



Nature 2.0: A Positive (and Buildable) Vision of the Future

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@trentmc0
Ocean Protocol



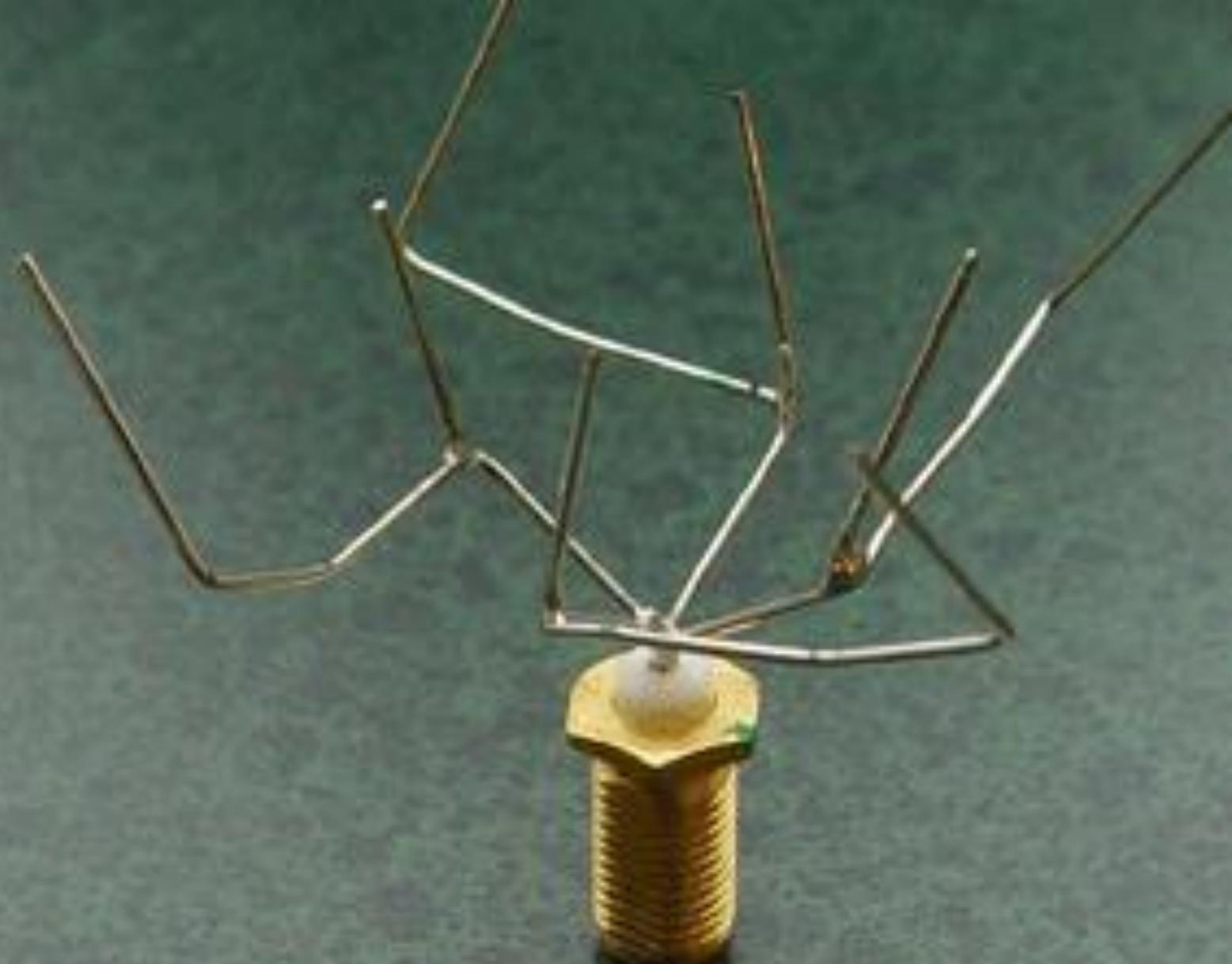
Trucking
3.5M jobs



Retail
4.6M jobs



Creative jobs?



In an age of AI,
How to feed our families?
Achieve abundance?



Nature 1.0





Nutrients

A landscape photograph showing a dense forest of tall evergreen trees against a dramatic sky filled with white and grey clouds. The foreground is dark and shadowed. In the top right corner, there is a solid black rectangular box containing the word "Rain" in a large, white, sans-serif font.

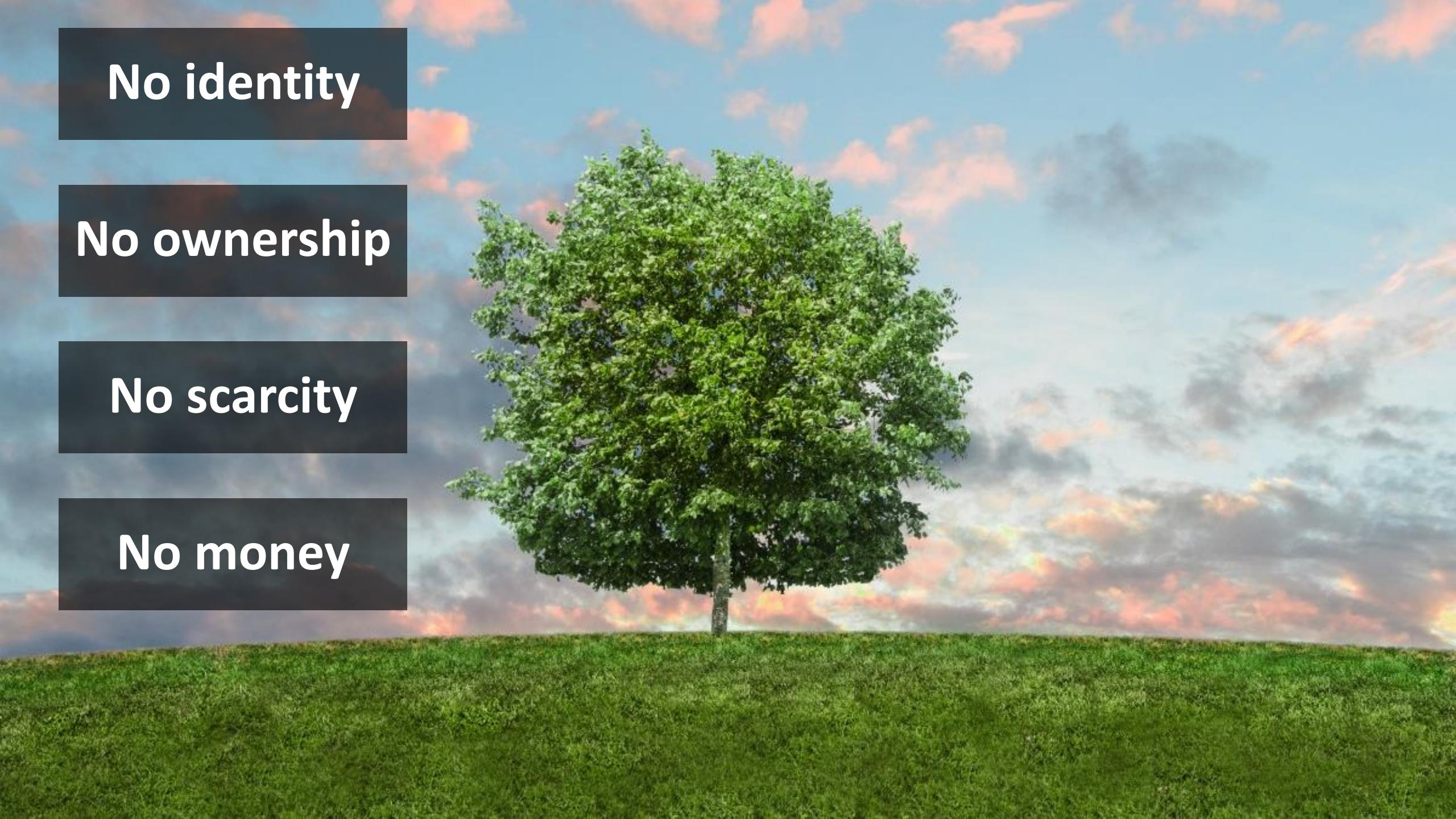
Rain



Sun

A squirrel with a brown and white striped back and a bushy tail is perched on a thick, textured tree branch. It is facing right, with its front paws near its mouth as if it's eating. The background is a soft-focus view of dense green foliage.

Symbiosis with
animals

A photograph of a single, mature green tree standing alone on a grassy hill. The tree has a dense canopy of leaves. The background is a dramatic sky filled with large, fluffy clouds colored in shades of orange, yellow, and blue, suggesting either sunrise or sunset. The foreground is a bright, green grassy field.

No identity

No ownership

No scarcity

No money

A photograph of a single, mature green tree standing alone on a grassy hill. The background is a dramatic sky filled with orange, pink, and purple clouds at sunset or sunrise. The tree has a thick trunk and a wide canopy of green leaves.

No identity

No ownership

No scarcity

No money

It just *is.*

Self-sustaining
Anti-fragile

The background image shows a majestic mountain range at sunrise or sunset. The sky is filled with dramatic, colorful clouds in shades of orange, yellow, and blue. A bright sun is visible on the horizon behind the mountains. In the foreground, there are dark silhouettes of evergreen trees and some low-hanging clouds or mist.

**Ever-higher levels
of integration.**

**From beasts →
ecosystems**

**Each ecosystem
just *is*.**

**Self-sustaining
Anti-fragile**

**Mother Earth =
our planet's
ecosystem.**

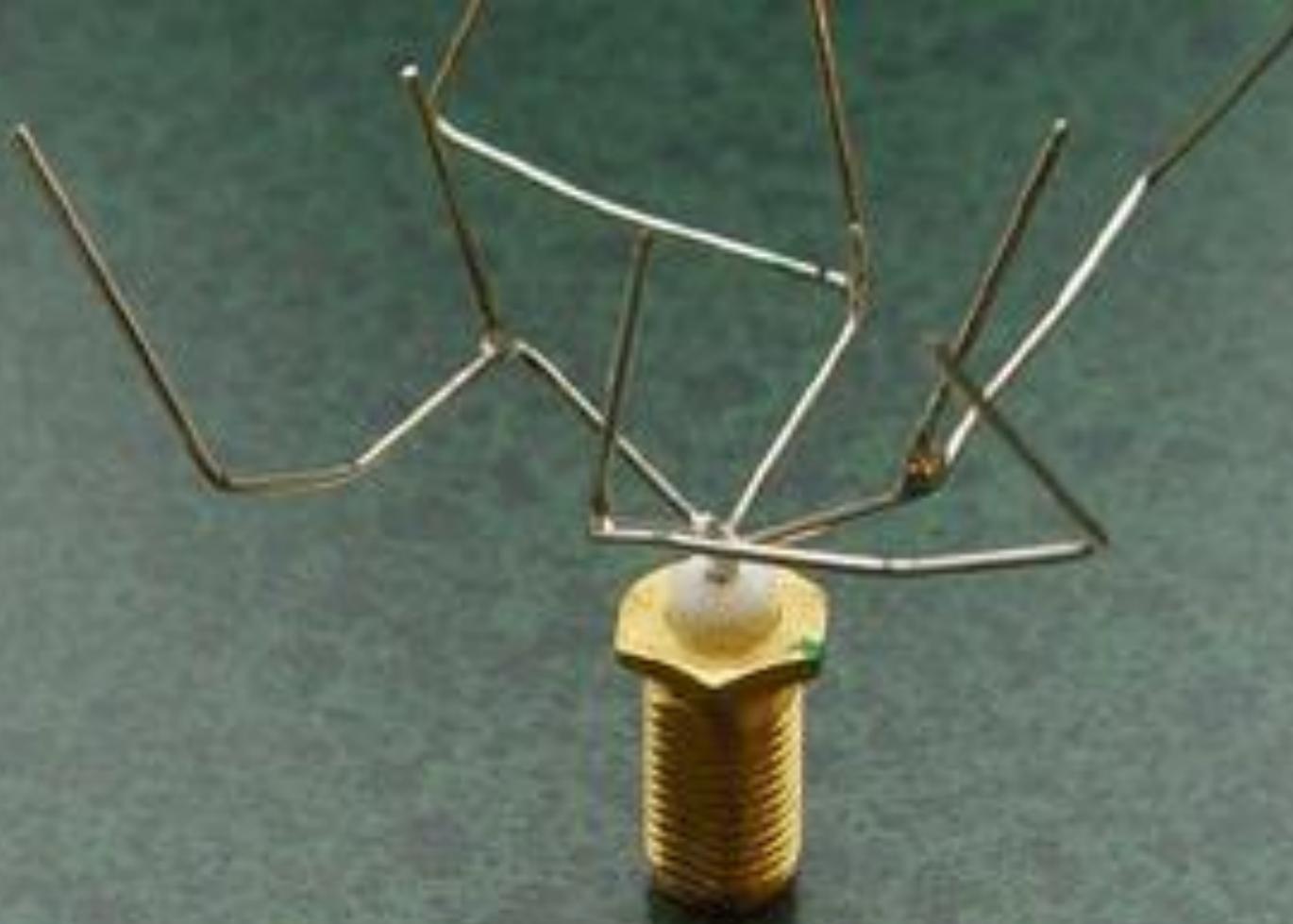
**Nature is the
cradle of
civilization.**



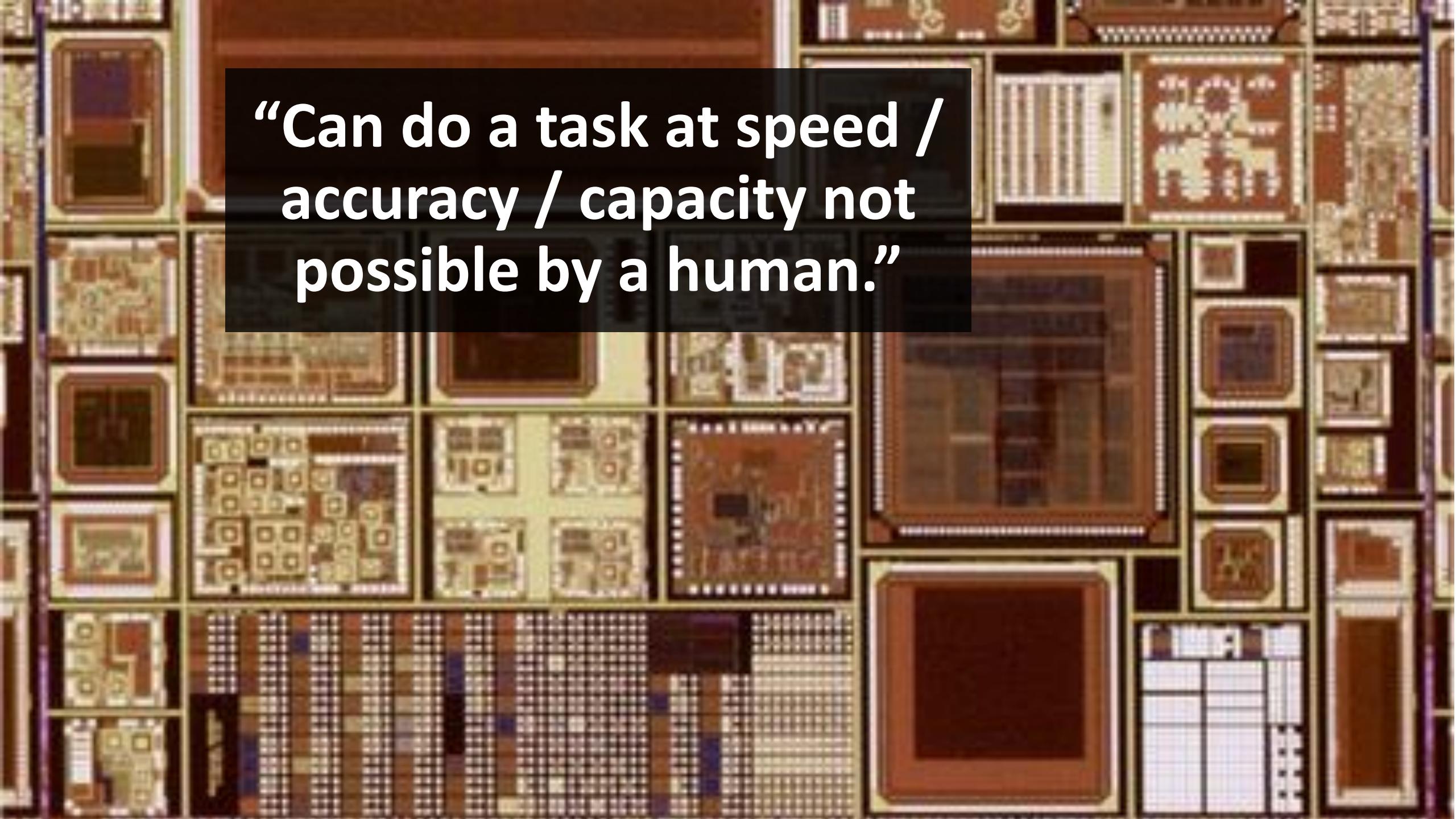
Ways to frame AI

“Replicates human cognitive behavior” [Turing test]





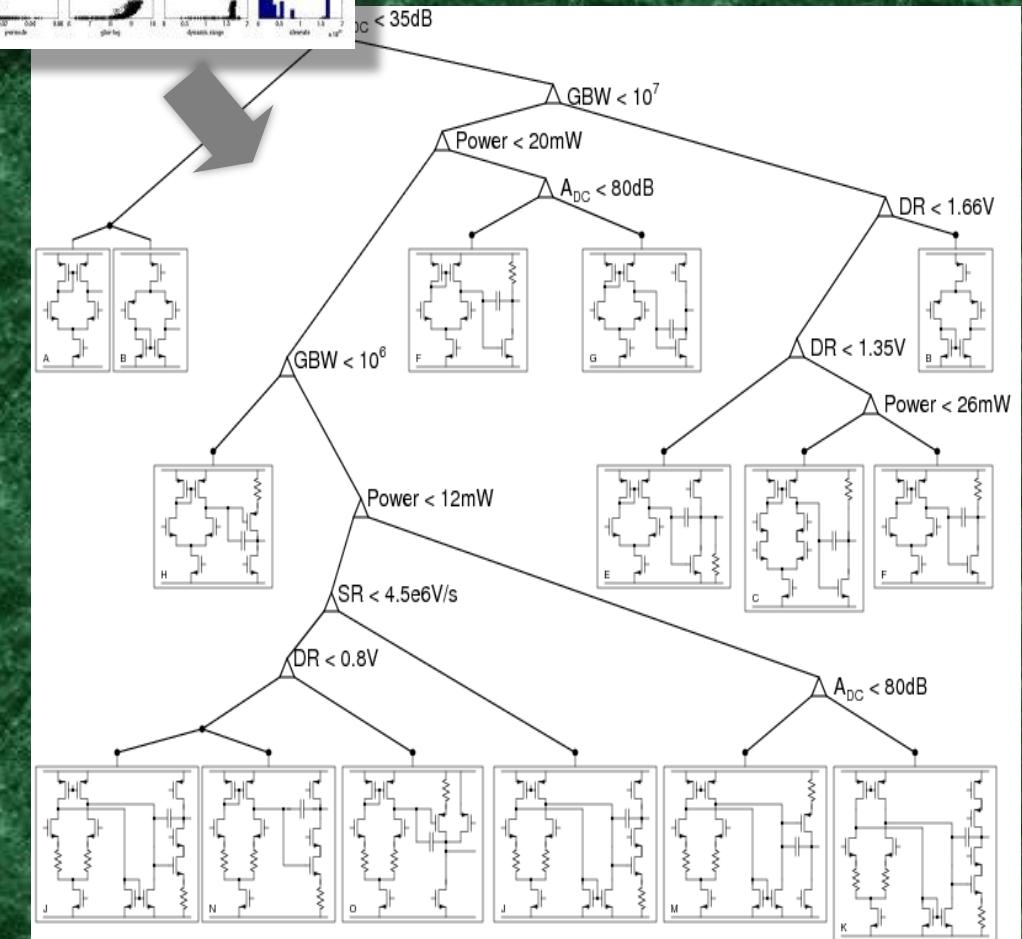
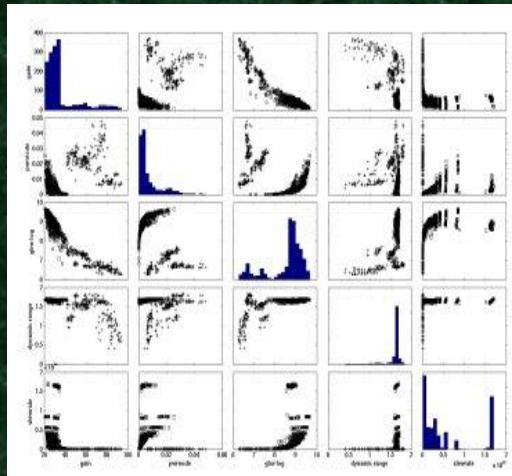
“Can do tasks that only a
human could previously do”



**“Can do a task at speed /
accuracy / capacity not
possible by a human.”**

“A set of tools”

- Classification
- Regression
- Knowledge extraction
- Optimization
- ...





“Embodied agents” (AGI)

Ways to frame blockchain



The image shows a series of five modern office buildings with curved, glass-fronted facades. They are set against a clear, bright blue sky. The buildings are arranged in a staggered pattern, with one prominent building on the left and four others following its curve to the right. The word "ORACLE" is visible in capital letters on the side of the third building from the left.

“Decentralized database”

INSIDE: A 12-PAGE SPECIAL REPORT ON COLOMBIA

The Economist

OCTOBER 31ST-NOVEMBER 6TH 2015

Economist.com

- 007 and the spectre of Britain's past
- Turkey votes to the sound of bombs
- Those ever-creative accountants
- America takes the fight to IS
- Coywolves: the new superpredator

The trust machine

How the technology behind bitcoin could change the world



**“Trust machine” :
minimizes trust needed
to operate.**

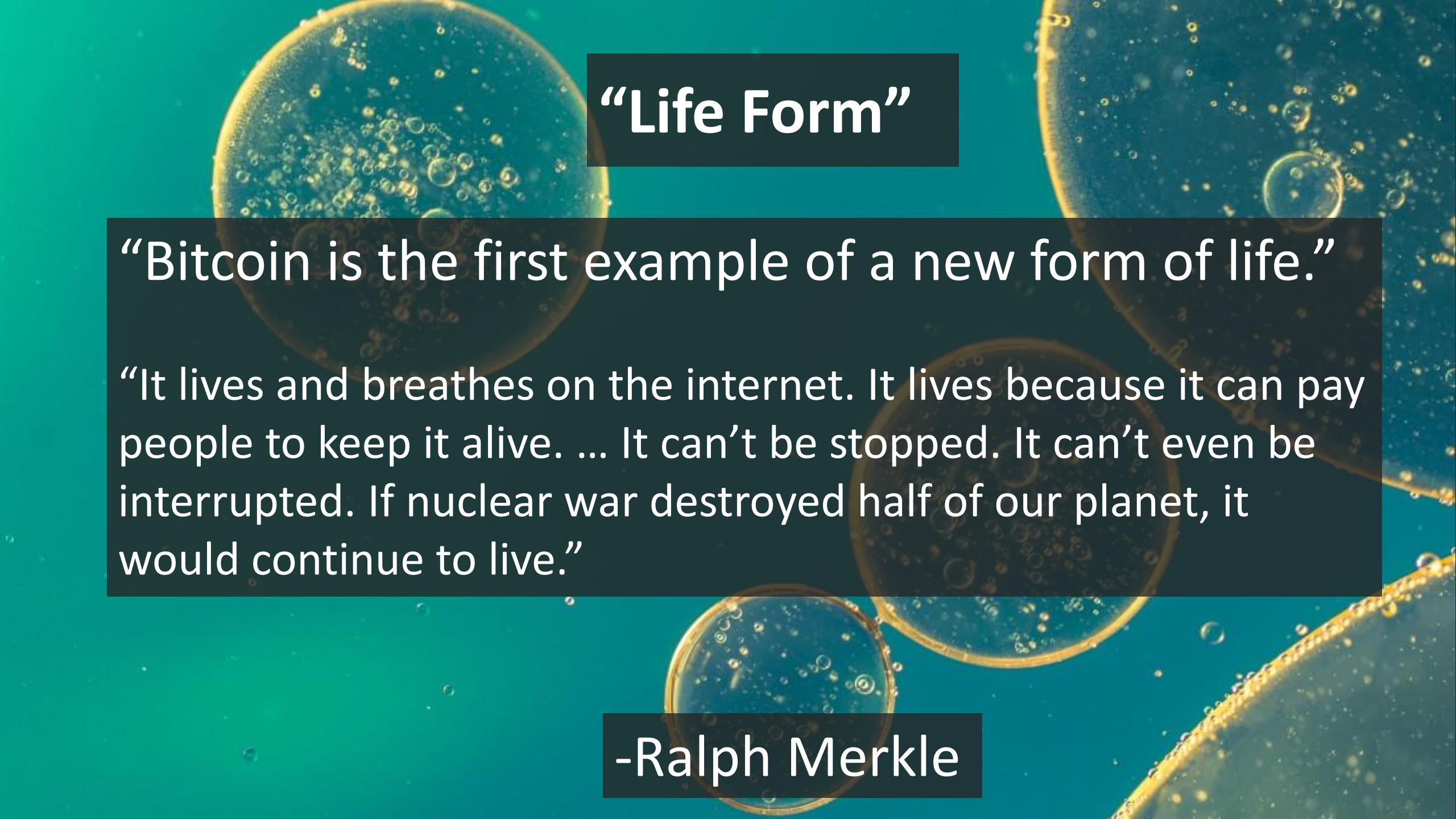
“Public Utility Network”

Self-sustaining, anti-fragile





“Self-owning
robot plants”
(Plantoids)

A microscopic image showing several large, circular, yellowish-green microorganisms against a dark blue background. Smaller, similar particles are scattered throughout the field of view.

“Life Form”

“Bitcoin is the first example of a new form of life.”

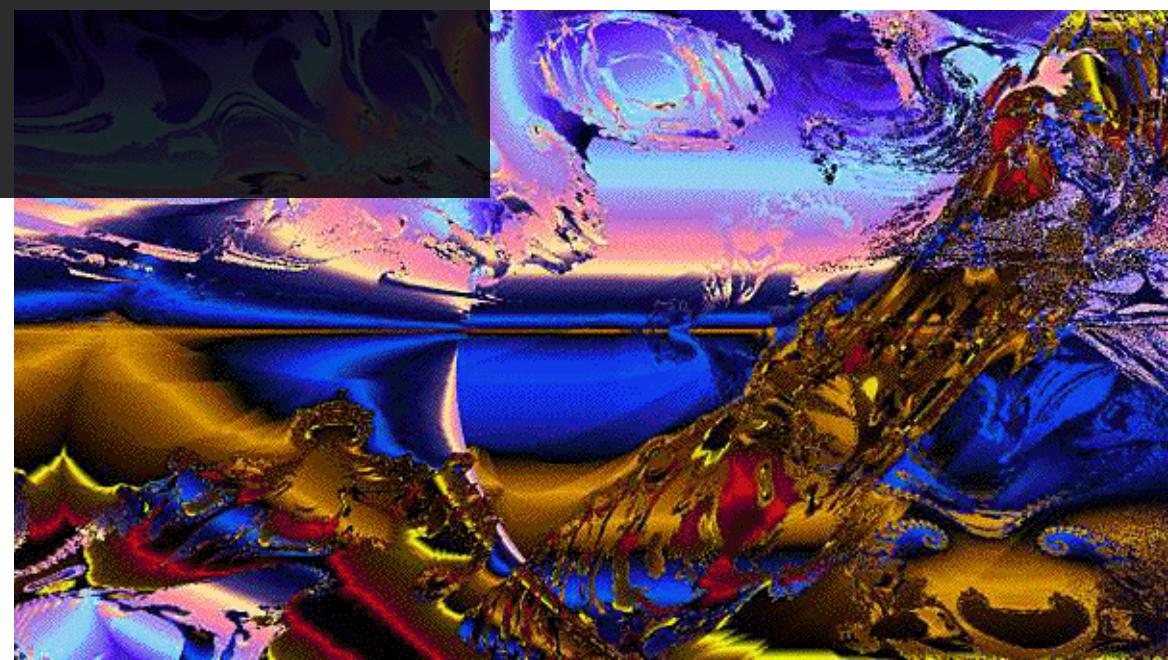
“It lives and breathes on the internet. It lives because it can pay people to keep it alive. ... It can’t be stopped. It can’t even be interrupted. If nuclear war destroyed half of our planet, it would continue to live.”

-Ralph Merkle

AI * Blockchain: Self-owning AIs

Consider...

1. An AI is running on a blockchain.
2. The AI generates a new image.
3. Sell image on a marketplace
4. Repeat!

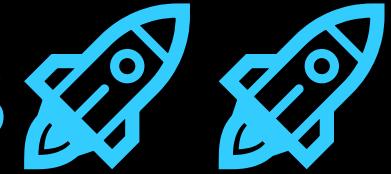


DAO: Decentralized Autonomous Organization

Software that

- runs autonomously
- on public utility networks, aka blockchains
- with its own wallet -- can own stuff

Self-owning AIs: AI software running as DAOs

Nature 2.0
=self-owning Als 



**Self-owning robot
plants: Plantoids**



A white Audi R8 sports car is parked on the right side of a two-lane asphalt road that curves through a green, hilly landscape under a blue sky with scattered clouds. The car's license plate reads "D RT BB 221". In the bottom left corner, a dark rectangular overlay contains the text "Self-driving,
self-owning cars" in large, white, sans-serif font.

Self-driving,
self-owning cars

Self-driving, self-owning trucks

FREIGHTLINER



An aerial photograph of a winding asphalt road through a mountainous area. The road curves repeatedly, following the contours of the hillside. The surrounding terrain is covered in patches of green and yellow vegetation, likely grass or low shrubs, with some rocky areas. The lighting suggests it might be late afternoon or early morning.

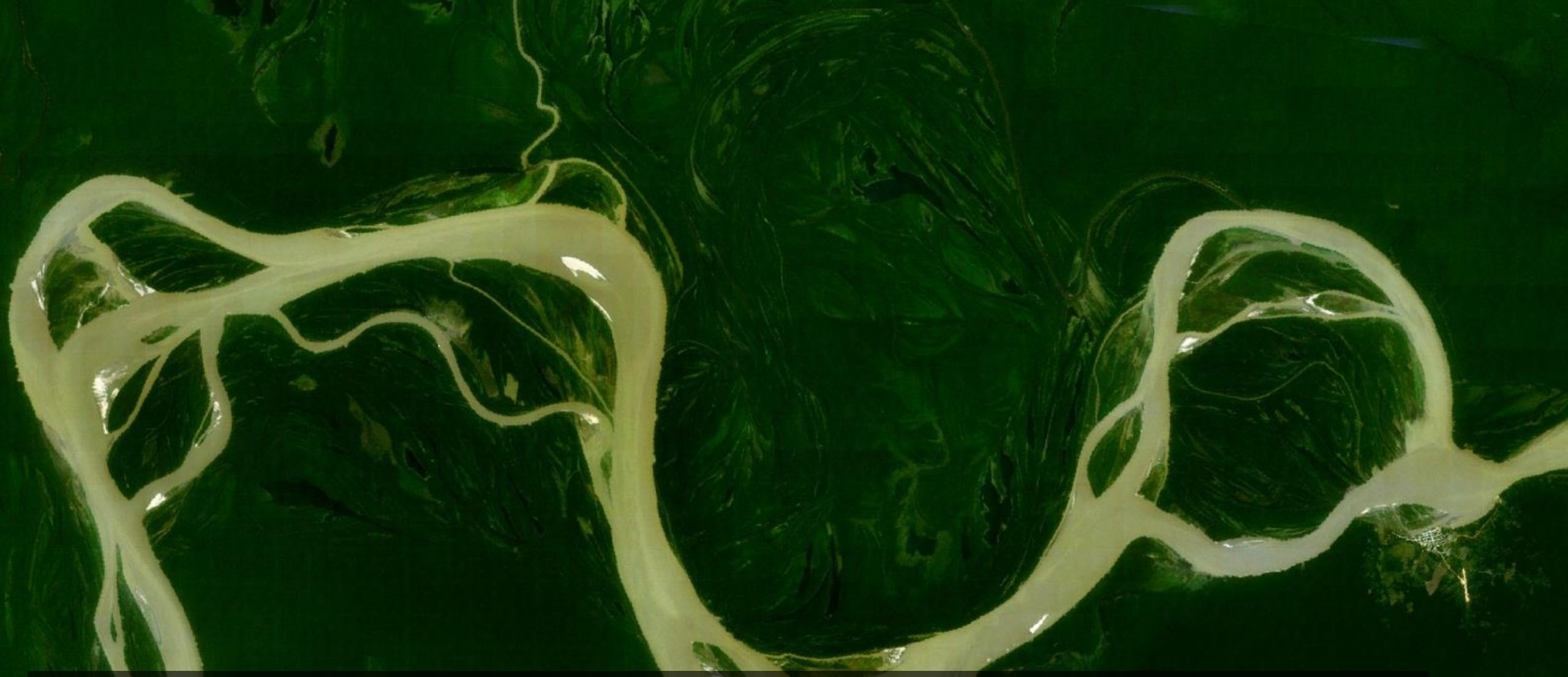
**Self-owning
roads**

The background image shows several wind turbines silhouetted against a vibrant sunset or sunrise sky. The sky transitions from deep blue at the top to bright orange and yellow near the horizon, with wispy clouds scattered across it.

Self-owning wind farms

Self-owning grid





**Self-owning river: The Amazon
V2: with AI decisions & blockchain resources**



A photograph of a dense forest. Sunlight filters through the tall, thin trunks of coniferous trees, creating bright highlights on the dark green foliage and the forest floor. The foreground is filled with the intricate textures of tree roots and low-growing plants.

Self-owning forest “Terra0”

A white Audi R8 sports car is shown from a rear three-quarter perspective, driving away on a paved road that curves through a lush, green rural landscape under a blue sky with scattered clouds.

No identity

No ownership

No scarcity

No money

It just *is.*

Self-sustaining
Anti-fragile

**Ever-higher levels
of integration.**

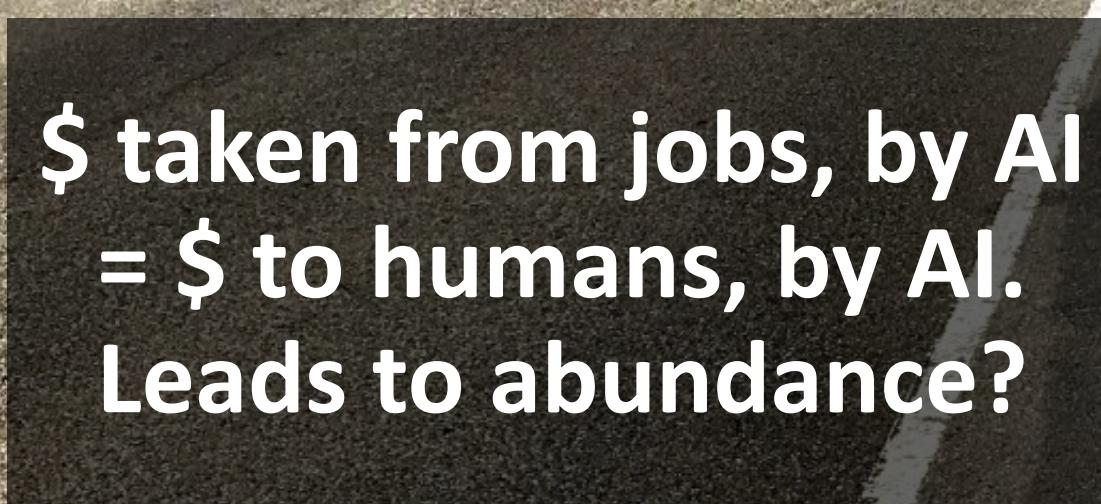
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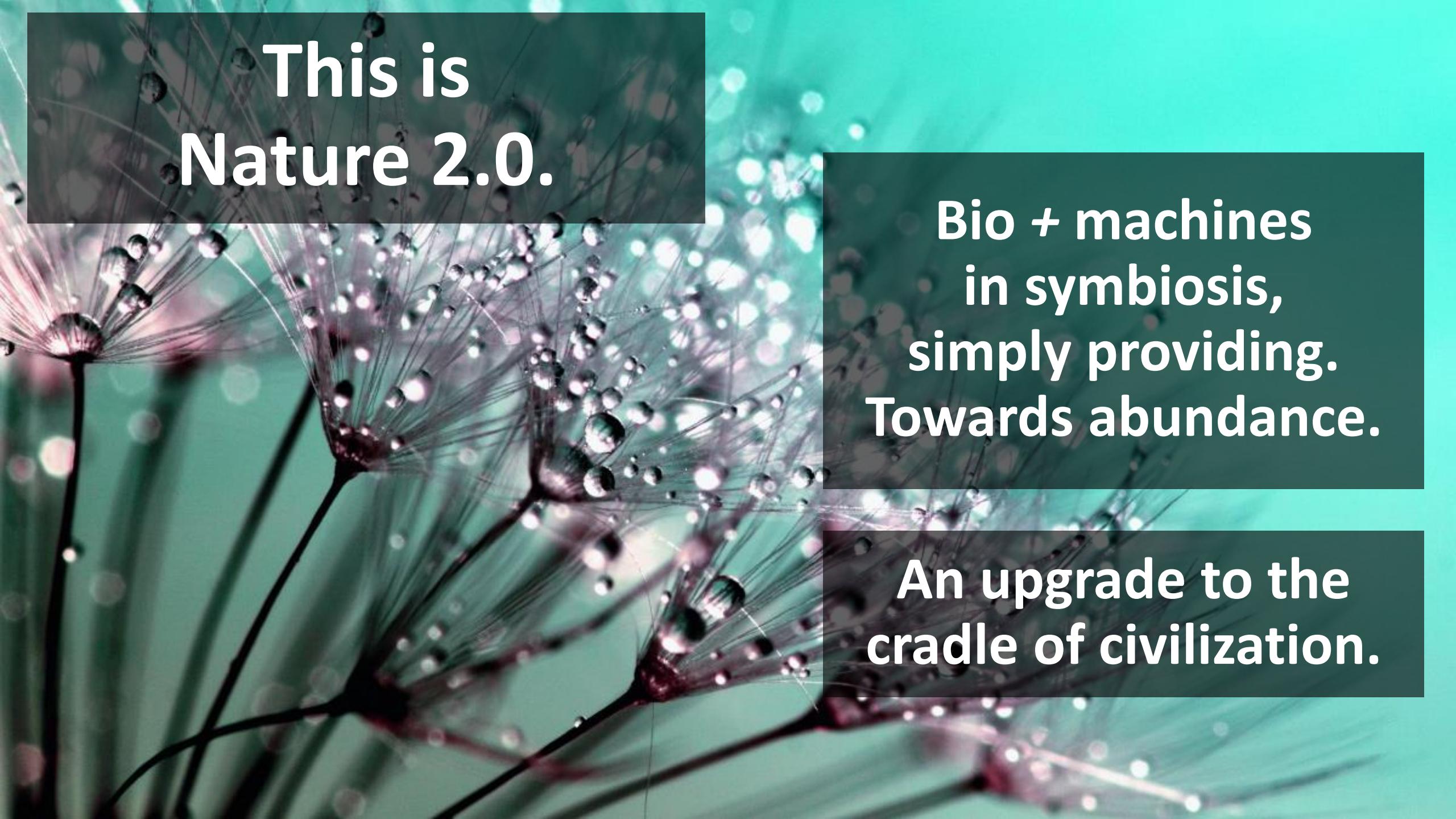


Next trick:
Surplus \$\$ goes to all
humans, equally



\$ taken from jobs, by AI
= \$ to humans, by AI.
Leads to abundance?





This is
Nature 2.0.

Bio + machines
in symbiosis,
simply providing.
Towards abundance.

An upgrade to the
cradle of civilization.

Can we build this?

It's getting built!

**Global
public utility
networks for
data & AI**



**Level
playing
field for AI**

**Platform
for self-
owning
AIs**



**Nature 2.0:
Self-owning
AIs at scale,
with surplus
to USI**

Conclusion

A close-up photograph of a Shiba Inu dog's face. The dog has a light tan or cream-colored coat with darker brown markings on its ears and around its eyes. Its eyes are dark and expressive, and it has a small black nose. The background is slightly blurred, showing some indoor elements like a bookshelf and flowers.

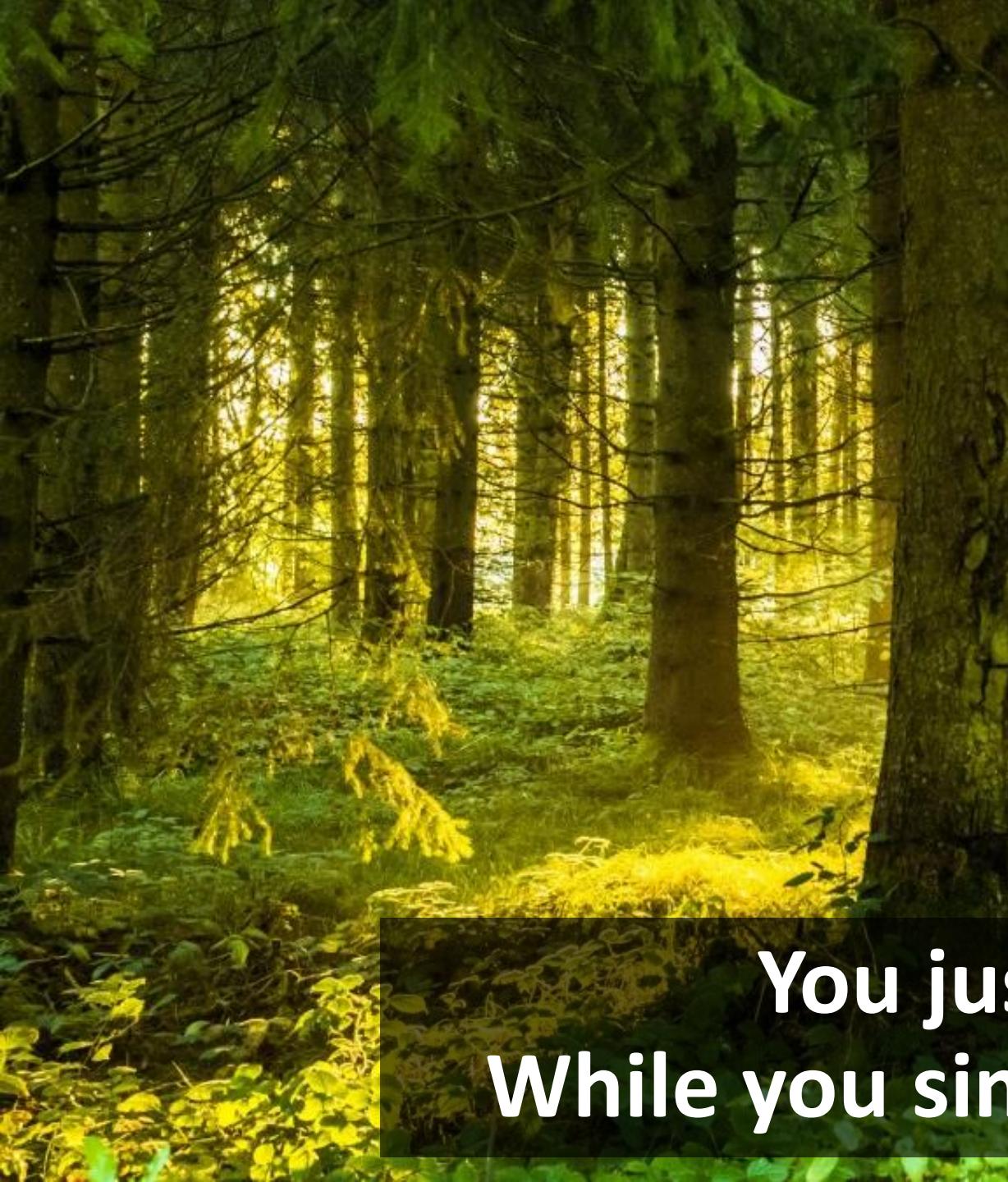
In the internet,
no one knows
you're a dog(e)

A photograph of a dense forest. Sunlight filters through the tall, thin trunks of coniferous trees, creating bright vertical streaks of light against the dark green foliage. The forest floor is covered in a mix of green undergrowth and fallen leaves. In the foreground, there's a cluster of low-lying green plants.

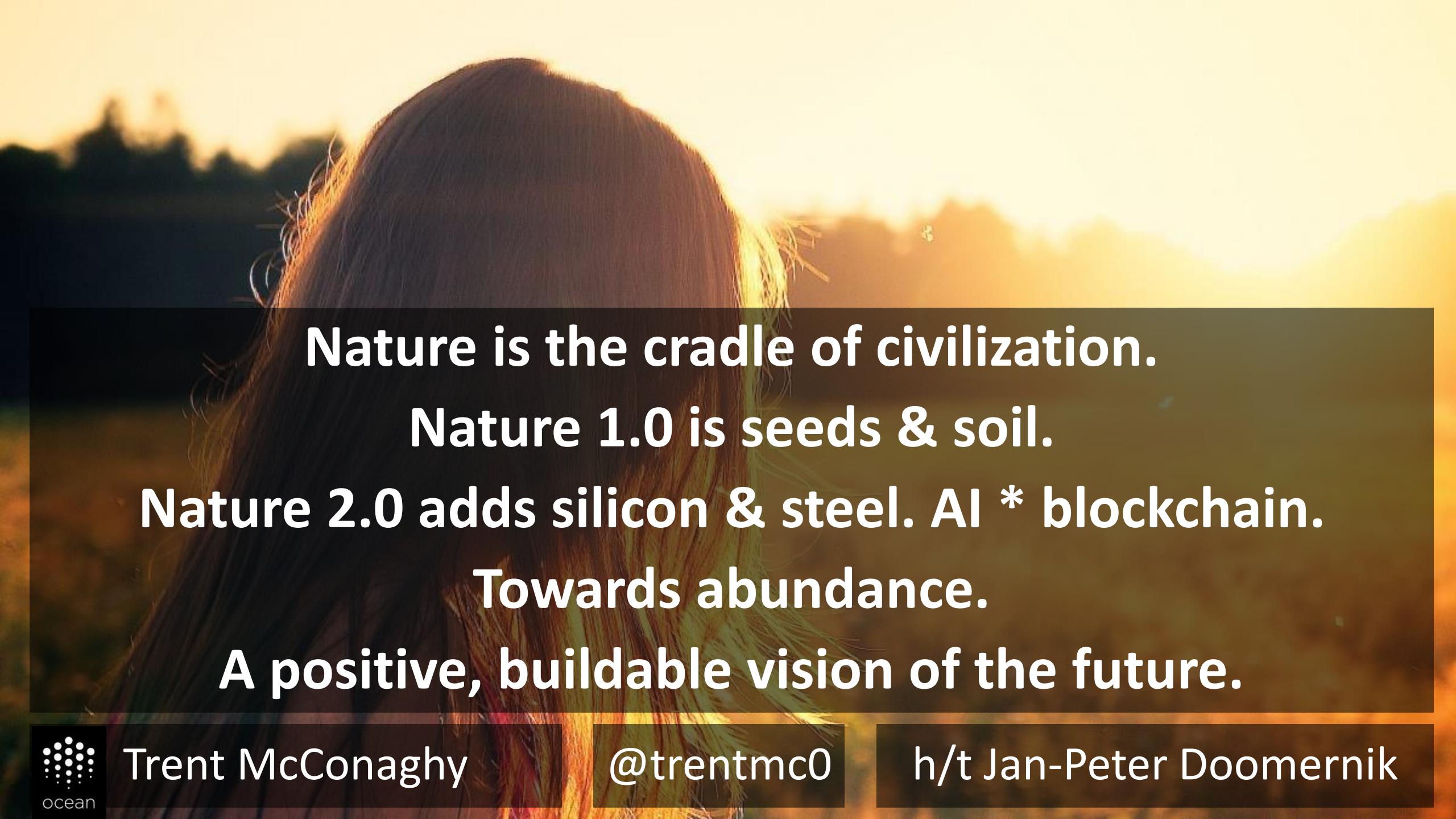
In Nature 2.0,
no one knows
you're a forest



In Nature 2.0,
no one knows
you're a grid



You just *are*.
While you simply *provide*.



Nature is the cradle of civilization.
Nature 1.0 is seeds & soil.
Nature 2.0 adds silicon & steel. AI * blockchain.
Towards abundance.
A positive, buildable vision of the future.



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h/t Jan-Peter Doornenik