

Network State Genesis

Architecting a New World

Operating System for the Planet(s)

We shape the tools, then the tools shape us.

We shape the laws, then the laws shape us.

We shape the incentives, then the incentives shape us.

Bad incentives

One cannot have **health** in a system that profits from **sickness**.

One cannot have **peace** in a system that profits from **war**.

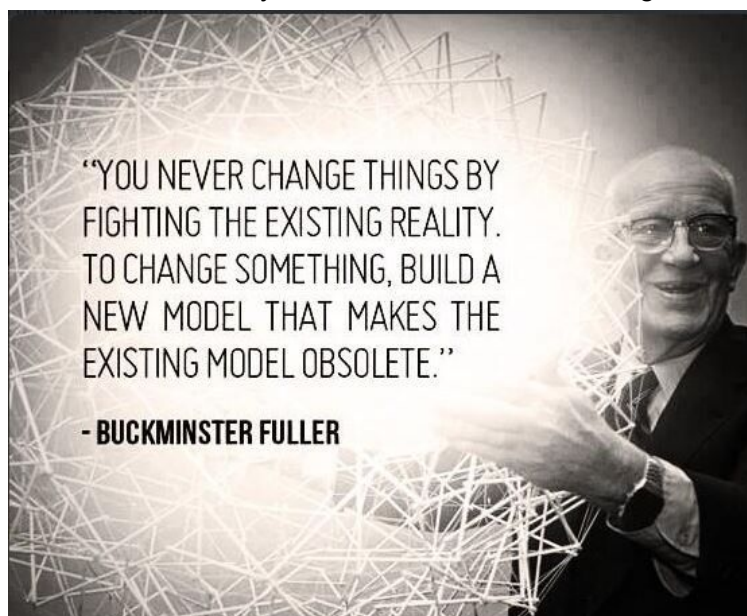
One cannot have **enlightenment** in a system that profits from **ignorance**.

One cannot have **educated**, well-informed voters in a system that profits from **fake news**.

Incentives are the main driving force of humankind.

We are wired for survival, our instincts allowed individual organisms to survive.

In order for humanity to survive, we need to change the incentives, change the system.



Better incentives

https://en.wikipedia.org/wiki/Gross_National_Happiness - Bhutan and New Zealand

“Country claims to be the first to measure success by people’s wellbeing”

People-planet-profit: https://en.wikipedia.org/wiki/Triple_bottom_line

People-planet-profit-purpose: https://en.wikipedia.org/wiki/Fourth_Bottom_Line

What are you proposing?

New incentives.

New economy.

New defaults.

New agreements.

New social contract.

New laws (*fit for purpose in the digital world*)

COVID is a big reset moment for the entire humanity, many areas of the economy went online.

The laws are lagging years behind reality, governments are slow to innovate, it is always the role of entrepreneurs to figure out what is coming next.

New laws for the world that went online.

Recent example from travel to conference in Estonia

- Originally from Poland (part of EU)
- Living in the UK (no longer part of EU)
- Been to a conference in Estonia
- Meet a guy from Germany
- Who has developers in Ukraine
- The end product lives on the App Store
- We talk via Skype
- Invoices sent via Gmail
- Paid via PayPal

Tech platform is the law? Tech platform deplatforming US president¹? Tech platform is the law.

Times are shifting, we need new laws for the digital civilisation:

¹ https://blog.twitter.com/en_us/topics/company/2020/suspension.html

- Simplified and standardised agreements for hiring freelancers on Elance, Fiverr, Toptal...
- Property rights in virtual worlds.
- Preserving privacy and data ownership.

Balajis's concept of the Network State

- <https://1729.com/how-to-start-a-new-country/>
- <https://twitter.com/balajis/status/1269178671086006273>



Digital nation first

Working on the passport cover:



IPFS:

<https://gateway.pinata.cloud/ipfs/QmeobMMV7ALj8AFD1U2Bm68kFAin8TCNtSTXXg7dsi4j1G/Network-State-Genesis.jpg>

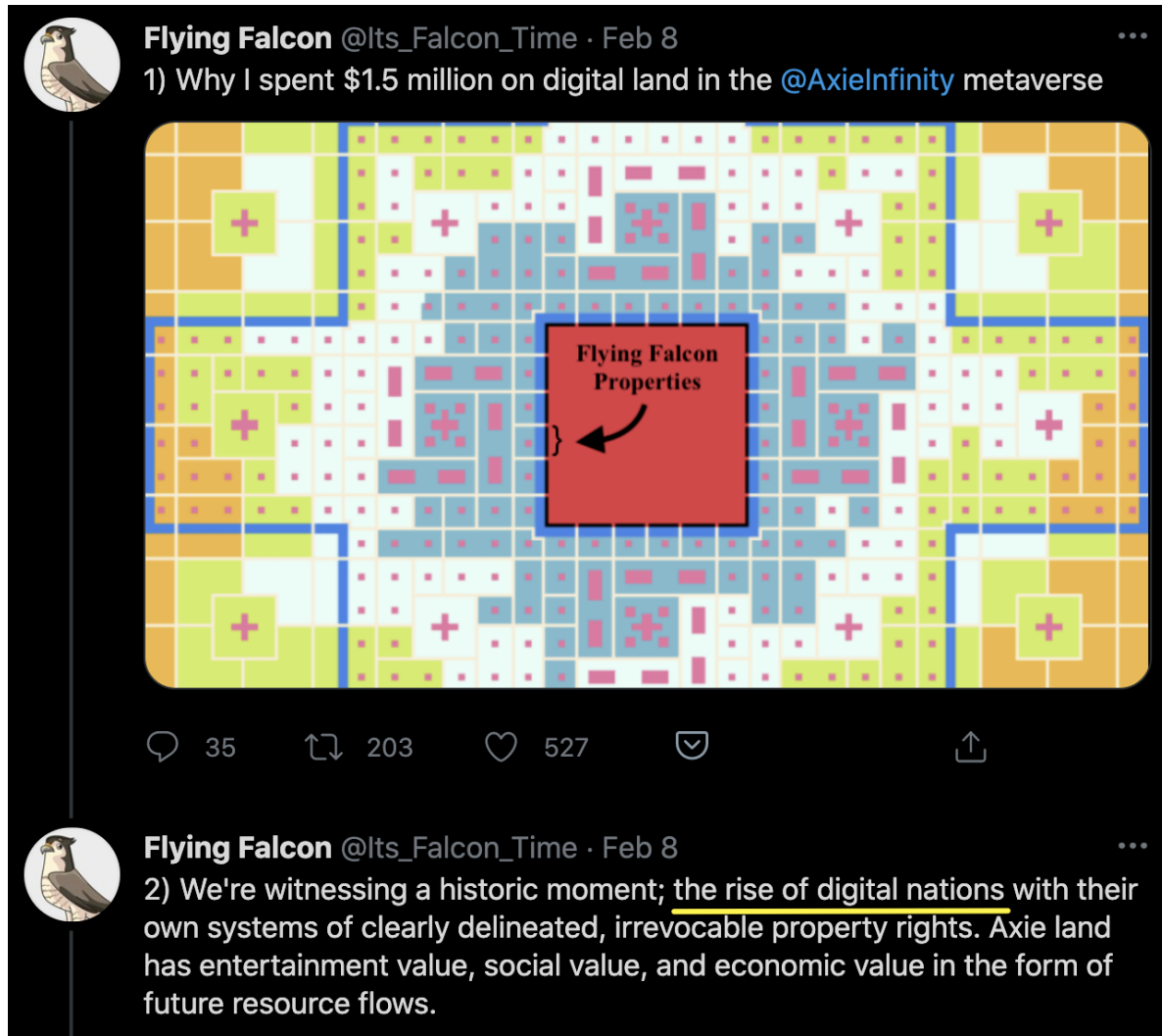
Design competition:

<https://99designs.co.uk/other-art-illustration/contests/network-state-genesis-passport-cover-1070183/entries>

This design is by no means final. The intention is to make it a collaborative effort. Choosing two winners was the best possible outcome - to compensate the designers in an equitable way.

Please check: <https://genesis.re/brief> - at this URL should be instructions about the design brief. We intend that the next version will be a `next level` collaboration

Current zeitgeist



Source: https://twitter.com/its_falcon_time/status/1358919496099110915

“Digital nations are forming, and the migration of capital has just begun.” via:
<https://acceleratedcapital.substack.com/p/yield-guild-games-the-metaverse-recruitment>

Now it is part of the mainstream

Thank you Netflix for making this concept part of the popular culture:

<https://www.youtube.com/watch?v=qS2NtbEolc8>



- https://en.wikipedia.org/wiki/Republic_of_Rose_Island
- https://en.wikipedia.org/wiki/Operation_Atlantis
- https://en.wikipedia.org/wiki/Principality_of_Sealand
- <https://en.wikipedia.org/wiki/Liberland>
- Seastading: <https://www.seastading.org/active-projects/>

Base reality agreements

In order to reach a consensus, we need to agree on something.

GRAVITY

We need to agree on something.

I personally believe in gravity.

I call myself “gravitarian”.

I believe that others also believe in gravity.

Gravity brings us together.

Even in the higher dimensions, the “law of attraction” is still in play, “like attracts like” - two particles coming together through various electromagnetic forces.

As a result: I believe that GRAVITY is something we can universally agree on.

To find a common ground, to find a consensus, to find an agreement - we need to establish a base reality.

Agreeing on gravity is a solid first step.

LIFE

Another fundamental agreement is life.

Life has value. Life is a miracle. Life is a gift. Life is something to be protected. Life is something to be preserved.

Once we agree on life (first principle), we can derive the following:

1. No killing (*universally agreed across legal systems and religions*)
2. Health (*including mental health, longevity, happiness, wellbeing*)
3. Biosphere, environment, other living creatures
4. AI safety²

² https://en.wikipedia.org/wiki/Instrumental_convergence

*“The scenario describes an advanced artificial intelligence tasked with manufacturing paperclips. If such a machine were **not programmed to value human life**, or to use only designated resources in bounded time, then given enough power its optimized goal would be to turn all matter in the universe, including human beings, into either paperclips or machines which manufacture paperclips.”*

5. Mars: backup civilisation is fully aligned with the virtue of life preservation

Ancient Democracy (where we are)

The current model of governance and decision making hasn't changed for centuries.





https://en.wikipedia.org/wiki/Signing_of_the_United_States_Declaration_of_Independence

Representative democracy was the best system when information was travelling at the speed of a horse, or ship.

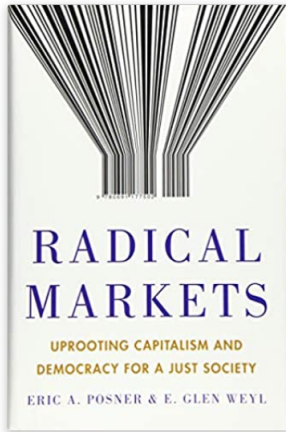
Now we have real time data and communication and we can make decisions in a much better, more informed way.

To be fair, I think that https://en.wikipedia.org/wiki/Citizens%27_assembly is better than https://en.wikipedia.org/wiki/Liquid_democracy simply because when delegating, the decision making power will flow to the top.

Diverse viewpoints offered by a Citizens' Assembly (supported by the experts) - would definitely be worth exploring.

There are also many innovative governance ideas described in the book:

<https://www.amazon.co.uk/Radical-Markets-Uprooting-Capitalism-Democracy/dp/0691177503>



Radical Markets: Uprooting Capitalism and Democracy for a Just Society

Hardcover – May 15, 2018

by [Eric A. Posner](#) (Author), [E. Glen Weyl](#) (Author)

★★★★★ 112 ratings

> See all formats and editions

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30 Used from \$5.10
28 New from \$9.17

MP3 CD
from \$10.99

3 New from \$10.99

Furthermore, there is an entire community working towards implementing concepts described in the book: <https://www.radicalxchange.org/>

(it's a fascinating book and a forward thinking community)

We believe it is easier to start fresh from a blank slate than to retrofit into an old system.

We encourage governance innovation.

In fact, there is a chance we will become the most innovative government on the planet (and beyond)

Our core speciality and export product could become social consensus technologies.

The Great Reset

The COVID recession is like The Great Depression, resetting the debt cycle:
<https://www.youtube.com/watch?v=PHe0bXAluk0> (a great explanation by Ray Dalio)

He also wrote this: <https://www.principles.com/the-changing-world-order/>

THE CHANGING WORLD ORDER

WHERE WE ARE AND WHERE WE'RE GOING

A new study on the rises and declines of past leading empires that puts today's economic, political, and policy situation into perspective of the big picture. Book version to be released this fall; read excerpts below now.

I refer to The Great Depression, also because it led to Hitler rising to power (difficult economic situation in Germany) and WW2.

Some issues remain the same

- Fake news
- Nationalism
- Economic crisis
- Removal of civil liberties (recent “Kill the Bill” protests in the UK)

Some issues are different:

- Internet
- Starlink and global access to fast internet
- Google + Facebook + information pipeline
- Uber + “Uber for X” on demand sharing economy
- Bitcoin (monetary policy)
- Blockchain (trust and transparency)
- AI
- Singularity
- COVID (massive accelerator, global reset)
- Climate change

Climate ~~change~~ emergency

UPDATE:

Why “emergency”? Because words matter. To preserve a livable planet, humanity must take action immediately. Failure to slash the amount of carbon dioxide in the atmosphere will make the extraordinary heat, storms, wildfires and ice melt of 2020 routine and could “render a significant portion of the Earth uninhabitable”

Signed by Covering Climate Now, Scientific American, Columbia Journalism Review, The Nation, [The Guardian](#), Noticias Telemundo, Al Jazeera, Asahi Shimbun, and La Repubblica

Climate emergency (incentives related to climate emergency) is my main personal motivation.

Not “polar bears losing habitats” or “biodiversity loss” but global geopolitical instability.

Extreme weather, food security, I can afford to pay \$2 rather than \$1 for a sack of rice, but if I was making \$1 per day or less in a sub-saharan Africa so I could get ‘hangry’ (hungry and angry)

I genuinely believe that many people (media, politicians, votes, policy makers) underestimate non-linear changes, tipping points and feedback loops.

Even though I am based in a relatively safe and well-adapted country (United Kingdom) I agree with the prime minister’s recent defence policy review³ - the instability in one region will affect trade routes and everything in between.

(speaking of trade routes, maybe you remember that ship that was stuck in the Suez Canal)

3

<https://www.theguardian.com/politics/2021/mar/14/johnson-plans-to-use-defence-overhaul-to-strengthen-uk-union>



Still frame from [Before The Flood](#).

Doomsday Clock

We are getting closer to extinction: <https://thebulletin.org/doomsday-clock/current-time/>

“As we noted in our last Doomsday Clock statement, the existential threats of nuclear weapons and climate change have intensified in recent years because of a threat multiplier: the continuing corruption of the information ecosphere on which democracy and public decision-making depend.”

To be fair, I've already lost the hope.

I went to COP24⁴ and realised that negotiators are very good at negotiating.

Reading the latest IPCC report leads to the conclusion that scientists are good at science.

(writers are good at writing, lawyers are good at law, accountants are good at accounting, etc...)

I am observing a disjoint between decision makers, politicians, science, media narrative, and typical voters.

- Extinction Rebellion gave me hope
- COVID gave me hope

⁴ <https://genesis.re/360/cop24>

- Involvement of **Bezos** (Earth Fund), **Musk** (Carbon XPRIZE) and **Gates** (recent book) gave me some hope. Combination of three richest men on Earth, means pretty much unlimited access to capital.

\$100m XPRIZE: <https://www.xprize.org/elongoeslive>



LIVE • CAPE CANAVERAL, EARTH DAY, 3PM EST

ELON MUSK & PETER DIAMANDIS

90 Min Live Discussion + Q&A

The \$100M XPRIZE
Carbon Removal

REGISTER NOW

WATCH LIVE & ASK QUESTIONS

“Join Elon Musk and Peter Diamandis LIVE as they discuss optimistic views of the future in wide-ranging topics from energy and communications to knowledge and transport, the importance of making humanity an interplanetary species plus the duo will announce the \$100M XPRIZE Carbon Removal competition guidelines and officially kickoff public debate on the guidelines and global team registration.”

In medicine there is “primum non nocere”⁵ - first do no harm. See the incentives related to fossil fuels⁶:

“A working paper published by the IMF last year estimated annual fossil fuel subsidies at \$5.2 trillion in 2017, or 6.5% of the global economy, illustrating the scale of the challenge.”

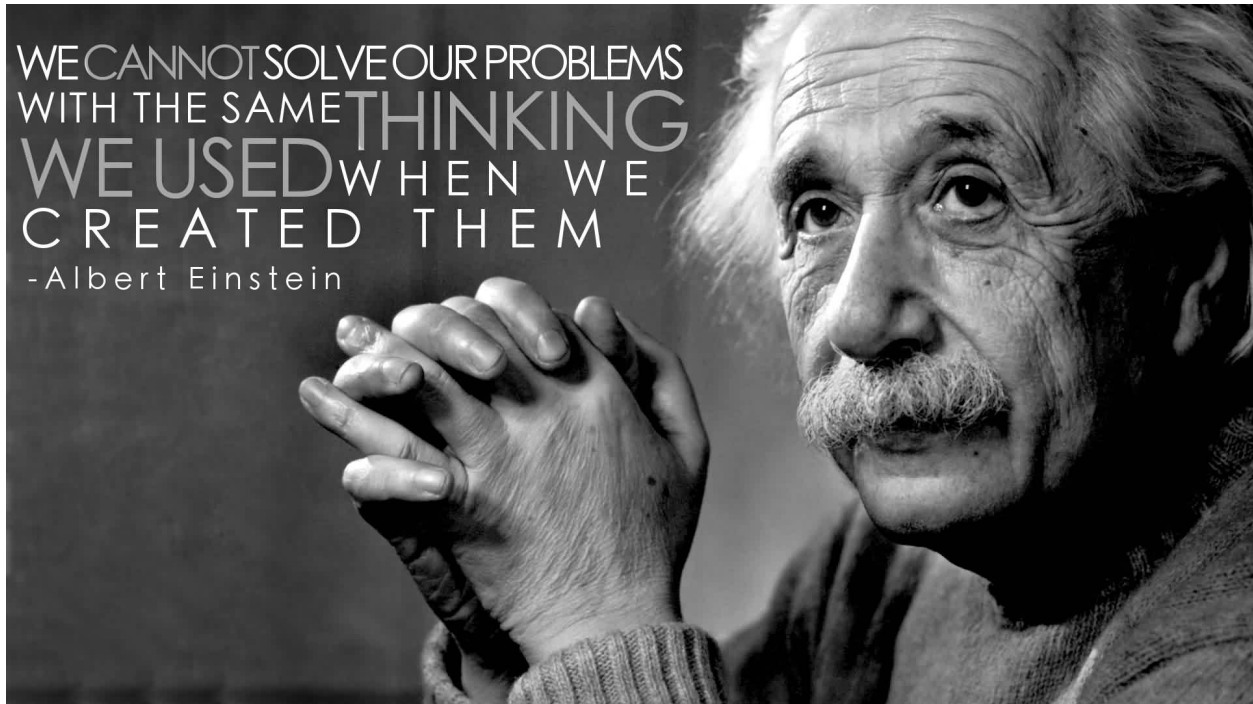
It is possible to hold both views at the same time - optimistic about human ingenuity, pessimistic about years of inaction and public awareness. Being aware of long lasting implications of the climate breakdown is not in contradiction with the abundance mindset. Let's solve this problem

⁵ https://en.wikipedia.org/wiki/Primum_non_nocere

⁶

<https://www.weforum.org/agenda/2020/06/end-fossil-fuel-subsidies-economy-imf-georgieva-great-reset-climate/>

New World Order without WW3



Planetary Council

The United Nations was created in 1945 after WW2, replacing the League of Nations.

The League of Nations was created in 1920 after WW1, replacing the International Peace Bureau

https://en.wikipedia.org/wiki/List_of_Nobel_Peace_Prize_laureates - a lot of International Peace Bureau dudes but it wasn't enough to prevent WW1.

The Planetary Council is a peaceful successor to the United Nations with an actionable and enforceable decision making process.

New consensus.

(so that a single country with incentives aligned to oil does not veto climate policies)

New enforcement.

(so that decisions are in fact binding and enforceable)

Framework for global cooperation and large infrastructure projects.
(with the emphasis on energy, food, and water security)

Recent example from the football world⁷, you can create your own league:



We create **Network State Genesis** and **Planetary Council** and **Galactic Federation**.

"We want to be able to peacefully start a new country for the same reason we want a bare plot of earth, a blank sheet of paper, an empty text buffer, a fresh startup, or a clean slate. Because we want to build something new without historical constraint."⁸

Another reason why **Planetary Council** superseding the **United Nations** is that dudes like GAFAM (Big Tech) spend more money on lobbying than GDP of some countries.

With the Big Tech onboard we can literally change the homepage and shift the consciousness of the planet.

It was possible with COVID, it is possible this time as well.

Nitty gritty policy implementation details

To be decided by:

- Citizens' Assembly
- Liquid Democracy

⁷ <https://twitter.com/FabrizioRomano/status/1383906402091995140>

⁸ <https://1729.com/how-to-start-a-new-country/>

- Radical Markets
- AI driven simulation
- incentive structure + gamification
- real time feedback
- pilot programmes
- popularity contest aka “voting”

As long as we agree on **LIFE** and **GRAVITY** we are in the same boat.

At this stage these are broad hypotheses.

It is possible that we have conflicting views in some of them - please don't dismiss the big picture just because you don't agree with some “bikeshedding” detail.

(it remains debatable whether we should skip the proposed policies to avoid debate, at the same time we believe that showing our core set of values could help with attracting supporters)

These are general suggestions, general themes.

These are by no means final.

They represent personal views of the founding team and we are hoping that you will remain tolerant and open-minded.

Sovereignty

Your body, your business.

Your mind, your business.

Cognitive liberty.

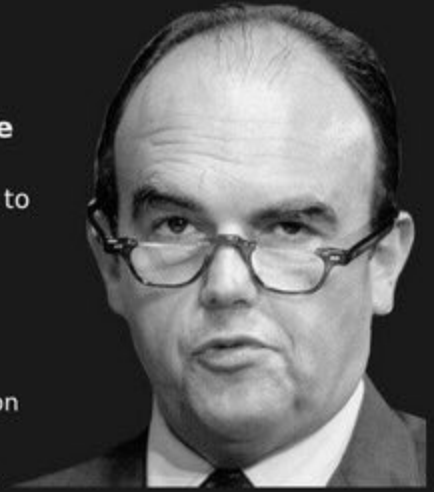
No thought is illegal.

WHY THE WAR ON DRUG USERS?

"You want to know what this was really all about? Nixon had two enemies: the antiwar Left, and black people. **We knew we couldn't make it illegal to be either against the war or black.** But by getting the public to associate the hippies with marijuana and blacks with heroin, and then criminalizing both heavily, we could disrupt those communities. **Did we know we were lying about the drugs? Of course we did.**"

-- John Ehrlichman, Counsel and Assistant to US President Nixon

Interviewed in 1992. Full quote in "Truth, Lies, and Audiotape" (2012) by Dan Baum, journalist and author of *Smoke and Mirrors: The War on Drugs and the Politics of Failure*.



"war on drugs" and private prison system⁹ got out of control.

Putting people in jail for drug-related offences is a low-cost customer acquisition, with pretty high lifetime value - example of an incentive that went terribly wrong.

Voluntaryism

Everything is voluntary, including taxation.

Example from **E-Estonia Voluntary Tax P2P Personal Tokens UBI Blockchain DAO**

<https://gateway.pinata.cloud/ipfs/QmQPtjWgrtzneqq9CF5SVZGUWCTNrMxvGjjA7XJstWrqRCQ>

Paradigm shift (*can win a Nobel Prize in Economics a few years from now*)

From: **"taxation is a theft"**

To: **"monthly subscription for governance services"**

Idea in a nutshell: citizens can voluntarily contribute 2 hours per month of their time to the DAO to receive tokens exchangeable for services of the government.

You can always buy services from the government at the market price, but the subscription is better, less hassle, better price, effectively a "no brainer" to use. It is also fun to do things together while supporting the **Network State Genesis** with your energy.

⁹ https://en.wikipedia.org/wiki/Prison-industrial_complex

Enforcement of blockchain agreements in the physical world

An example: you own NFT that represents ownership of self-driving Tesla that is earning you an income.

Someone decides to hack it and steals the vehicle.

Do we have the law enforcement infrastructure across the planet to repossess the vehicle?

How long would it take under the current legal regime for courts to issue a legally binding order and to actually enforce it?

I bet 1 ETH more than 1 year from start to finish, we can put that bet on the blockchain.

RELATED: <http://3drbp.com/> - 3D Reality Bridging Protocol

Transparency by default

Network State Genesis is “blockchain native”, transparency is a built-in competitive advantage

Baseline and Kleros hackathons:

- Demo: <https://github.com/genesisdotre/globaltrade>
- Research:
<https://gateway.pinata.cloud/ipfs/QmV63HuTqC46qvZtY3HTmpKM84XZTQXqi5roBXUNg6tHVS>
- Shilling blockchain transparency as competitive advantage:
<https://gateway.pinata.cloud/ipfs/QmXM2JG1eF5fa1rEAJnzF4EEbsPtsJWKJ35AKuteEQKBRF>



china waybill blockchain



About 173,000 results (0.77 seconds)

<http://www.xinhuanet.com> › english ▼

Blockchain powers China-Europe rail trade - Xinhua | English ...

3 days ago — **Blockchain** is being used to boost trade through the **China-Europe** ... a **waybill** issued in 2007 for a freight train departing from **China** to Latvia.

It is happening, it is happening right now.

Personal skill: [SEZ.network](#) (network of SEZ, special economic zones, that operate under special laws).

Putting global trade (invoice factoring, trade financing) on the blockchain.

Multi-trillion dollar opportunity right there, happening right now.

Putting carbon credits (emission trading) on the blockchain too.

Using CO₂ emissions as the 1st class figure in all transport, import, trade documents.

Effectively tracking CO₂ emissions across the entire supply chain.

3m29m "The Great Reset" meme by World Economic Forum: <https://youtu.be/FZP29tZMNGM>



Unified emission trading system

Just like you have **1 person 1 vote**, it is possible to agree for **1 person 1 unit**:

<https://steemit.com/climatechange/@genesire/a-quick-note-about-emission-trading-system-carbon-credits-open-climate-collabathon>

It is easy to explain and easy to understand.

That would be a gamechanger for developing countries who do not have grandfathered allowances.

Note that Kyoto protocol was developed many years ago, at the times when the scope of climate emergency wasn't fully understood yet.

Global energy grid

"When Buckminster Fuller was asked by a 12 year old boy, How would you suggest solving international problems without violence? he answered: I always try to solve problems by some artifact, some tool or invention that makes what people are doing obsolete, so that it makes this particular kind of problem no longer relevant. My answer would be to develop a world energy grid, an electric grid where everybody is on the same grid.

All of a sudden there would be no problems any more, no international troubles. Our new economic basis wouldn't be gold or dollars; it would be kilowatt hours."

I'm a big fan of Buckminster Fuller:

<http://www.geni.org/globalenergy/library/newsletters/1995/buckminster-fuller-on-the-global-energy-grid.shtml>

When you think about it, there is always a place on the planet where the Sun is shining and the wind is blowing.

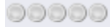

Bitcoin and clean energy

<https://bitcoinmythology.org/>

I personally believe that Bitcoin mining is a great use case for abundant renewable clean energy.

Acting as a store-of-value, store-of-energy, it allows for transmission (and preservation) of energy through time and space at the speed of light.

It is a stark contrast to the fossil fuel economy, OPEC cartel, dependency on oil, 8% GDP military spend in Saudi Arabia, PoV (proof of violence) imposed by the US military (supporting Bretton Woods system) that runs on oil.

satoshi Founder Sr. Member  Activity: 364 Merit: 2715 	Re: Bitcoin minting is thermodynamically perverse August 07, 2010, 05:46:09 PM <i>Merited by Foxpup (4), fillippone (2)</i> <hr/> It's the same situation as gold and gold mining. The marginal cost of gold mining tends to stay near the price of gold. Gold mining is a waste, but that waste is far less than the utility of having gold available as a medium of exchange. I think the case will be the same for Bitcoin. The utility of the exchanges made possible by Bitcoin will far exceed the cost of electricity used. Therefore, <i>not</i> having Bitcoin would be the net waste.	#29
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"The utility of the exchanges made possible by Bitcoin will far exceed the cost of electricity used. Therefore, not having Bitcoin is a net waste" - Satoshi Nakamoto, 7th August 2010¹⁰

1000+ years time horizon

(far beyond current election cycle, far beyond current human life expectancy)

LIFE is our core value.

Longevity is naturally aligned with our ethos.

Ending WW2 reparation disputes

Dudes, that was 1945.

Most of the perpetrators are probably dead by now.

We need to finally settle the matter.

Otherwise the news like this¹¹ keeps dropping:

Greece makes fresh WWII reparation claims from Germany

Greece has renewed its calls for negotiations with Germany on reparations for damage caused in World War II. "These demands are valid and active," a Greek official said.

Related to my upbringing, I was born in Poland. Poland was hurt pretty badly in WW2. Some properties are still abandoned in a dilapidated state due to unresolved WW2 inheritance issues.

¹⁰ <https://bitcointalk.org/index.php?topic=721.msg8114#msg8114>

¹¹ <https://www.dw.com/en/greece-makes-fresh-wwii-reparation-claims-from-germany/a-57102886>

End of WW2 was the beginning of the previous **New World Order**.

Now we have **New New World Order** and we need to finally settle the WW2 disputes.

It's a deep, painful, controversial, "politically charged" subject:

- https://en.wikipedia.org/wiki/Legality_of_Holocaust_denial
- https://en.wikipedia.org/wiki/Polish_death_camp_controversy
- [Polish PM furious at Putin rewriting history of second world war](#) - Guardian

The suggestion is to create a 10 years timeout - "call for owners" - after 10 years, the property will be auctioned and the proceeds of the funds will benefit local communities.

If you cannot beat them, join them

There will be many network states.

We are open by default.

If you are faster, better, harder, stronger - honoured to join your forces.

Or you can join us, as long as you agree with **LIFE** and **GRAVITY**.

Open-source, anti-fragile, anti-rivalry

Please fork our work - or submit pull requests, or find bugs.

Your hacks will make us more resilient.

We are open by default.

We see diversity and multiple cultures, multiple viewpoints as competitive advantages.

As long as you agree on **LIFE** and **GRAVITY** we can play in the same team.

Nuclear disarmament

Nuclear disarmament simply because existing nuclear stockpile could be an existential threat to humanity

We value **LIFE**.

Thought experiment: SpaceX + Boring Company + sending nukes into space to drill into an asteroid and make fireworks visible from the entire planet all at once?

Not practical in reality: https://en.wikipedia.org/wiki/Kessler_syndrome - cascading collision of satellites. Only a thought experiment, in our jurisdiction no thought is illegal.

Moratorium on factory farming

Directly related to no killing, health and biosphere but important enough to deserve an individual mention.

If we cannot prevent killing, then we can impose an AID: Artificial Insemination Directive.

Artificial insemination is against animal cruelty laws.

Meat itself is still OK, the factory farming is not.

You can grow your own supply, personal liberty, freedom, sovereignty.

Moratorium on fake news

In the old system it used to be OK - increasing time on site, engagement rate (outragement) at a cost of emotional wellbeing.

Life is our core value, health is important, messing with mental health and wellbeing is uncool.

Related: <https://telltthetruth.media>

Related:

<https://community.humanetech.com/t/aligning-incentives-of-media-personal-reality-filter/5126>

1. you actually own your own device
2. run a personal reality filter that is shielding you from bullshit

Your personal AI agent that is working for you, your own wellbeing.

Fake news is also dangerous from the context of waging wars: they did this, they did that.

Basically this is uncool.

Philosophical debate on Kleros forum:

<https://forum.kleros.io/t/extending-fake-news-prevention-mechanism-banning-fake-news-just-like-you-ban-chemical-weapons-land-mines-and-nukes/249>

Moratorium on...

As long as it is legal and profitable, the destruction of the natural environment will continue.

We plan to change the incentives

We plan to change the definition of value.

Regulation and compliance

Who is regulating the regulators?

Who is watching the watchers?

Don't trust. Verify.

We are regulated by the laws of physics, including the laws of thermodynamics protecting the blockchain.

We are compliant with our fundamental core set of values: **LIFE** and **GRAVITY**.

Contact

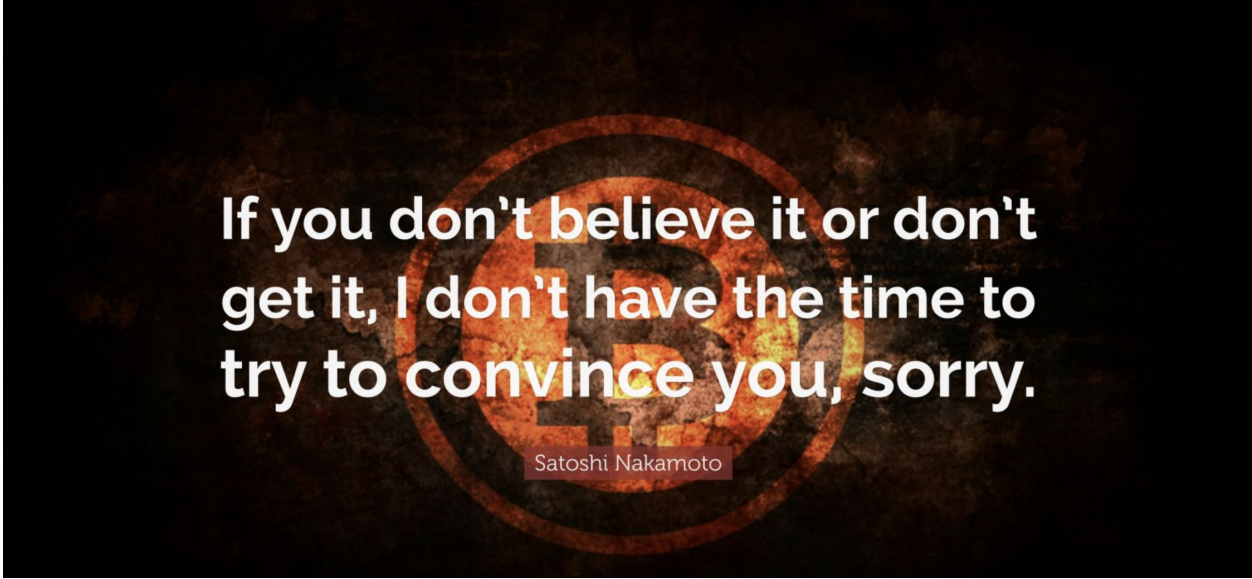
- <https://genesis.re>
- email@genesis.re
- [@genesisdotre](https://twitter.com/genesisdotre) on Twitter

Discord - TBD

Discourse - TBD

Mailing list - TBD

Please check the website / Twitter / search engine “network state genesis” for the latest.



If you don't believe it or don't get it, I don't have the time to try to convince you, sorry.

Satoshi Nakamoto



What we call **reality** is in fact nothing more than a **culturally sanctioned** and linguistically reinforced **hallucination**.

—— Terence McKenna ——

Appendix 1: Historical examples of buying land

In the previous chapters we mentioned the strategy - **digital first**.

At some point, once we establish credibility and get some press, it should be possible to negotiate an agreeable deal.

1626 Manhattan: https://en.wikipedia.org/wiki/Peter_Minuit

"purchasing the island of Manhattan from the Native Americans in exchange for traded goods valued at 60 guilders"

1848 Mexico Cession: https://en.wikipedia.org/wiki/Mexican_Cession

1867 Alaska: https://en.wikipedia.org/wiki/Alaska_Purchase

1917 US Virgin Islands: https://en.wikipedia.org/wiki/United_States_Virgin_Islands

Appendix 2: (suggestion) Kazakhstan and Baikonur

Kazakhstan has land.

So much land, they have a nuclear testing site that is open to the public¹², an island with biological weapons and space infrastructure (cosmodrome Baikonur) because it was so remote.

SpaceX is limited to 4% of the world population, only US citizens (restrictions of rocket technology)

Tesla has open-sourced their patents.

What would it take for SpaceX to do the same?

Currently Russians are leasing Baikonur:

"agreed to a US\$115 million annual lease of the site for 20 years with an option for a 10-year extension"

They already started building a new one: https://en.wikipedia.org/wiki/Vostochny_Cosmodrome

"The mission was declared a failure after telemetry was lost and the rocket re-entered the atmosphere due to the Fregat upper stage being programmed for a launch from Baikonur rather than the new Vostochny Cosmodrome."

Rocket science didn't add up anymore as they changed lat / long parameters LOL

Kazakhstan appears forward thinking, maybe soon we will see the headline *"Kazakhstan in talks on \$700 mln lease of Baikonur"*

¹² https://en.wikipedia.org/wiki/Semipalatinsk_Test_Site

ASIAN CURRENCY NEWS SEPTEMBER 2, 2020 / 7:08 AM / UPDATED 7 MONTHS AGO

Kazakhstan in talks on \$700 mln in cryptocurrency mining projects

From the intro: ***“We are wired for survival, our instincts allowed individual organisms to survive.”***

Backup civilization on Mars is definitely a must have.

Doing whatever it takes to accelerate the process.

Democratising access to space infrastructure (not just SpaceX, not just US) is needed.

It is such an audacious vision, it could easily go viral, get some press... actually make it happen!

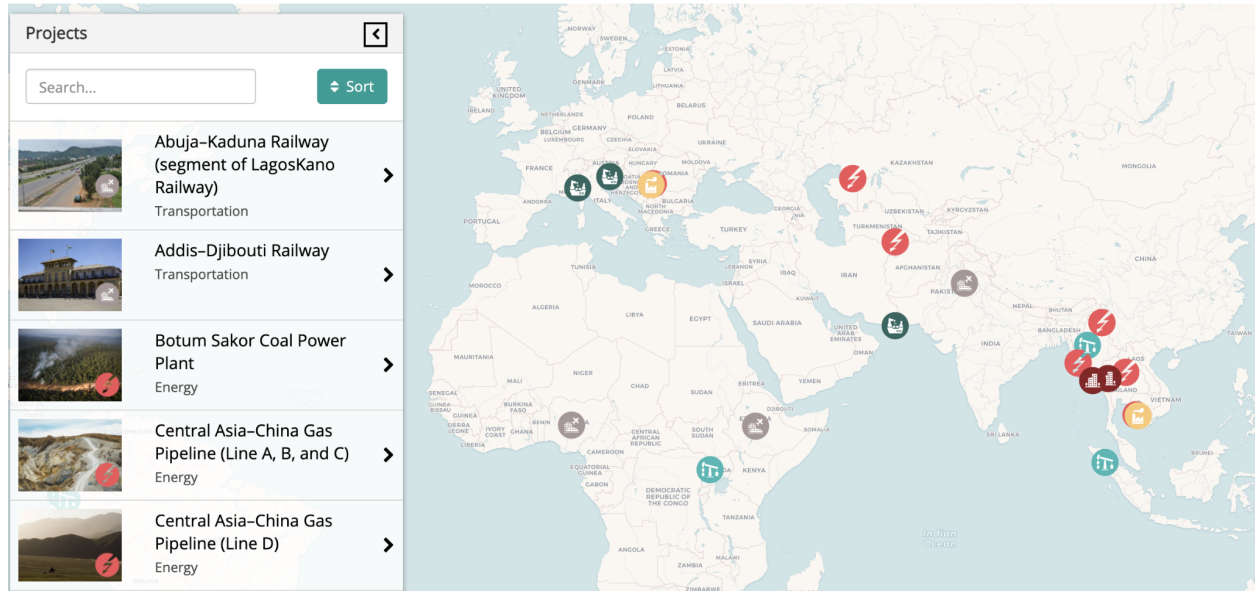
(retweet from Elon can easily make this thing go viral)

HINT: <https://genesis.re/retweet> - check for the latest piece of content worth retweeting. Just like being on the Oprah show, retweets from Elon Musk are the fastest marketing strategy.

While we are at it: [Belt and Road Initiative](#) and [China–Pakistan Economic Corridor](#) - surely there will be new cities and infrastructure built along the way. To help resolve disputes between India and Pakistan we can establish a “free trade zone” operating under the jurisdiction of **Network State Genesis**.

I think neutral jurisdiction is better than the loans from China that are never meant to be repaid.

See global influence of China on the map: <https://thepeoplesmap.net/>



Worth noting Kazakhstan's religious balance. In my opinion it implies tolerance as two (or more) major religions can coexist with each other.

	
Location of Kazakhstan (green)	
Capital	Nur-Sultan 51°10'N 71°26'E
Largest city	Almaty
Official languages	Kazakh
Co-official	Russian ^[a]
Official scripts	Cyrillic ^[b] · Latin ^[c]
Ethnic groups (2020 ^[2])	68.5% Kazakh 18.9% Russian 3.3% Uzbek 1.5% Uyghur 1.4% Ukrainian 1.1% Tatar 1.0% German 4.5% Others
Religion	70.2% Muslims 26.3% Christians 3.5% others

Making life multiplanetary:

https://www.spacex.com/media/making_life_multiplanetary_transcript_2017.pdf

Appendix 3: Personal credentials of Mars

- Poland
- UK
- Bitnation
- E-Estonia + Estonia DAO
- E-Liberland
- I was in court many times, probably the biggest realisation:

“not the facts, not the evidence, but perception is reality”

From retrospect, that court detour (*legal bullshit*) was a greatly valuable life lesson

- Fellowship of Justice: <https://blog.kleros.io/kleros-fellowship-second-generation/>

As a by product, I have these two domains for sale, blockchain is a very good use case for data integrity:

- <http://legalprintscreen.com>
- <http://legalscreenshot.com>

The encounter with the government apparatus and the court system was a traumatic, life changing event that made me who I am right now.

Appendix 4: Personal principles of Mars

- Life is a gift, to live is an art
- Effective altruism
- Deep adaptation
- Regenerative civilisation
- Exponential mindset
- Abundance mindset
- Hacker mindset can go a long way
- Hack the planet(s)
- Realising human potential to heal the planet(s)

Appendix 5: More content (*supplementary material*)

<https://genesis.re/book>

It was written before COVID, COVID gave me loads of hope, radical change is possible.



20m20s for 2020: https://youtu.be/hH-8JamPP_A



<https://marsrobertson.com>

IPO (initial passport offering) as NFT ETH smart contract: [0x3ef61d25b2bf303de52efdd5e50698bed8f9eb8d](https://etherscan.io/address/0x3ef61d25b2bf303de52efdd5e50698bed8f9eb8d)



In order to protect my free thoughts I had to establish the Liberland embassy.
(freedom of thoughts guaranteed by the constitution)

It would be better if I was anon from the ground up but it is impossible to go anon after the fact.

Planning to remove myself as soon as technically possible, it should be possible at some point in the future as we build the infrastructure:

TODO: <http://3drbp.com/> - 3D Reality Bridging Protocol - ability to use Twitter as DAO

TODO: DAO as 1st class legal entity: <https://youtu.be/sMzGRj1hLzM>

Cannot solve all problems all at once, as AI become more sentient we will see robot citizens:
<https://www.dw.com/en/saudi-arabia-grants-citizenship-to-robot-sophia/a-41150856>

Or apes: https://en.wikipedia.org/wiki/Great_ape_personhood

Or nature: https://en.wikipedia.org/wiki/Environmental_personhood

I admit a fallacy to remember events from my lifetime. Only recently realised that the transition from horse to car was a big deal.

Current model of civilization is transitioning to digital.

Vote with your consciousness, vote with you monetary energy.

PASSPORT address: `0x3ef61d25b2bf303de52efdd5e50698bed8f9eb8d`

<https://etherscan.io/address/0x3ef61d25b2bf303de52efdd5e50698bed8f9eb8d#code>

Appendix 6: Smart contract on Ethereum blockchain

128 passports will be preminted for partnership purposes.

If you are head of state, CEO of an organised religion, nobel prize winner, 10m or more followers on social media, a billion dollar valuation, business tycoon or media powerhouse - please apply within.

We encourage you to “market buy” anyway - it’s more fair.

Some people may not have technical expertise - that's why the decision to create a preminted supply.

ETH because it is the most legit and widely used platform for smart contracts.

Further developments will most likely continue on layer 2, sidechain, off-chain.

(such as voting with emojis on Discord)

Appendix 7: COP26 and POC26

COP26 and POC26 castle in Scotland

- COP26: <https://ukcop26.org/>
- POC21 (in 2015): https://en.wikipedia.org/wiki/POC21_innovation_camp

There will be many prime ministers and heads of states coming to Scotland for COP26.

We would like to organise POC26 with the long term vision of working towards the \$100m Elon Musk Carbon XPRIZE.

This is a bold idea that can attract capital.



Knockderry House Hotel, Shore Road, Cove, Helensburgh, G84 [See map](#) [Share](#) [Heart](#)

Offers Over

£1,500,000

[Monthly mortgage payments](#)

Added on 11/03/2021

MARKETED BY

Savills, Glasgow

163 West George Street,
Glasgow, G2 2JJ

- Property above: <https://www.rightmove.co.uk/properties/103947299#/>
- More castles: <https://castleist.com/castles-for-sale-in-scotland>

The timing prior to COP26 is rather tight, but not impossible. The real-estate market is not very blockchain friendly. It should be possible to buy a property in 6 blocks (one hour) but the legacy society infrastructure is not ready. Depending on the progress we will make a push towards COP26, and even if not, then **climate change emergency** is not going anywhere, we are bullish on **climate change emergency** and **climate change emergency** adaptation technologies.

Open ended question: crowdfunding by the members or philanthropic donation?

Potentially a mix of both:

- Committed community that is doing the crowdfunding effort
- Philanthropic donor who sees the momentum and is aligned with the vision

TODO: DeFi blockchain DAO financing option: on-chain off-chain mortgage provider

If you are reading this and you are interested in contributing - please check the website for the latest information.

Appendix 8: How many “multi-trillion dollar” market opportunities?

On a planetary scale, what is happening right now is a pretty big deal:

- Agricultural revolution.
- Industrial revolution.
- Digital revolution. Convergence of exponentials: AI, blockchain, drones, VR / AR / XR, IoT, robotics, 3D printing... COVID acting as the accelerator.

There are so many groundbreaking opportunities, to name just a few:

1. Mental health, happiness, wellbeing
2. Digital twin, online avatar, personal reality filter for low-information diet
3. Longevity
4. Space
5. Global trade, trade financing, invoice factoring, automated taxation
6. CO₂ emission trading and tracking
7. Scalable housing - building cities for climate refugees
8. Giant infrastructure projects (global energy grid)
9. Digital jurisdiction, intellectual property, dispute resolution, online work defaults
10. Repurposing military for law enforcement and peace-keeping

The purpose of **Network State Genesis**?

We can solve any problem.

We cannot solve all the problems, all at once.

Doing what I can with what I have.

What is the “effective altruism” way?

Change the game. Change the incentives.

When in doubt, go back to basics: first principles and reality agreements: **LIFE and GRAVITY.**