A DISCOVERY JOURNEY ΙΝΤΟ **REGENERATIVE INTELLIGENCE**







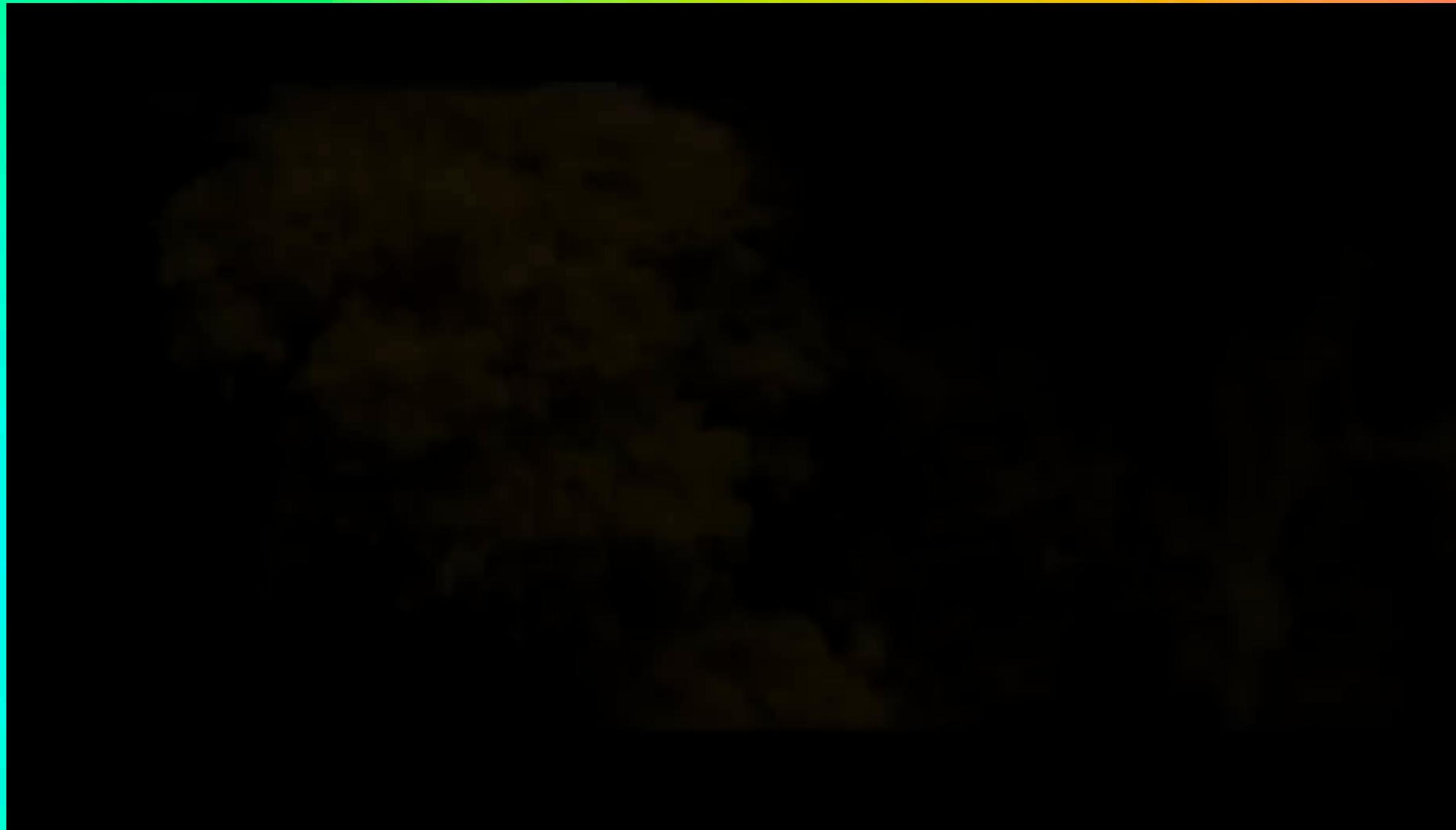


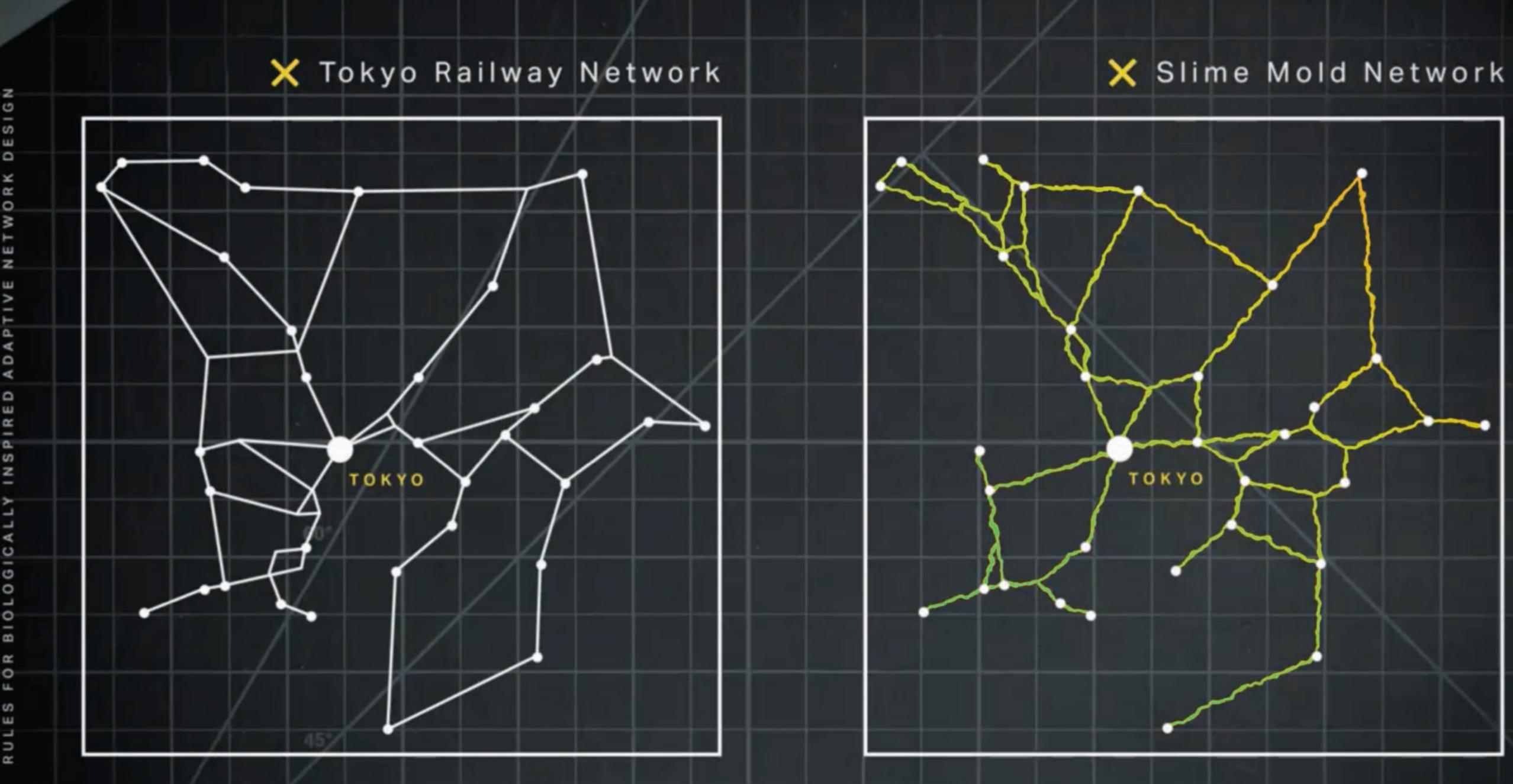


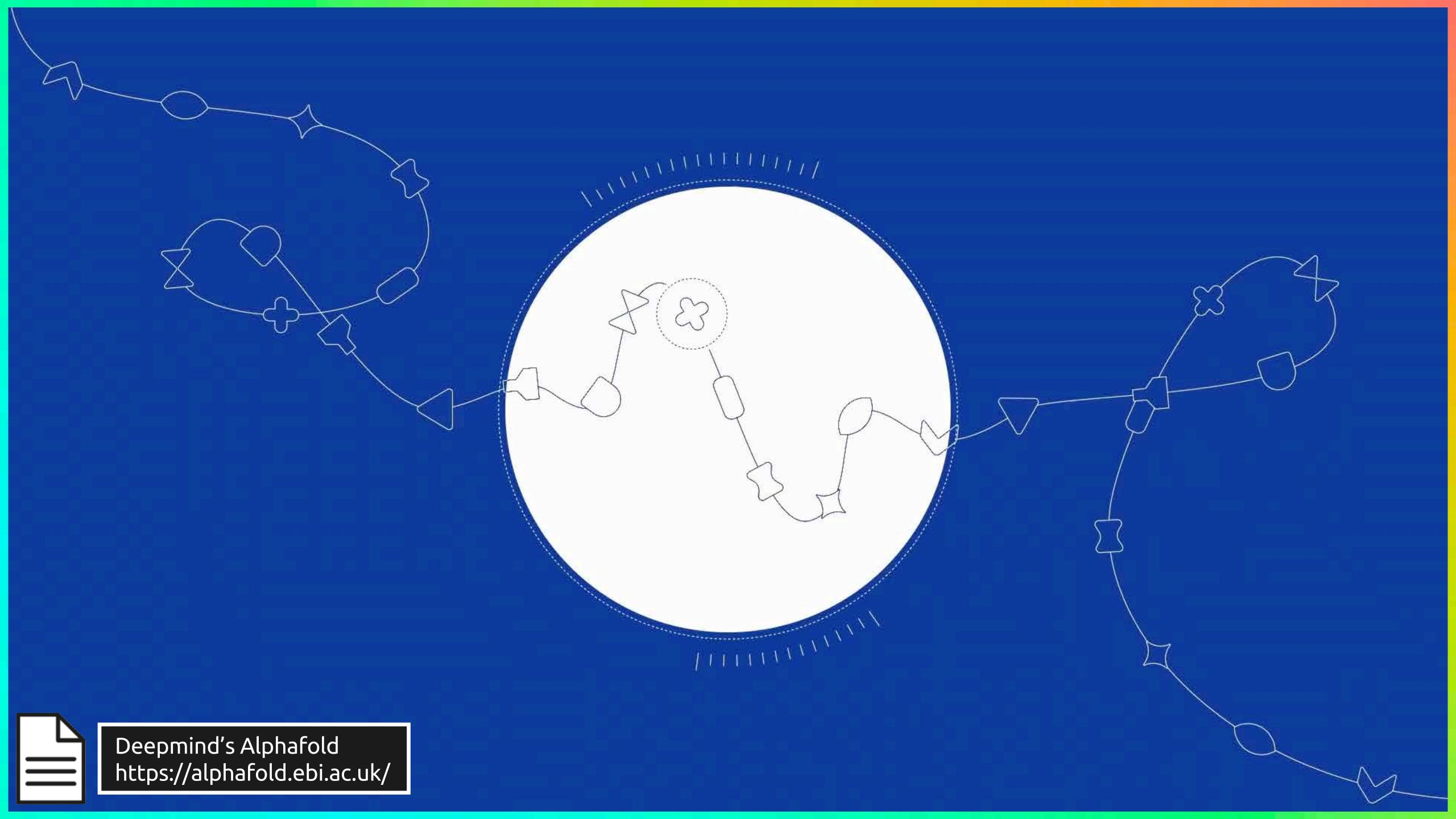












Intelligence

OUR WORLDVIEW







INTELLIGENCE

ARTIFICIAL INTELLIGENCE

REGENERATIVE INTELLIGENCE

NTELLIGENCE













ALL OVER AMERICA.... **MORE SCIENTISTS AND EDUCATORS SMOKE KENT** with the **MICRONITE FILTER** than any other cigarette!

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WERE AN INCO. COMIN BADD

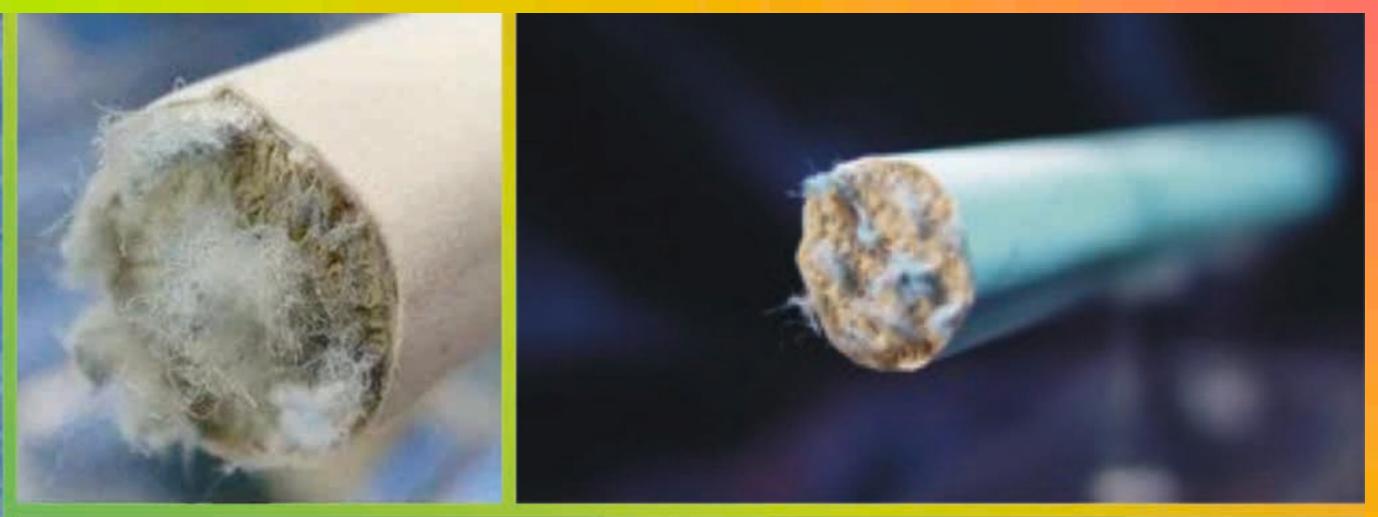
or good smoking taste, it makes good sense to smoke KENT



KENT

KING SIZE

12.044-040-040

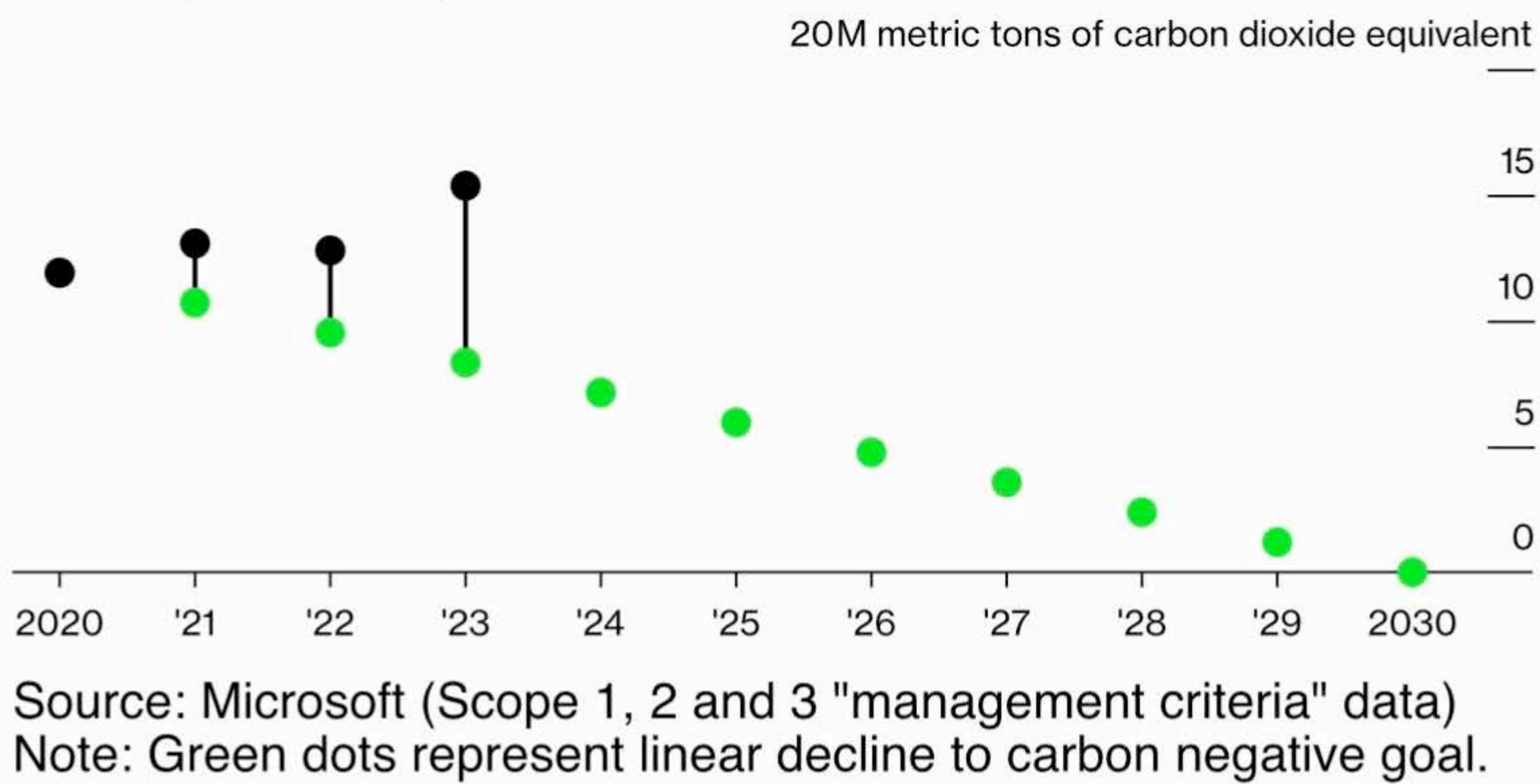






Microsoft's Emissions Artificial intelligence is putting the tech giant's climate goals in peril

Climate plan (simulated)
 Actual



Three miles island 800.000 households for 20 years





Risk categories

Economic

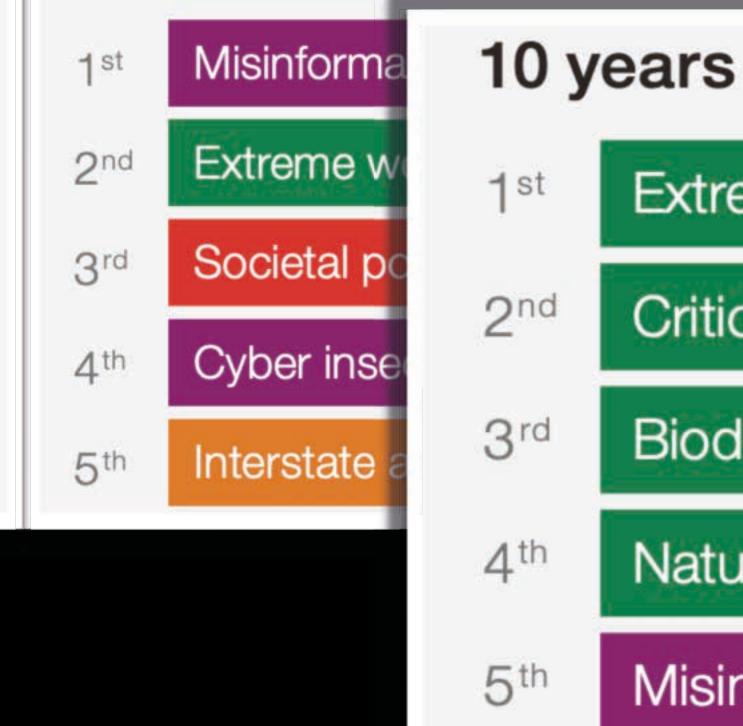
Environmental

Geopolitical

Societal

Technological







World Economic Forum - Global Risks Report (2024) https://arxiv.org/abs/2402.17485

- Extreme weather events
- Critical change to Earth systems
- Biodiversity loss and ecosystem collapse
- Natural resource shortages
- Misinformation and disinformation

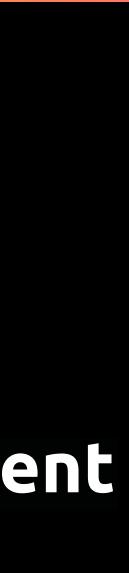


The costs of doing something: will cost 2 percent of the global economy.

Sandra Phippen **Und Economist@** ABN AMYO Bank

CLIMATE CHANGE AS A BUSINESS CASE

The costs of doing nothing: the global economy will shrink by 20 percent in the long run. At least.







INTELLIGENCE

ARTIFICIAL INTELLIGENCE

REGENERATIVE INTELLIGENCE

NTELLIGENCE





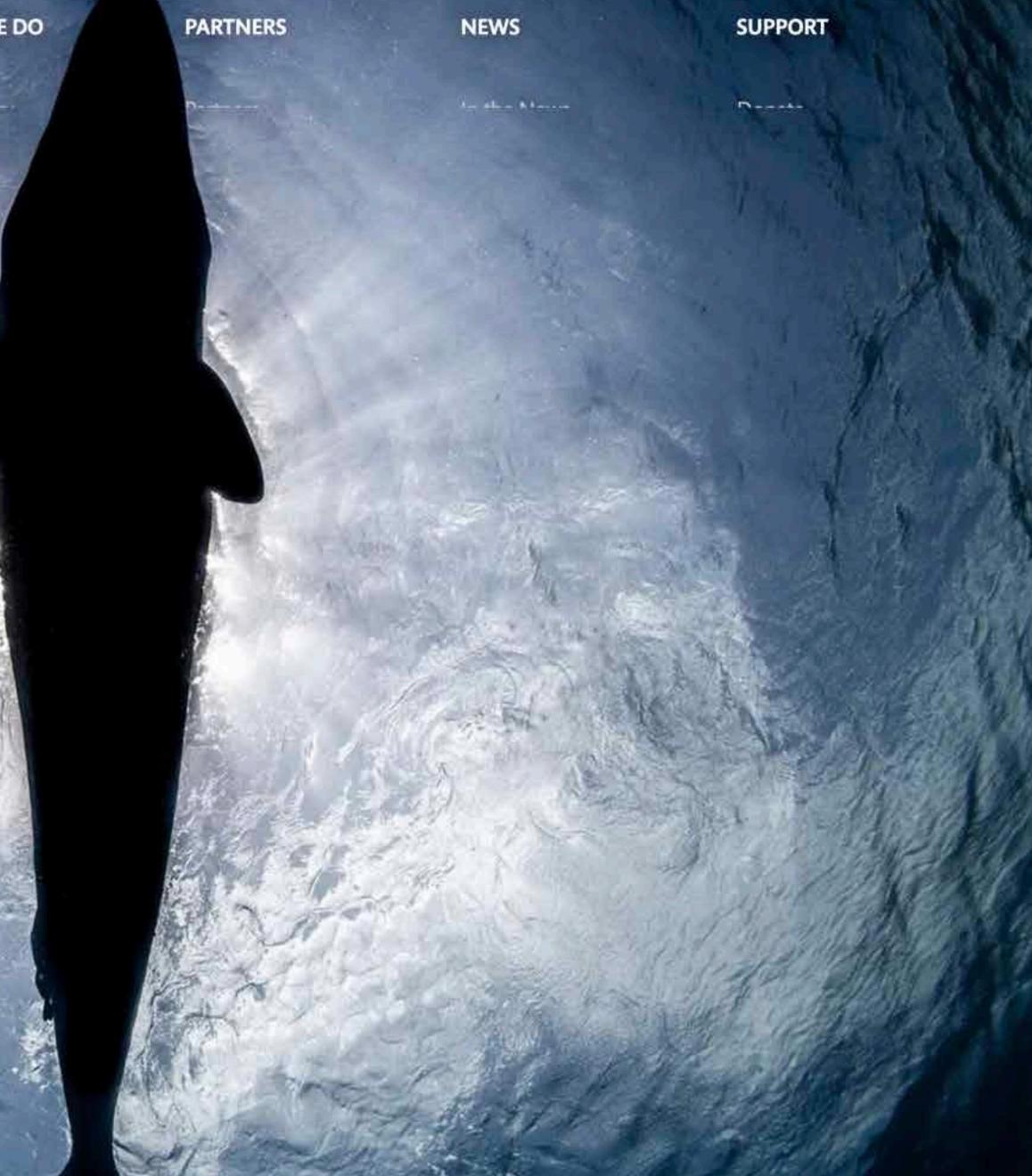


Earth Species Project

ABOUT US

WHAT WE DO

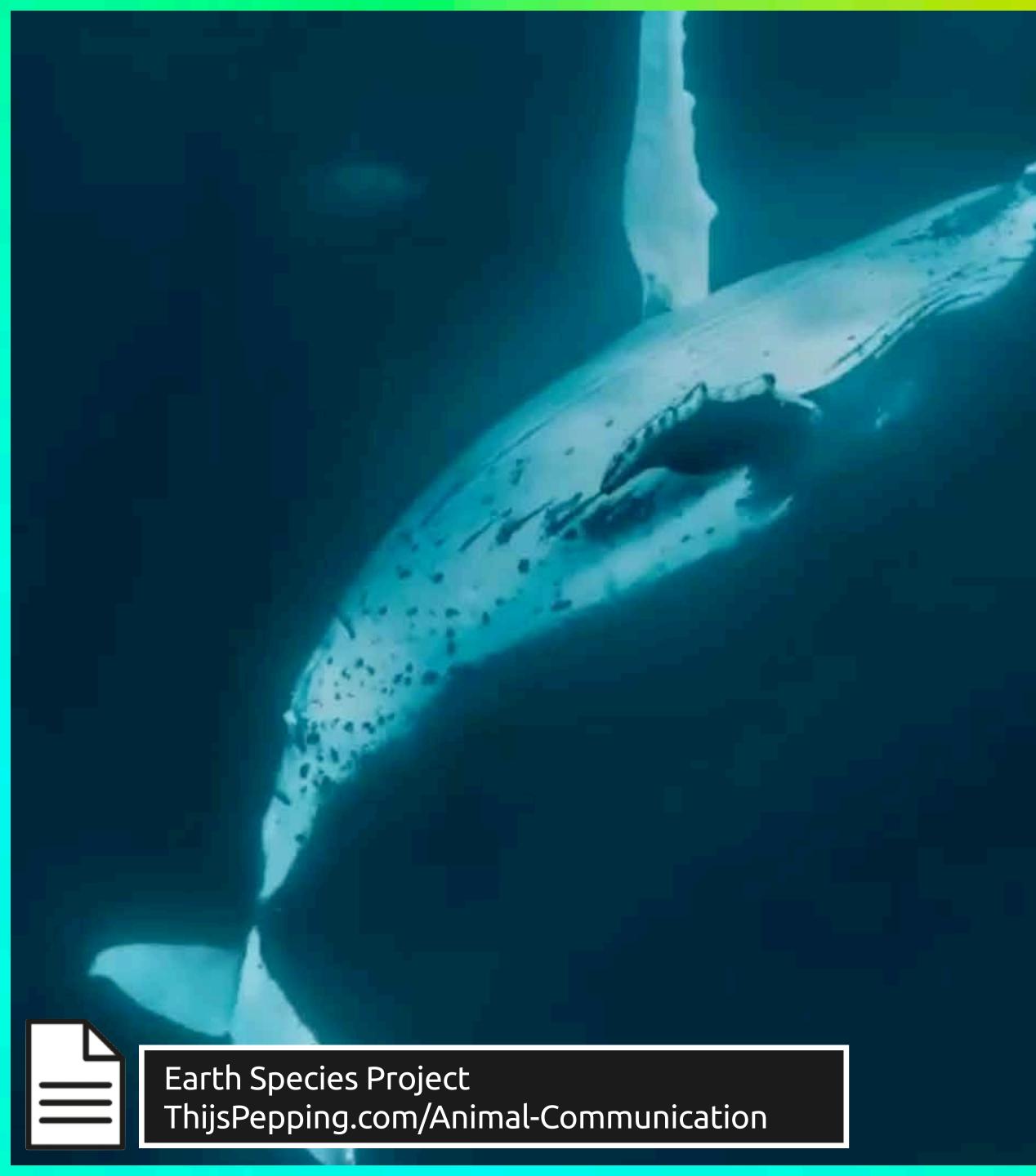
Katie Zacarian swimming with Hope, a juvenile Sperm Whale (Physeter macrocephalus) near the island of Dominica in the waters of the Eastern Caribbean Sea. Photo by Keri Wilk.





Earth Species Project ThijsPepping.com/Animal-Communication





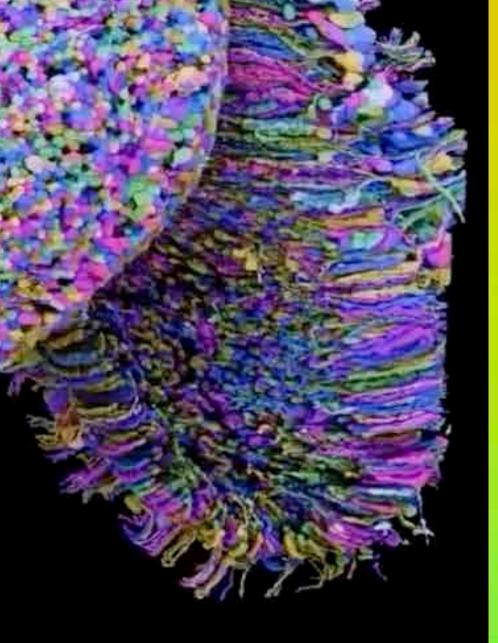
prompt generated











Lifeless molecules

A Discovery Journey into Regenerative Intelligence - Thijs Pepping

The

0

Living cell



THE INTERNATIONAL WEEKLY JOURNAL OF SCIENCE

nature

Article Open access | Published: 20 December 2023

Autonomous chemical research with large language models

Daniil A. Boiko, Robert MacKnight, Ben Kline & Gabe Gomes

Nature 624, 570-578 (2023) Cite this article

126k Accesses | 79 Citations | 944 Altmetric | Metrics

'Set it and forget it': automated lab uses AI and robotics to improve proteins

A self-driving lab system spent half a year engineering enzymes to work at higher temperatures.

INATURE COM/NATURE

How Earth's oldest rocks are revealing ancient life at home - and on Mars.

FOOTPRINTS OF

PAGE 122

HUBBLE AT 25 STAR PERFORMER

The space telescope is a tough act to follow PAGES 282 & 287

CANCER THERAPY TARGET SELECTION

Druggable Ras and precision care in sight PAGES 278 & 290

PLANETARY SCIENCE A TOUCH OF MERCURY The missing ingredient in Earth's mantle PAGES 299 & 337

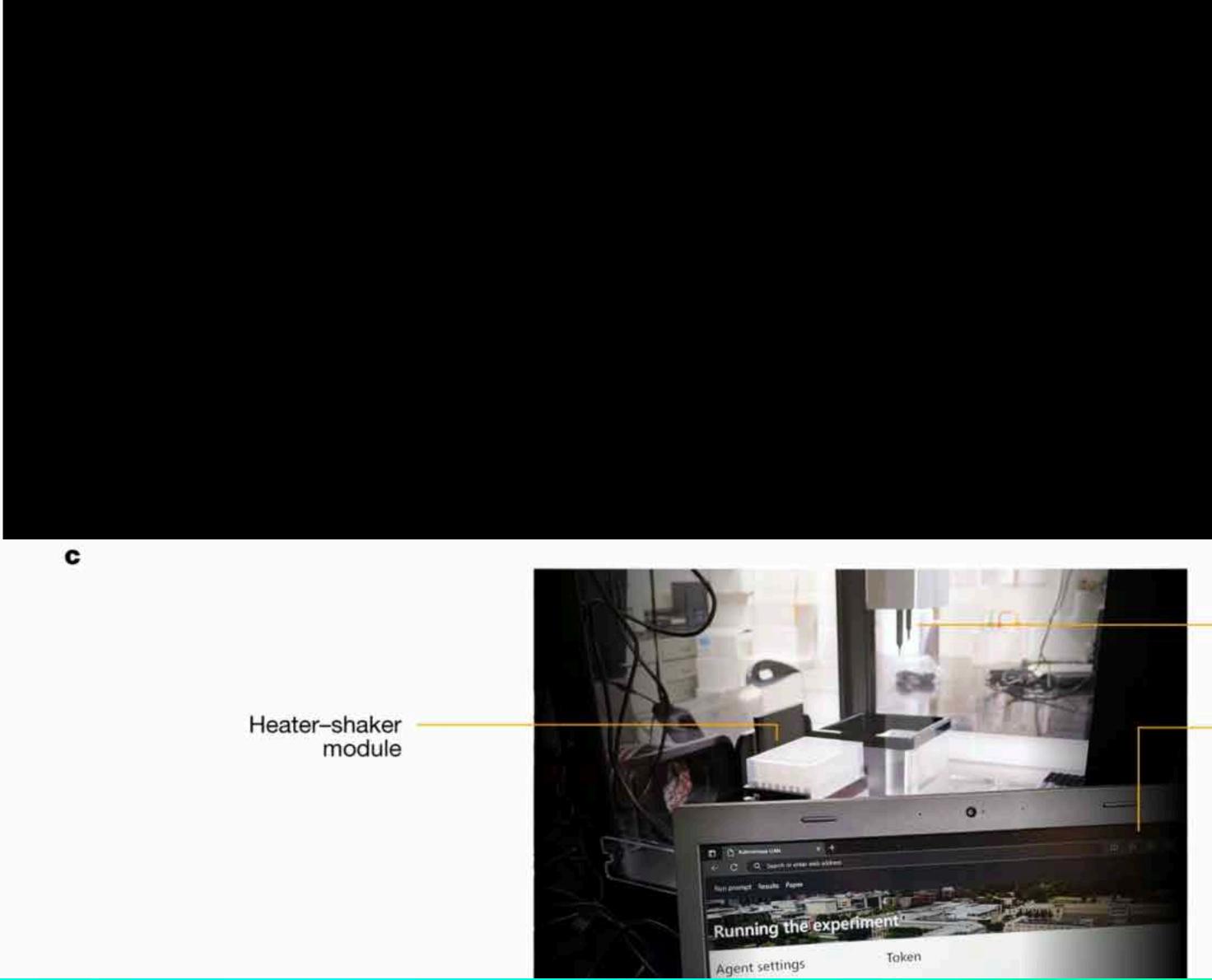
7 April 2016 \$10.0005 \$12.99CAN



From: Autonomous chemical research with large language models

а

Input prompt from scientist



	The module does not use LLMs The module uses LLMs
	Command used by LLM

Liquid handler's pipettes

Laptop, accessing a web server with deployed Coscientist

SHORT TERMISM

EMOTIONAL INTELLIGENCE

DYSLOGICAL

ADAPTIVE

HOLISTIC

HUMAN INTELLIGENCE

LONG TERMISM

AGENTIC COLLABORATIONS

AUTOMATED BIASES

ARTIFICIAL INTELLIGENCE

LONG LONG TERMISM

REGENERATIVE

ECOSYSTEM ENGINEERS

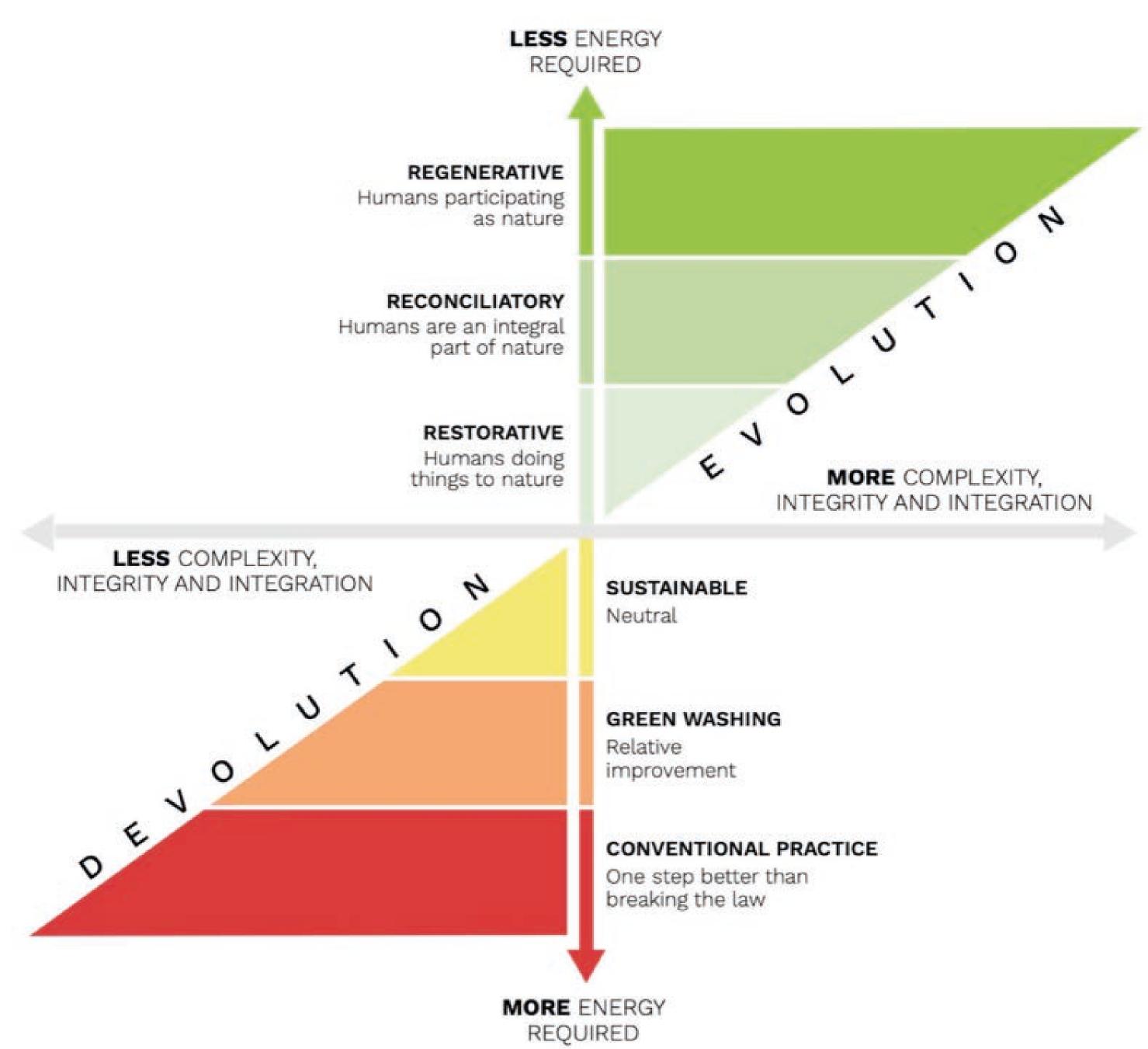
SYMBIOTIC

NATURAL INTELLIGENCE



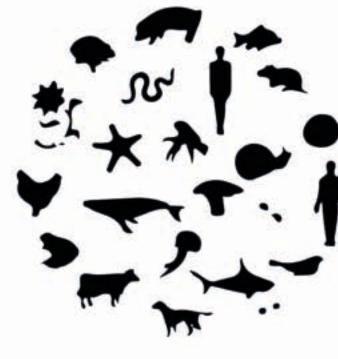






SEVA









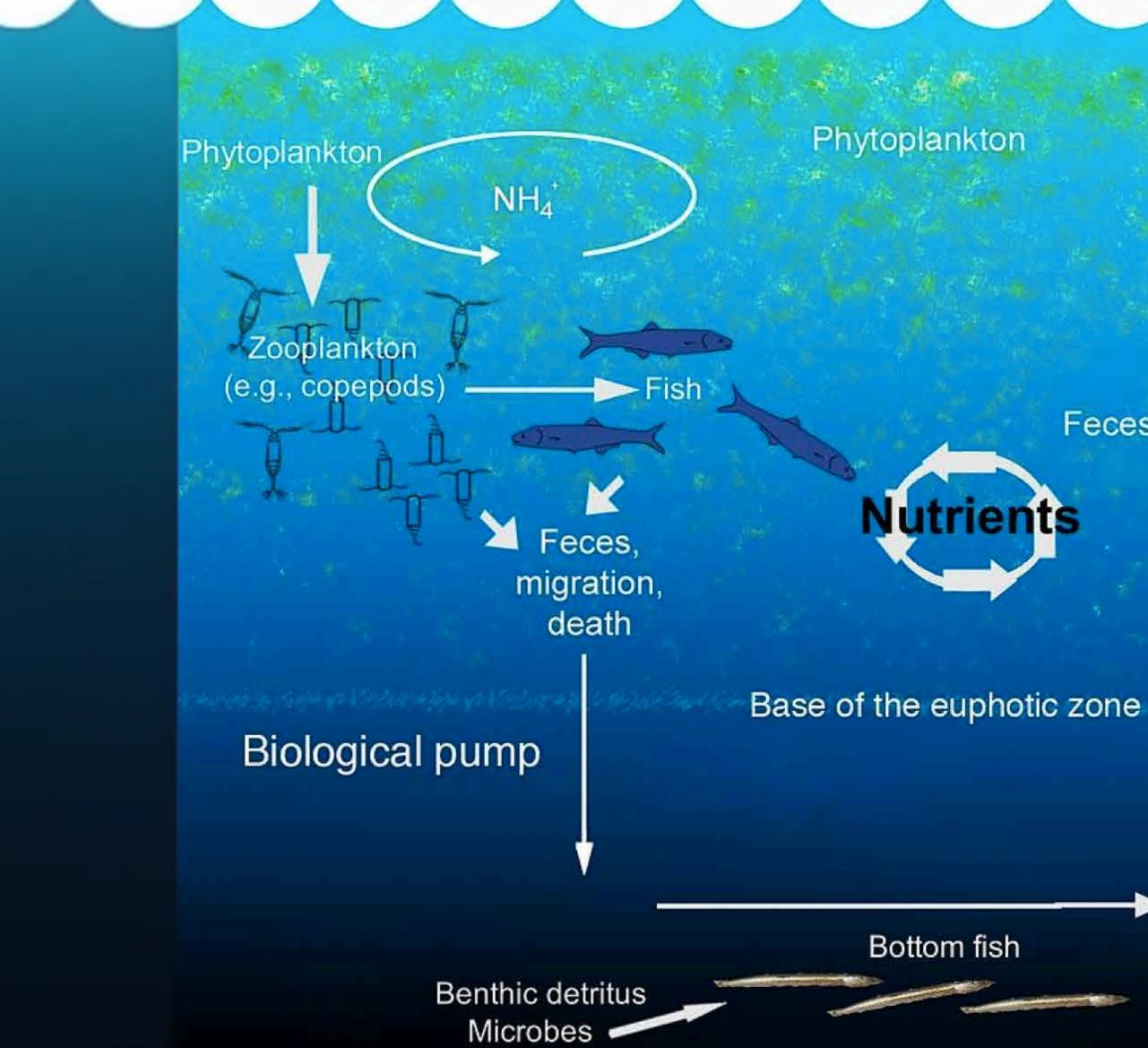








Zooplankton, Fish



Marine Mammals

Feces, urea

Zooplankton (e.g., copepods)

Phytoplanktor

Whale pump





NH



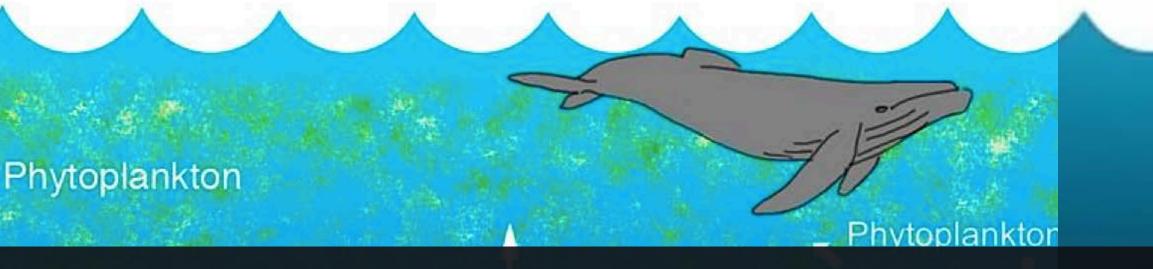
Marine Ecosystem Engineers

Biological pump

Base of the euphotic zone

Benthic detritus Microbes

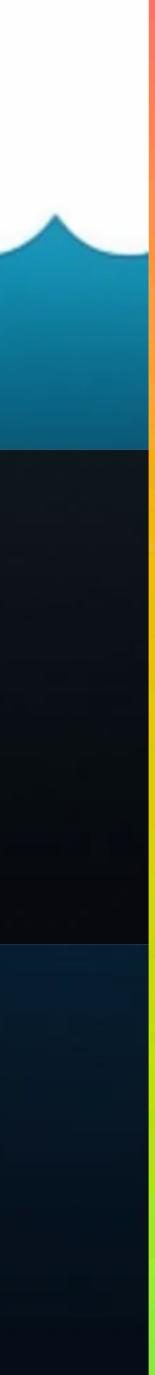
Marine Mammals



Whales as

Whale pump

Bottom fish



Zooplankton, Fish

NH

Phytoplankton

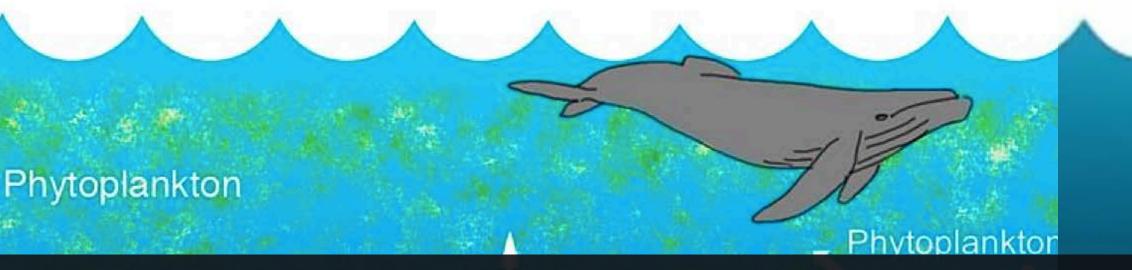
Supporting whales is an "Earth-Tech" strategy

Biological pump

Base of the euphotic zone

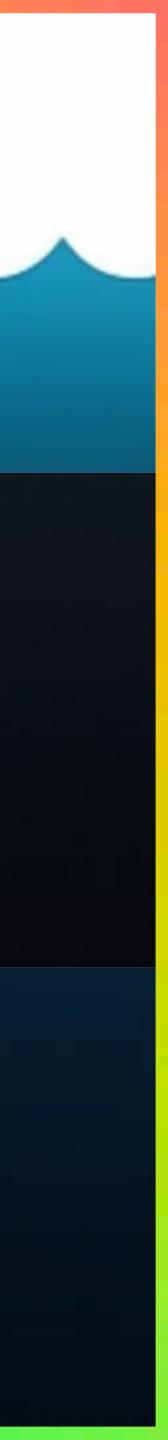
Benthic detritus Microbes .

Marine Mammals

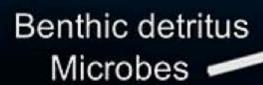


Whale pump

Bottom fish



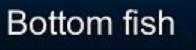


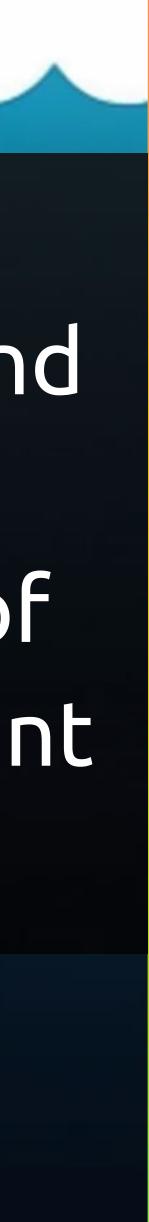


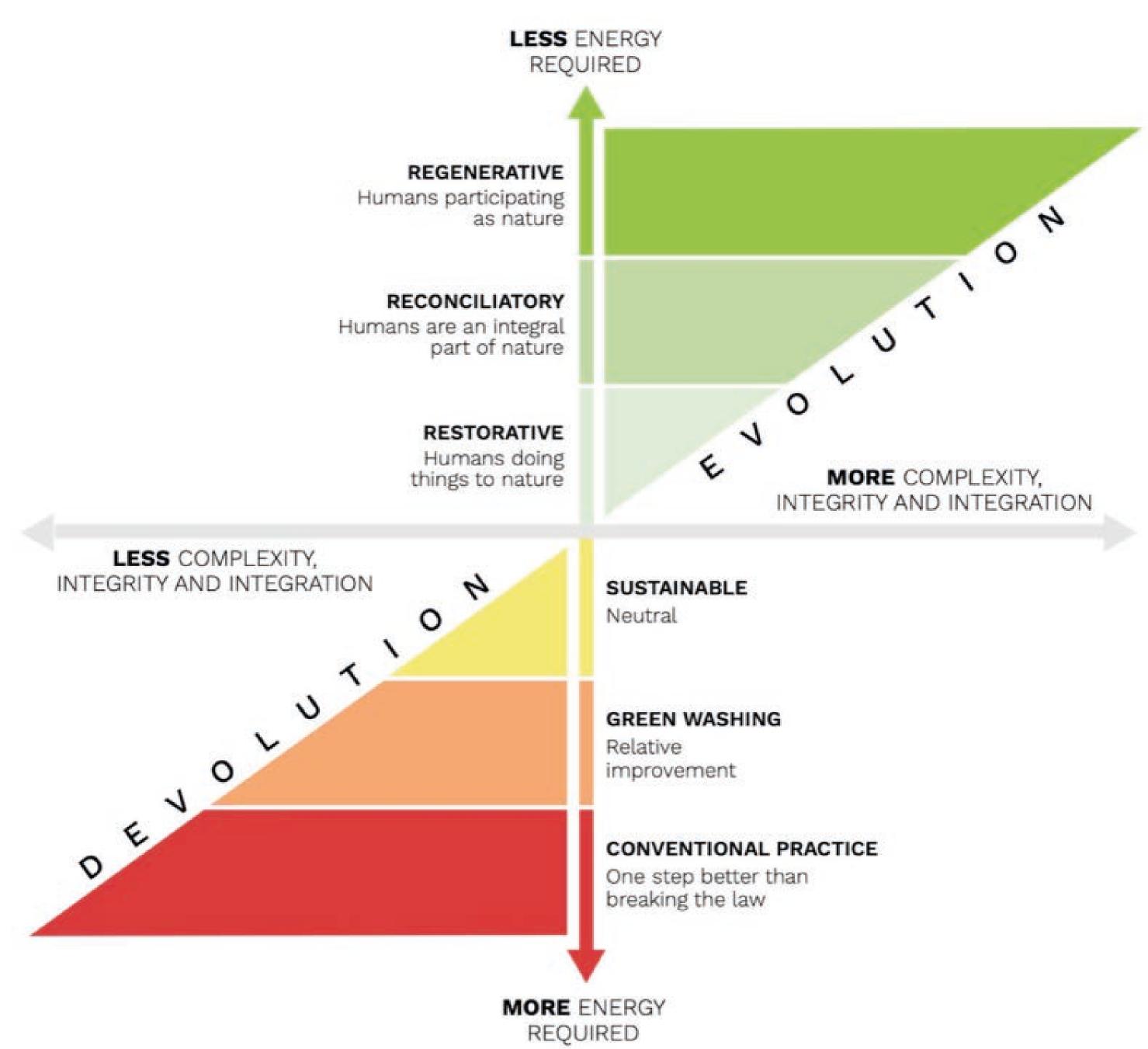
Marine Mammals

IMF:

"Since the role of whales is irreplaceable in mitigating and building resilience to climate change, their survival should be integrated into the objectives of the 190 countries that in 2015 signed the Paris Agreement for combating climate risk."

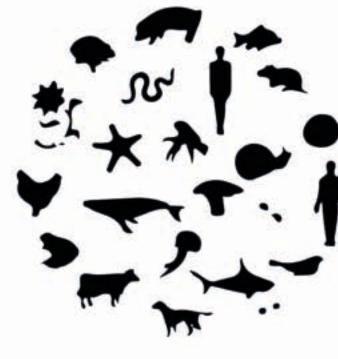






SEVA













Intelligence

OUR WORLDVIEW













FOREST BATHING







There's only one moment in which you can arrive in time. If you're not there, you're either too early or too late.





To win you have to score one more goal than your opponent.





You will only see it when you get it.



Glenn Albrecht

Philosopher new "psychoterratic" emotions



Symbiocene

The period after the Anthropocene, characterized by mutually beneficial relationships between humans and the natural world. This era emphasizes cooperation, restoration, and sustainability.

Glenn Albrecht

Philosopher new "psychoterratic" emotions





Psycho-terratic identity

The idea that our mental health and identity are deeply rooted in the earth and the landscapes in which we live. Loss or degradation of these landscapes can lead to psychological and emotional problems.

Glenn Albrecht

Philosopher new "psychoterratic" emotions





Conscious technology - Designed to create awareness about the societal and ecological impact of human behavior. It makes the ecological effects of consumption transparent.

> **Deep Technology -** Deep technology refers to innovations based on significant scientific and technical breakthroughs. These technologies push the boundaries of technology and include, for example, autonomous robots and advanced ICT solutions.

> > **Techno Sobriety -** Represents the conscious, responsible use of technology to avoid excess and waste. The goal is to reduce the ecological footprint of technology by extending the lifespan of hardware and reducing the impact of digital consumption behavior.

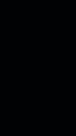
Eco-Algorithms – AI systems designed to operate in harmony with natural ecosystems, optimizing for sustainability and resource regeneration rather than exploitation. This reflects the integration of technology into environmental cycles .

Symbiotic Tech – A term describing a symbiotic relationship between AI and biological systems, where AI enhances and learns from nature's resilience and adaptability, functioning as a cooperative partner.

WEARE NATURE AI CAN ACCELERATE THIS PARADIGM SHIFT IT MAY FEEL AWKWARD AT FIRST, BUT THE SOONER YOU EMBRACE IT, THE GREATER THE BENEFIT

















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