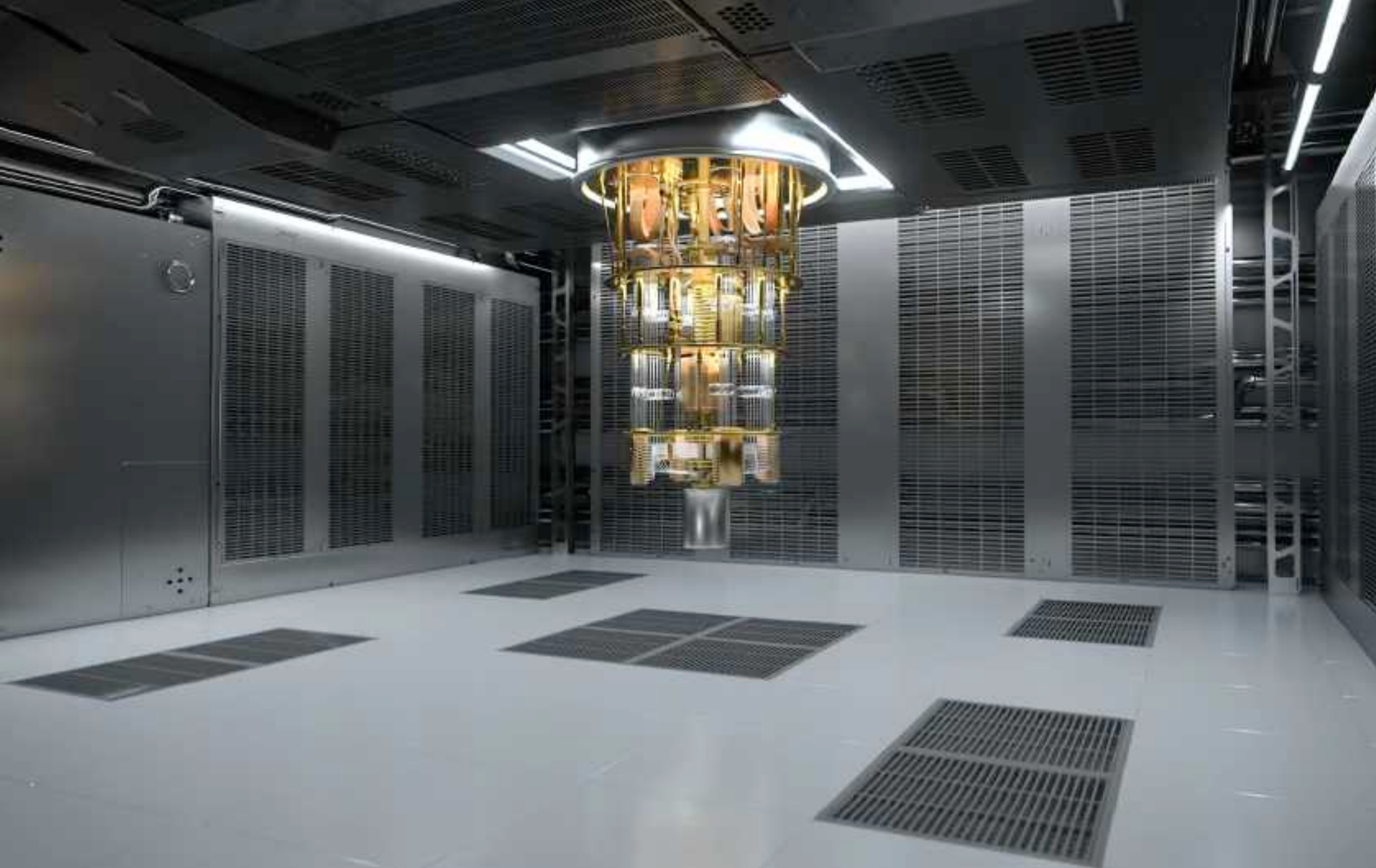


**PURPOSE
REVOLUTION**



11 TECHNOLOGICAL GAME CHANGERS IMPACTING URBAN FUTURES





THE DISRUPTIVE IMPACT OF SYNTHETIC BIOLOGY

WHEN, AND HOW, THE TECHNOLOGY WILL AFFECT YOUR INDUSTRY

Likely Outcomes

0-5 Years

5-10 Years

10+ Years

(Mainly)
Product Substitution

Meat and
aquaculture

Chemicals

Fuel

Bio-based
pharma

Beauty

Textiles

Food
(excluding
meats)

Agriculture

Mining

(Mainly)
Process Improvement

OTC
medicines

Medical
devices

Electronics

Fashion

Electricity

(Mainly)
Raw Material Changes

Water

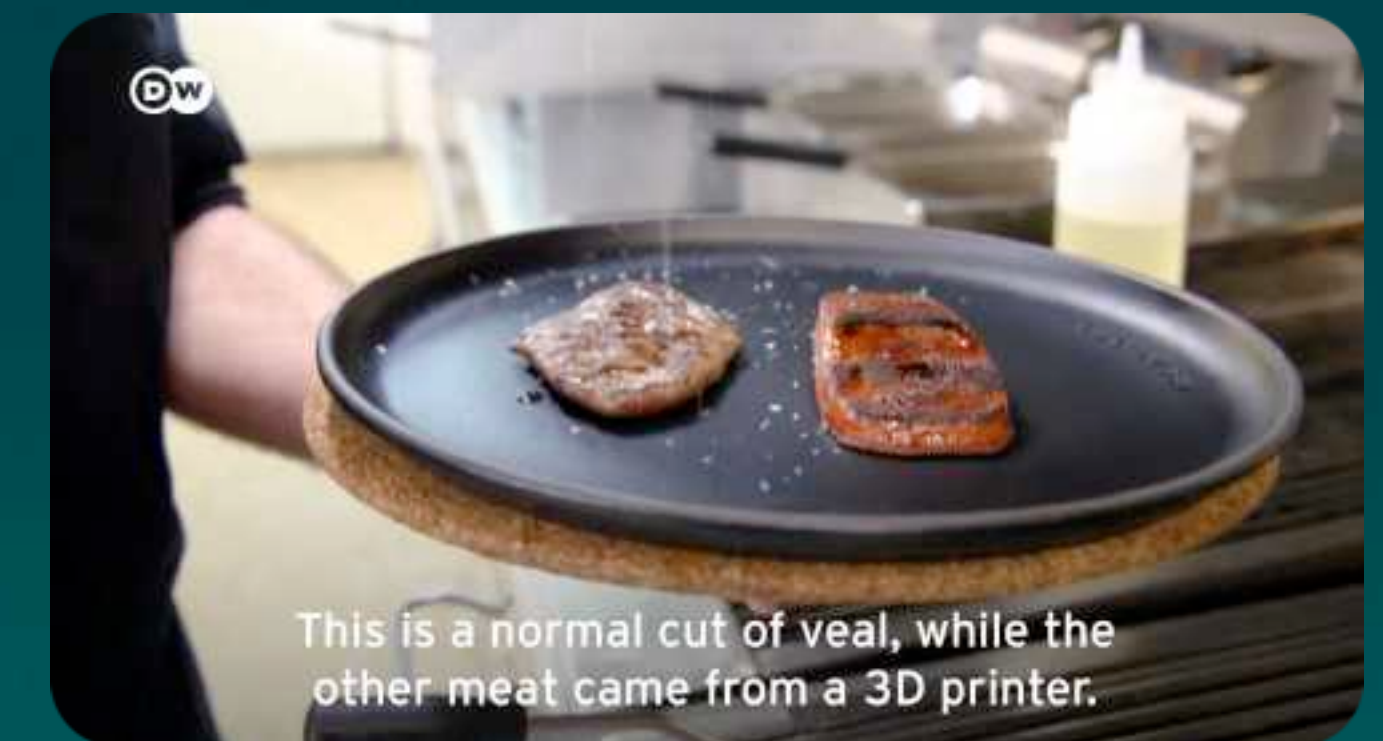
Automobiles

Construction

Machinery

Projected time to impact

Gêrd



This is a normal cut of veal, while the other meat came from a 3D printer.

'Software is eating the world' (2010) Now, AI will 'eat' software.



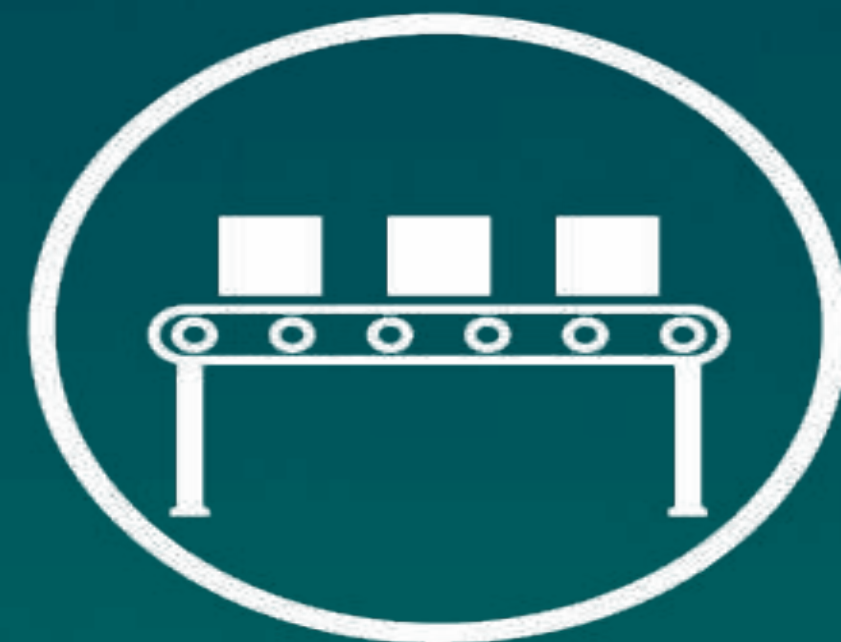
Industry 1.0



1784



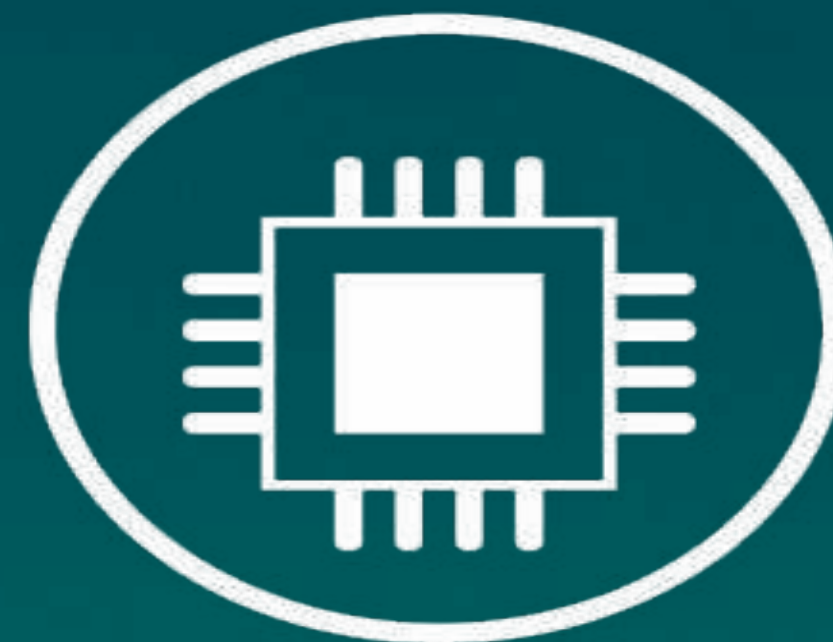
Industry 2.0



1870



Industry 3.0



1969



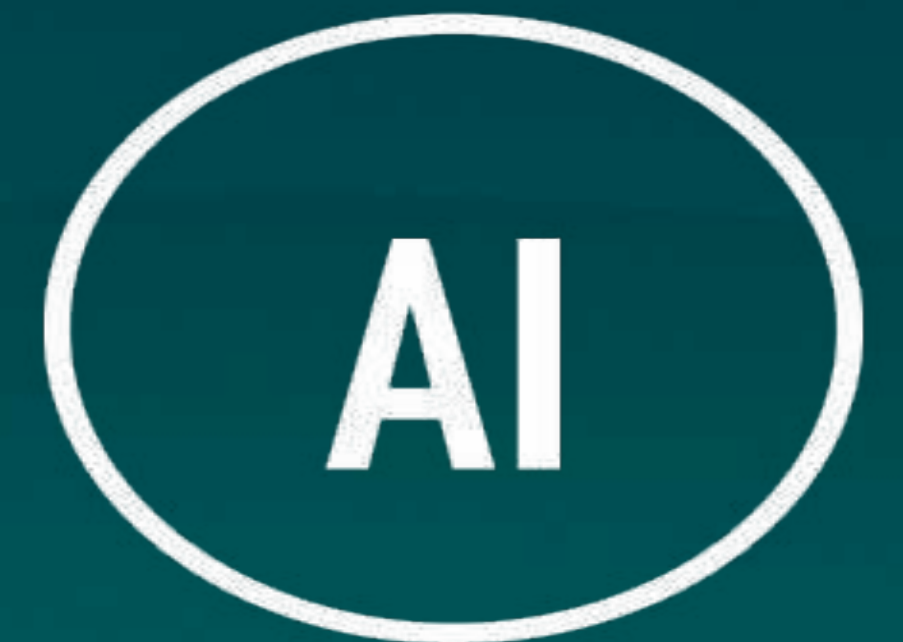
Industry 4.0



Today



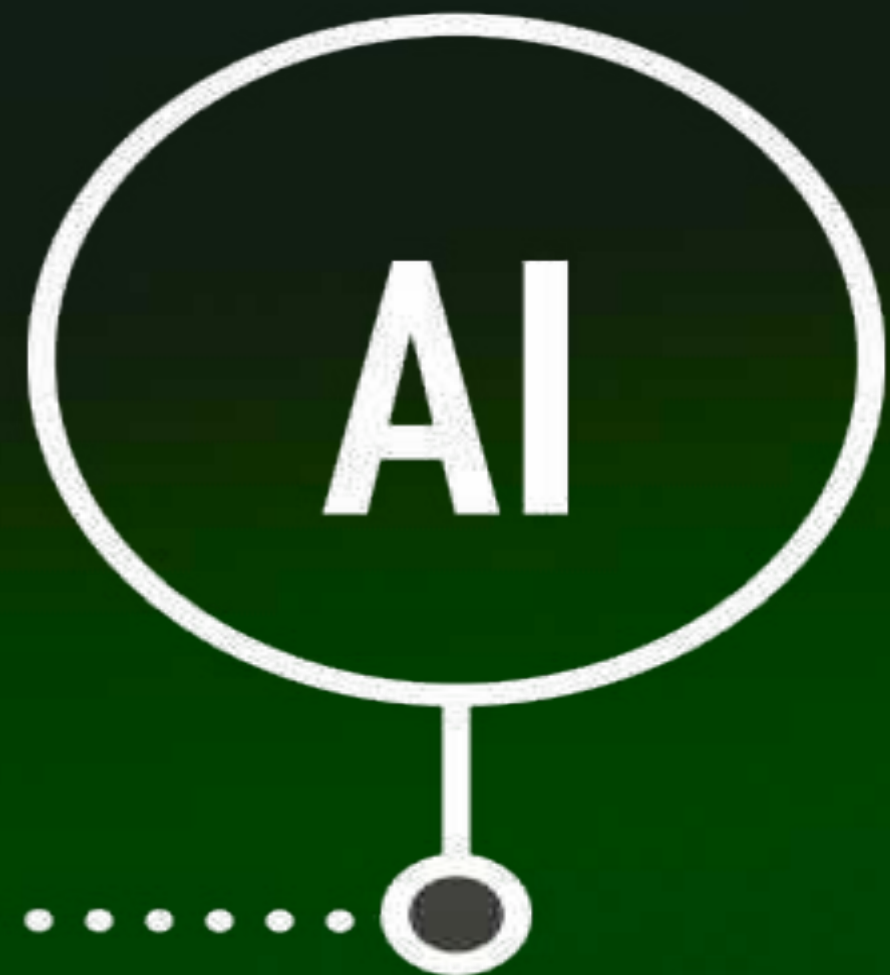
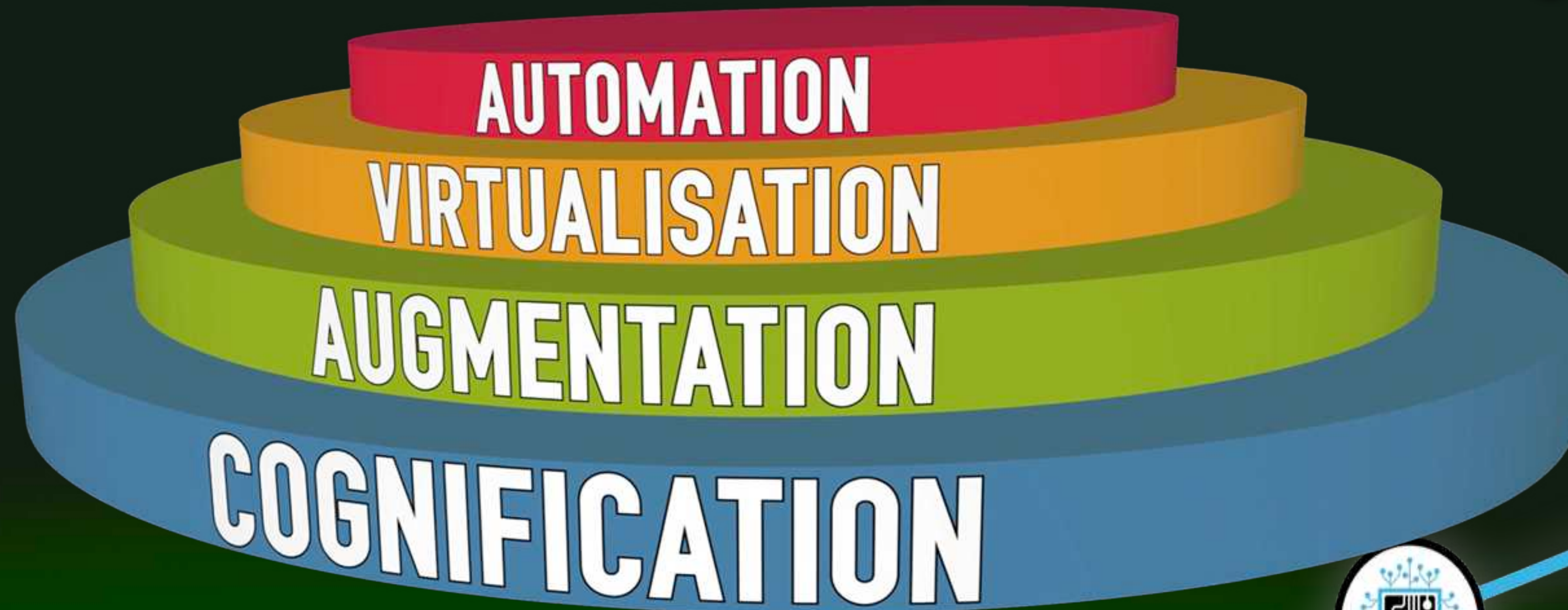
Industry 5.0



AI is now a **General Purpose Technology** (and Science)



Industry 5.0



Steam Engine
(1698)



Electricity
(1879)



Computer
(1946)



Semi-Conductors
(1947)



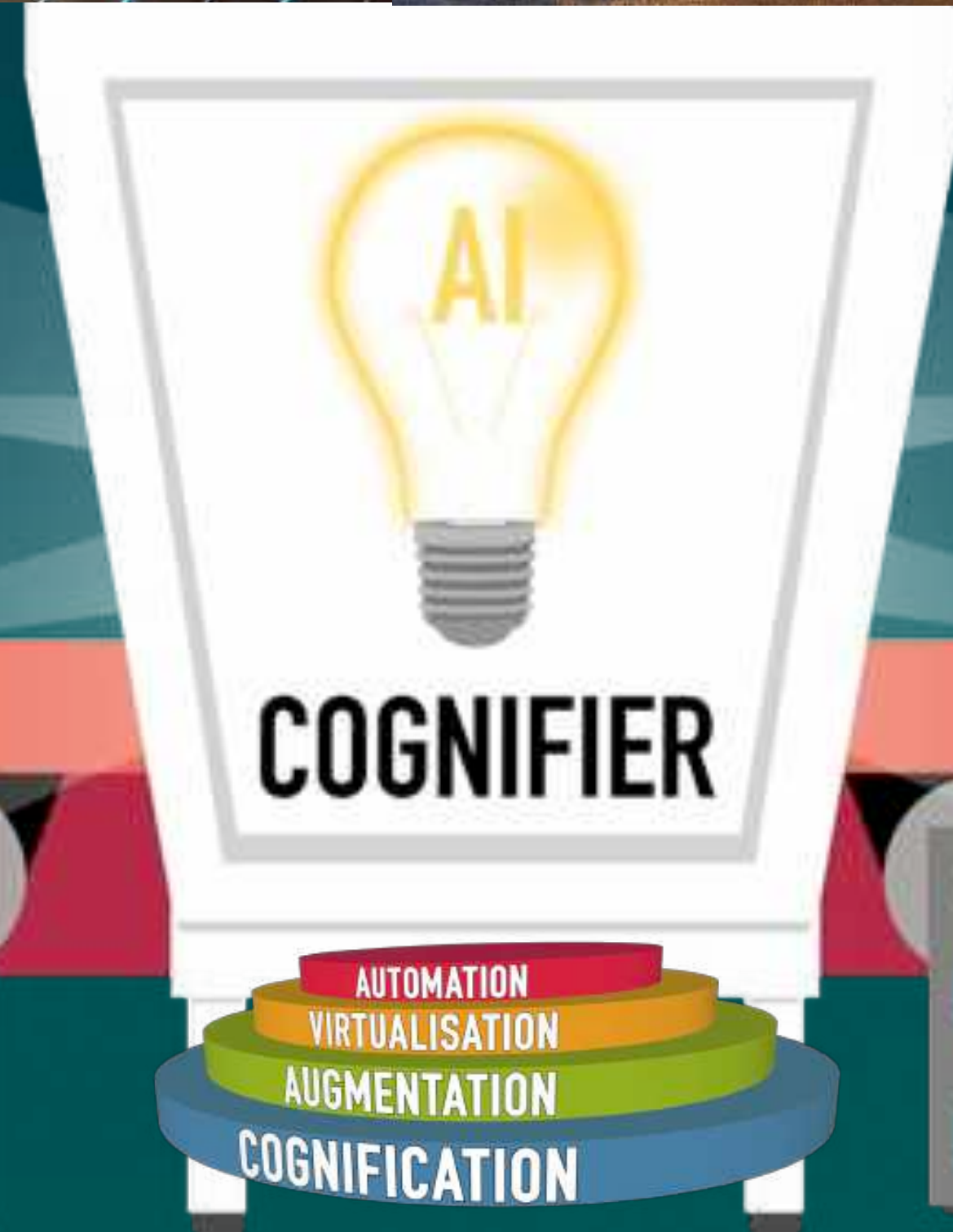
Internet
(1983)



Artificial Intelligence
(Today)

AI: A huge boost for city planners' capabilities: CAVA







Culture eats Technology for Breakfast

Societies are driven by their technology but defined by their HUMANITY

SPATIAL COMPUTING: human—computer interaction techniques that are perceived by users as taking place in the real world, in and around their natural bodies and physical environments, instead of constrained to screens



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CONTROVERSIAL OR VISIONARY ? Unveiling Apple Vision Pro City Project.



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“Every professional will have an **AI ASSISTANT** of their own,
within the next 3 years” (Thomson Reuters Report 2024)



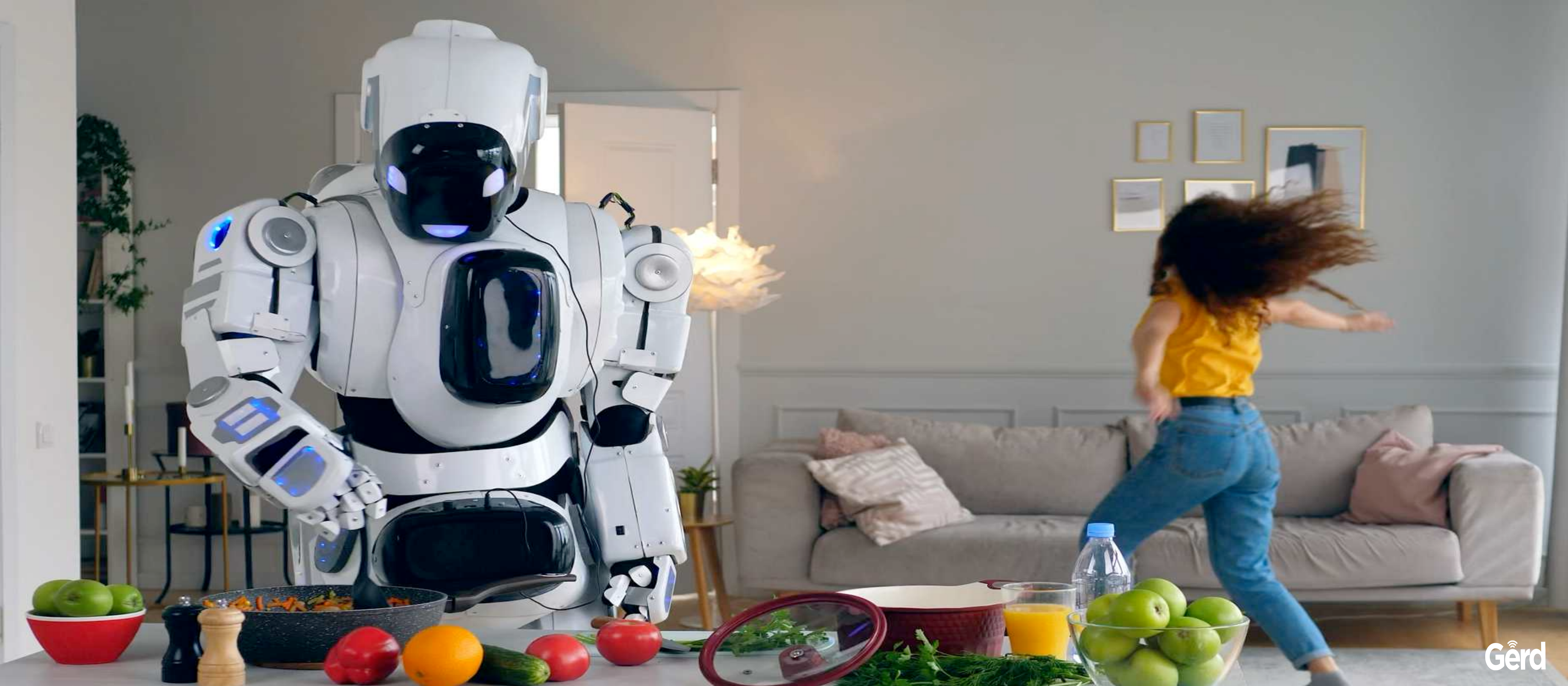
What are AI agents? An artificial intelligence (AI) agent refers to a system or program that is **capable of autonomously performing tasks** on behalf of a user or another system by designing its workflow, using a variety of available tools.



 **Vala Afshar**  @ValaAfshar · 8h ...

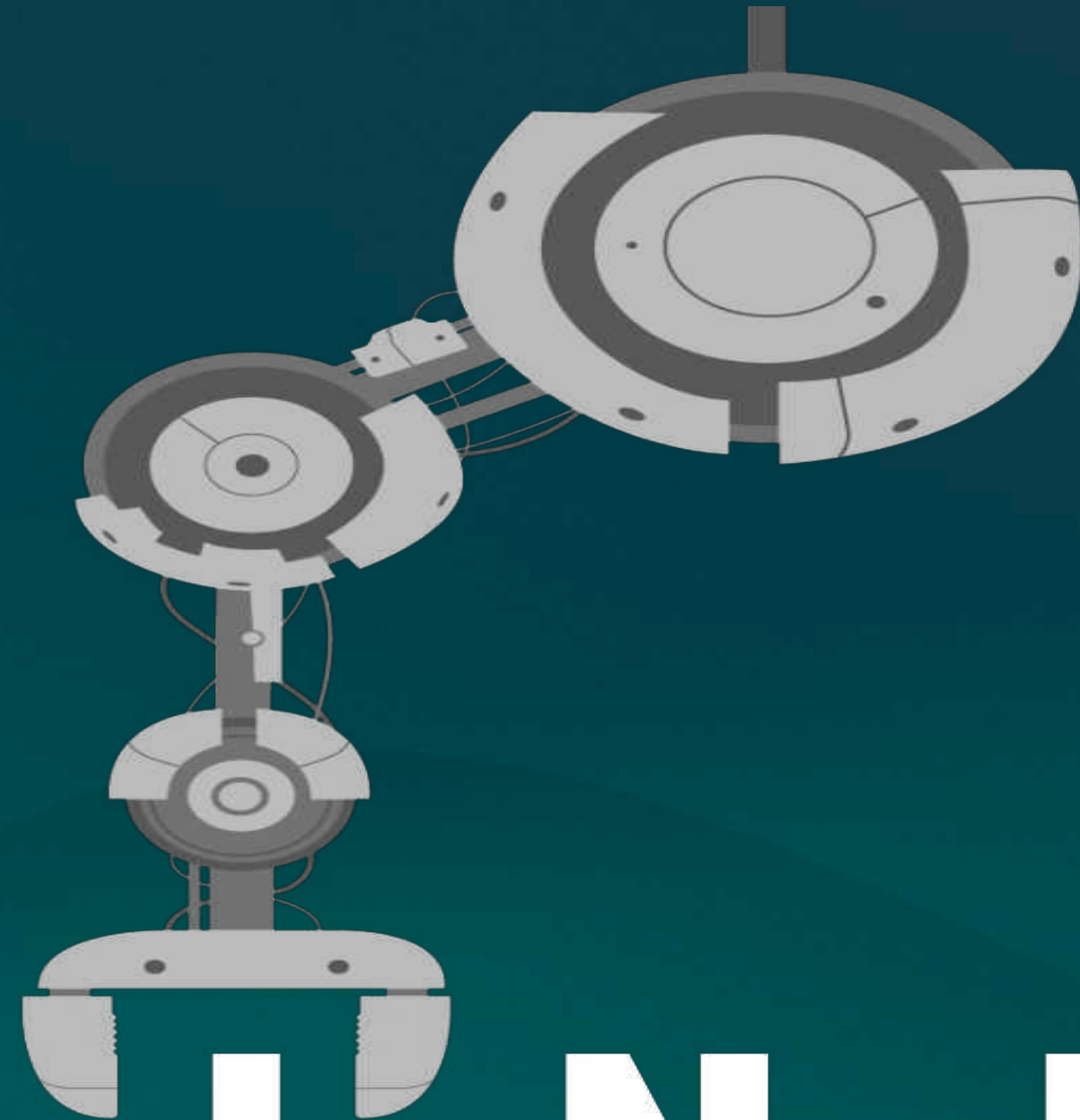
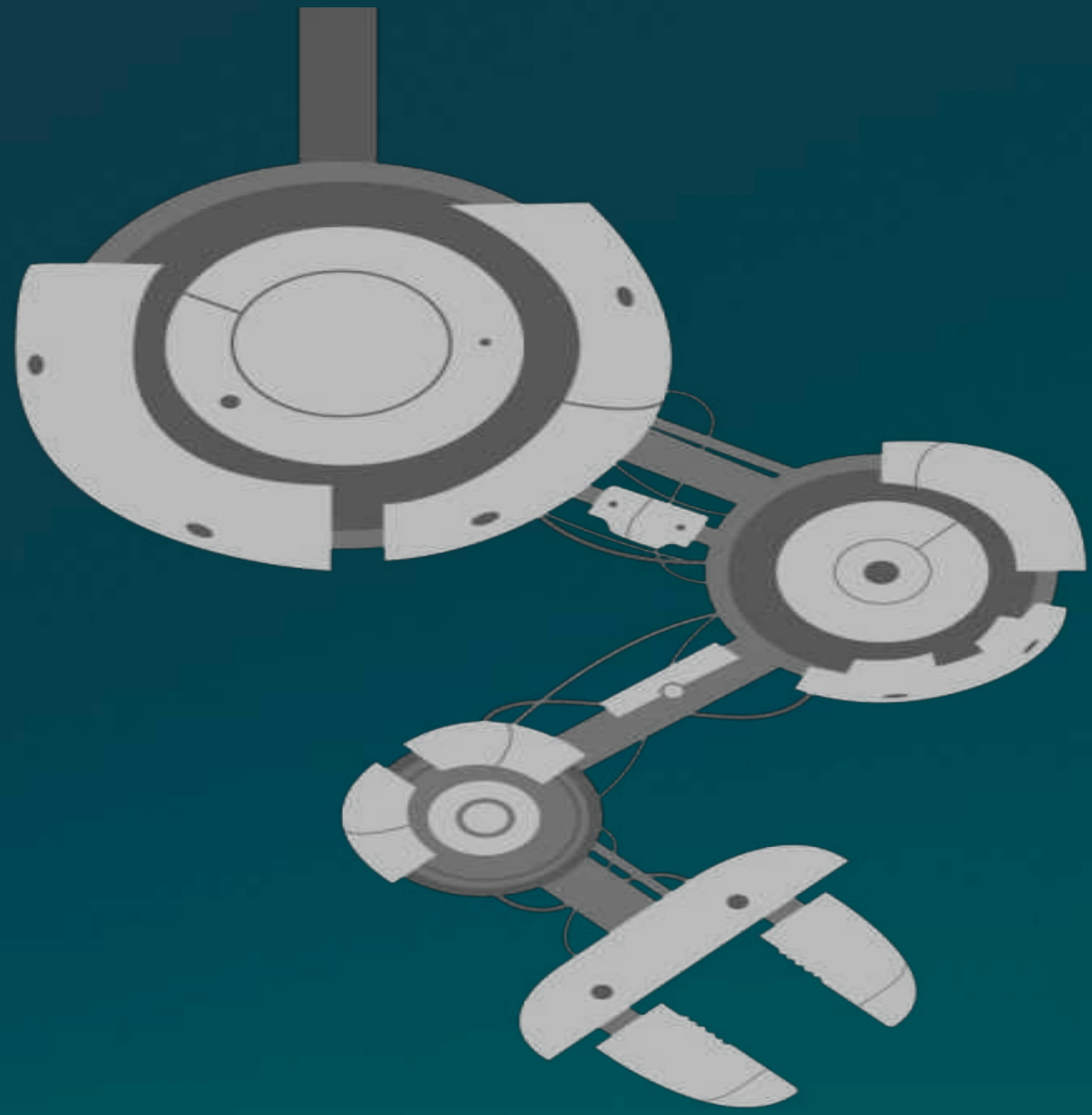
In contrast to chatbots and copilots, **AI agents** go beyond assistance. Agents take action. They learn from data, adapt for any experience, and they take action with you and on your behalf — 24x7.

AI is business electricity for the 21st century.



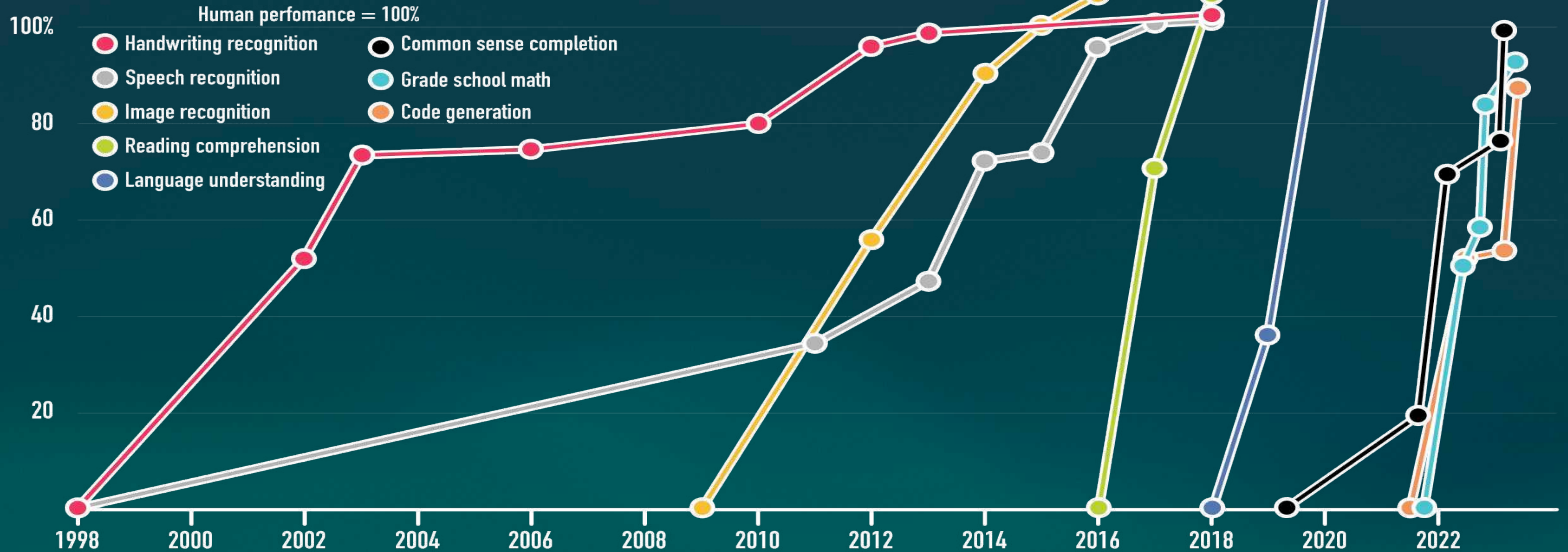


The End of Routine: huge change in what humans do, how, where and why



R O U T I N E

STATE-OF-THE-ART AI PERFORMANCE RELATIVE TO HUMAN PERFORMANCE



If you work like a robot, a robot will take your job!



Machine Intelligence $\neq$ Human Intelligence

Machines **DON'T** 'think' or 'feel'

Machines **DON'T** have hunches

Machines **DON'T** 'understand'

Machines **DON'T** imagine

Machines **DON'T** care

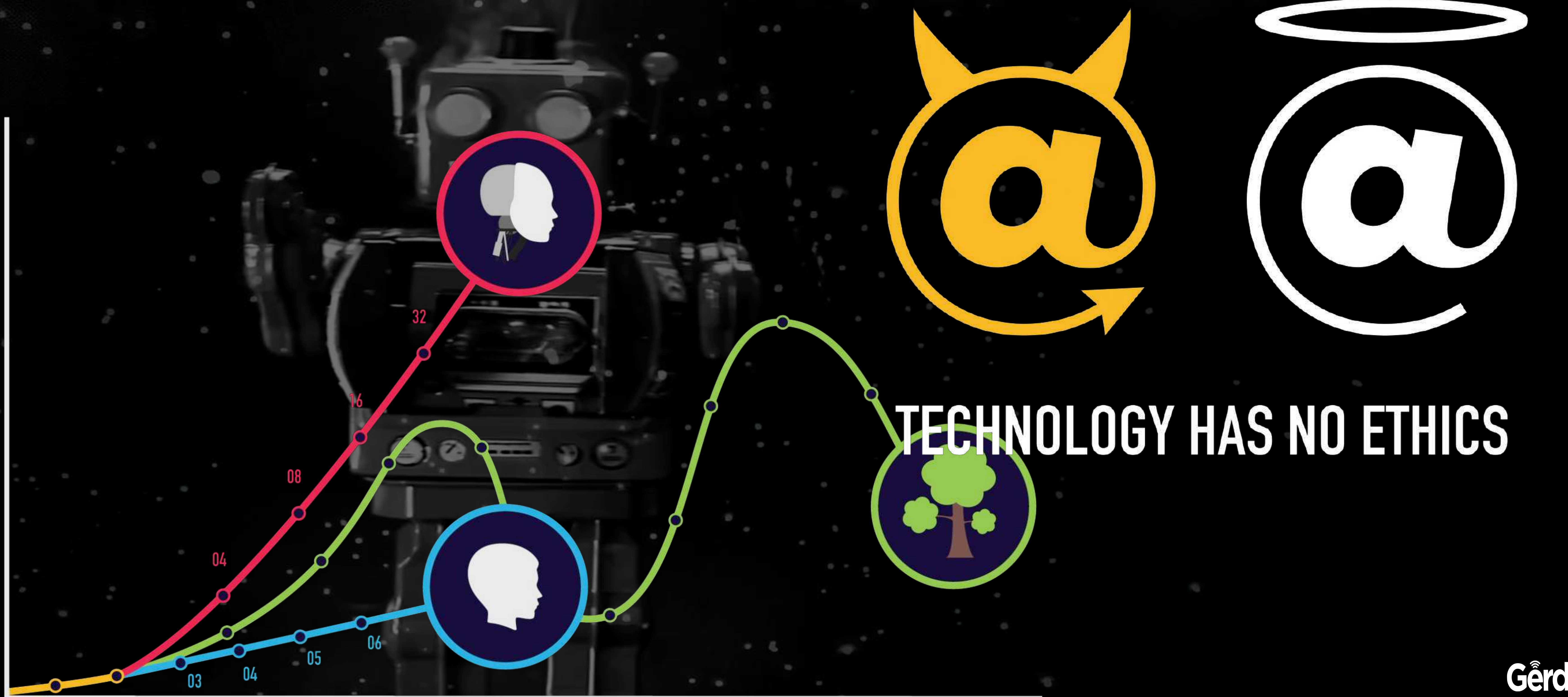




Sustainability leaders
Climate resilience experts
Data-driven visionaries
Interdisciplinary collaborators
Social impact designers
Public space creators
Cultural curators

New technologies, new cities, new jobs









...Great, thanks





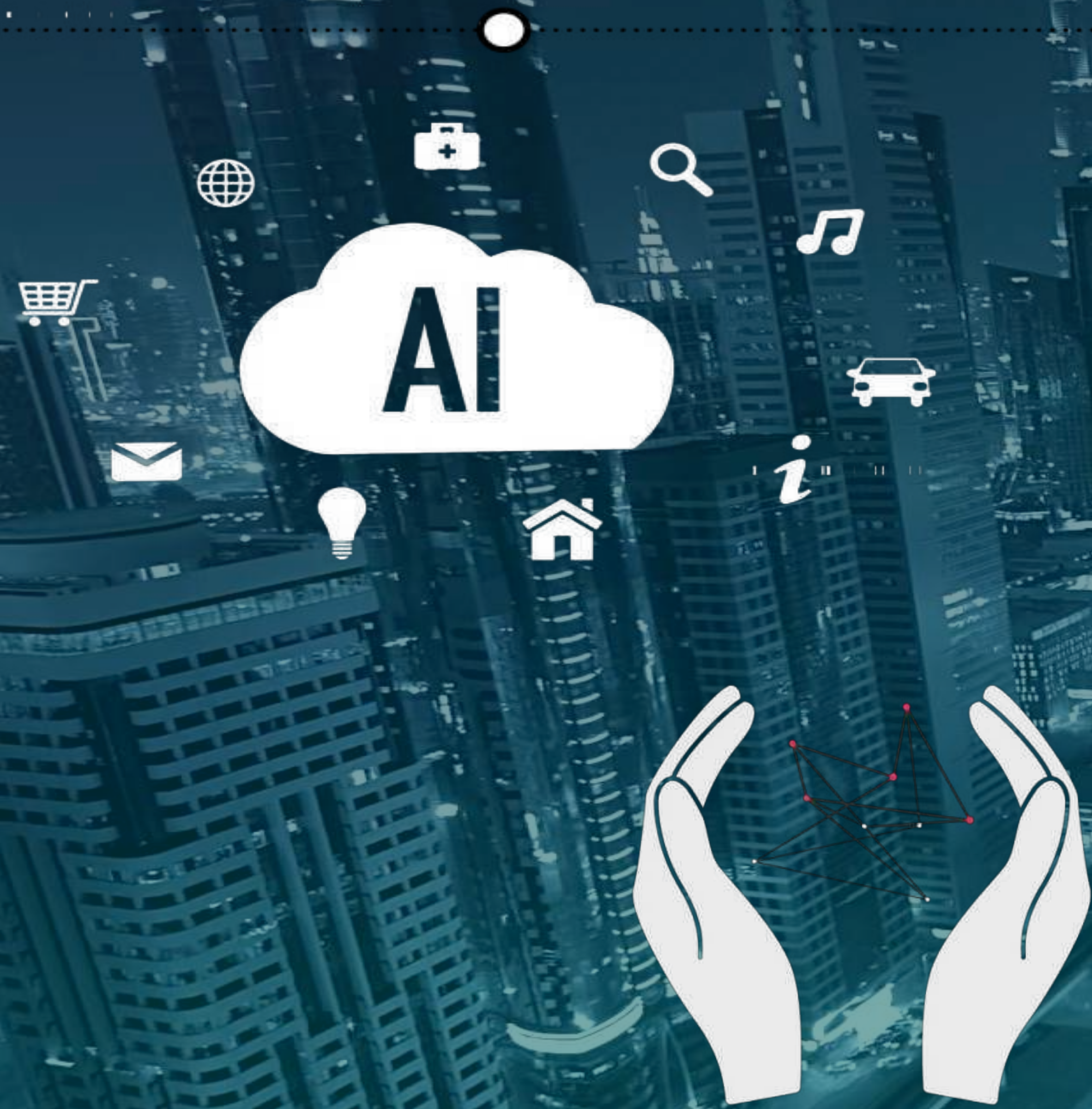
There's more to human life than connectivity, data and intelligence!



DIGITAL REVOLUTION

SUSTAINABILITY REVOLUTION

PURPOSE REVOLUTION



HOLISTIC



CIRCULAR



HUMAN

Bottom Lines and Action Items

The Future cannot be predicted – but it can be observed and anticipated

“The Future exists first in imagination, then in will, then in REALITY”

The Future is created by Optimists (‘pessimism of the mind’ is OK!)

Your Mindset contains your Future: Question your assumptions!

Spend 45 minutes in/on the future every single day*

EMBRACE TECHNOLOGY – BUT DON'T BECOME IT!

“We are to be architects of the future, not its victims”

(Buckminster Fuller)



**THE GOOD
FUTURE**