Starships and tokens:
A path to human self-actualization

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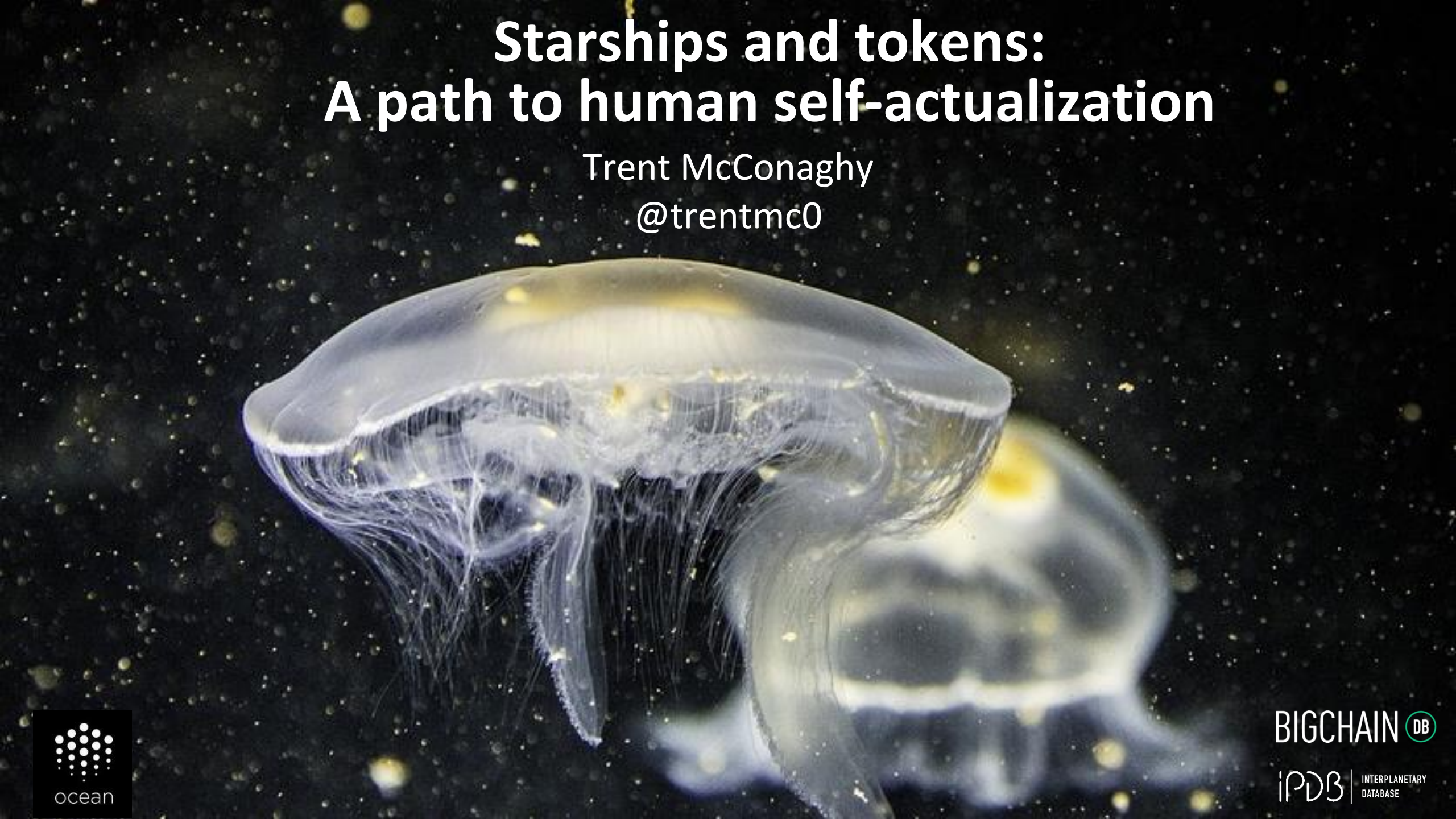


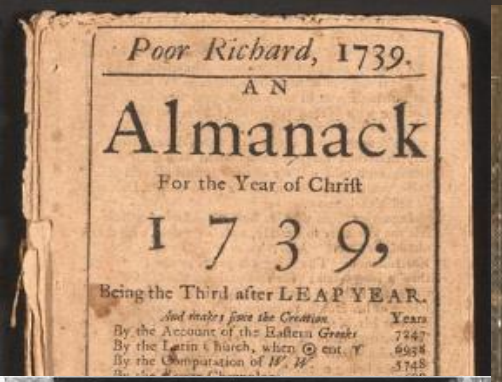
ocean

BIGCHAIN DB

IPDB | INTERPLANETARY DATABASE

Humans

“Getting by”


Poor Richard, 1739.

AN

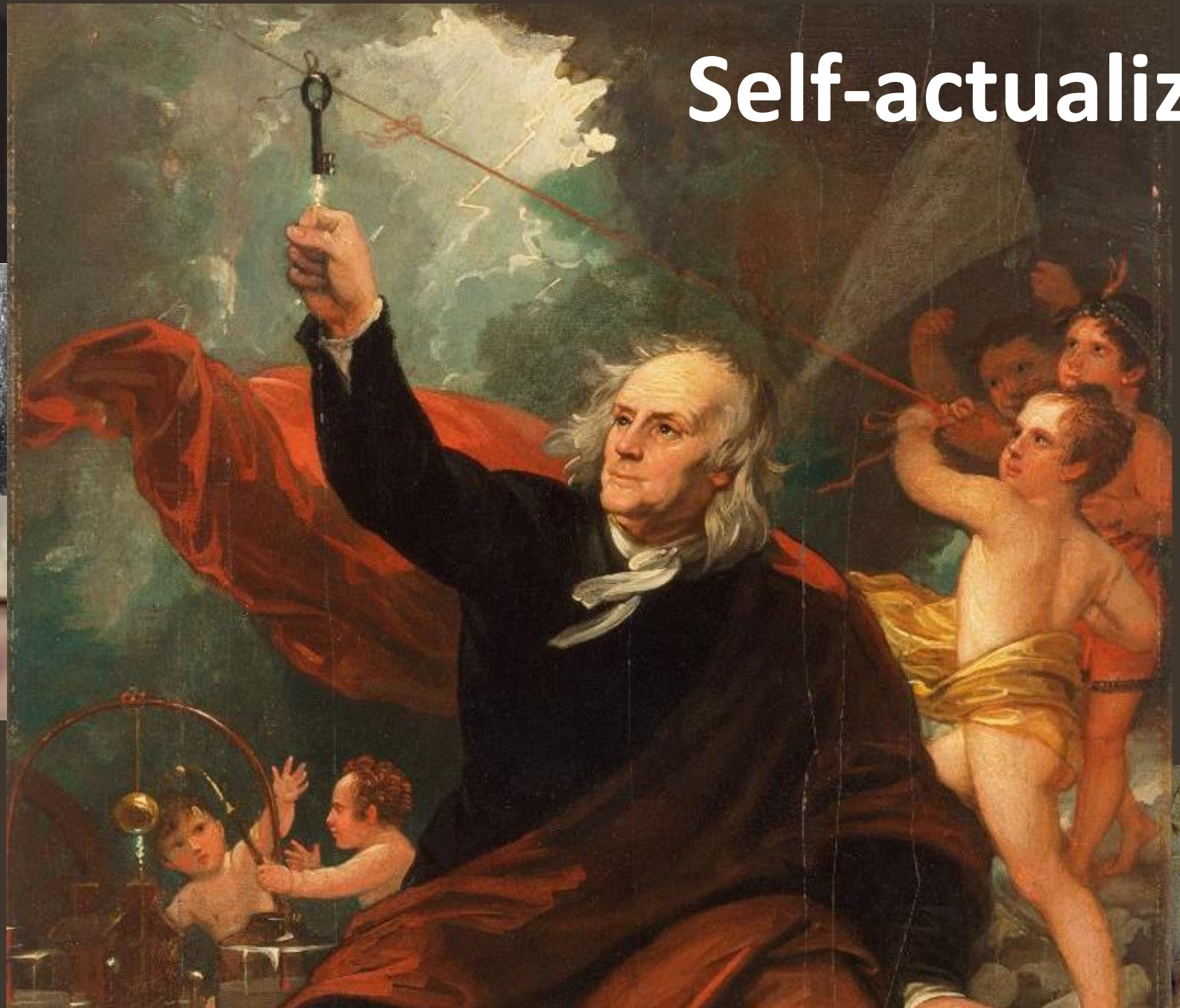
Almanack

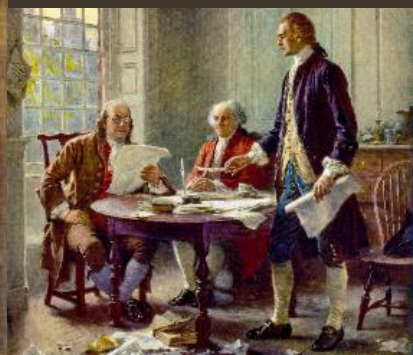
For the Year of Christ

1739,

Being the Third after LEAP YEAR.

Self-actualization





Maslow's Hierarchy

Self-actualization

Esteem

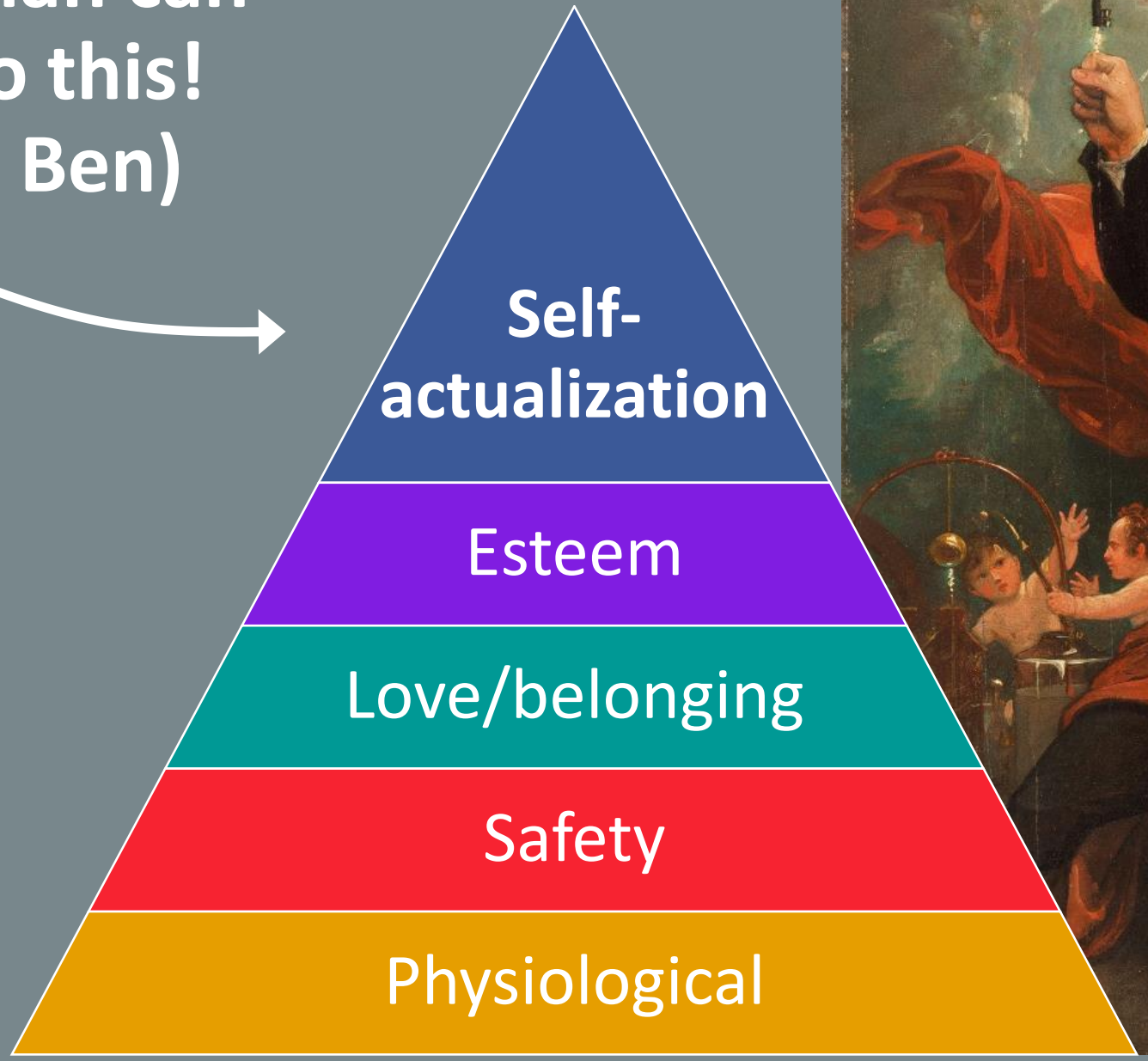
Love/belonging

Safety

Physiological

Barely getting by

Each human can aspire to this! (Be like Ben)



Tokens

2 years ago

A nonprofit with no product
Started by a 20 year old
Raised $20M

Now
It’s a $30B ecosystem

ethereum

6 months ago

A startup with no product
With no customers, no real IP, 5 employees

Raised $ on a $300M Valuation
1 week later, worth $3.5B

In the last 6 months

$2B raised directly by 1000 startups
vs
$1.2B raised via early stage VC

VC just got disrupted

What’s going on?

It started with Bitcoin,

And evolved

ICO (Initial Coin Offering) aka Token Launch

What:

- Raise $ at the beginning of a project
- For *tokens* in a network / ecosystem
- Everyone wants token value↑, therefore incentives within the community (token owners) are aligned
- Tokens are liquid *immediately* on exchanges. “Exit” day 1. (Hence the $$)

Ways to frame:

- An IPO, but crowd-funded
- Kickstarter, but for real assets or securities
- VC investing, for the masess

Some Civilization Worries

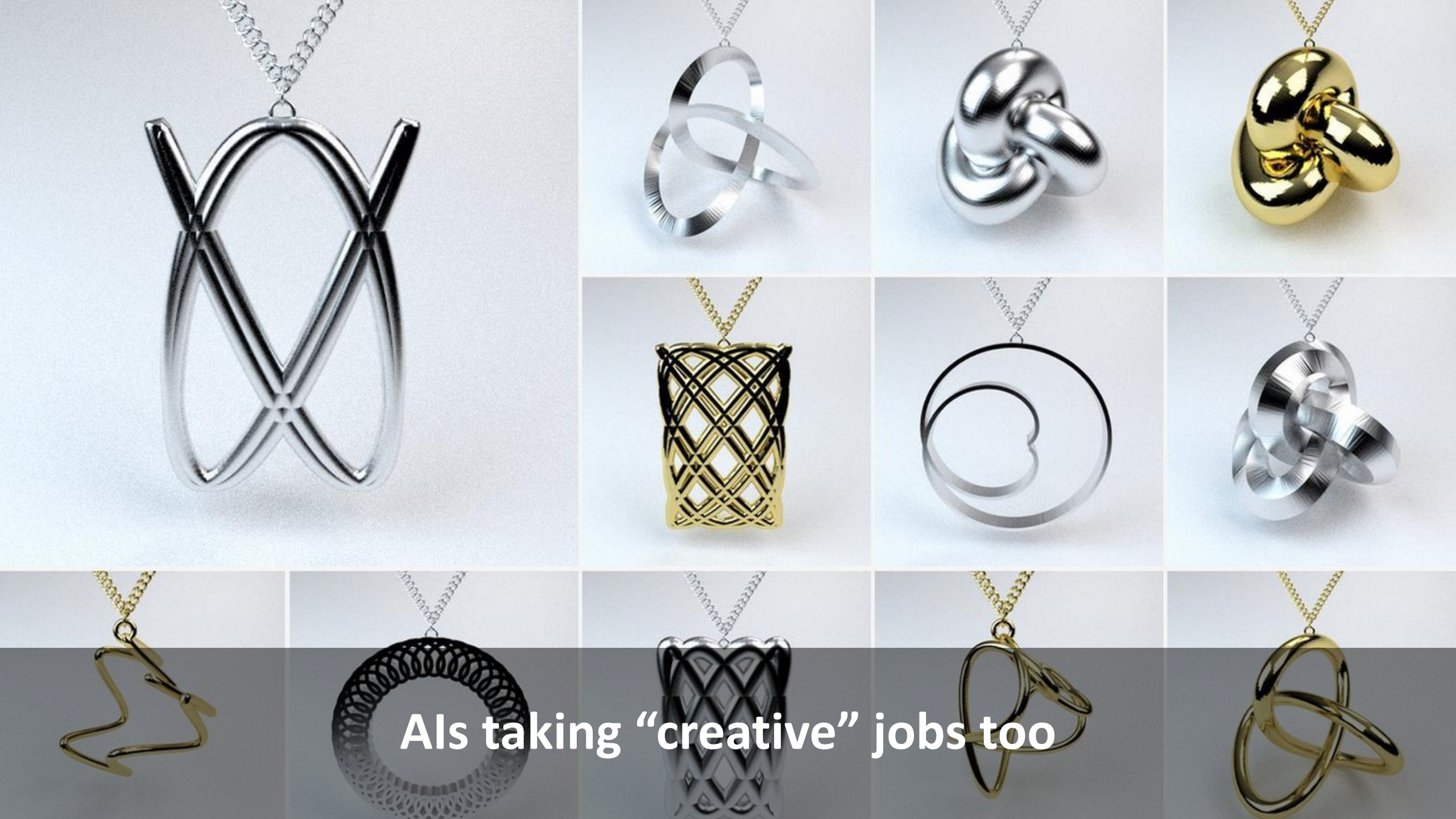
Climate change

Nuclear war

https://commons.wikimedia.org/wiki/File:Hiroshima_Aftermath_-_cropped_Version.jpg

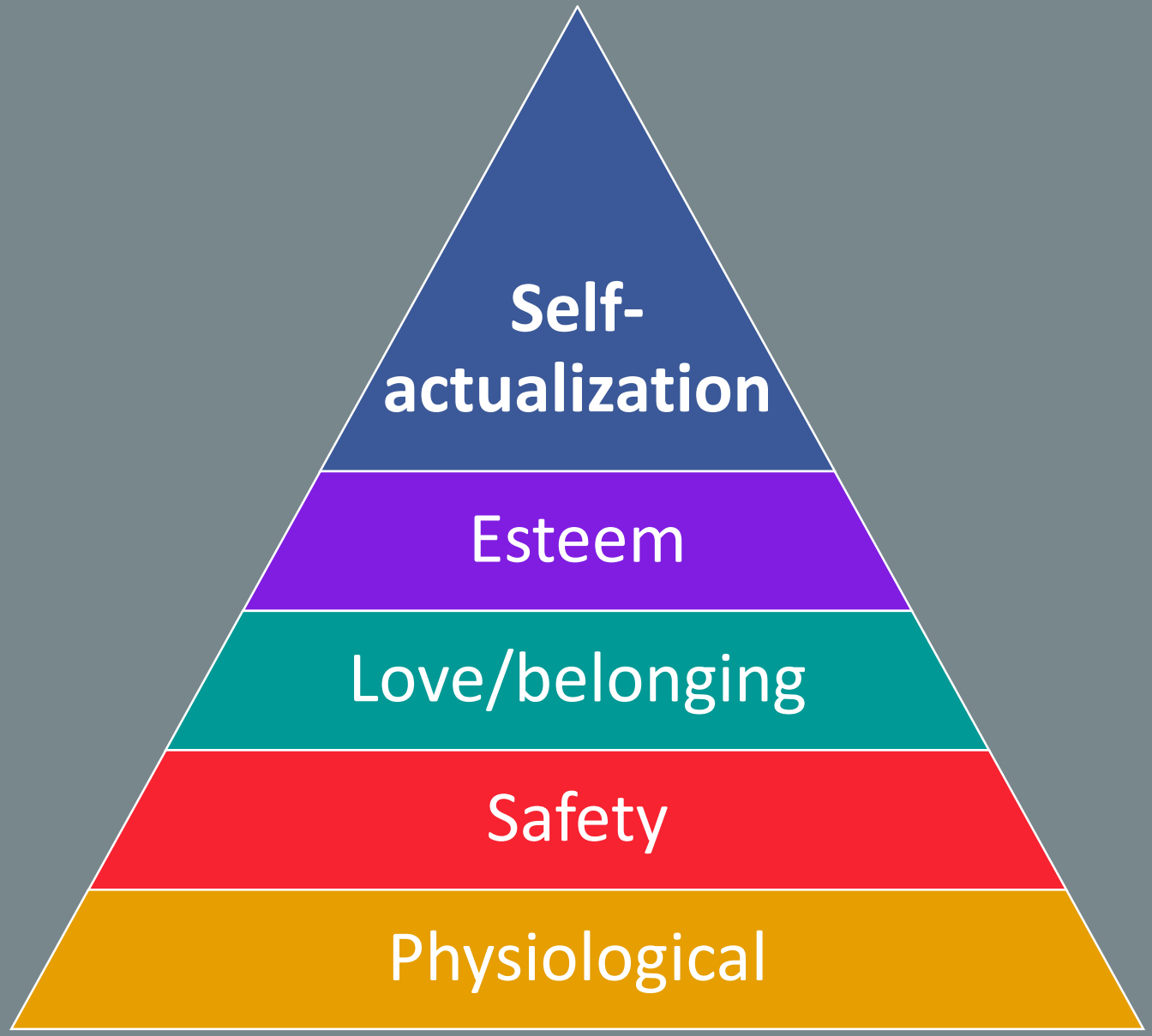
https://www.flickr.com/photos/will_spark/8603571212

AIs taking jobs

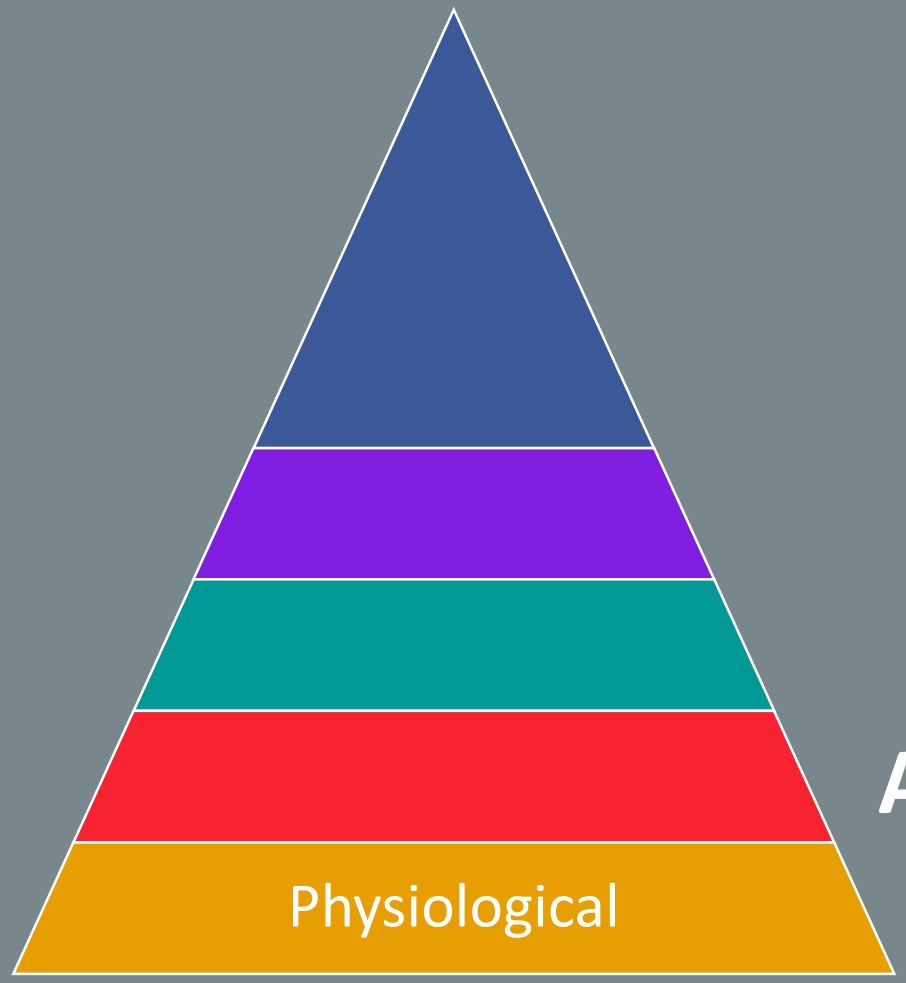


AIs taking “creative” jobs too

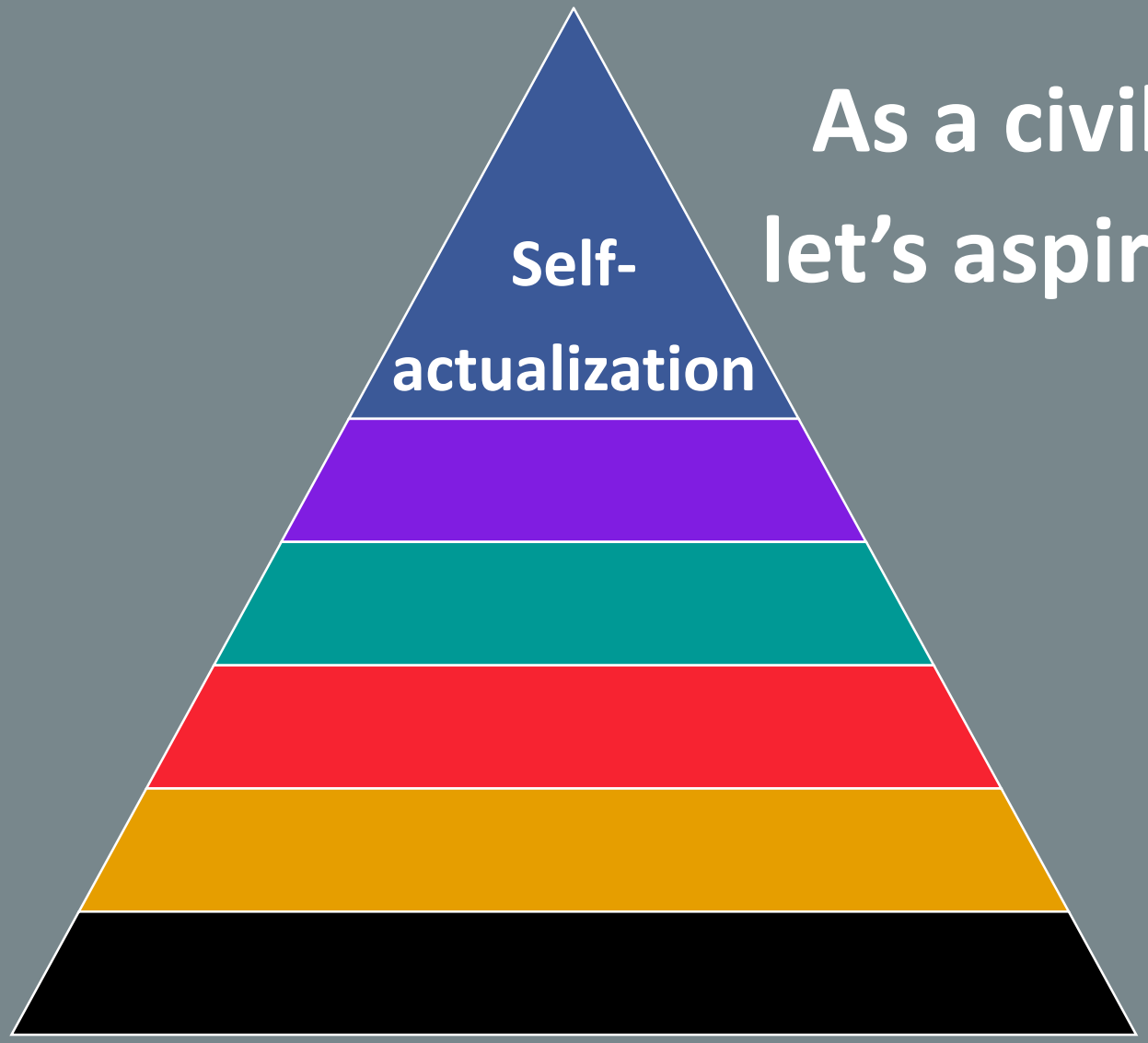
Idea: Maslow's Hierarchy *For Civilization*



Maslow's Hierarchy *For Civilization*



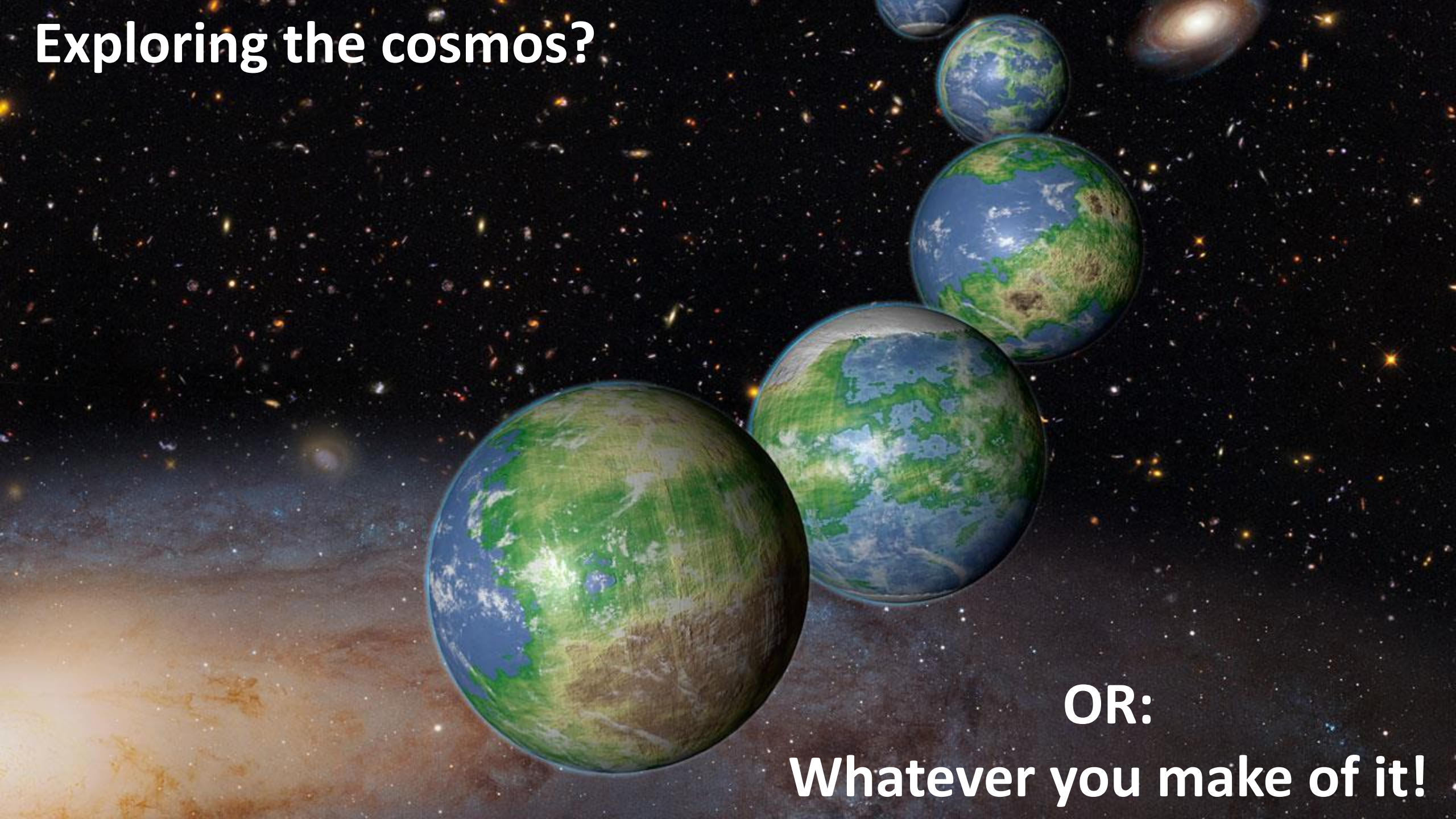
Avoiding disaster = barely getting by



As a civilization, let's aspire to this!

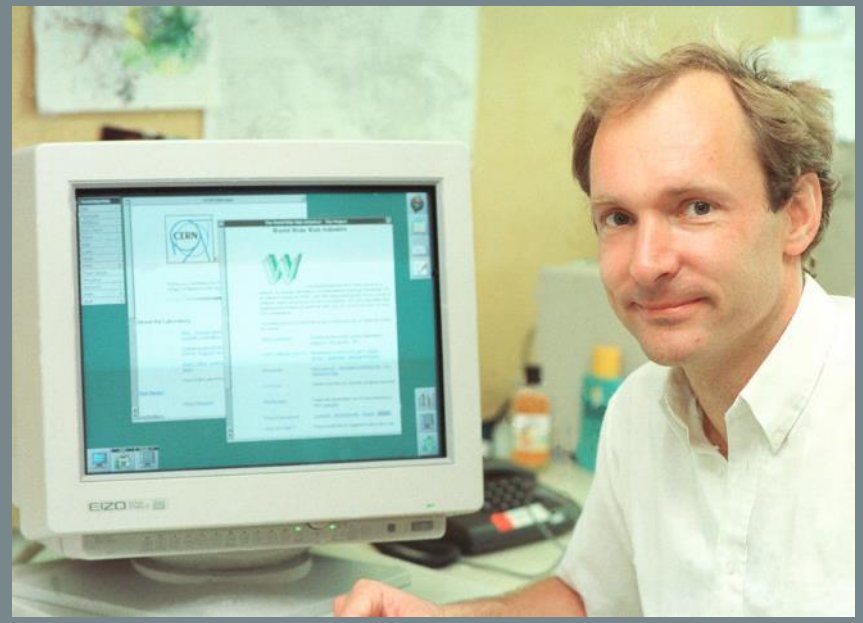
What does self-actualization of civilization mean?

TED talks for all?


Exploring the cosmos?
OR:
Whatever you make of it!

Recent civilization developments

Shared planetary network (Internet), document (Web)



Virtual Reality

Augmented Reality

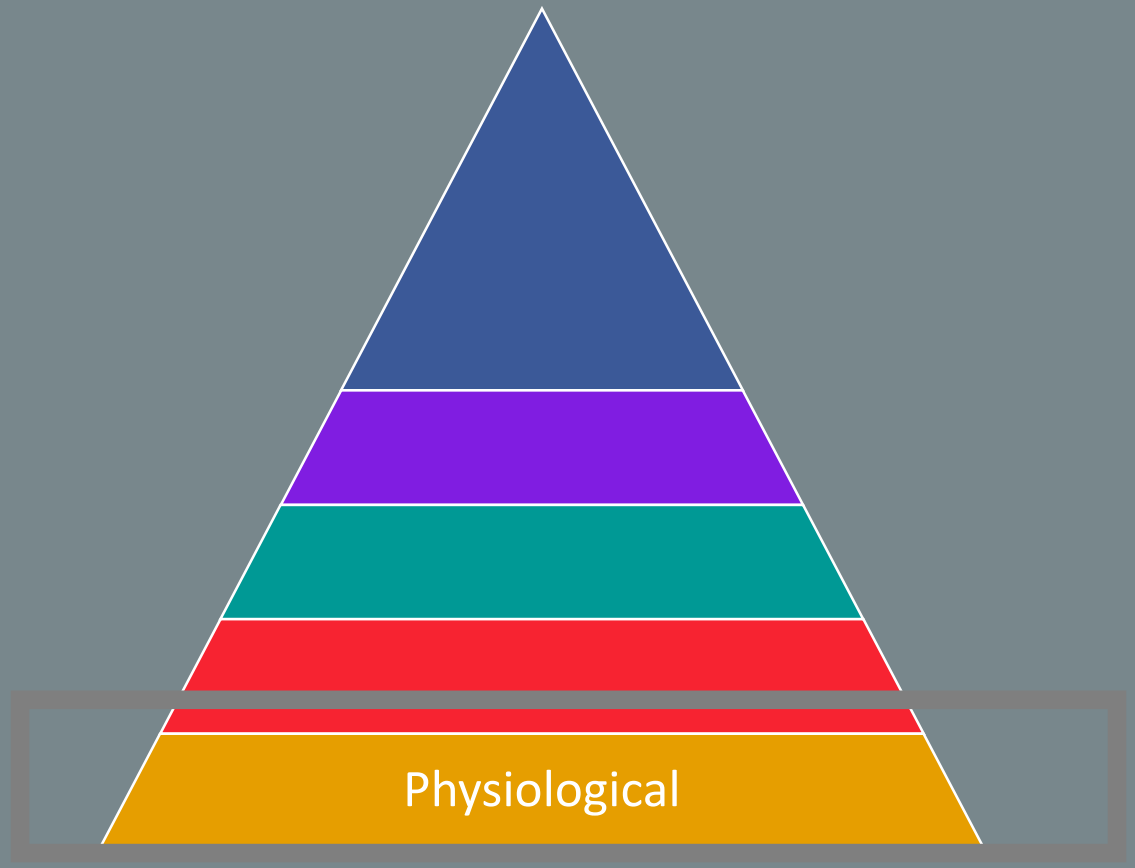
The Economist
The world's most valuable resource
amazon
UBER
Microsoft
Google

Big data

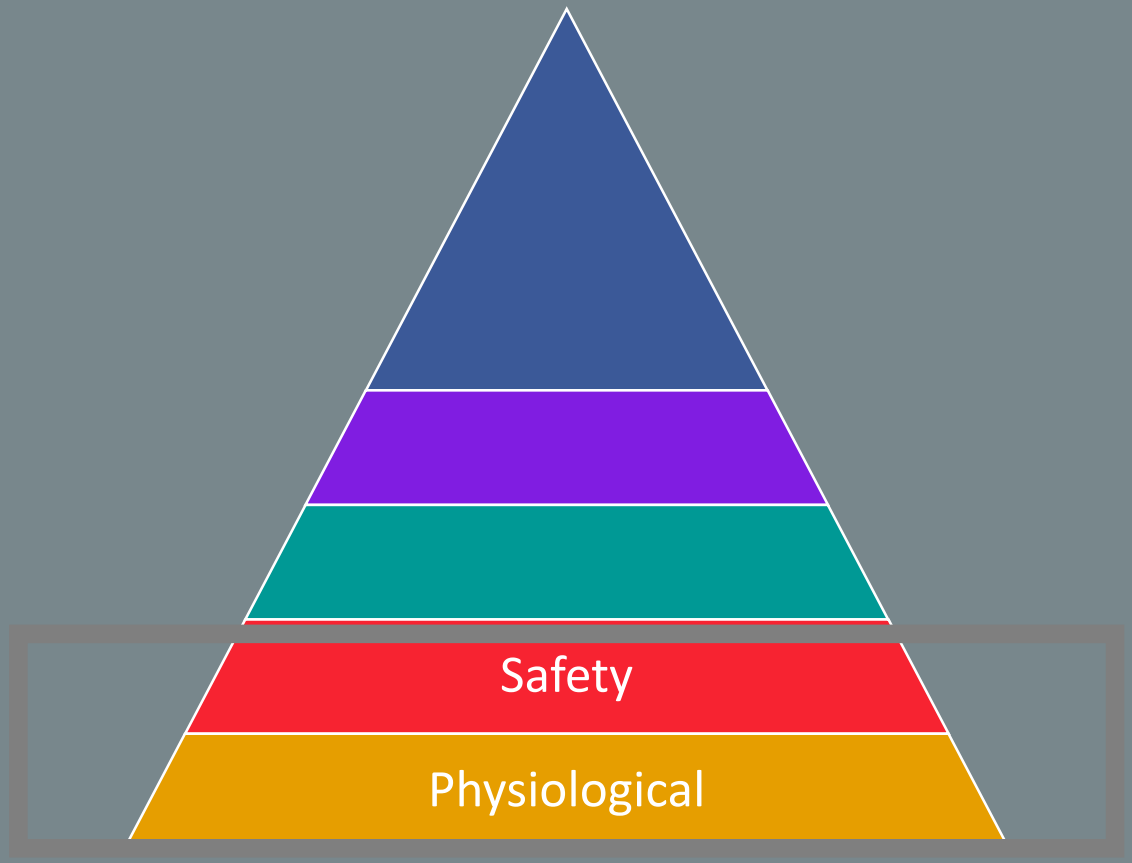
AI that improves with data: deep learning

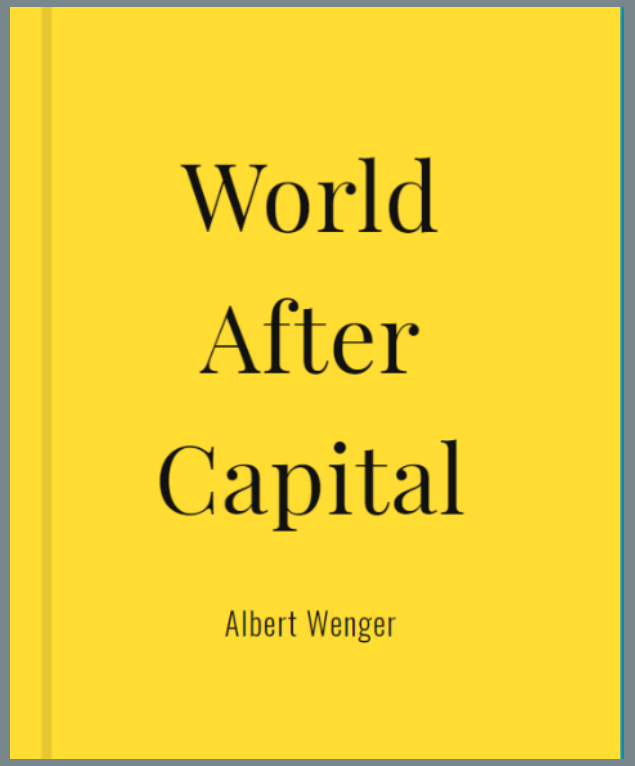
Some next steps for civilization

Clean drinking water
Waterless toilets
Solve malaria
Solve TB

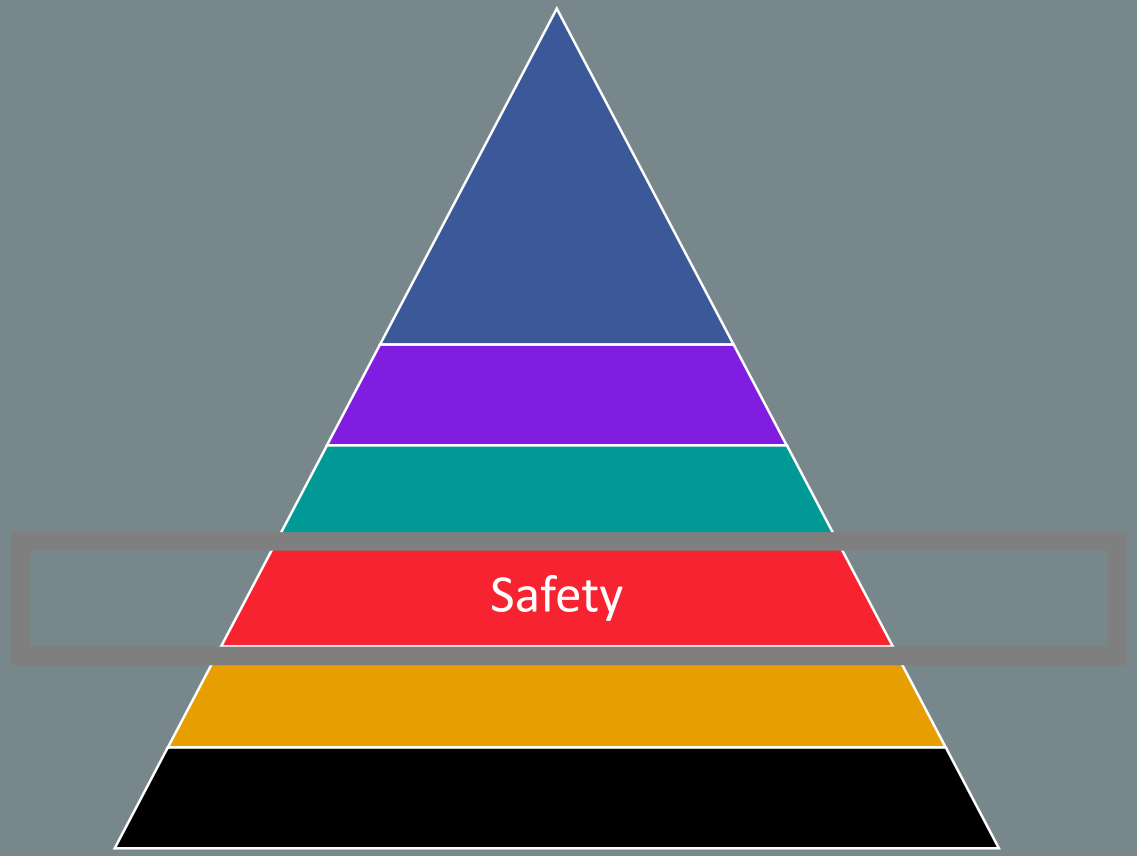


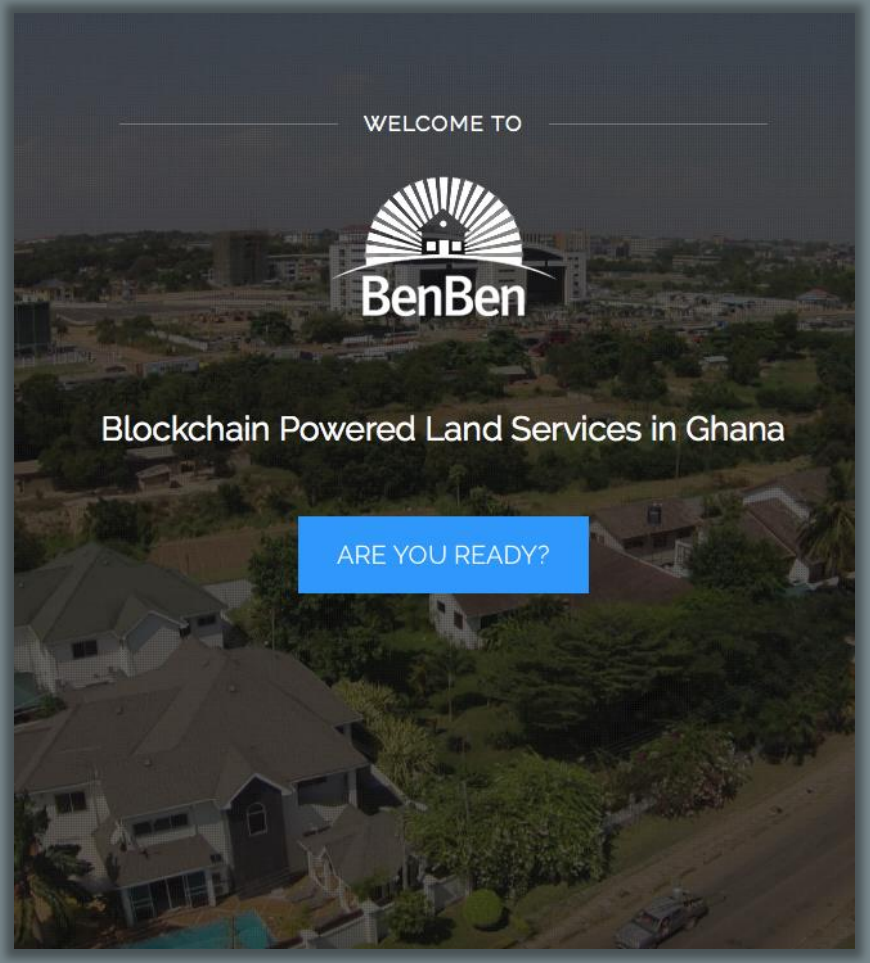
Go post-capital, via UBI
(And save humanity from AI-catalyzed human revolution)





Trustworthy land titles in 3rd world countries (precondition to solve poverty – ref DeSoto)

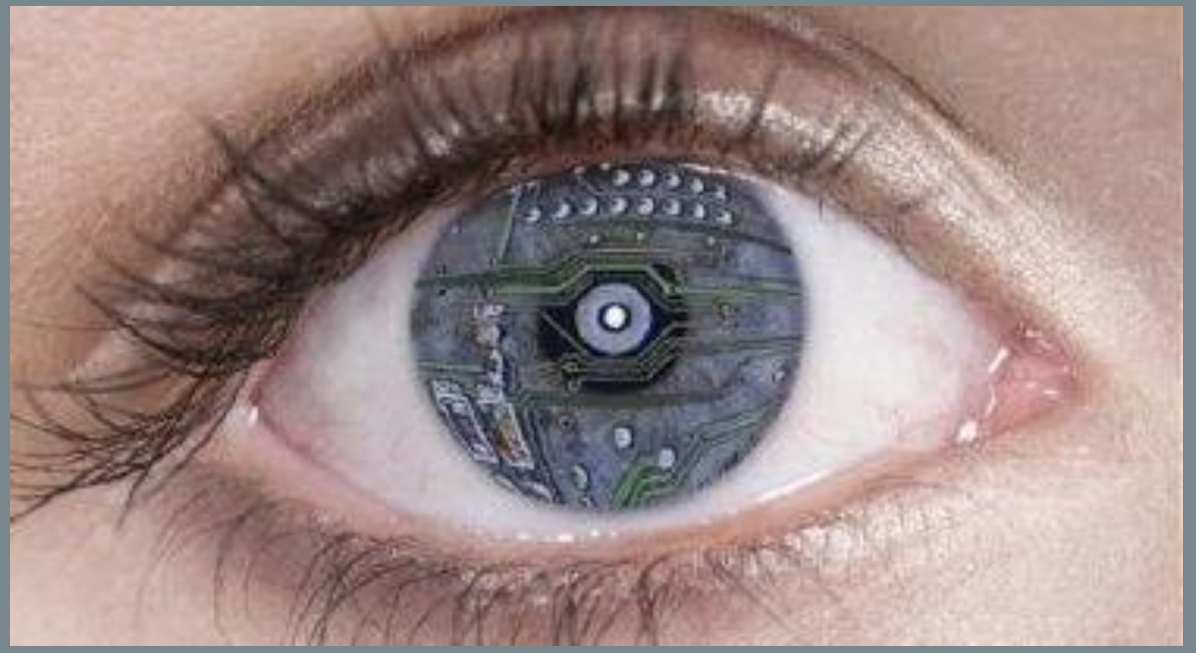




Typing via Brain Computer Interfaces (BCI)

Mainstream typing by BCI

sming
= silent messaging
= sending text or voice
by *thinking* about it



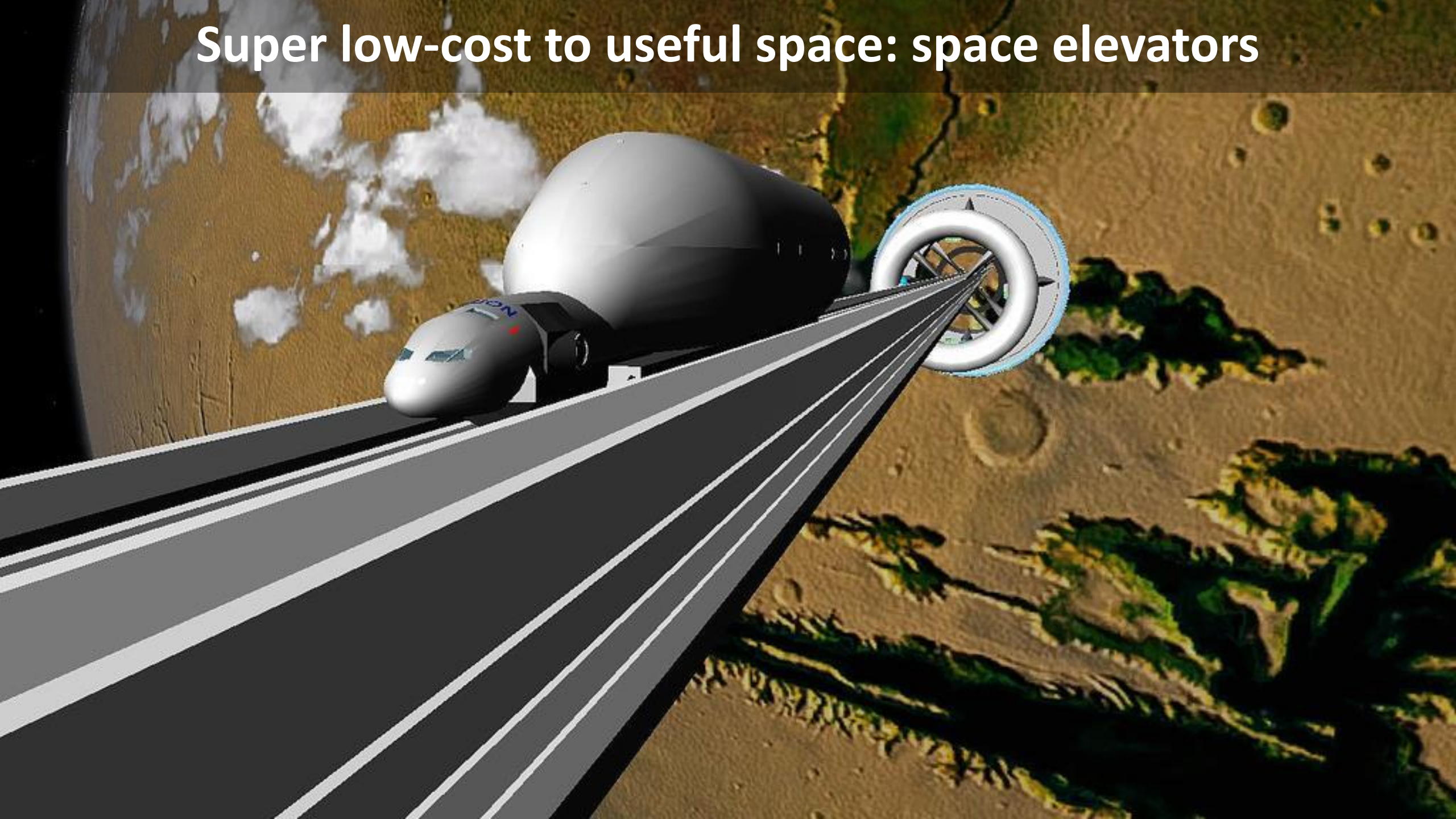
Shared planetary e-gold: Bitcoin

Shared planetary database, file system, processing, and data

Low-cost to low-orbit space:
Ansari XPRIZE

Low-cost to useful space: reusable rockets e.g. SpaceX

Super low-cost to useful space: space elevators



1 person on Mars

1K people on Mars

1M people on Mars

Mars not reliant on earth

Super low-cost to Mars and back: Gravity-assist cyclers

Table 2 Long-period solutions (nLr)

	n=1	n=2	n=3	n=4
r = 1	[a]			
r = 2				
r = 3				
r = 4	N.S.[b]			
r = 5	N.S.	N.S.		
r = 6	N.S.	N.S.		
r = 7	N.S.	N.S.	N.S.	
r = 8	N.S.	N.S.	N.S.	
r = 9	N.S.	N.S.	N.S.	N.S.

Table 3 Short-period solutions (nSr)

	n=1	n=2	n=3	n=4
r = 1				
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r = 4	N.S.[a]			
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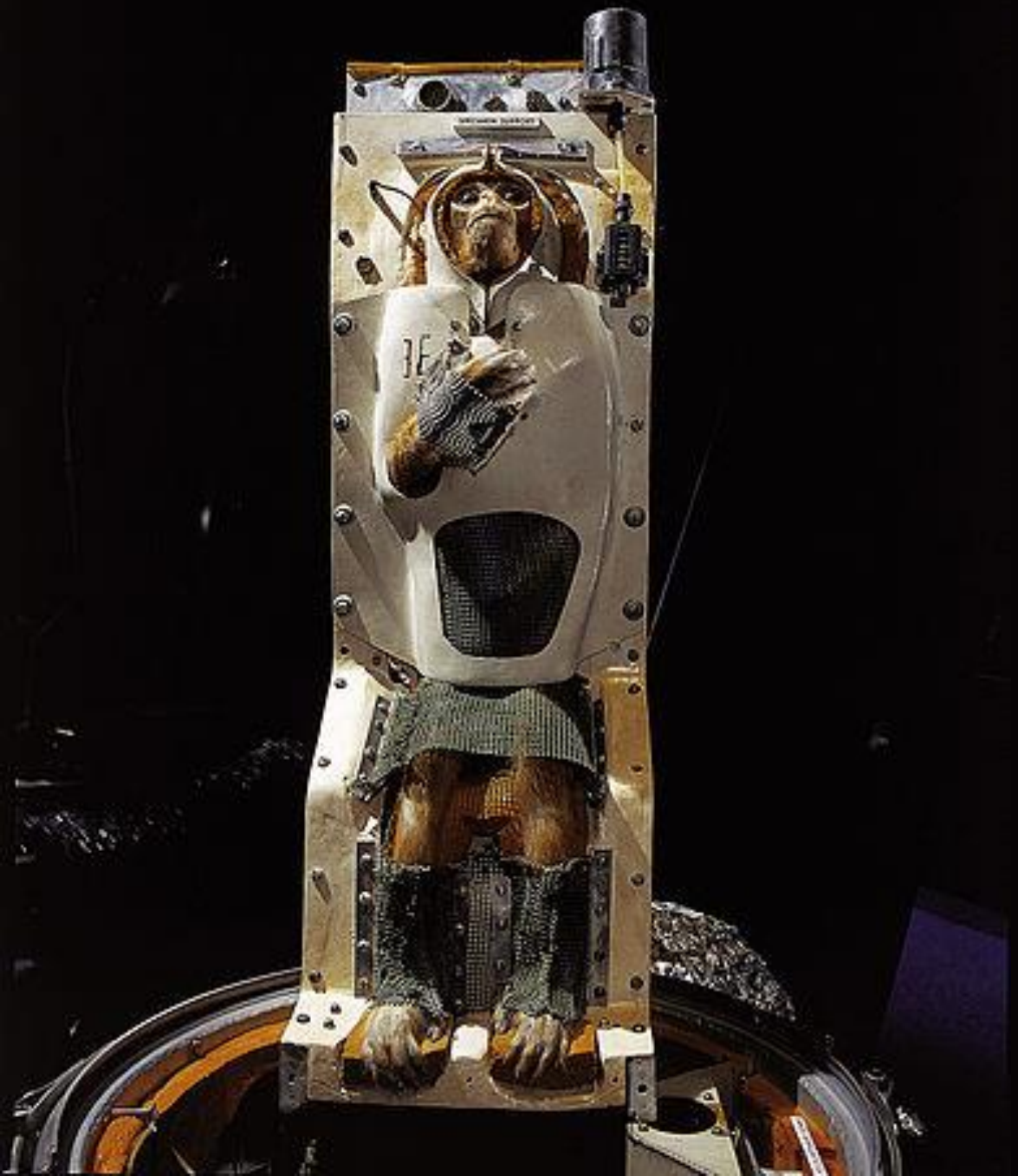
r = 8	N.S.	N.S.	N.S.	
r = 9	N.S.	N.S.	N.S.	N.S.

[a] No solution.

ing. This minimizes the time of ∞ight from Earth to Mars. A cycler trajectory used in this way is called

Energy in space: Asteroid mining



Explore the cosmos?

Travel time to Proxima Centauri: 81,000 years (Oops)

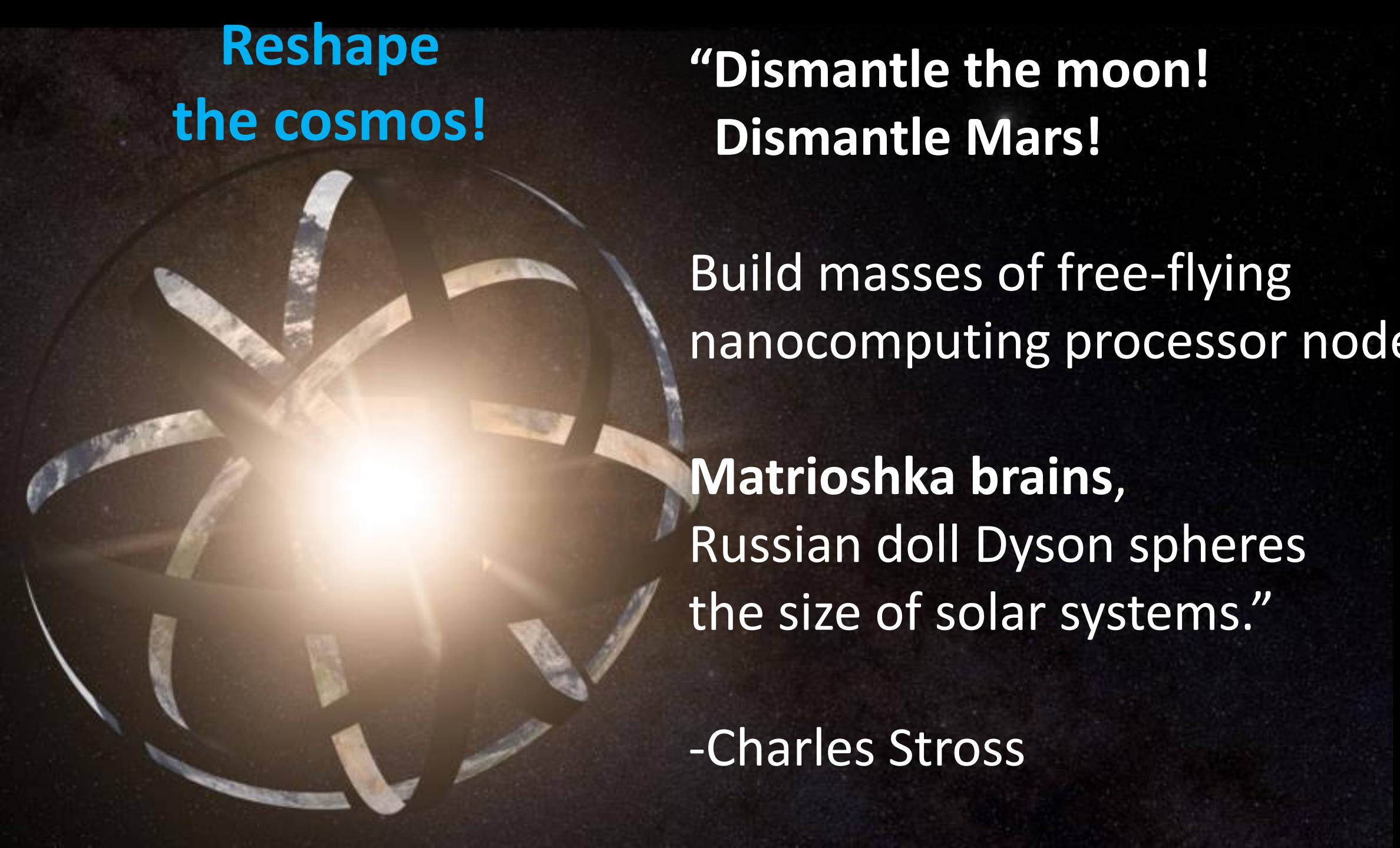
“Sending canned primates .. was never going to end happily.” – Charles Stross

First, migrate our minds onto better substrate

Then explore the cosmos

Uploads (mirror our minds)

Bandwidth++ Via BCI



Reshape the cosmos!

“Dismantle the moon!
Dismantle Mars!

Build masses of free-flying nanocomputing processor nodes...

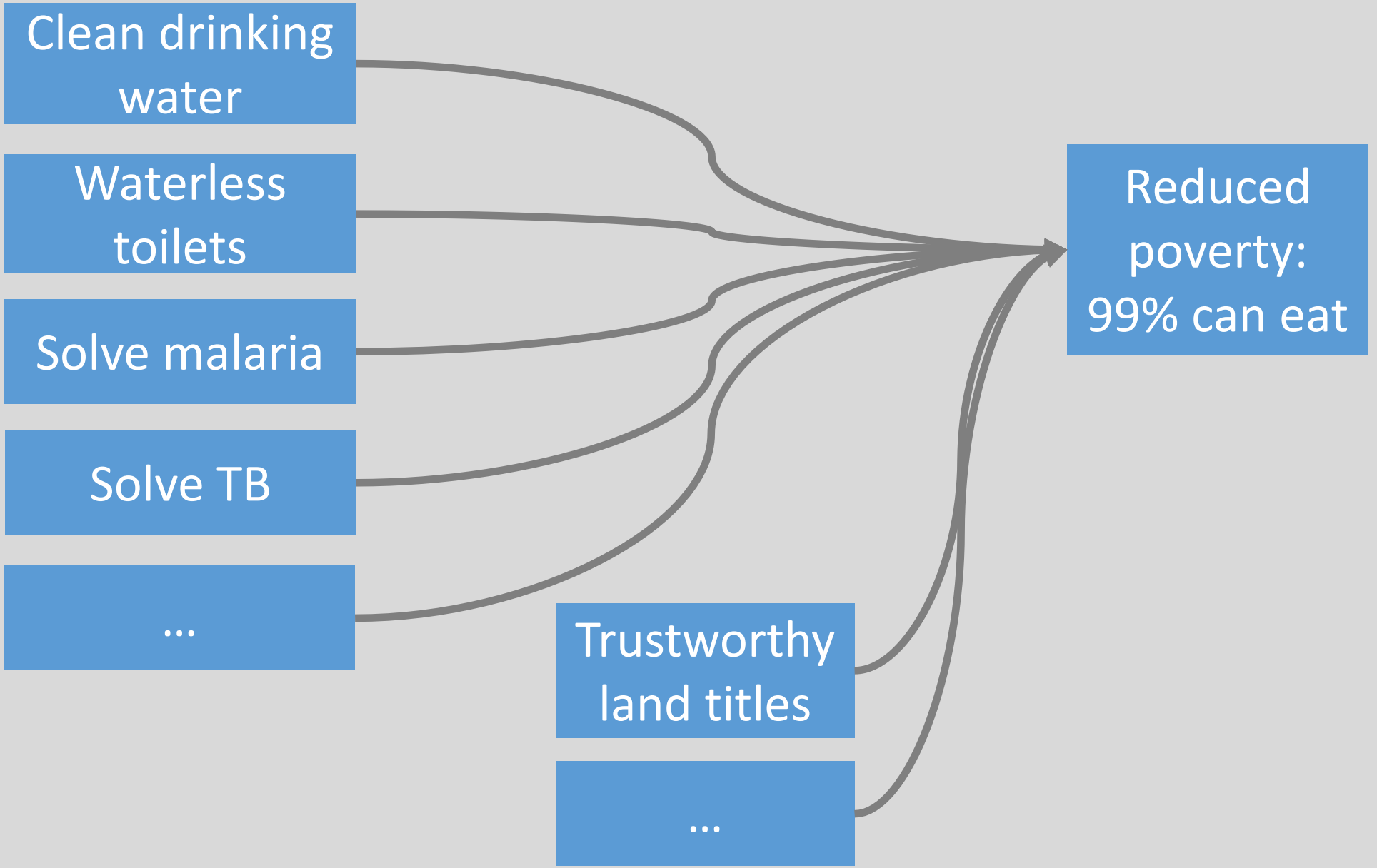
Matrioshka brains,
Russian doll Dyson spheres the size of solar systems.”

-Charles Stross

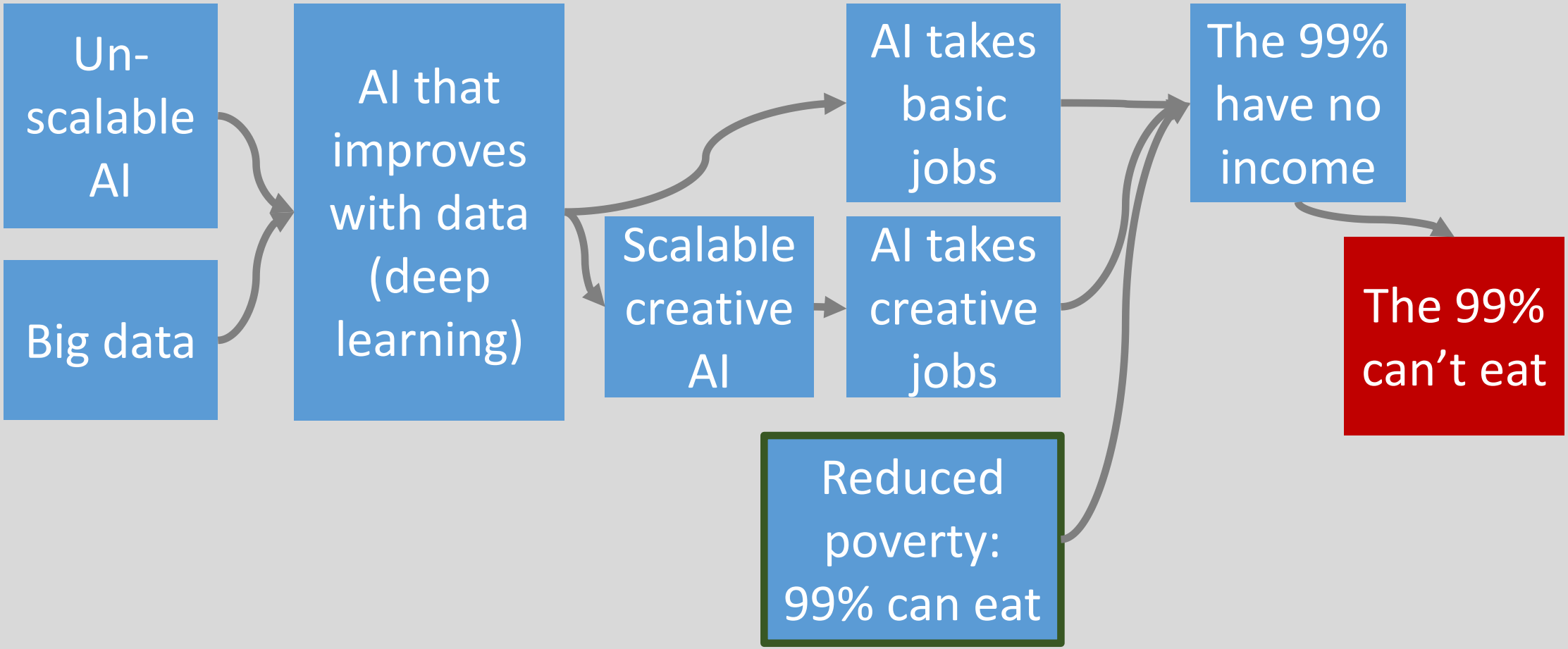
How do we **organize** the ideas?

Inspiration: Technology Tree from Civilization V (Game)

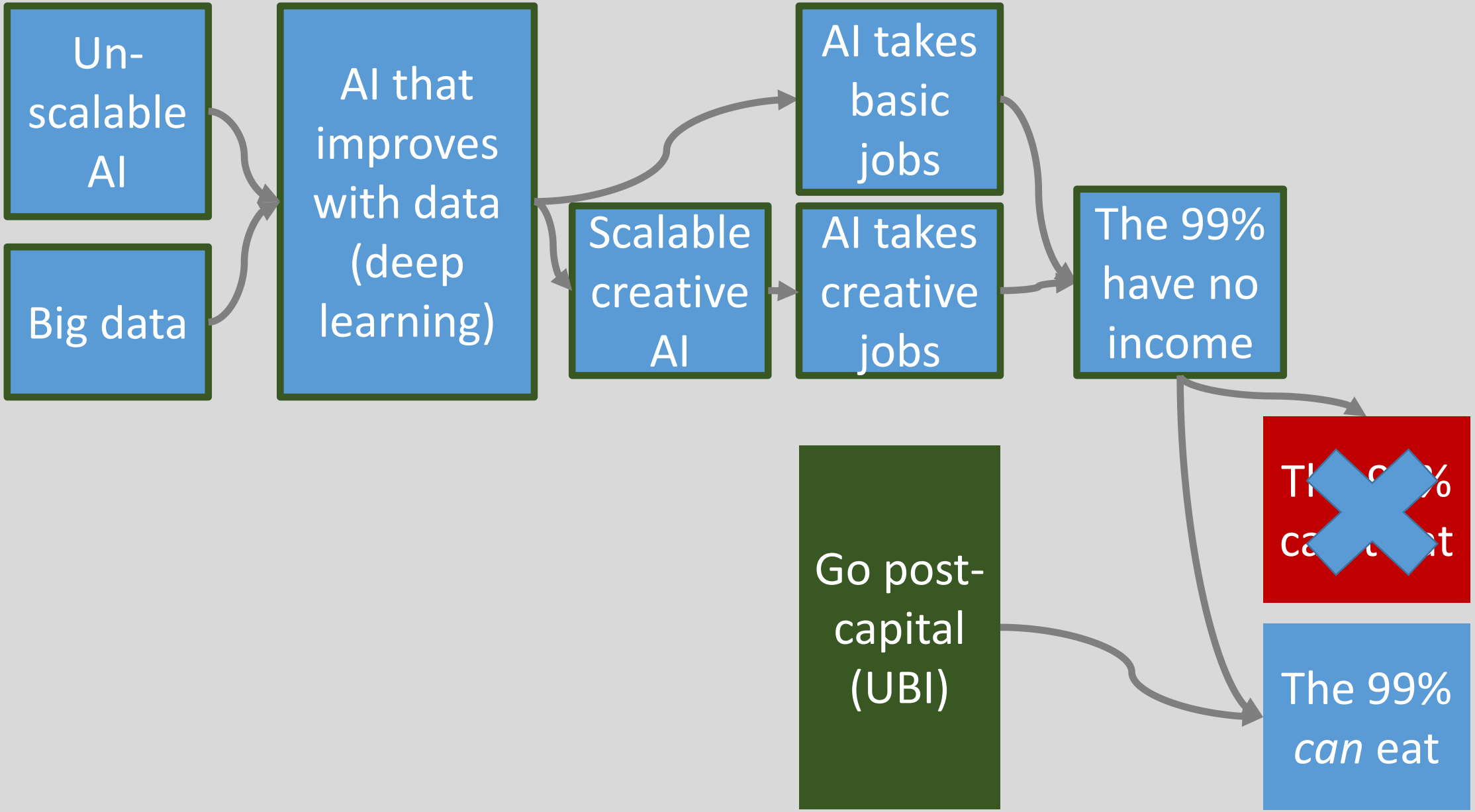
Graph for reducing poverty (99% can eat)



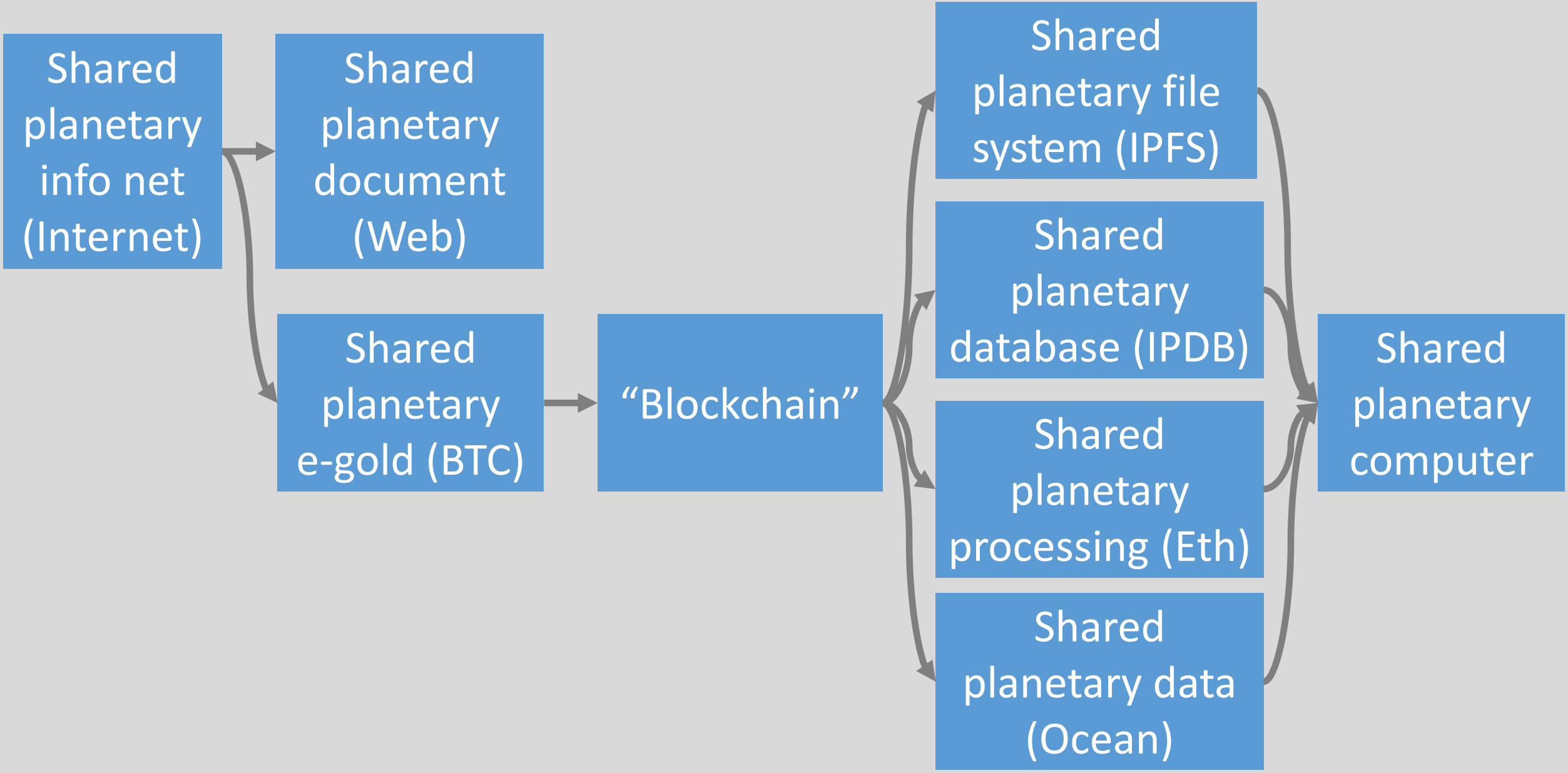
Graph where AI means the 99% can't eat (oops)



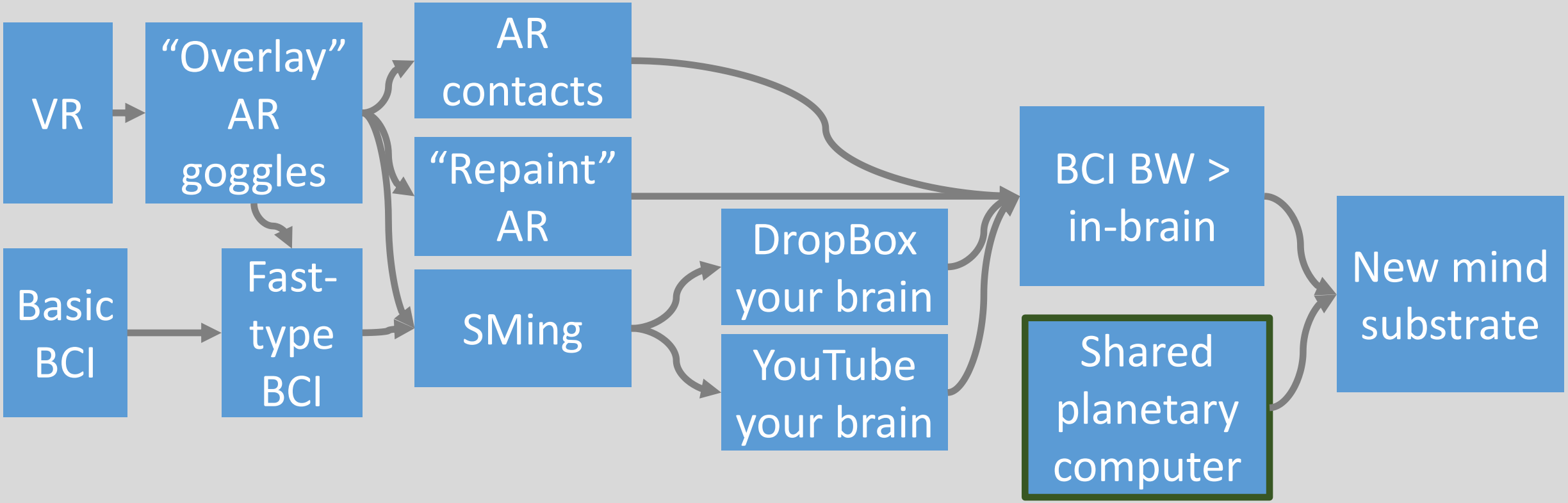
Graph where 99% can eat, despite AI (thanks UBI)



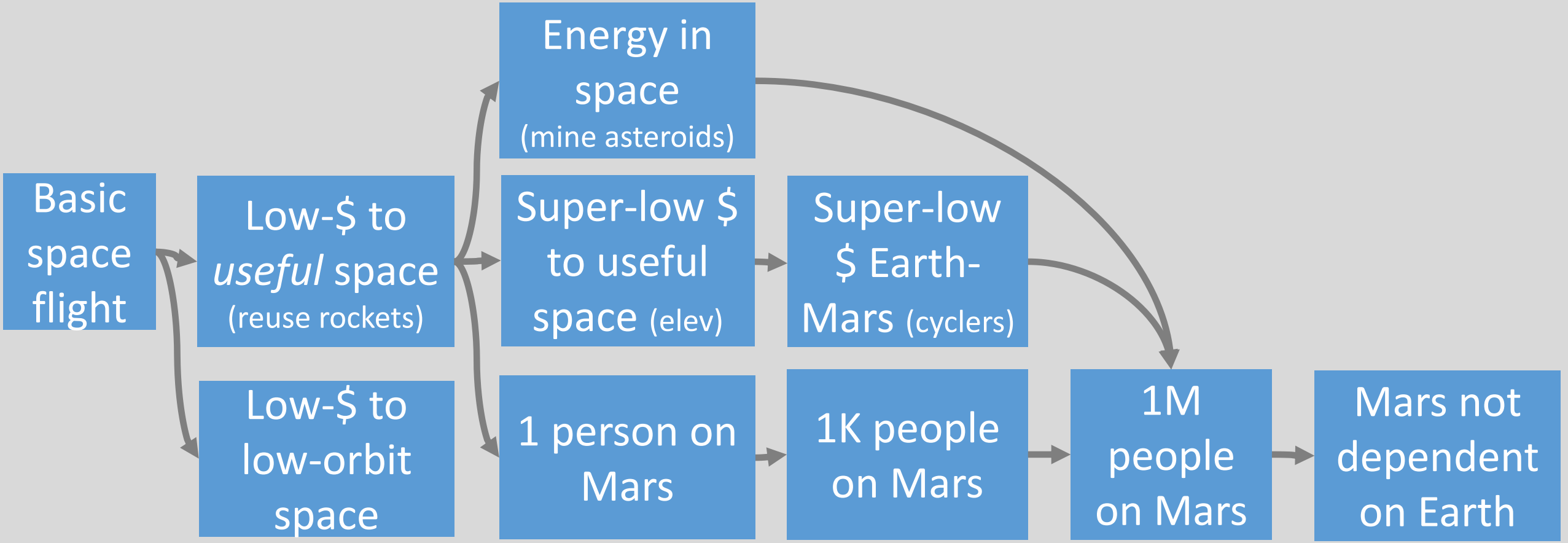
Graph for a shared planetary computer



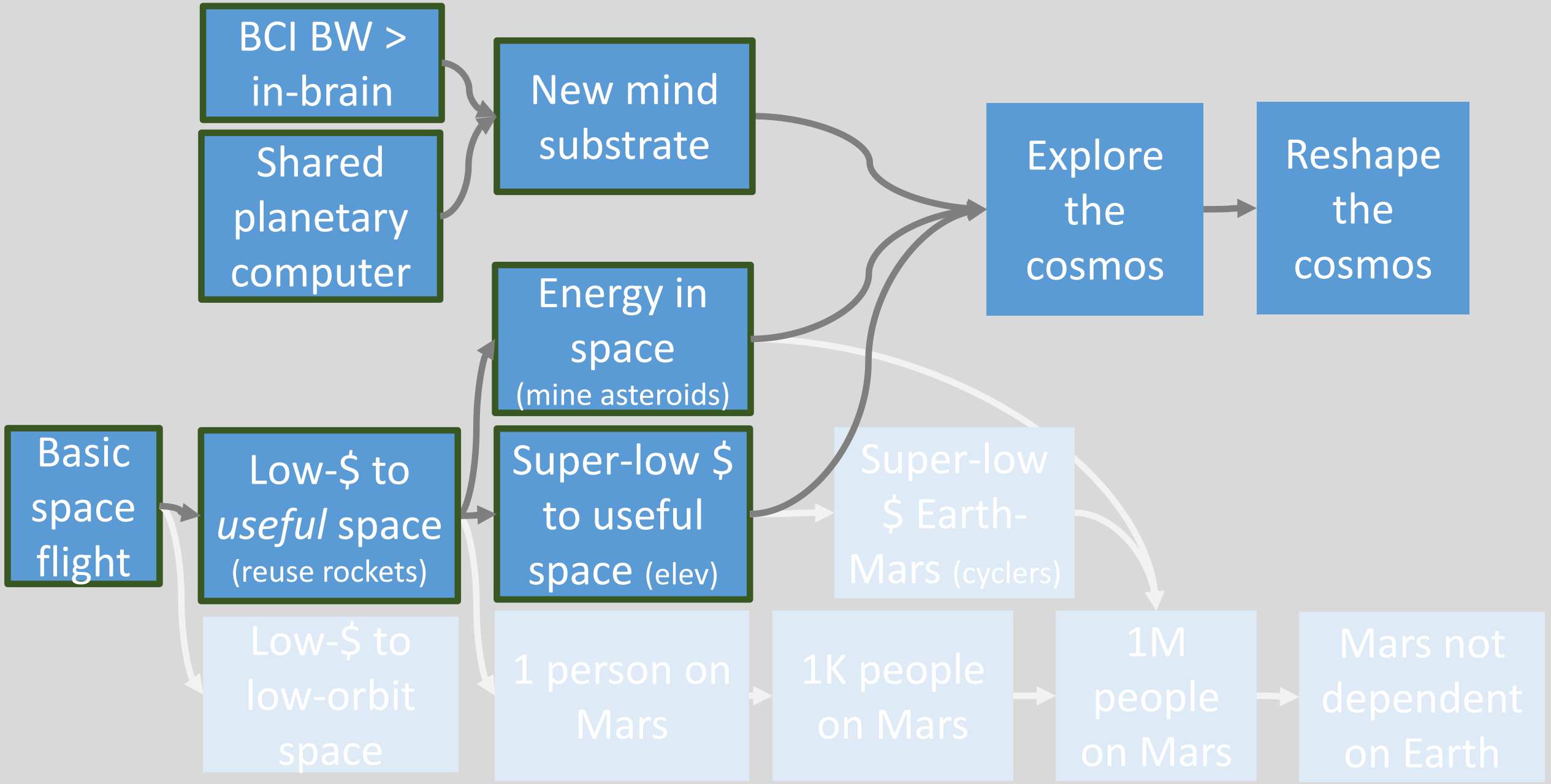
Graph for a new mind substrate



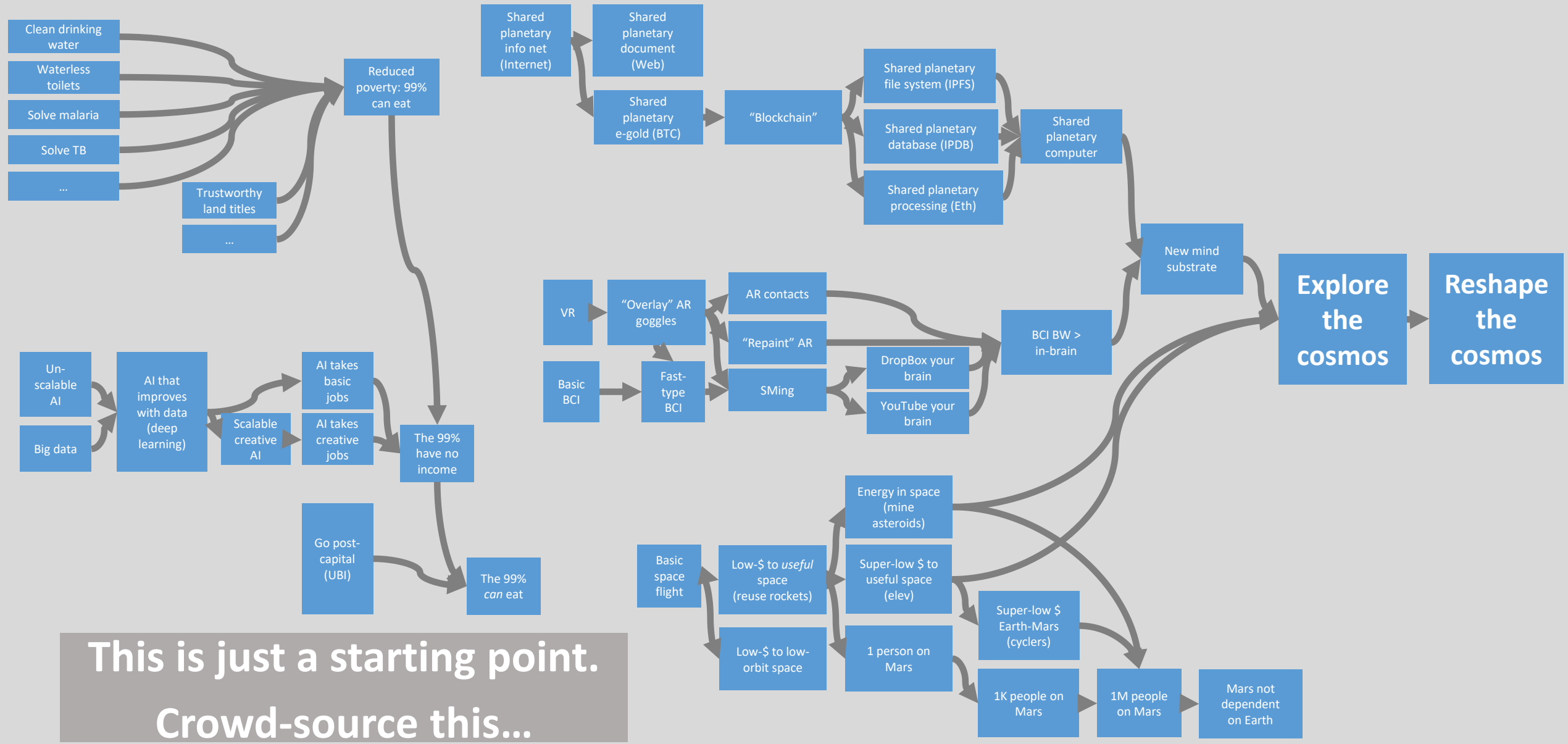
Graph for independence from 1 planet, via Mars



Graph to explore the cosmos, then reshape it



The Civilization Graph. Call it “The Map”



This is just a starting point.

Crowd-source this…

How do we **pay for** the ideas?

How: get donors, build

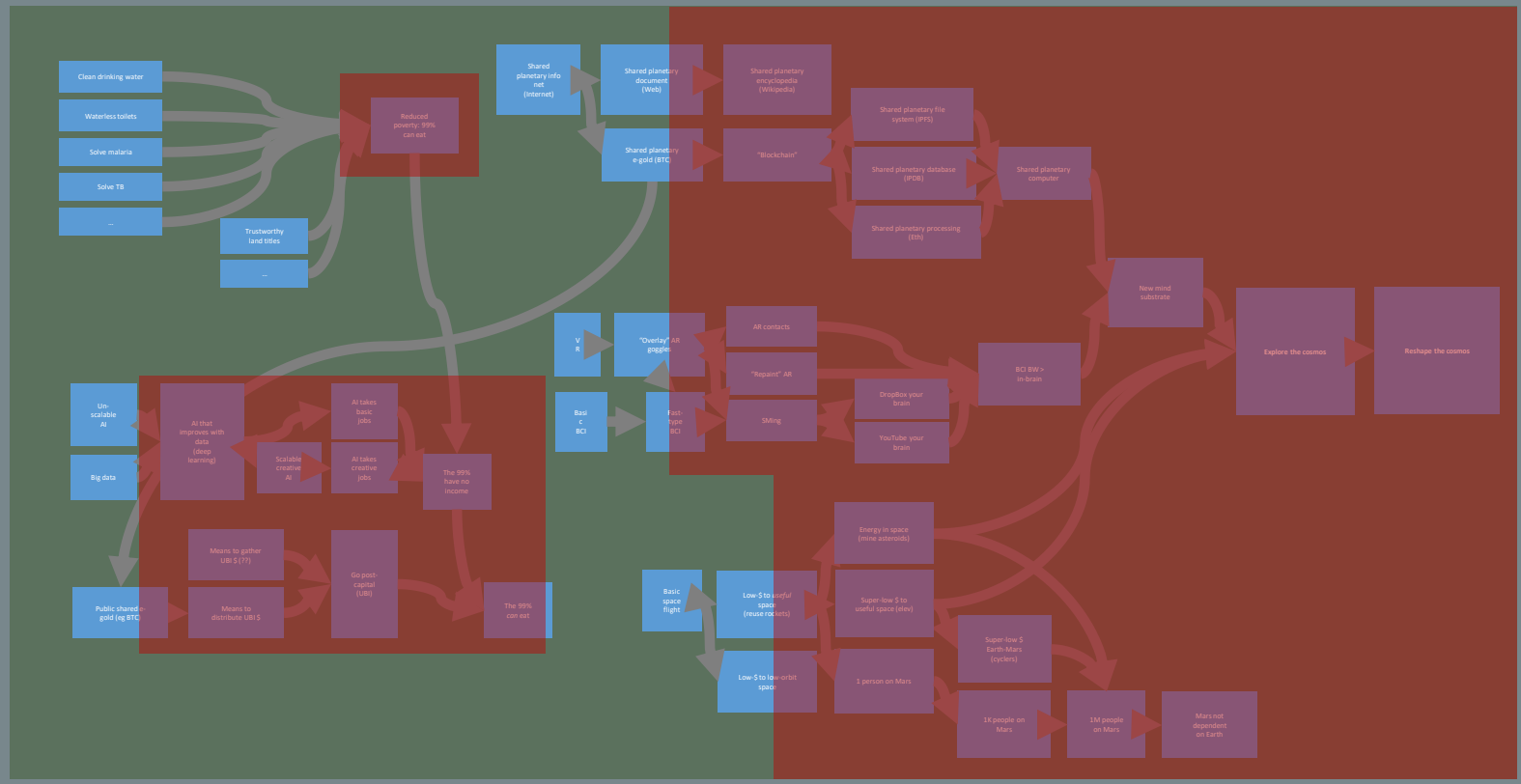
How: Get donors, give prizes (10x lever)

Make $$$, then give it back

Problems

- Doesn’t tap into the community that wants the service
- Relatively small $ - it’s a $ sink, not an investment opportunity

- Only covers one step forward, not context beyond



Let’s revisit tokens…

Tokenized ecosystems are **public utilities**

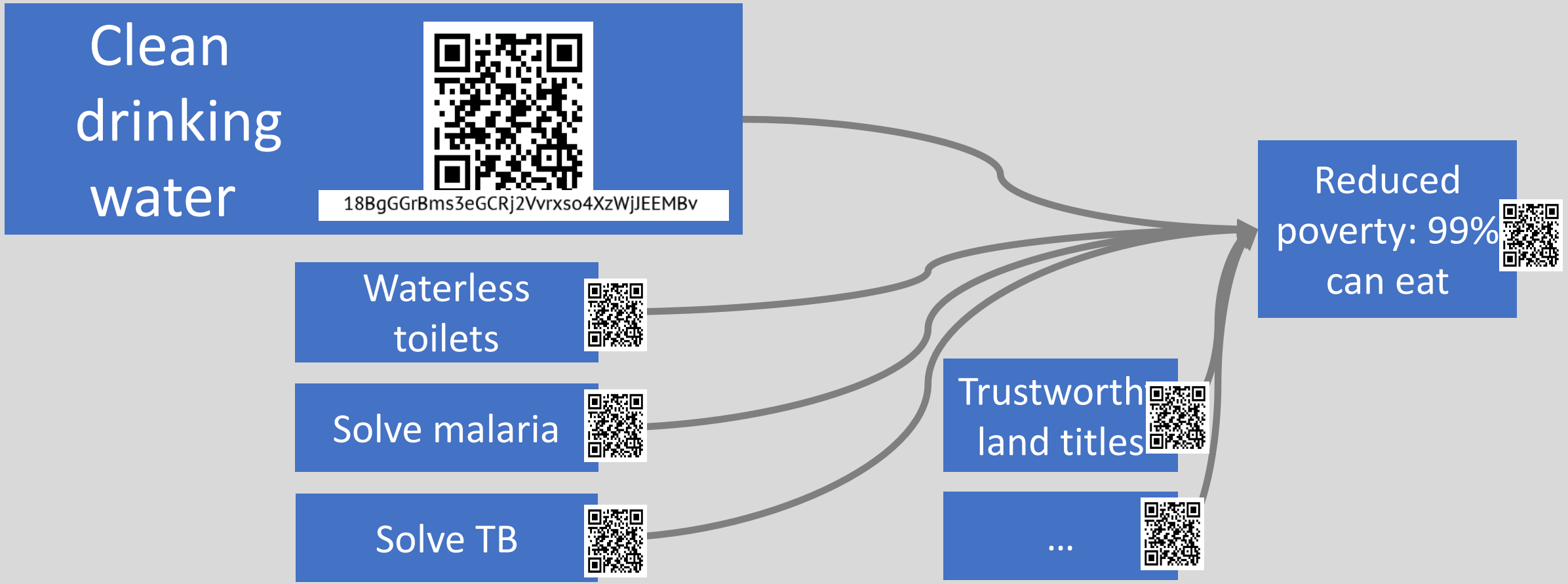
So far, for internet infrastructure. E-gold etc. **For bits.**

But they could be about atoms too!

Let’s use them in The Map…

How to fund The Map: each node accepts donations, with BTC address

When $ > threshold and previous nodes solved, launch token.



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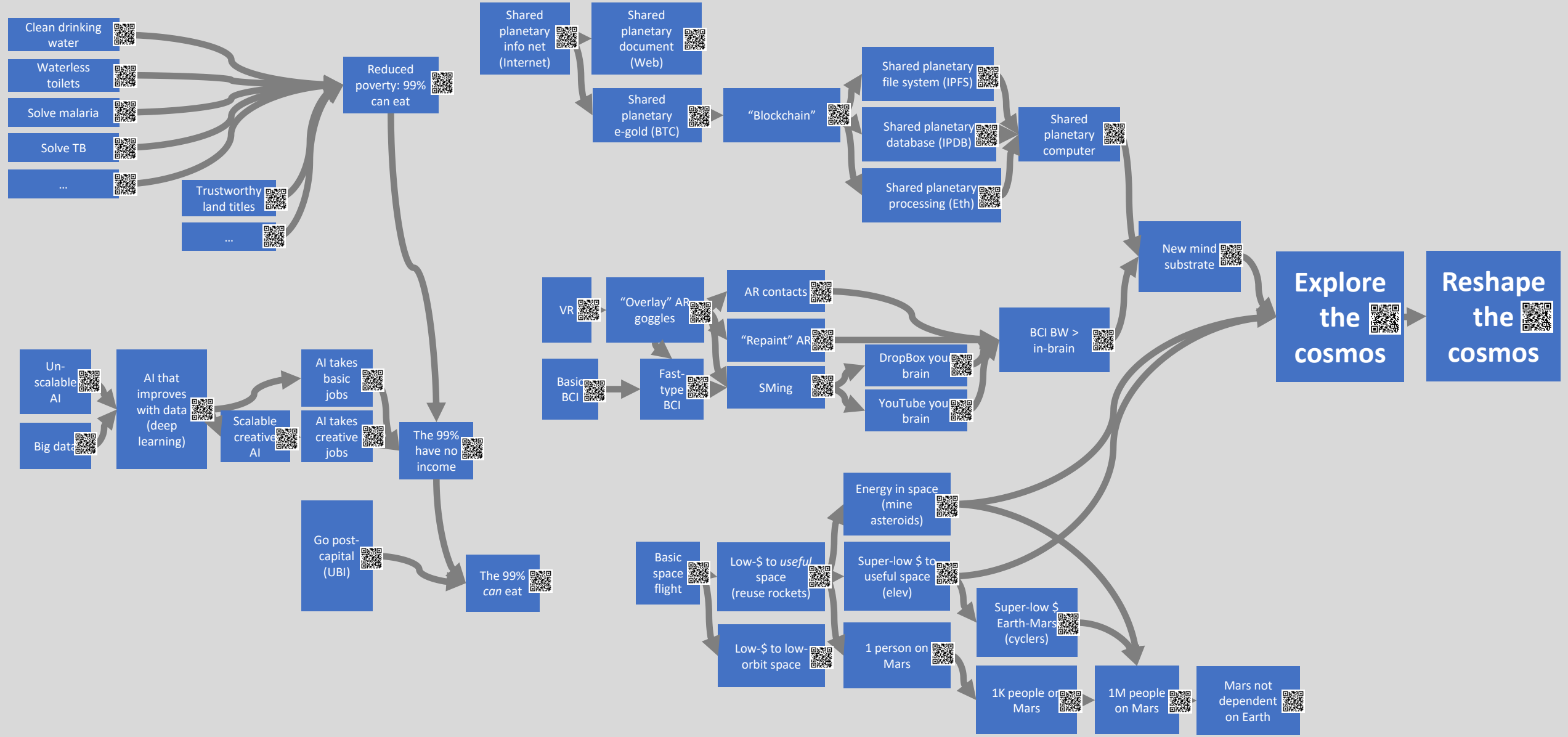
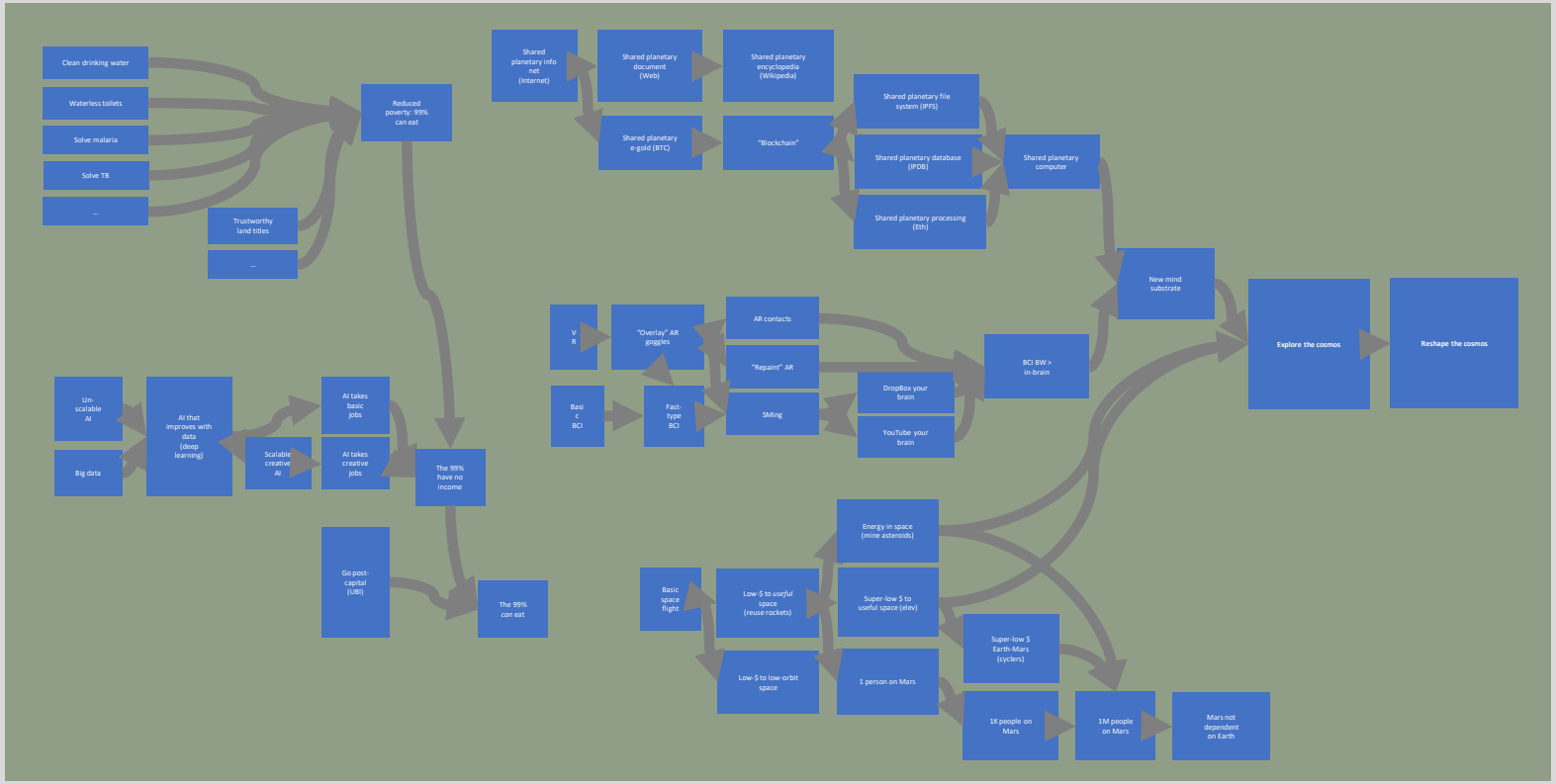


Tokens fund the self-actualization of civilization (!!)

- Tap into the community that wants the advance
- Significant $$ because investment opportunity
- Prioritize (at least partly) with $, even faraway things
- Easy to tell where $ leads in context of graph



Conclusion

The Map helps civilization self-actualize

Crowd-sourced idea graph, funded by tokens

We not only address climate, jobs, AI...

We explore & reshape the cosmos!

@trentmc0