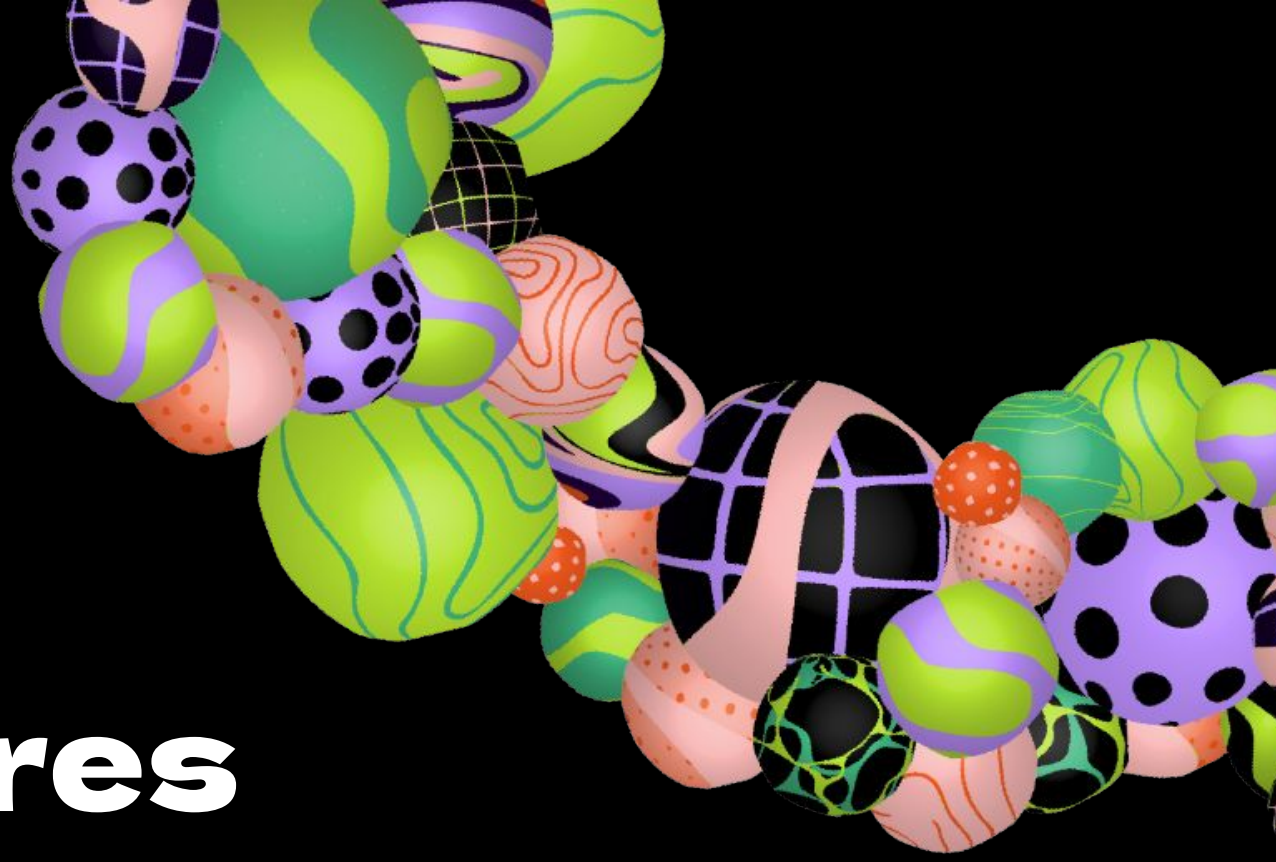
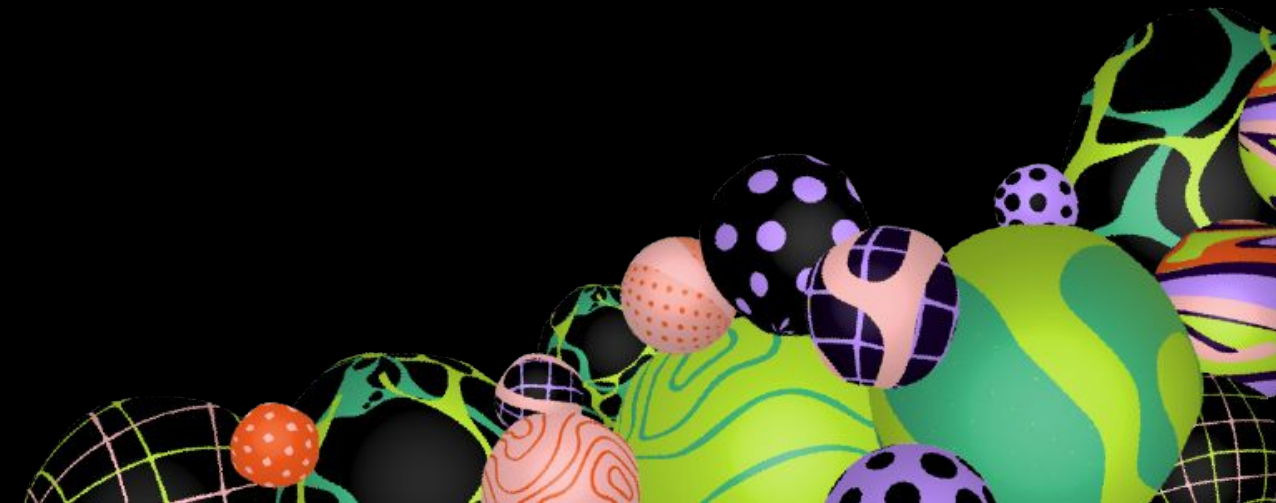
Web3 Futures

Unearthing the potential for nonprofits





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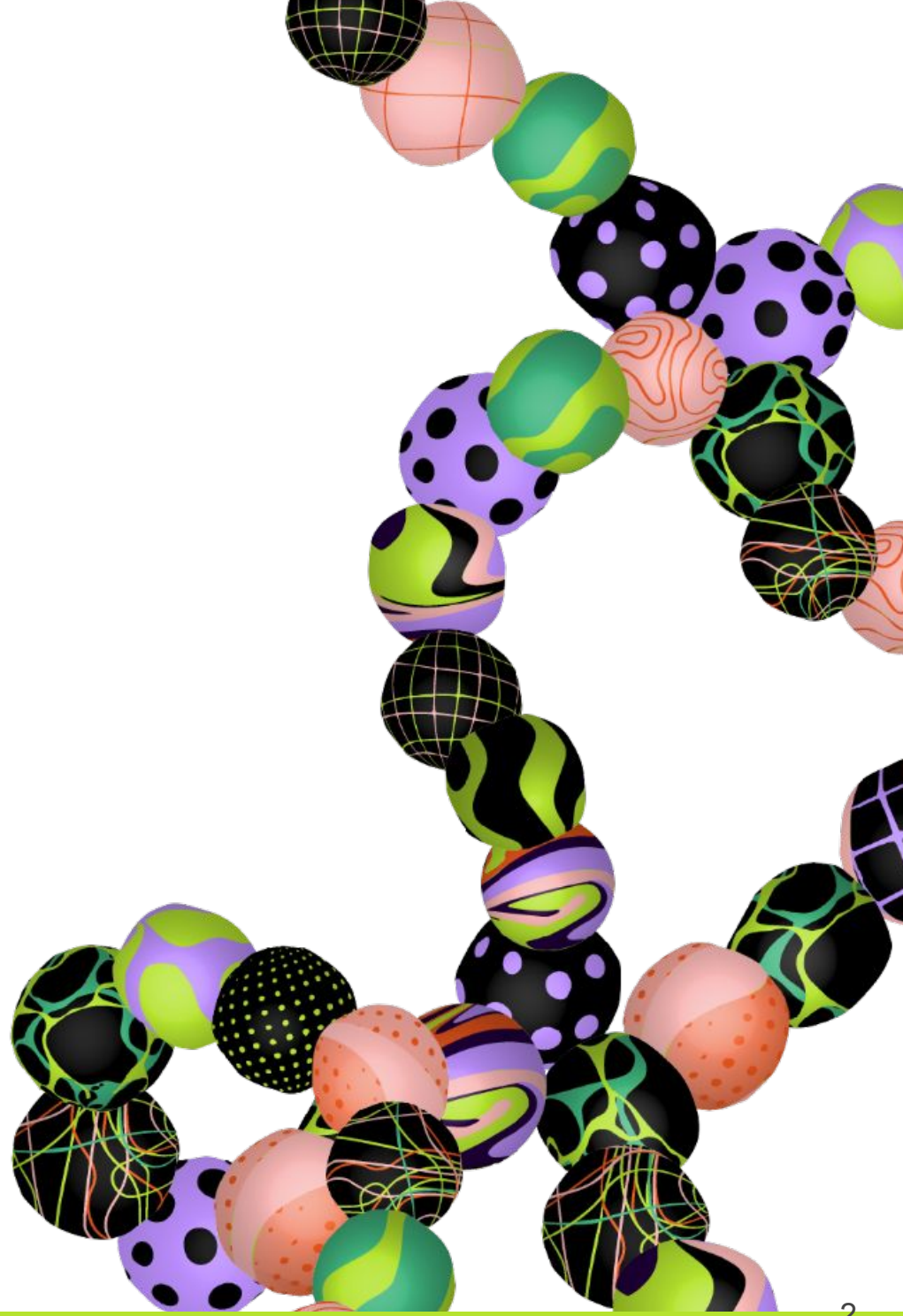


“**Web3** is becoming the collective term for blockchain, crypto, decentralisation & **hope for a better internet.**”

- The Alternative UK

“The technological shifts underpinning Web3 promise to **rebuild the web with a new set of values**: less centralised power, more **distributed ownership**, **more user sovereignty.**”

- Rich Bartlett, The Hum

Introduction

As Web3 technologies continue to mature they offer disruptive applications across multiple sectors. From transparent funding and decentralised decision-making, to community ownership and tokens that incentivise a different form of value exchange, it seems like there is potential for Web3 to impact the nonprofit sector; how it operates and the value it creates. However, Web3 is a complex area, encompassing many different values and technologies. With limited resources, nonprofits often struggle to invest the time and attention needed to properly assess and act on the potential that Web3 offers.

In collaboration with Catalyst, Huddlecraft proposed an approach that would invite 5 nonprofits into a 3-day learning immersion to explore the potential of Web3 for them. And in the process, harvest learnings that can inform the wider sector, and test a model of learning that might be useful in assessing the value of other emerging technologies.

Huddlecraft proposed a process that would combine the value of both horizontal and vertical learning; the power of peer learning and support alongside the depth of existing Web3 expertise. Our aims were to:

- **Discover**: Better understand the evolving Web3 landscape and the potential it holds for nonprofits
- **Connect**: Build relationships to support continued learning about Web3
- **Apply**: take steps to apply the learnings in different contexts
- **Disseminate**: share practical learnings with the wider nonprofit sector

Huddlecraft

Catalyst

Brought to you by Huddlecraft & Catalyst

Participants

Roald Dahl's Marvellous Children's Charity

Mission: Provide specialist nurses and support for seriously ill children in the UK
Why I'm participating in Web3 Futures: "We came to engage, learn and identify potential opportunities"

Save the Children UK

Mission: In the UK and around the world, we make sure children keep safe, healthy and learning.
"What's not to love about a better fairer internet! Web3 exploration has been happening across our global federation in pockets in exciting places. However, as it evolves and at pace, the more of us that begin to understand the potential, the greater our impact for children around the world."

Signalise

Mission: Have a cooperatively owned business of Deaf users and interpreters delivering services in a way that is owned and controlled by them for the benefit of all users
Why I'm participating in Web3 Futures: "To use Web3 to enable greater participation, co-op structures and scaling of the co-op and bring about bigger change for the community."

Transition Network

Mission: Support the Transition movement, amplify stories of community-led change, and nurture collaborations across difference to challenge us all to reimagine and rebuild our world.

The Visionaries

Mission: Act as a decentralised network of visionary educators, who are using nature connection and regenerative education to build a healthier society.
Why I'm participating in Web3 Futures: "To learn more about Web3's potential in facilitating a more decentralised approach to the running of our organisation "

The **process**

The process centred around a 3-days learning immersion. In the lead up, Huddlecraft recruited two Web3 mentors and some Huddlecraft Collective support to curate introductory content on Web3 - definitions, innovative case studies and provocations of potential opportunity areas. The five nonprofits were then hosted through the three day immersion, which was loosely structured on International Futures Forum's Three Horizons approach.

The first day was all about the case for change: what are the pressures that mean the way we're doing things currently aren't fit for the future? The second focused on our visions for the future, both collective and organisational. And the third day was about creatively exploring the areas of potential we sensed in the transition from where we are now and where we want to get to. Below is an overview of the objectives and outputs of each day:

	Day 1: The Case for Change	**Day 2:** Future Visions	**Day 3:** Creative Transitions
Objectives	• Build relationships & set a co-learning culture • Build a shared understanding of the principles underpinning Web3 • Identify the case for change for the sector and the pain points of each nonprofit	• Gain inspiration from seeds of the future in the present • Create space to dream • Get clearer about what our vision for the future looks and feels like	• Clearly define areas of opportunity and potential • Create 'design fictions' that illustrate the potential of Web3 for each organisation • Reflect on the process
Outputs	• Shared map of the case for change • Needs assessment for each nonprofit	• Bank of innovative Web3 case studies • Organisational and collective visions	• Web3 opportunity areas for each nonprofit • 1-2 'design fictions' for each nonprofit

Defining **Web3**

by Matt Weatherall, Incubation Lead at RADAR



Web3 is a vision for a better, fairer internet. The movement behind Web3 represents a shift toward a world where power is not concentrated in the hands of so few. The idea is to take the internet as we know it and add a new technology that enables people to interact without the need for a third party authority. This decentralising technology shifts the power and control from platforms to people, from corporations to communities. It creates new possibilities like faster, cheaper, and more transparent giving, and peer-to-peer coordination at scale. Web3 is still very much in its formative years. It's not clearly defined; it's a work-in-progress. Rather than thinking of Web3 as a new technology to keep up with, we can think of it as an invitation to join a movement toward putting power back in the hands of the people.

Web3 is very much still in its formative years. It is not yet clearly defined. A common phrase heard in Web3 is: "we're still early".

There is an opportunity to redefine Web3 for and with new ~~audiences~~ participants like nonprofits, and to make it more inclusive and accessible. "Let's not repeat the mistakes of web2 and all that came before. We have the opportunity to shape the culture of Web3 by shaping the language of Web3."

For the nonprofit sector, and for most people, what's more interesting than the technology is what the technology can actually do and what problems it solves for people.

"You only really need the conceptual overview. In the same way you don't need to grasp the entirety of the global financial model to fundraise, you don't need to know cryptography to ask for a donation in bitcoin." – David Mitchell, Cryptocurrency & Digital Fundraising Manager, Edinburgh Dogs and Cats Home

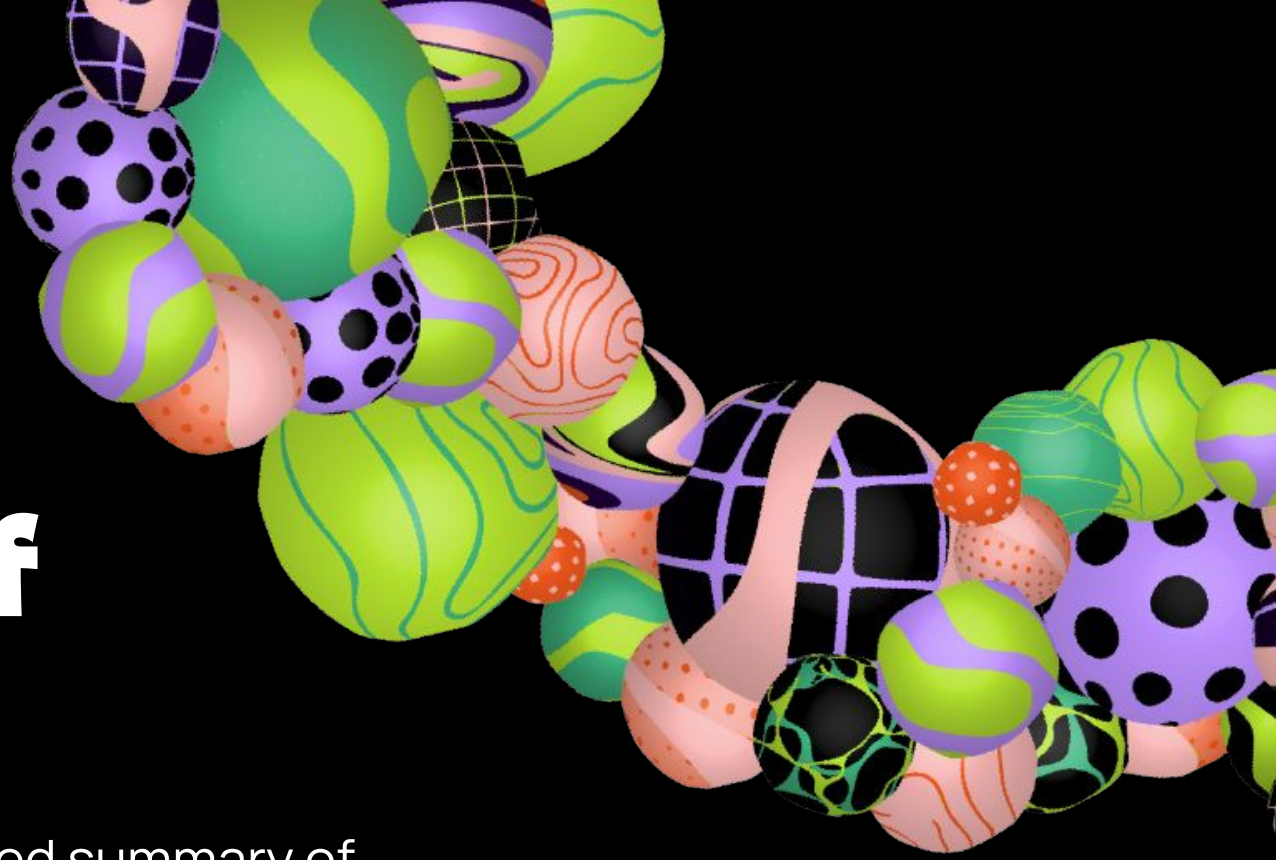
You can read more about how we defined Web3 in the Appendix

Web 3 Core Principles

By Madhuri Rahman

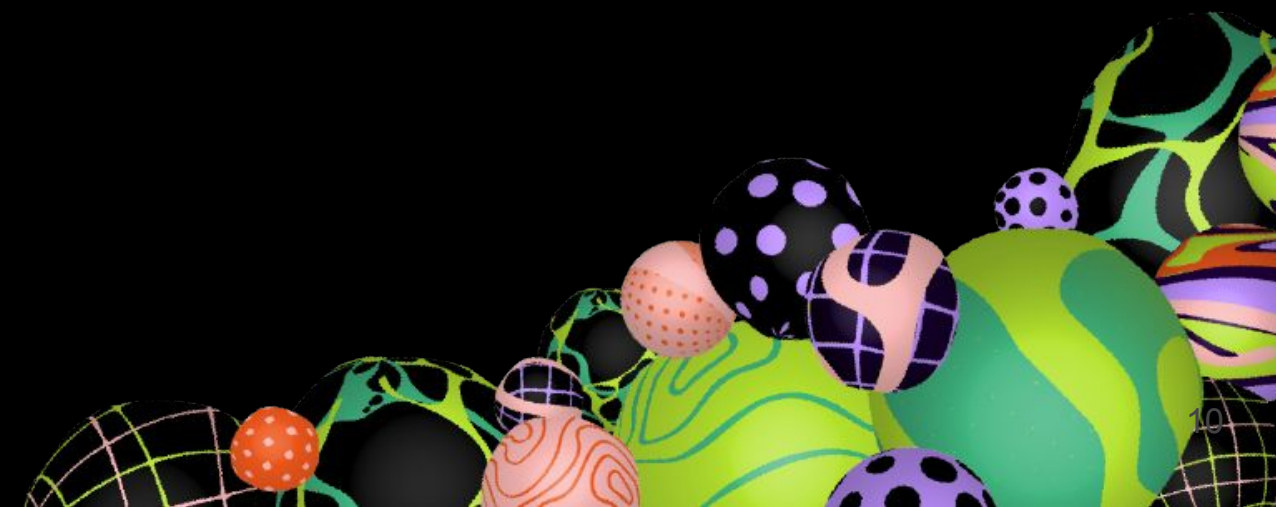


Principle	Key Concepts	Example Case Study
Transparency	• Maintaining an immutable data record • Automating data collection • Having a shared ledger	**Braintrust:** https://www.usebraintrust.com/ Braintrust is a decentralized talent network that connects skilled and vetted workers with the world's most reputable brands. The community that relies on Braintrust to find work are the same people who own and build it, ensuring the network always serves the needs of its users, instead of a centrally-controlled corporation.
Decentralisation	• Cutting Out the Middleman • Community Ownership • No single point of failure	
Co-ordination at scale	• Smart Contracts and the automation of complex human processes • Decentralised governance • Seamless global value transfer	**Choice DAO:** https://www.choicedao.org/ Working to protect and expand abortion access in the US. The DAO is funded by cryptocurrency donations and governed by a community of members who vote on proposals to allocate funds. Formed 26 days after Roe v Wade was overturned.
Incentivising behaviour	• Fungible and non-fungible tokens • Cutting out the central intermediary • Community rewards for 'work'	**Uniswap:** https://uniswap.org/ Uniswap is a decentralized cryptocurrency exchange (DEX) which uses algorithms to determine the price of tokens on the exchange. The exchange's liquidity is provided by users who deposit funds into liquidity pools, rather than by a centralized entity.
Re-thinking value	• Information vs Value • NFTs or Digital Assets • Identity, Data, Impact	**Disco XYZ:** https://www.disco.xyz/ Disco XYZ enable individuals to carry their data in a digital backpack. Instead of having to enter all your data every time you sign up to a new platform, you can use your backpack to verify your credentials.



The story of change

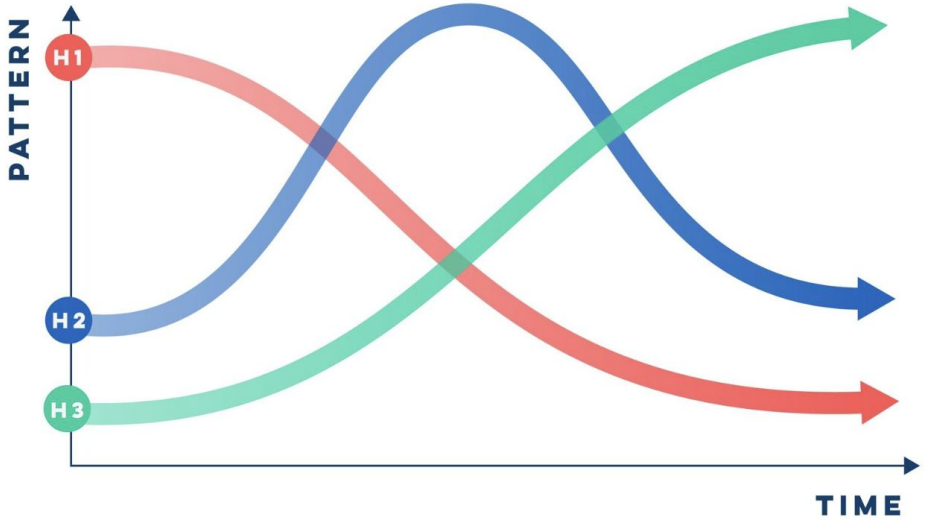
The following slides are a synthesised summary of themes we heard across the 3 Horizons model, exploring how nonprofits can transition from today, to a Web3 future.



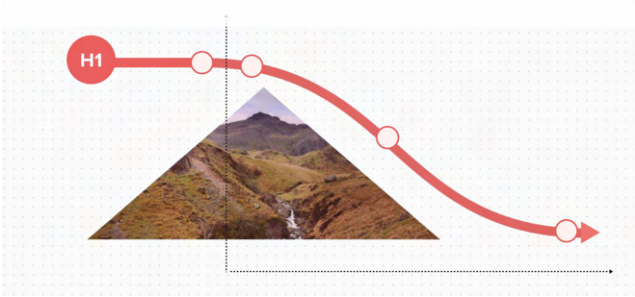
3 Horizons

We designed the three day immersion around Bill Sharpe's Three Horizons model. Roughly spending a day dedicated to each Horizon.

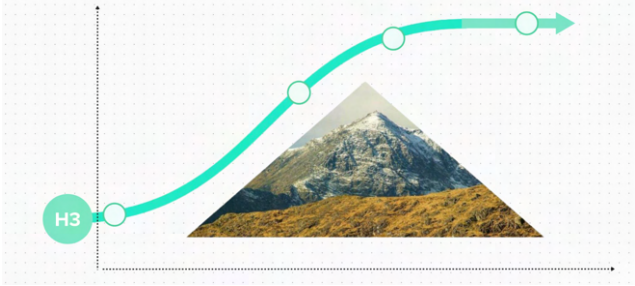
We can see each horizon as a different mountain peak. We are currently at the peak of Horizon 1, we need to traverse the peak of Horizon 2, in order to reach the visionary 3rd Horizon. But we look at the Horizons in a different order, so we can use the current state of affairs in H1 and visions of H3 as context for designing ideas and interventions as part of H2, leading us to the future.



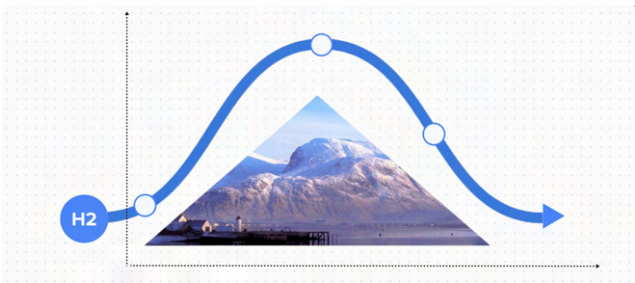
Horizon 1 is the dominant system at present. It represents 'business as usual'.



Horizon 3 emerges as the long term successor to business as usual.



Horizon 2 is a pattern of transition activities and innovations, people trying things out in response to the landscape is changing.

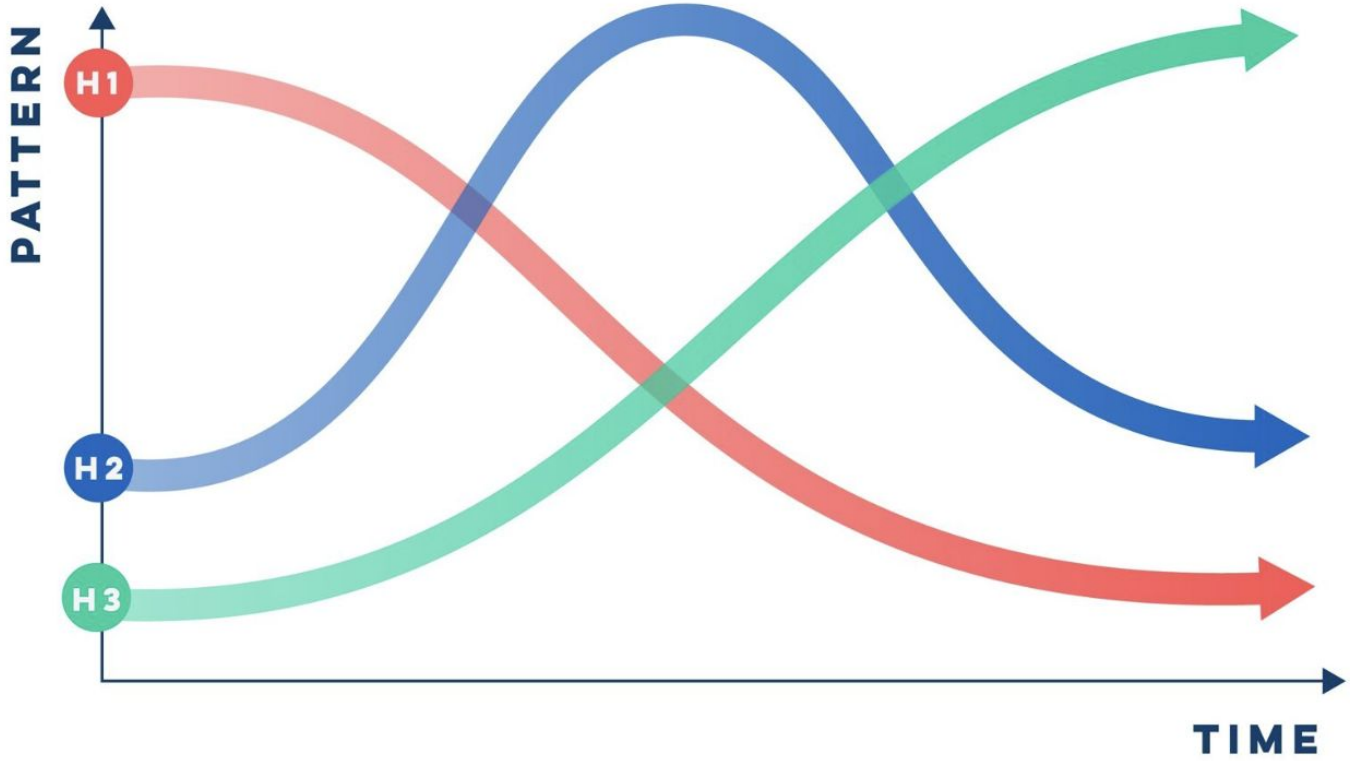


Three Horizons Map: **Collective themes from the nonprofits**

Horizon 1: The case for change	
Governance issues	Declining trust
Funding challenges	Silos & competition
Generation & attitude shifts	Engagement declining
The pace of change	More on page 13

Horizon 2: Creative transitions	
Community engagement	Impact & decision-making
New income streams	Improved governance
Partnerships & collaborations	Security & efficiency
Maintain relevance	More on page 16

Horizon 3: Future visions	
Decentralised	Increased access
Proactive engagement	Open & transparent
Networked collaboration	Fluid exchange of resources & ideas
Direct impact	More on page 14



The case for change: Horizon 1

7 reasons that nonprofits should explore alternative ways of operating. The first horizon is all about the case for change: what signs are there that the current way of doing things is not fit for the future? We explored this, along with some inspiration from Impact DAO Media, and these emerged as common areas:

Declining trust

There is falling trust in charities. A lack of transparency and accountability makes it hard to track where money goes and how it's used; the average nonprofit takes a significant cut of donations to cover costs, and the number of people giving is declining.

Funding challenges

Nonprofits face plenty of funding challenges: from declining income to high fundraising and operating costs, an overreliance on unpredictable funding sources and clunky funding processes.

Generational & attitudinal shifts

Many nonprofits are suffering a decline in relevance, with a disenfranchised next generation moving away from giving for nothing and talent shortages in the sector.

The pace of change

There is a lack of innovation and revolutionary ideas. The pace of change is too slow: with inertia, procrastination and bureaucracy hampering new ideas and it taking too much time to launch anything new beyond emergency response.

Power, governance & structural issues

Nonprofits are riddled with difficult governance structures and power dynamics. From top down, centralised bottlenecks with decision-making, to risk aversion and 'appeasing donor' mindset. This feeds a culture of fear, frustration & low risk

Silos & unhelpful competition

Competing for limited funds creates a culture of competition over collaboration, there are communication and coordination failures, siloed ways of working and transactional relationships.

Engagement declining

Drop offs in engagement are being felt through market shortages, people seem to busy to engage and there are declining visits on sites - less felt sense of community and participation.

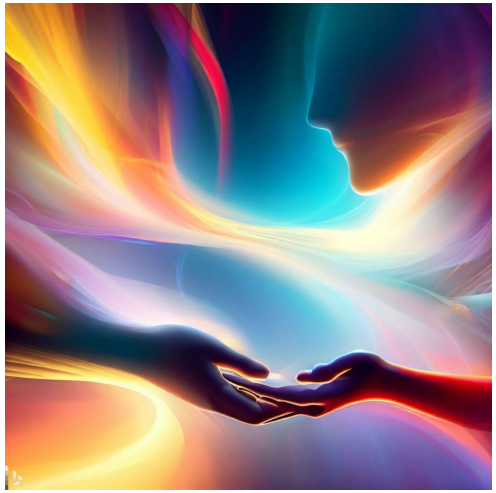
Our vision for the future: Horizon 3

The third horizon is the nonprofit's vision for the future. These are the characteristics of a beautiful and fair Web3 future that the nonprofits imagined:










Our vision for the future: Horizon 3

The third horizon is the nonprofit's vision for the future. These are the characteristics of a beautiful and fair Web3 future the nonprofits imagined:

Open, transparent and member-led

Members have shared ownership over the outcomes and what they are creating together

Decentralised ownership

Decentralisation means that power is shared and people have control over their data & digital identity

Increased access

More people can participate more easily. In ways that are protective and inclusive

Proactive over reactive

Contribution, participation and insight sharing are valued highly and incentivised, creating a proactive culture.

Close to the impact of actions

The chance to contribute meaningfully, and both see and understand the difference you have made.

Networked collaboration

Community is fostered, with a bias towards cooperation, creating a sense of 'we're in this together'

Fluidly exchanging ideas & resources

Community are motivated to share different forms of value more freely, with the means to do so, inspiring ongoing collective innovation.

Equitable and fair

Sharing power is the norm and there's a collective shift toward liberation, meaning that everyone feels valued, understands their own value and has a say.

Opportunity for transition: Horizon 2

Below are 7 opportunity areas for nonprofits exploring the potential of Web3. This set of opportunity areas emerged from the learning immersion, and are drawn from synthesis of the needs and pain points of the non profits in the present, the future envisioned and collectively imagined, as well as the Web3 principles and values that underpin the Horizon 3 vision.

Strengthening engagement with community

Community more engaged through participation, new incentives and ownership.

New income streams

This might come from new currencies, new audiences, closer community, leading to more growth of turnover.

Improved decision-making for impact

Participatory, decentralised decision making by the most appropriate community members means money goes to where it is most needed, maximising impact and rebalancing power.

More relevant partnerships and collaborations

Collaboration is enabled and fostered creating new partnerships, stronger relationships, shared purpose and richer learning.

Improved governance

Shared, decentralised ownership means shared responsibility and new, improved governance models, with more participation, less bottlenecks and more healthy power dynamics.

Improved security and efficiency

More efficiency and effectivity through smart contracts - saves time, energy, money and is more secure.

Staying relevant

By exploring and embarking on this now, and through Experiments and prototypes will ensure organisations stay ahead of the curve and keep up to date.

Opportunity for transition: Horizon 2 Web3 technologies

Through the 3 days of workshops, it became clear that certain Web3 technologies felt more relevant than others for the nonprofits as they embrace Web3.

DAOs

A DAO is an organisational structure. It is about community and organising. The tech used means the community members can be involved in decision making, and incentivised for their involvement and participation.

This is an important shift, relevant to most of the nonprofits in the immersion, as they try to engage new generations and existing community more meaningfully. With trust and engagement declining, a DAO structure provides a new way to strengthen engagement.

Tokens

This was a popular technology with the 5 orgs. Tokens provide a way to incentivise behaviour, engagement and contribution.

They also hold potential for creating micro-economies where different forms of value exchange can become realised, vital for nonprofits as they look for new income streams.

NFTs

Popular with orgs to create income, IP, engagement and incentives .

It is possible to do this in many creative and interesting ways, such as: Badges to reward and incentivise donors and community members, tickets to events, certificates for training and learning, creative IP and artwork to create income stream.

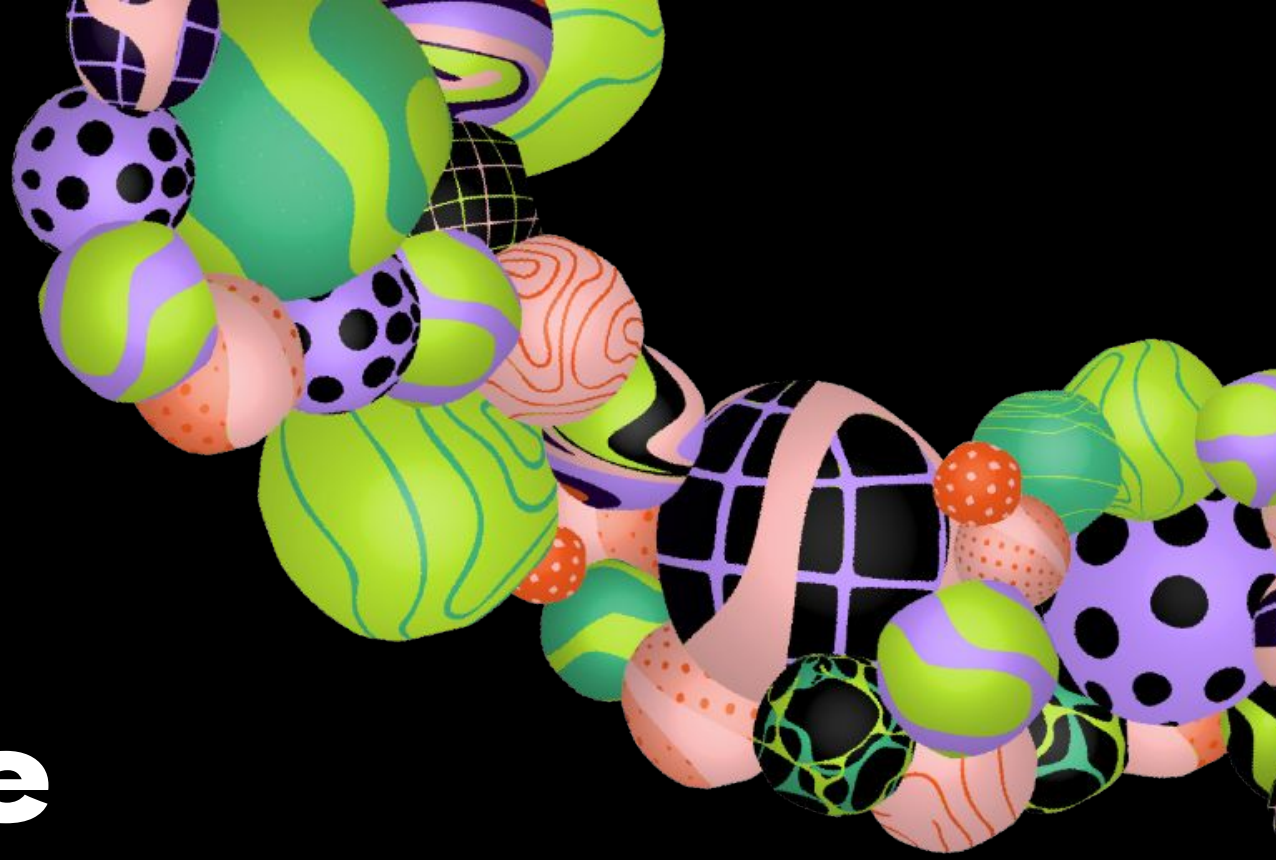
Smart contracts

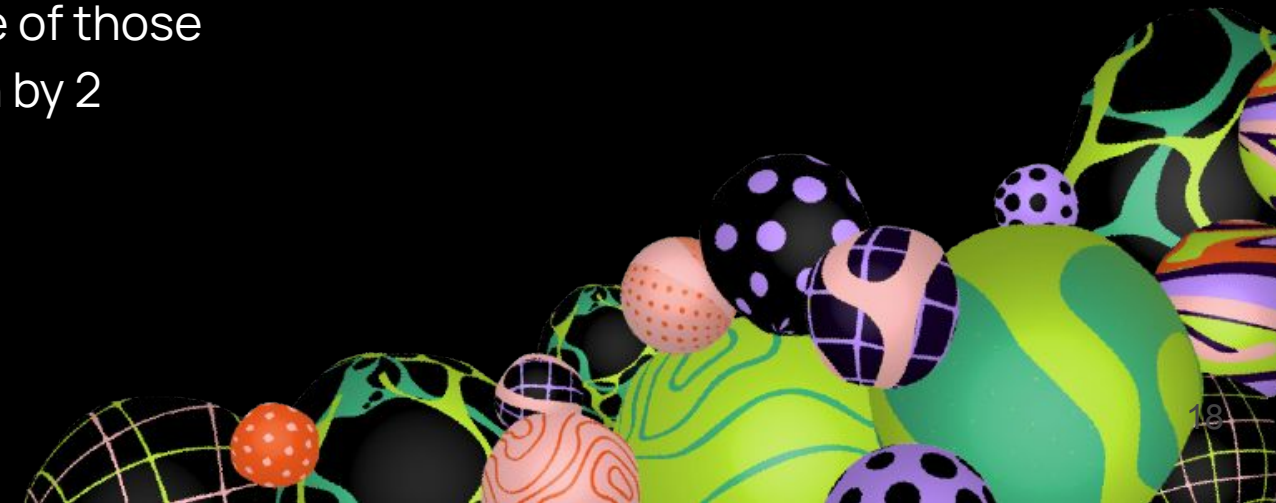
Smart contracts create automated, efficient and secure agreements, with potential to save time and energy for both nonprofits and community members, while building trust.

In current siloed, admin heavy cultures, smart contracts could open up space for innovation and connection.

Nonprofit narratives of the future

We invited each organisation to imagine and quickly co-write a story about what their organisation might look like in that beautiful and fair Web3 future. Here is a taste of some of those stories. Each story has been co-written by 2 people from each nonprofit.





A 2040 Future

Save the Children



Image: climate-resilient varieties are planted for testing at the Bangladesh Institute of Nuclear Agriculture in Mymensingh (Photo: L. Gil/IAEA)

Asha's story

The year is 2040 and i am Asha. I live in Bangladesh and diseases like Dengue and Malaria are more prevalent than they have ever been as climate change wreaks havoc on the natural resources my family and I depend on. Droughts and floods are sadly fairly commonplace events, but a new way of accessing money and support has helped my family and I take ownership of our land, our resources and amplified and strengthened our voice.

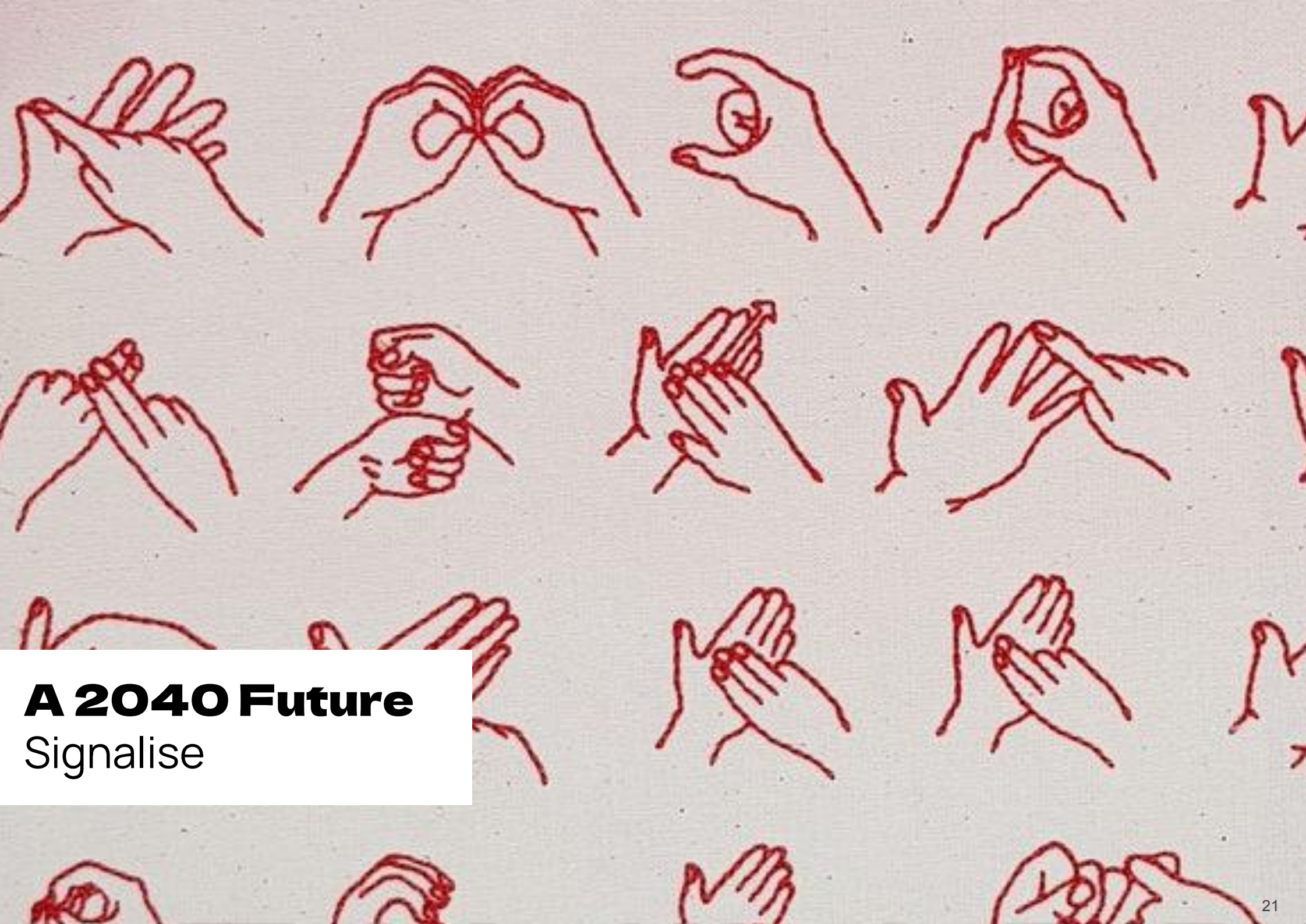
I am thankful to own the land that I live on, and to have the rights to that ownership carved irrevocably into the fabric of the Web. No one can refute my right to live here, as a young woman this gives a great boost of confidence.

I remember the first time I felt part of a global community. Our rights to own our farm had been challenged and we needed more money to hold on to it. My Uncle was in touch with the Save the Children programme lead here and asked what could be done. We were introduced to a small community of people online that wanted to help empower people like us. We knew what we were doing, and what needed to be done, we just needed some investment to keep going.

The thrive collective voted on our situation after we submitted our plans for the future. We were awarded a grant which continues to pay each time we hit certain milestones. Not only this, but we are now also advising others in our area of how to access funds from these online communities wanting to have impact.

Through the online communities we have also been introduced to people we can involve to counter any policies that negatively impact things we may be passionate about.

I see limitless potential for myself and my community thanks to the access Web3 has brought to our lives. We are now looking into how our community can start our own DAO which will mean we can vote collectively to decide where our future investments are spent. I feel part of the change happening. I have a voice in my story, a vibrant community to help me get there.



A 2040 Future
Signalise

Back to the future

The system just isn't working. It needed an earthquake to shake things up and bring in an entirely new way of doing things. Signalise was the tremor that shook the system. It needed to bring together everyone involved: deaf people, communication professionals and the people who use their services.

It started by working cooperatively. Each person involved needed to be empowered; deaf people needed to be empowered to choose the interpreters they wanted; users and customers needed to be able to trust they were getting professionals at a fair price; communication professionals needed to be paid fairly and to continue to hone their skills.

It continued by using Web3 technologies and Signalise saw the future: all three communities could work together to better each other.

Meetings and talking were one way but it just wasn't quick enough. Signalise started a DAO to scale quicker and faster and bring everyone together.

Direct bookings systems had been tried and failed before. It was groundbreaking systemic change that was needed. A way of coming together at scale using the co-operative principles of one member, one vote, giving no users more power than any other but within a structure that was going to get everyone there quicker.

Signalise wanted to go back to the beginning and start a movement that was wider than the one that they had started, the one everyone was enthused about but quickly had become stuck in the system itself. Signalise was playing the same game as everyone else but needed another radical step to truly shake the system up. And then came the DAO. Dah, dah, DAH!

Or should we say Dah, Dah, DAO!



A 2040 Future

The Visionaries

Community Garden

A Visionaries DAO

She was lying down in the grass, her body held by the warm grass. A gentle breeze wafts over her skin. This is her first time joining a Visionaries DAO meet up. She'd heard good things. Well felt, rather than heard. Everyone she had met who'd been to one of these gatherings, or was involved in the Visionaries DAO community, seemed to radiate a warm glow, an optimism you don't often see amongst educators. 'How were they resourcing themselves?' She asked herself.

From this place of deep rest, her attention on the expanding and contracting of her ribcage, she remembered why she got into education in the first place, not a thought she'd given herself time to connect with for a long time. She remembered the stories other educators were sharing at the meet up about why they got into education.

A day later she found herself sitting at home, preparing for the busy week ahead, feeling deeply inspired by her new community of allies and 'learning partners' as they called each other. Wondering how to bring some of the liberating facilitation she experienced at the meet up to her students, she logged into the Visionaries DAO digital community space to look through the incredibly comprehensive databases of resources and activities she could draw from.

Whilst scanning through the digital hub she took her first look at the 'Funding Our Collective Dreams' section - the section of the community hub where educators submitted proposals to fund innovative projects in education and learning.

Inspired by seeing such a rich diversity of projects she decided to reach out to her new network to see if any others might also be facing a similar challenge to her and want to collaborate on a proposal…

…specifically to experiment with how to weave community gardens with school grounds more effectively.

Her project was successfully crowdfunded.

Project complete she was buzzing, amazed at what was possible. She got a message from one of the DAO stewards inviting her to submit a write up of the project for the DAO Nature Connection in Education report, that they collectively write and publish every quarter..

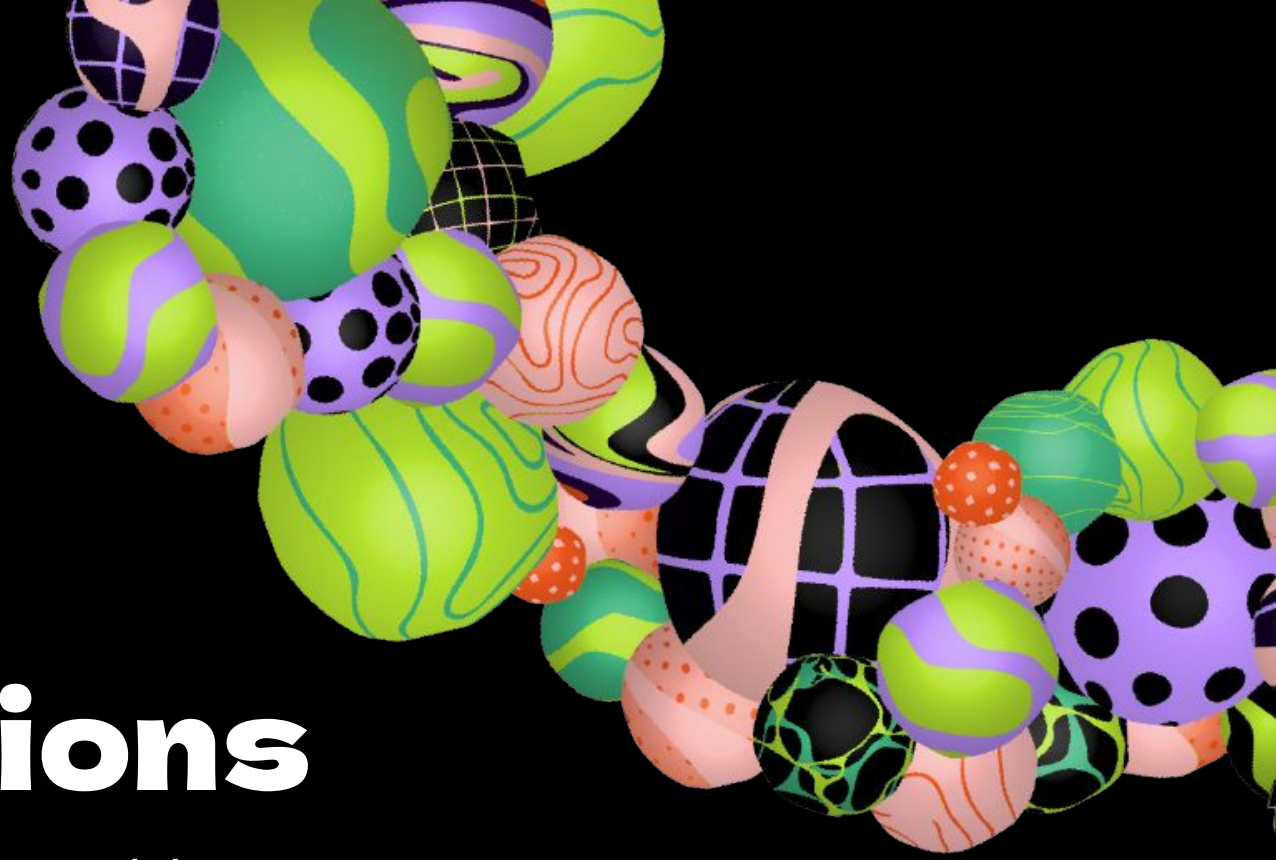
She contributed her research, shared their learnings, and that gave way to a whole host of orgs getting in touch with her to collaborate and bring the learning into their setting.

And what a response she received! The endless comments and messages surprised her and built her confidence in a way she hadn't experienced for so long. Hearing people celebrate her work and share her dream was extremely exciting - 'what else could be achieved?' she thought.

She got invited to a really exciting community garden project in a school up north, whose leader she had been following online for a long time. This felt big!

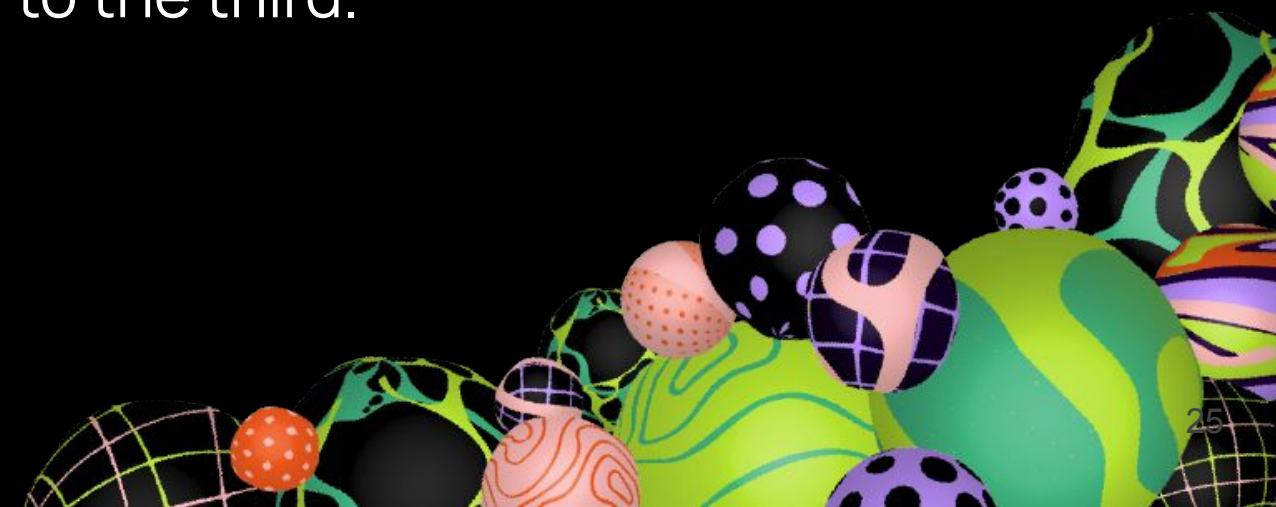
Once she arrived, she immediately connected with the team and it felt great to see the people she had met online, all there together working the land. They spent the week working together and collaborating, making plans for the future and learning from each other.

'We should scale this up' she said. 'Lets apply for some funding...'



Design Fictions

These ideas are the creative transitions, responding to the visions of a Web3 future, bridging from the first horizon to the third.



Roald Dahl's Marvellous Children's Charity: **Opportunity areas**

Our Mission:

Provide specialist nurses and support for seriously ill children in the UK

Our pain points:

To scale and communicate activity to be(come) truly sustainable, independent and relevant to the 21st Century Britain

Our Web3 objectives and intentions

- To create more meaningful engagement with all our stakeholders; donors and community, trustees
- To increase income streams and revenue
- To embrace experimentation with the aim of a slow transition into the space, rather than being left behind and

Web3 opportunity areas

1. If we take the opportunity of integrating the web 3 principles/technologies of a DAO to establish a discreet prototype for fundraising, and interacting with our donors who donate in Digital Asset for unrestricted donations ... then we will be able to: reward digital asset donors, invite them to join the DAO and vote on how the unrestricted funds are used to stimulate incubator projects to support the charity ambitions

2. If we take the opportunity of integrating the web 3 principles/technologies of NFT for (reward!)... Then we will be able to maximise the accessible IP potential of Roald Dahl in collaboration with artists.

Roald Dao Marvellous community

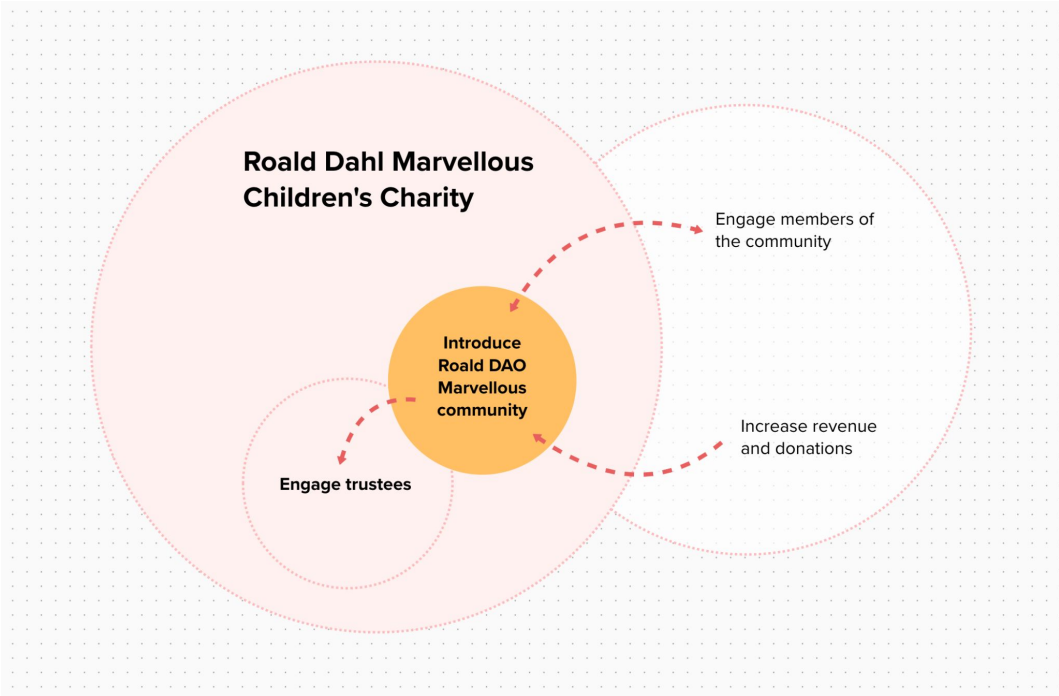
Taking our first steps with DAO principles and the Web3 economy

We will begin by introducing the terminology and practical features of a DAO within a very discreet agreed part of the charity "Unrestricted Crypto and NFT donations"

We will introduce ourselves and our community to Web3 exploration with the intention to foster acceptance and ideas which will lead us a little further into the Web 3 economy.

How it will work:
We will do this by creating artifacts, and leveraging existing smart contracts to establish a simple DAO which includes but is not limited to:
Donors, Charity team members, influencers, artists, collaborators, targeted institutions and companies, nurses, children, parents and families.

This DAO community will be able to vote, discuss, contribute, adapt, decide, participate, observe, on ideas that the charity is comfortable exploring and expanding through DAO governance.



Roald Dahl's Marvellous Children's Charity: **Design fiction outcomes**

Engagement and trust growing in several different stakeholder relationships:

- Engaged members of the community that may prefer to engage in different ways than traditional charity actors.
- Rewarding people in a non monetary way for their contributions.
- Engage nurses, parents and children in ways that may be more meaningful, and appropriate to every day life through a community.
- Engage the trustees gently without disruption of core principles.

Ultimately leading to:

- Working towards increasing revenue for the charity by better engaging donor community.

Resilience and being prepared for the future with:

- Foundational exposure to Web3 principles and components
- Testing and experimenting with DAO principles and features.
- Generate greater exposure for the charity within the digital economy.
- A slow transition into Web3 rather than pushing us off a cliff.

Save the Children UK: **Opportunity areas**

Our Mission:

In the UK and around the world, we make sure children keep safe, healthy and learning.

Our pain points:

- Coordination between silos
- Risk appetite varies
- Time & space limited;
- A desire for our grantee partners to become collaborators, but how to get there faster.

Our Web3 objectives and intentions:

- To understand where investment or early adoption of web 3 principles and aligned technologies helps serve org Mission and Purpose
- To address power imbalances
- To share responsibility of decisions and actions are taken by the most appropriate people and organisations in order to maximise impact and sustainable solutions for children.

Web3 opportunity areas:

1. If we take the opportunity of integrating the web 3 principle of decentralisation, we will be able to ensure that decisions and actions are taken by the most appropriate players who can maximise impact and sustainable solutions for children, and actively rebalance power.

2. If we take the opportunity of integrating the web 3 principle of co-ordination at scale, we will be able to improve our ecosystem thinking and identify our "proportional" role and collaborators

3. If we take the opportunity of integrating the web 3 principle of incentivising behaviour within programmes market linkeage, sustainability. Market connected to community (e.g carbon credit)
   We will be able to: unlock new audiences new income streams and a new generation of givers, reversing the mass decline in fundraising, as well as be more flexible with funding, longer term while keeping consistent impact

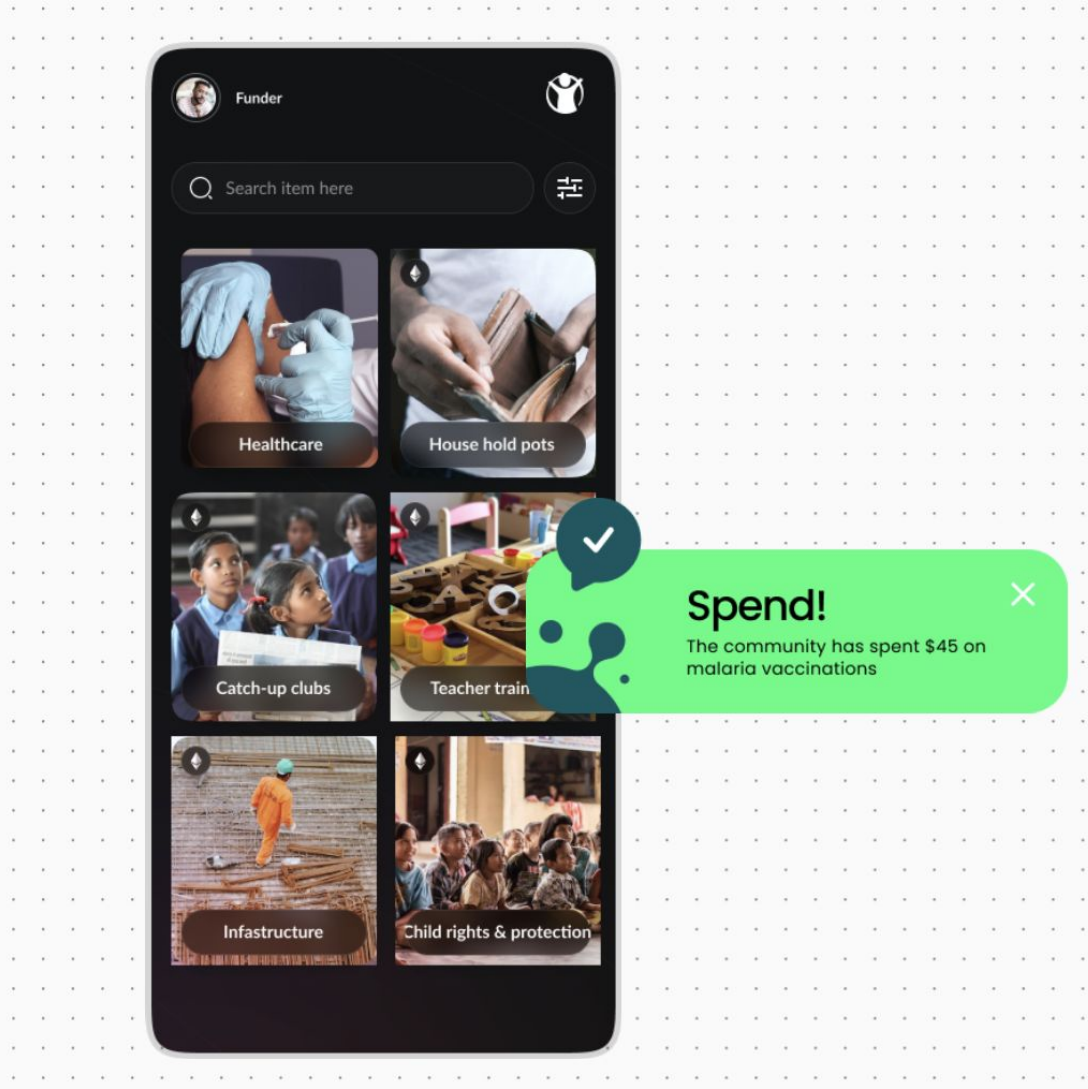
Glocal Futures

Glocal Futures is a decentralised community with local partners, and Save The Children as the facilitator.

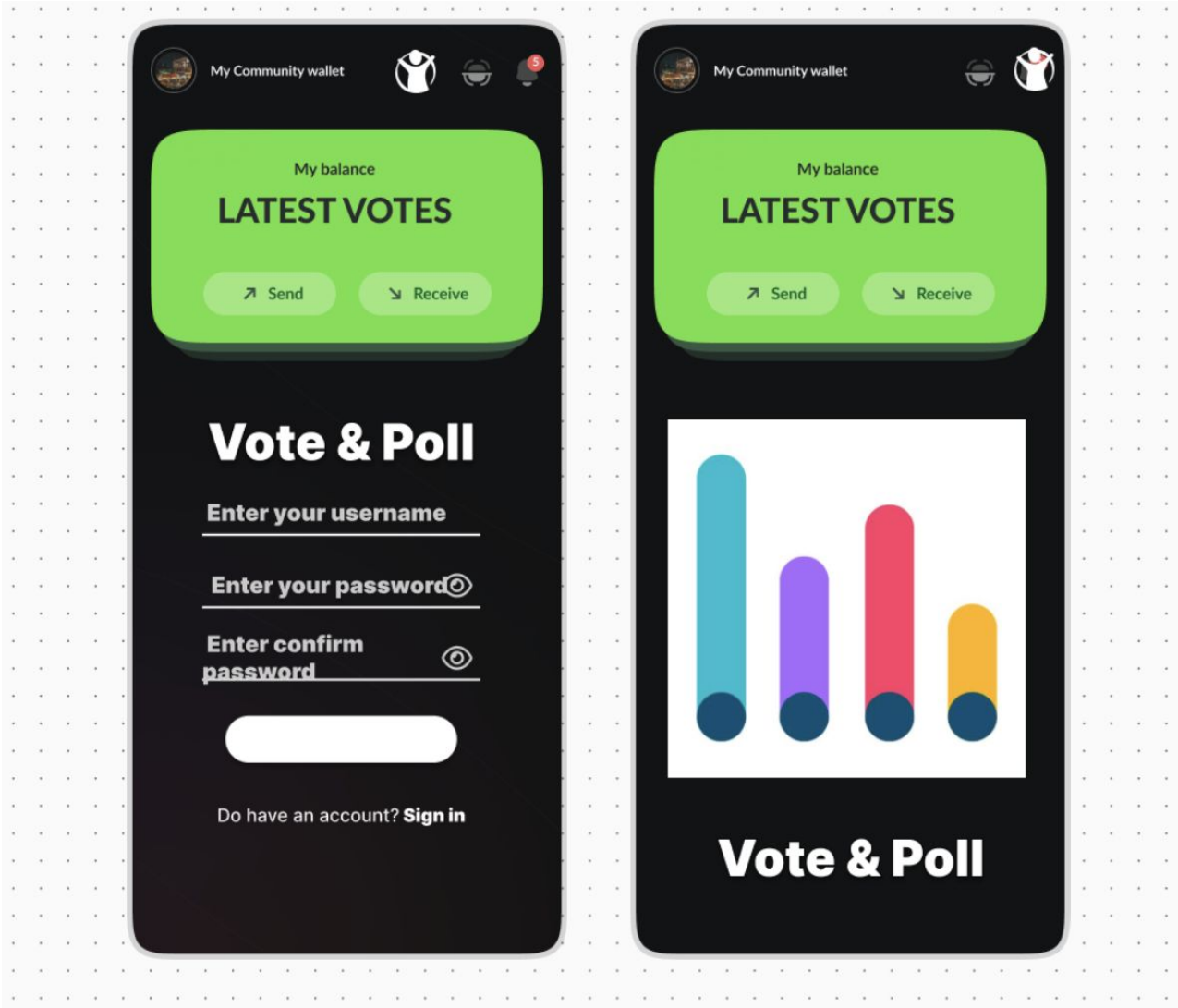
Communities will be selected for funding by Save the Children based on the greatest need.

Funded by donors, people can choose the community or theme they are most interested in supporting.

The community will be given access to a shared wallet and the ability to allocate cash support to the most vulnerable communities. The community can create a list of community assets/services for financial support, and then vote on how to prioritise community spending. People are alerted when money is spent and what on, and people can see and track progress against certain targets.



Save the Children UK: **Design fiction idea**



Save the Children UK: **outcomes and next steps**

Outcomes

Improving our ecosystem thinking - thinking big and identifying our role and collaborators

Actively rebalancing power

Ensuring that decisions and actions are taken by the most appropriate players who can maximise impact and sustainable solutions for children.

Next steps

- Internal mapping of where Web3 is taking place (global application exists across federation of many innovations within Web3 e.g crypto, NFT)
- Explore what tech/concept exists, in order to work out how to plug into this. E.g. Join Gitcoin Discord to understand Gitcoin grant funding.
- Test DAO approach.
  E.g. Pilot full flow with small group.
  E.g. Research and test wallets.
- Find and connect with communities/donors giving in this way.
- Understand tech available in any given community selected as all differ dependent on location - BUT it shouldn't be those with tech enablers or means to access wallet that solely benefit.
- Explore the appetite for restricted funding - and how we can make this work for unrestricted too.

Signalise: **Opportunity areas**

Our Mission:

To have a cooperatively owned business of Deaf users and interpreters delivering services in a way that is owned and controlled by them for the benefit of all users

Our pain points:

- Sociocracy not always used
- Platform concentrates on service delivery and bookings, not on governance
- Users are not engaged
- Scaling would be difficult and time consuming - therefore we need to decentralise
- Governance feels neglected as capacity is low

Our Web3 objectives and intentions

- Growth of business, another income stream
- Decentralisation to improve autonomy and governance
- Impact - Deaf people will have access to the skilled interpreters they need

Web3 opportunity areas

1. If we take the opportunity of integrating the web 3 principles/technologies of **decentralisation**, then we will be able to have **direct bookings, smart contracts, empowering interpreters to find direct work, empowering users to book direct, reduce our VAT bill.**

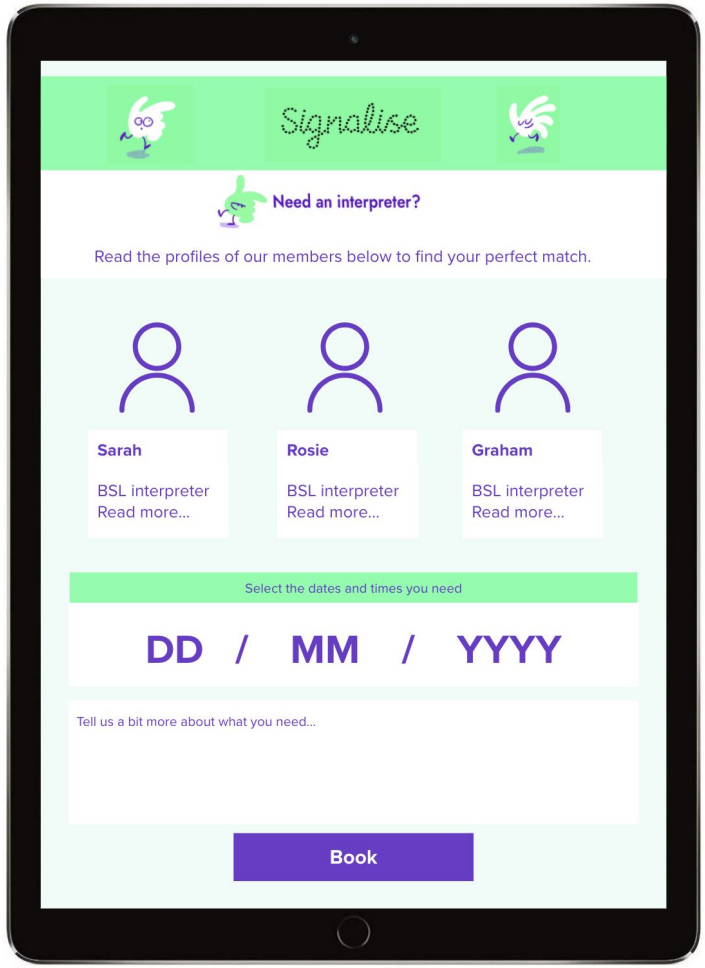
2. If we take the opportunity of integrating the web 3 principles/technologies of **decentralisation, co-ordination at scale, incentivising behaviour, transparency, and openness,** then we will be able to have a **thriving community committed to the co-op, incentivised, steady growth, enable a democratically controlled co-op,** led more by members.

Bookings Direct Service

A platform that will sell decentralised autonomous services of interpreters to deaf people needing interpreters.
It will incentivise working for the Signalise co-operative with rewards.
Customers and Community professionals will have choice about several things: who is a community professional, community professionals accepting work, and the choice of working with each other.

How it will work:
1) Worker members will be vetted on the platform after receiving NFT of credentials
2) Customers post jobs
3) The platform matches the community professional with someone who needs one
4) The Platform takes a fee

Why people will use it:
Customers: will use a booking system that gives them easy access to direct interpreters
Workers: will have access to direct bookings
Users: it will be easier to book, cheaper and direct (no / little VAT)



DAO governance structure

Encouraging participation in the co-op and community through rewards and voting

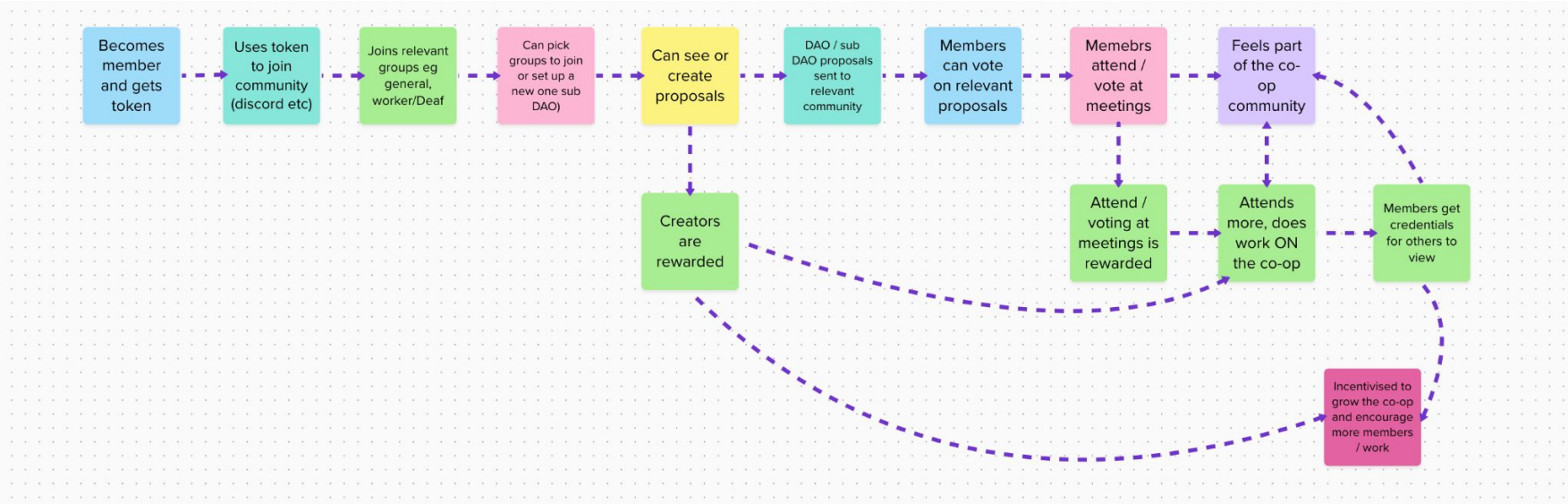
How it will work:

1) Members get a token that gives them access to the DAO when they join
2) The structure allows members to communicate with each other, create proposals, generate ideas
3) Other members can vote on those proposals
4) Members can set up sub DAO
5) facilitates growth

Why people will use it:

This model will give members better experience of being involved, creating a better future, having a direct say

User journey:



Signalise: **Design fiction outcomes**

Outcomes

- **Improved engagement:** Closer community, more engaged with the co-op, through the member-led decision making
- **Improved governance:** New model will foster collaboration
- **Decentralising the work.** Responsibility will be shared among members creating autonomy of workers and customers
- **Meeting needs:** Deaf people have access to skilled interpreters that are needed
- **Growth of business** from new income streams

Next steps

- Research, collaboration with similar innovators. Leading to a board proposal, obtaining funding, and setting up the DAO for governance and members engagement
- After governance DAO, pilot a few bookings with trusted customers
- Ask any existing platform customers to trial DAO system

Transition Network: **Opportunity areas**

Our Mission:

To support the Transition movement, amplify stories of community-led change, and nurture collaborations across difference to challenge us all to reimagine and rebuild our world.

Our pain points:

- We are trying to Build a DAO based upon Sociocracy 3.0 for Transition Network
- Decentralised governance takes time

Our Web3 objectives and intentions

- To use incentivisation of behaviours to encourage and foster collaboration
- To find the best way to explore creating a Transition Network DAO

Web3 opportunity areas

1. We at Transition Network can envision a future for our organisation, integrating the web 3 principles of decentralisation & co-ordination at scale. We will be able to collaborate across our partners in the collaborative tech alliance, and organise more efficiently (on a decentralised network)

2. We at Transition Network can envision a future for our organisation, integrating the web 3 principles of incentivising behviours. In order to encourage regional groups to publish up to date information and collaborate, while enabling us to maintain a more complete and up to date record of our international group network.

Transition Network DAO

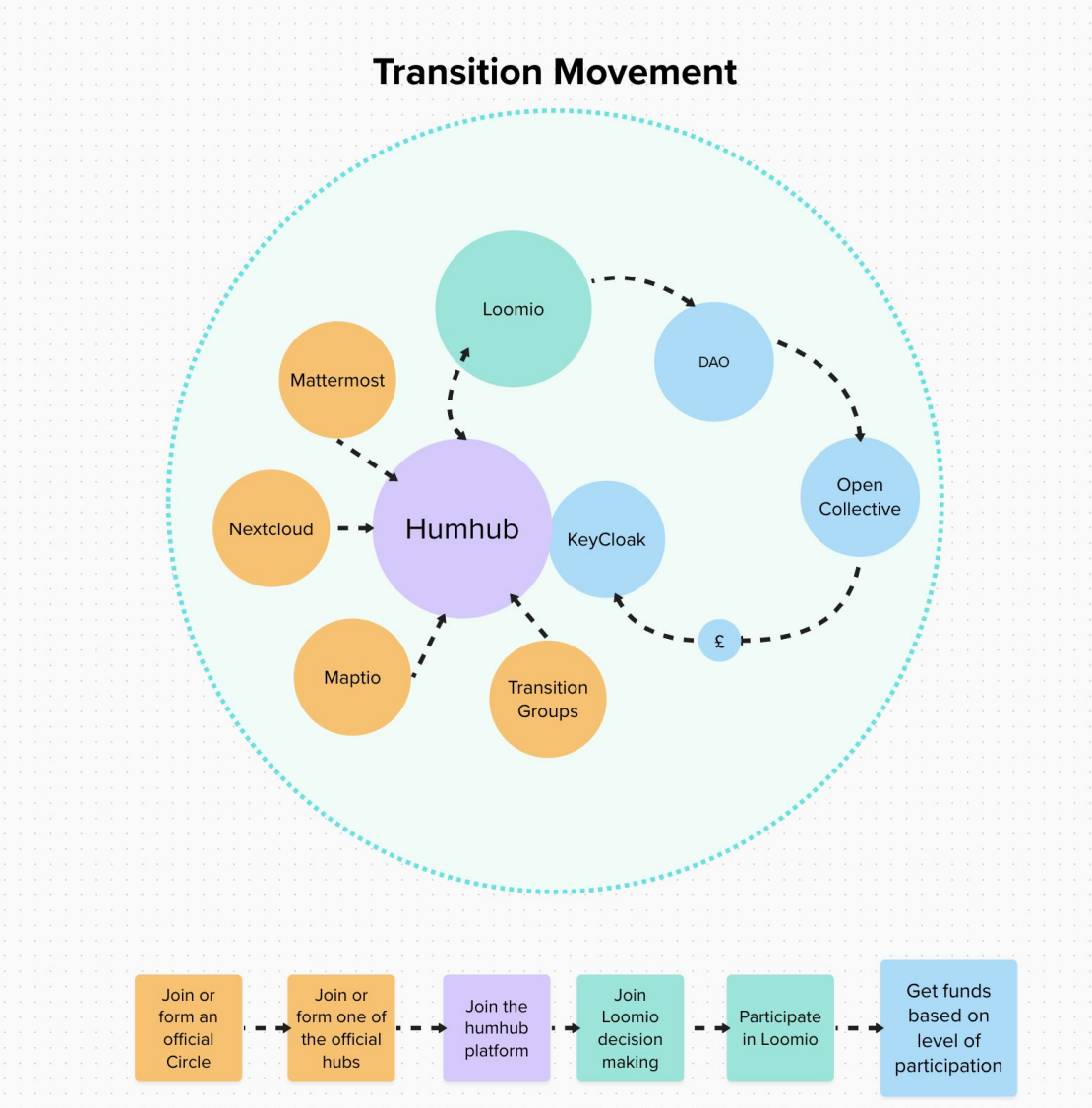
A consent-based DAO that uses Loomio for decision-making can be a powerful tool for the transition movement. Loomio is a consensus-based decision-making tool that enables decentralized groups to make decisions collaboratively and transparently. How this would work :

- **Decentralized Governance:** The DAO would be governed by a decentralized group of individuals who share a common goal of transitioning towards a more sustainable and equitable society. The members of the DAO would use Loomio to make decisions based on the principle of consent, which means that all members of the group need to agree to a proposal before it can be adopted.
- **Proposals:** Members would propose actions or initiatives that they believe will contribute to the transition movement. These proposals would be submitted on Loomio, andwould be discussed and debated by members.
- **Discussion and Feedback**: Members would use Loomio to discuss the proposal, provide feedback, and suggest amendments. The goal of the discussion phase is to achieve a consensus around the proposal and address any concerns or objections that may arise.
- **Consensus Building:** Once the proposal has been discussed and amended, the members would use Loomio to indicate their level of support. The goal is to achieve a consensus where all members of the group agree to the proposal. If there are any objections or concerns, they would be and resolved before the proposal is adopted.
- **Implementation:** Once a proposal has been adopted, the members would work together to implement it. This could involve coordinating resources, funding, and expertise to bring the proposal to fruition.

By using a consent-based DAO based on decisions taken in Loomio, the transition movement can leverage the power of decentralized decision-making to drive change towards a more sustainable and equitable society. By ensuring that all members of the group have a say in the decision-making process, the DAO can help build consensus and promote collaboration, while also promoting transparency and accountability.

Transition Network: **Design fiction outcomes**

User journey map



Outcomes

- **Decentralized decision-making**
  By decentralizing decision-making, the DAO can promote greater transparency, accountability, and participation, helping to build a more inclusive and democratic movement.
- **Empowered community**
  There will be a sense of community ownership and engagement, allowing members to propose and fund ideas that align with the values and goals of the movement, and support sustainable initiatives.
- **Funding relevant projects and initiatives**
  Funding will become available for sustainable initiatives, through better engagement with the right partners and stakeholders

The Visionaries: **Opportunity areas**

Our Mission:

To act as a decentralised network of visionary educators, who are using nature connection and regenerative education to build a healthier society.

Our pain points:

- Don't have an effective community digital platform
- Tech skills in our team are limited
- Time and resource - we're stretched too thin!
- Website is crap
- Transactional engagement with beneficiaries
- Follow up from IRL events difficult
- Wasting time on fundraising applications
- Tracking of our finances is a challenge, as we don't have this expertise or much time
- Financial management could be better
- We could be financially transparent
- We have to take income from incongruent sources

Our Web3 objectives and intentions

- Strengthen relationships and deepen engagement with community and beneficiaries
- Co-create events with and for a community of education practitioners working with nature connection
- Find new streams of funding and income

Web3 opportunity areas

1. If we take the opportunity of integrating the web 3 principles/technologies of incentivising behaviours, we will grow network membership and deepen community engagement

2. If we take the opportunity of integrating the web 3 principles of decentralised governance, shared ownership/power in decision making we will be able to co-create events with our community, sharing responsibility as well as learning with others.

RegeneratED

A retreat for educators.

People can buy a NFT for the retreat, giving them different levels of access to decision making, planning etc: donor NFT, individual, organisation (NFT prices vary, so someone could pay less but be required to earn more tokens in return for the NFT)

People can co-create a collaborative event, where people can help in the design and output, eg- give talks, workshops, catering etc.

3 main features:

1. Limited NFT's (different price tiers and kinds e.g. 'founder')
2. Exchangeable tokens earned through participation
3. Ensure regenerative event (inc. e.g. carbon neutral)

This is for people that:

- believe in regenerative education
- want to have a say in the community/movememt
- want to learn about putting on events
- want to donate money to a good cause

Outcomes

- Shared ownership
- Community building and engagement
- Prototyping a DAO approach
- Building relationships with funders







The Visionaries: **Design fiction idea**

Tokens

Tokens given in exchange for donations, organisation, support, and contributions to RegeneratED retreat. The number of tokens given will depend on the contribution made.

Tokens will be exchanged for NFTs, which will allow different levels of access to decision making and activities at the retreat.



Donor tokens

Tokens given in exchange for donations to RegeneratED



Organiser tokens

Tokens given in exchange for support in organising, planning RegeneratED



Volunteer tokens

Tokens given in exchange for running workshops, activities, catering at RegeneratED on the day



Regenerator Seed NFT

50 donor tokens
20 organiser tokens
20 volunteer tokens

This NFT grants you full entry to the event



Regenerator Bud NFT

75 donor tokens
30 organiser tokens
40 volunteer tokens

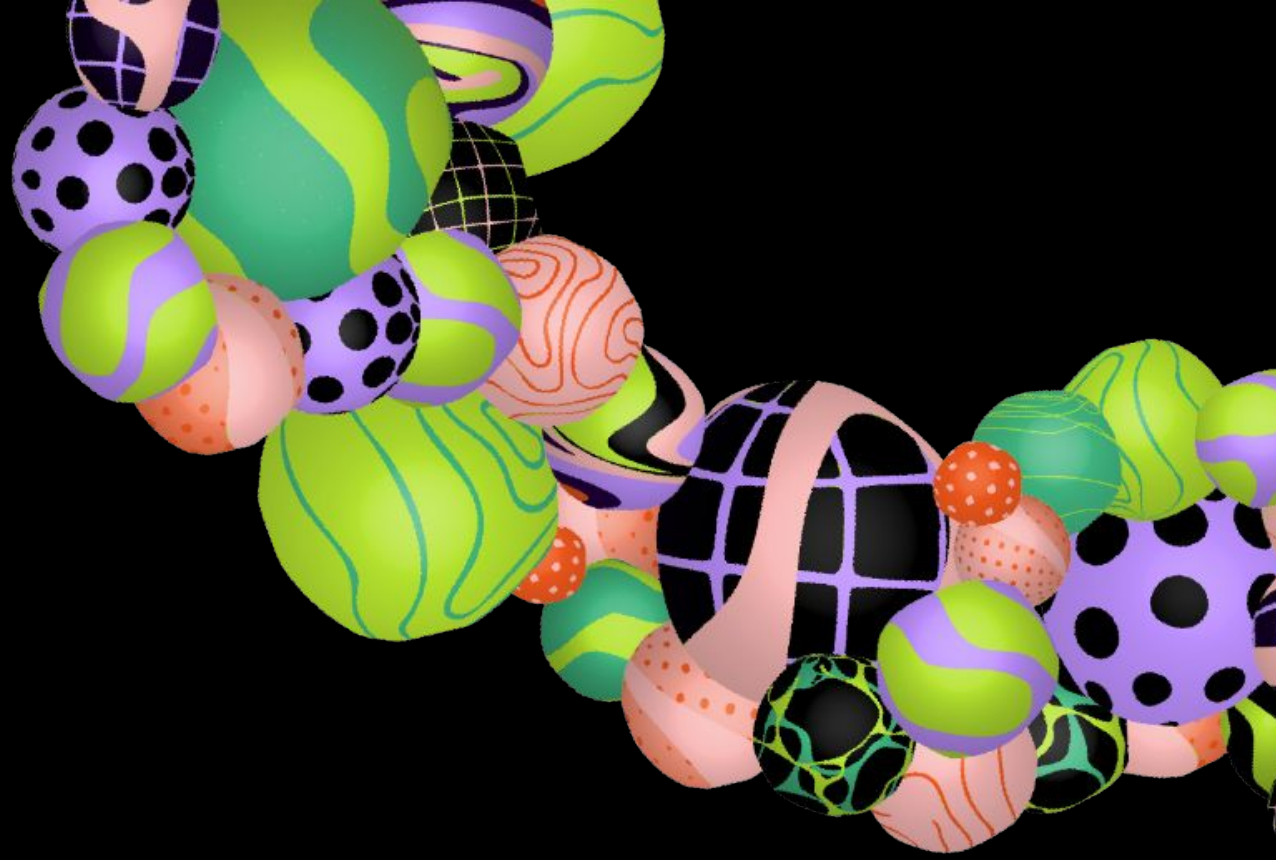
This NFT grants you full entry to the event and the opportunity to vote to make key decisions about the event



Regenerator Bloom NFT

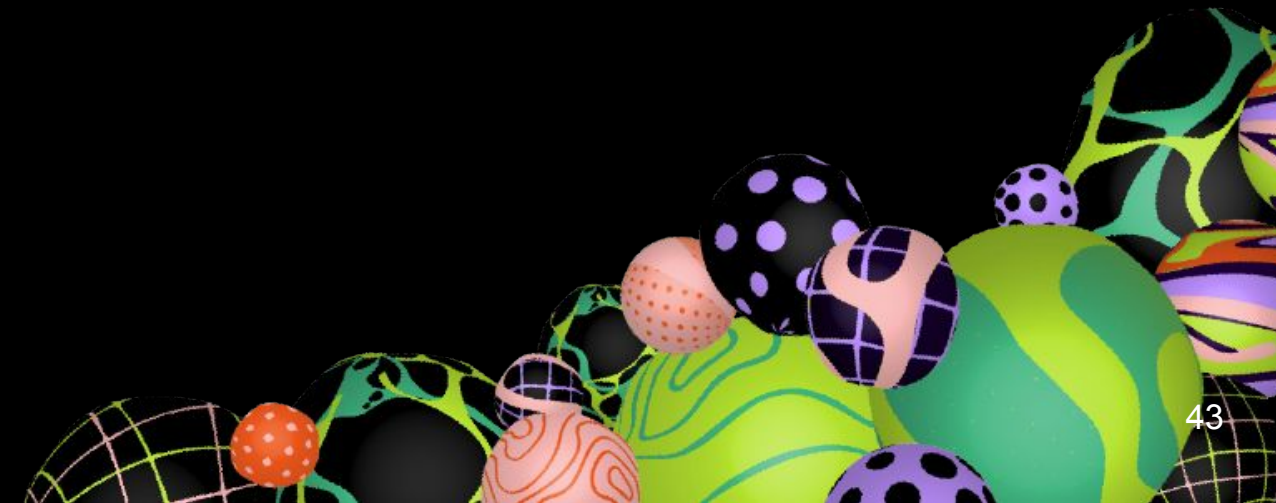
100 donor tokens
50 organiser tokens
60 volunteer tokens

This NFT grants you full entry to the event, the opportunity to vote to make key decisions and planning of the event, and covers the cost of food there too



Impact

What have we learnt?

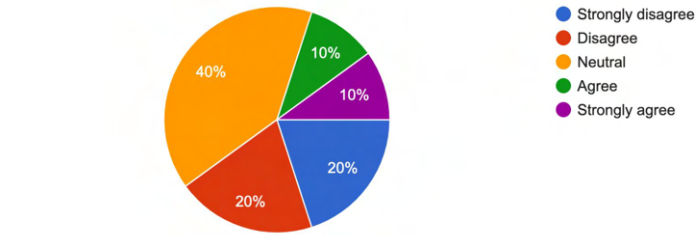


What **changed?**

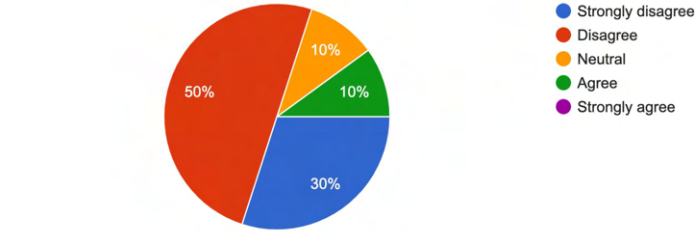
Pre-survey: 10 responses
Post-survey: 8 responses

Before

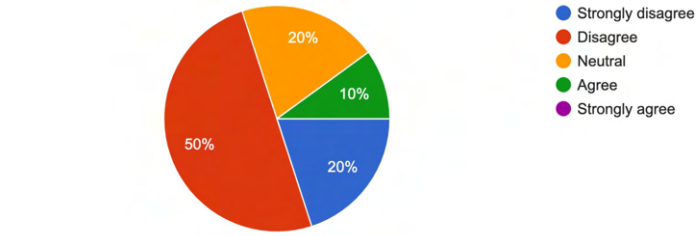
"I feel well informed about web3 and the potential it holds for my organisation"
10 responses



"I feel clear about how to apply Web3 to my context"
10 responses

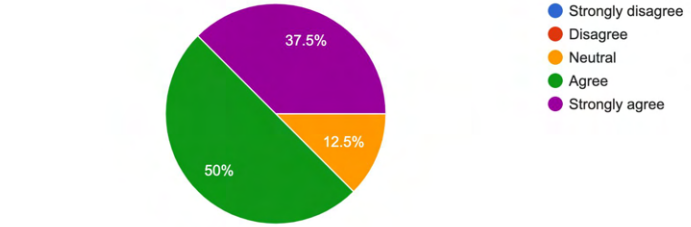


"I feel connected to and supported by others exploring Web3 and its potential"
10 responses

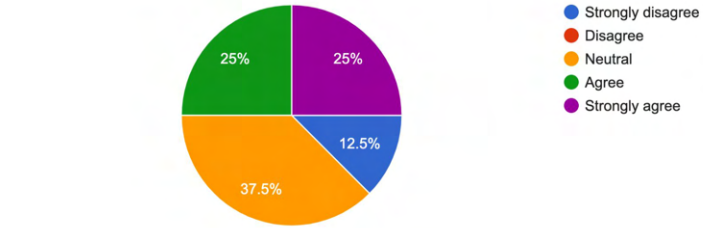


After

"I feel well informed about web3 and the potential it holds for my organisation"
8 responses



"I feel clear about how to apply Web3 to my context"
8 responses



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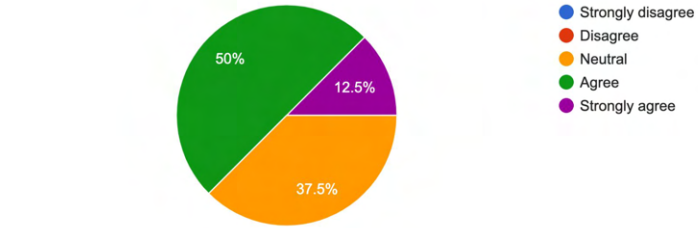


What **value** was received?

Participants expressed that they gained a lot of value from the programme, which provided a solid introduction to a complex subject, offered concrete ideas for application, created time and space for reflection, and inspired them to continue learning.

Increased knowledge & understanding

There was a significant shift in participants feeling well informed about Web3 and its potential for their organisations

> “Lots of value gained! A brilliant intro to a huge subject”

Improved confidence

Participants' confidence in speaking about Web3 with others also increased after the immersion.

> “I learnt so much and feel inspired to continue learning”

Enhanced clarity and application

Participants gained a clearer sense of how to apply Web3 to their contexts, although there is still room for improvement.

> “It was really helpful to feel ahead of the curve on this. To have a clearer sense of how Web3 can be applied in our work and some really concrete ideas to put into action”

Increased connection & support

Participants felt more connected to and supported by others exploring Web3 and its potential after the program.

> “Always great to connect and learn with others in the sector”

What are we learning about the **learning model?**

*The learning model, including learning alongside other nonprofits, was perceived as useful and successful. Participants rated the **usefulness of learning with others as 8/10** and the **success of the learning model in assessing emerging technology for the nonprofit sector as 8.5/10**.*

- The process is useful for learning about and assessing the potential of Web3 for specific nonprofit organisations - especially in moving their understanding further and **getting them to a place where they are ready to act on Web3 when the time is right**, even if immediate action would not be appropriate.
- The learning model is useful for **cross-context comparison and peer inspiration**
- Combining this with **mentor support** was really helpful in building understanding and making the learnings useful and applicable.
- **Three Horizons as a framework worked well but there is space for improvement**: feedback on finding it too progressive, confusing at times and having an issue with "flailing around a bit in the H2"

What would we change?

- **More curated content modules** - over a longer period of time. More of a 'What? So what? Now what?' structure
- More **nitty gritty stories of change** from within the nonprofit sector, and **less structured dream space**
- Explore more **ways to start small & experiment**
- **More 1-2-1 mentor support** time and less structured space to connect (with potential for face-to-face time).
- **Continued implementation support** & coaching would be helpful
- More of a **focus on wider sector impact at points through the immersion**: how could this be made useful for others?

A good **value exchange**

Catalyst and Huddlecraft offered an honorarium of £1000 per nonprofit organisation to join the Web3 Nonprofit Futures learning immersion.

What did an honorarium enable?

- For 3 nonprofits it was pivotal in their decision and capacity to join,
- For 2 nonprofits it enabled more senior staff members to join the immersion
- For the participants to show up and participate, concentrate for 3 full days, without feeling too distracted by other work and projects

This experiment landed on a 'good' reciprocal exchange of value. It was a sweet spot where the nonprofits and their participating staff members felt invested in, and therefore able to invest their time into the immersion.

As a nonprofit, **what can you do?**

If you are a nonprofit reading this, you might be thinking: 'What can I do?'. We have three suggestions as a starting point:

1. **Diagnose** the need and opportunity for your own organisation using some of the simple exercises we used.
2. **Gain inspiration** from the content we've curated and the design fictions of the nonprofits who came on the journey with us.
3. **Get in touch** if you want to explore any of this further.

Diagnosis

Read through the insights across the Three Horizons map, and the Web3 principles by Madhuri, and ask yourself:

- What are the pain points for your organisation? And the signs something need to change?
- What opportunities are you seeing related to the Web3 principles for your organisation and its mission?
- What in the visions feel exciting and possible for your org?

Inspiration

Read through the Design Fictions and the case studies in the Appendix. Identify:

- What feels exciting / inspiring?
- What could offer value to your organisation?
- What's the first step you could take towards exploring the potential of this in practical terms?

Connection

We want to create more connections around this, so get in touch if you:

- Are interested in the potential Web3 has for your org and don't know how to explore it
- Want to connect to others exploring the same questions and need peer support
- Want recommendations about how to move forward practically
- Are interested in the learning model more broadly

Showcase **reflections**

The learning immersion ended in a showcase; a chance for the nonprofits to share learnings from the experience, and for mentors and Huddlecraft to share more about what we learnt from the process and peer-learning model. Below are some themes, questions, learnings and reflections that people from this wider network that gathered at the showcase were interested in:

Inclusivity and access

A large topic of conversation was focused on how Web3 can allow for those who are less able to access hardware and knowledge (and confidence) to engage in it. Understanding needs of the most vulnerable and marginalised is key to being able to respond and creating Web3 ideas, solutions, systems and services that are inclusive and accessible. Involving these groups and people in research and design processes to bring them along the development path

NFTs and smart contracts

Audience members were interested in the idea of smart contracts and NFTs. It was appealing as an interesting bridge from Web2 to Web3.

Practical prototyping

The Web3 nonprofit futures learning immersion was designed for nonprofits to immerse themselves in Web3, its principles, its potential and to come with ideas to respond to this emerging future. What next?! There is a need for space to practically start to build and prototype. Food for thought: whether more space for practical prototyping would be useful as part of this process

Environmental impact

A concern for audience members and nonprofits alike, blockchain technologies are well known for their large carbon footprints. A learning we take forward is considering how to bring this into the learning design, through examples addressing carbon footprint and environmental impact. E.g. Proof of Stake blockchains like Ethereum's recent shift.

How to get started

Audience members were interested in advice about how and where to get started in Web3. Responses were to immerse into the topic, find and follow people you resonate with and can ask questions of, and 'lurk in Web3 Discords to see, listen and absorb what is happening.', learn by doing by joining an immersive learning experience to get hands on.

Web3 learning spaces

Ultimately, there is a need among nonprofits and their stakeholders for spaces to learn about Web3, with experts and peers, and to experiment.

"Huge appreciate for this support! It's been a real catalyst and so energising working and learning in the open with others" - nonprofit

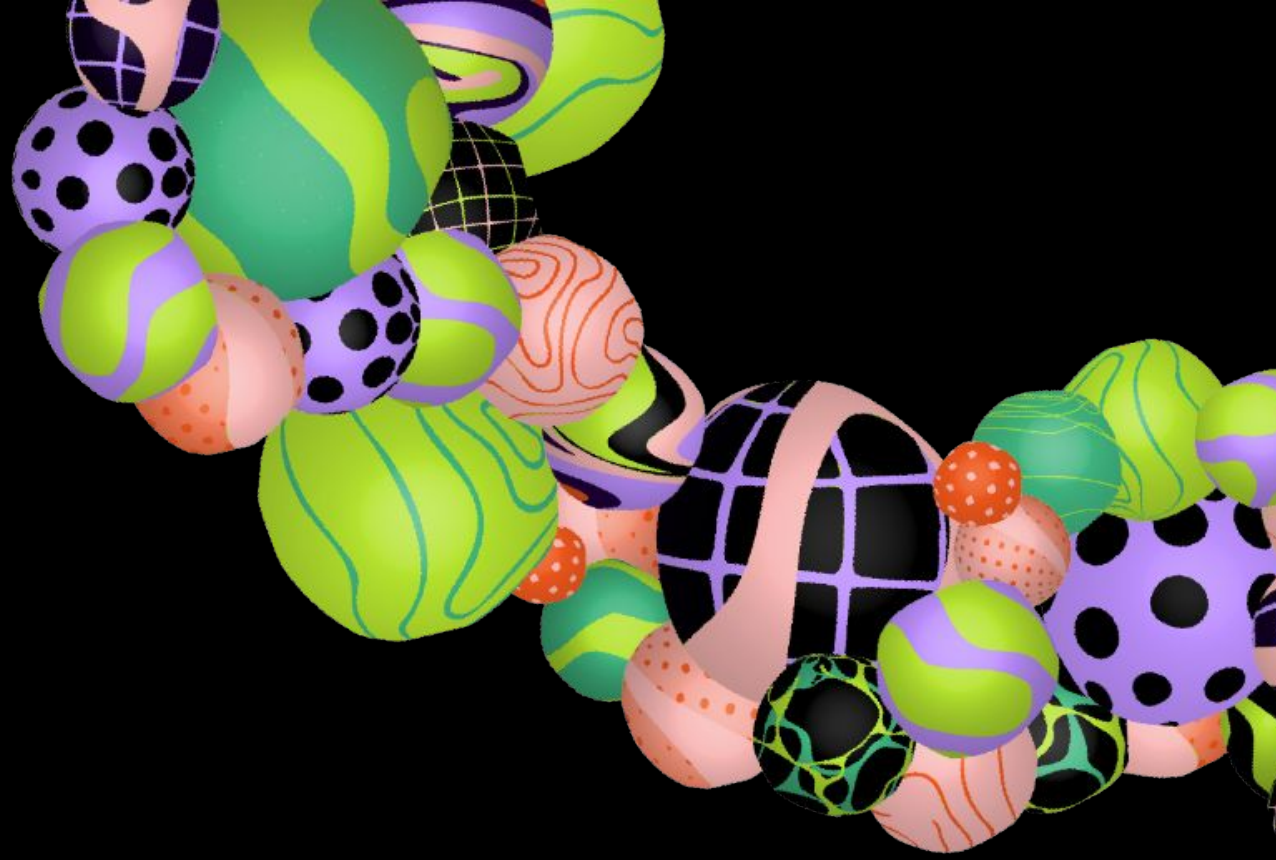
"I am taking away the mentor + peers model is really powerful for exploring new fields." - showcase audience member

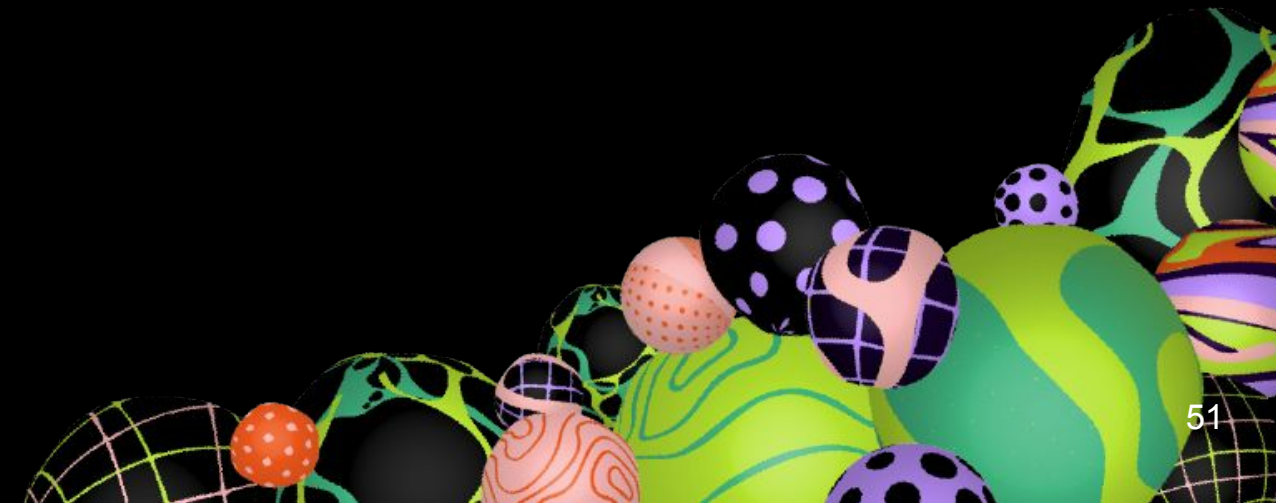
Where **next?**

From this project, we see potential for more work in relation to supporting nonprofits in their Web3 explorations and in relation to the learning model for other emerging technologies. Here are some ideas:

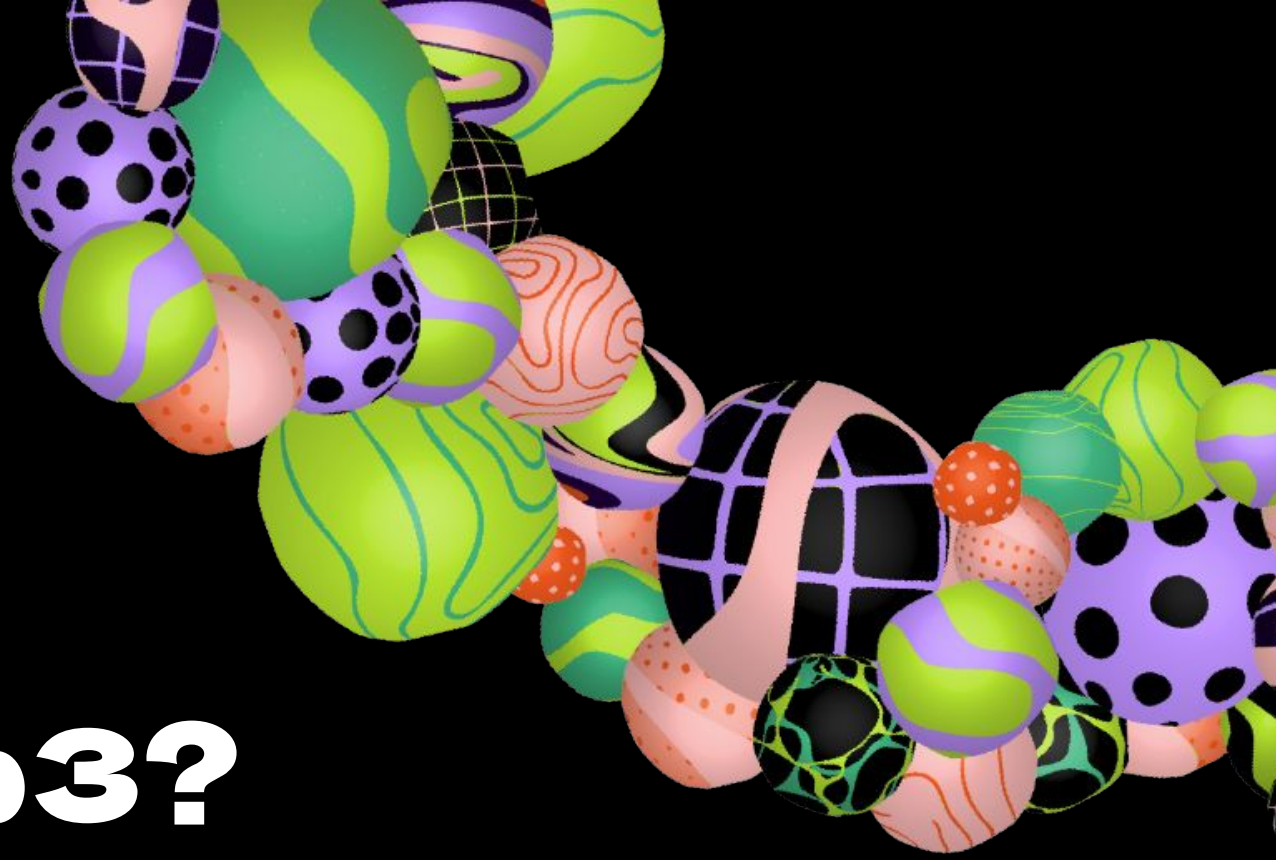
1. **Iterate the model for Web3:** Now we've piloted the model, we could repeat it, to iterate it and build on what we've learnt. We have ideas for how we could improve it and we have resources and reputation from this one to launch from, too.
2. **Split the offer:** we see potential for 2 types of learning offers emerging: 1 learning immersion that builds on what we've learnt and involves more prototyping and light touch implementation support; 1 half-day workshop version that allows nonprofits to quickly dip into the opportunities, the potential for their organisation, with the aim of raising literacy and helping them to work out if a deeper dive is needed and timely.
3. **Repeat for different emerging technologies:** There is potential to test the model with other emerging technologies. One of the clear options that came up in feedback was doing a similar process for Generative AI Large Language Models, like ChatGPT. It would be interesting to test the model with technologies that might not be so clearly values-aligned as Web3.
4. **Comparative wider sector output:** we think it would be interesting to repeat this with 2 more tech areas and then commit some capacity to design an output that looks at the outcomes across the 3 areas and could say something more comprehensive about the future disruption preparedness of the sector.
5. **Find more partners**: we wonder who else we could partner with alongside Catalyst, perhaps from the Web3 world, who could bring in more resource, capacity and content (e.g. Tools for the Regenerative Renaissance partnering with Seeds and then that was the currency people paid / got paid in)

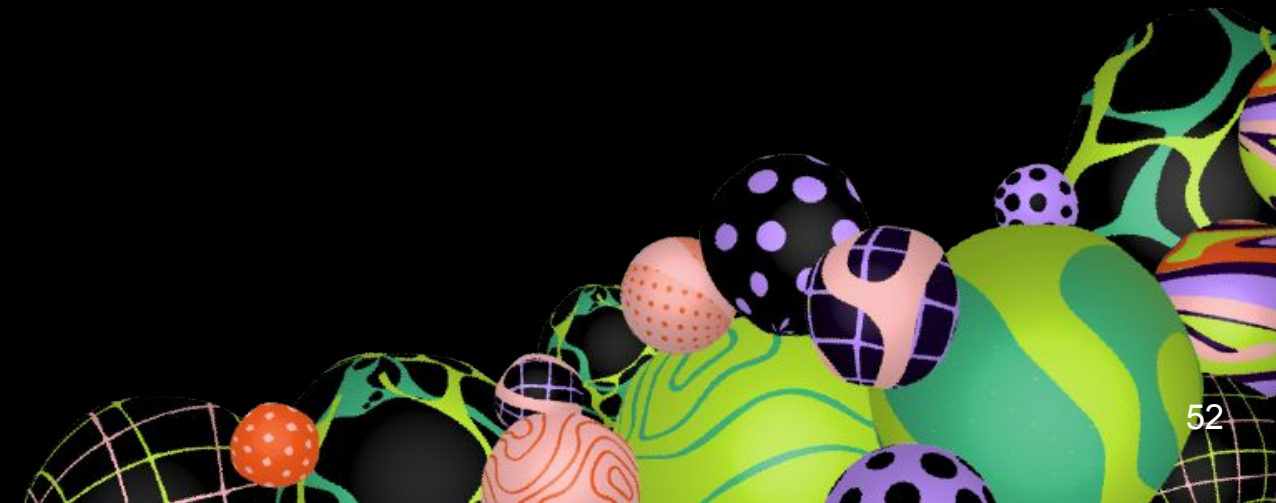
Appendix





What is Web3?





Defining **Web3**

by Matt Weatherall, Incubation Lead at RADAR



Web3 is a vision for a better, fairer internet. The movement behind Web3 represents a shift toward a world where power is not concentrated in the hands of so few. The idea is to take the internet as we know it and add a new technology that enables people to interact without the need for a third party authority. This decentralising technology shifts the power and control from platforms to people, from corporations to communities. It creates new possibilities like faster, cheaper, and more transparent giving, and peer-to-peer coordination at scale. Web3 is still very much in its formative years. It's not clearly defined; it's a work-in-progress. Rather than thinking of Web3 as a new technology to keep up with, we can think of it as an invitation to join a movement toward putting power back in the hands of the people.

Web3 is very much still in its formative years. It is not yet clearly defined. A common phrase heard in Web3 is: "we're still early".

There is an opportunity to redefine Web3 for and with new ~~audiences~~ participants like nonprofits, and to make it more inclusive and accessible. "Let's not repeat the mistakes of web2 and all that came before. We have the opportunity to shape the culture of Web3 by shaping the language of Web3."

For the nonprofit sector, and for most people, what's more interesting than the technology is what the technology can actually do and what problems it solves for people.

"You only really need the conceptual overview. In the same way you don't need to grasp the entirety of the global financial model to fundraise, you don't need to know cryptography to ask for a donation in bitcoin." – David Mitchell, Cryptocurrency & Digital Fundraising Manager, Edinburgh Dogs and Cats Home.

The Network Economy: **a Megatrend**

By Warren Bramley



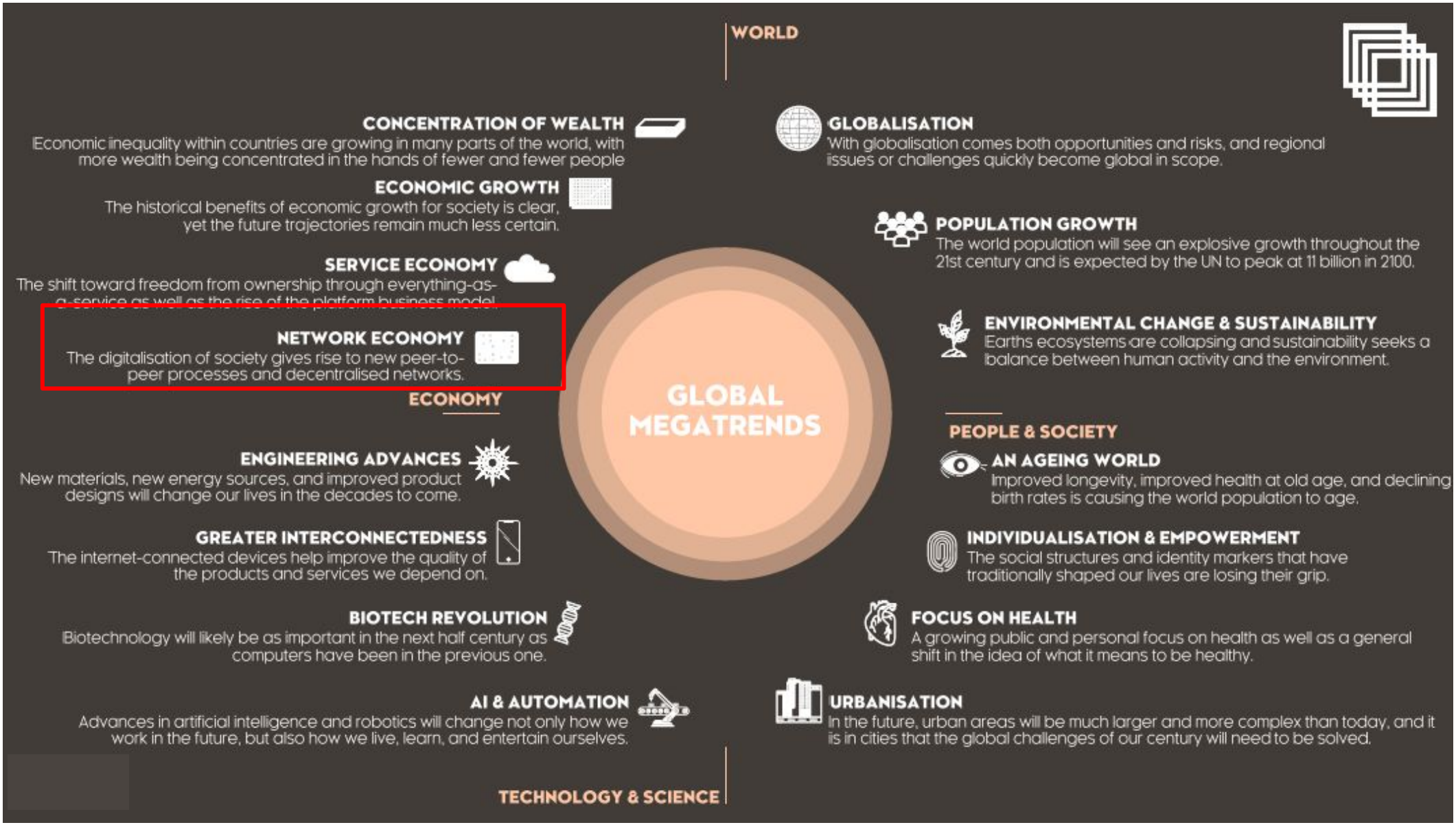


Image % Copenhagen Institute of Futures Studies, 'Megatrends Catalogue 2022' - https://cifs.dk/

The Network Economy: **a Megatrend**

By Warren Bramley



To understand Web3 it's important to place it in the wider context of the **Network Economy.**

The Network Economy is a mega trend that has been evolving **over the last decade**, characterized by decentralization, collaboration, and digitalization.

In the early 2000s, we saw the emergence of **peer-to-peer networks**, such as Napster, which enabled users to share digital files directly with one another without relying on a centralized server. Later on, we witnessed the rise of the **sharing economy** with platforms like Airbnb and Uber, which facilitated peer-to-peer sharing of resources and services.

Crowdfunding platforms like Kickstarter and Indiegogo transformed the way projects and businesses raise capital by allowing individuals to support ideas they believe in directly. Similarly, crowdsourcing leverages the **collective intelligence** and resources of large groups of people to solve problems or generate ideas. Platforms like Wikipedia embody the spirit of **collaboration and decentralization.**

KEY TRENDS

- Crowdfunding, crowdsourcing, crowd creation.
- Peer-to-peer and open source
- Social media
- Growing online marketplaces for everything
- Rise of Blockchain and cryptocurrencies

Megatrends that Shape Our Future, 2022, Copenhagen Institute of Futures Studies, https://www.youtube.com/watch?v=1xhPC9718UQ

The Network Economy: **Web3 Evolution**

By Warren Bramley



With the advent of **Web3 and blockchain,** we can expect even more innovations that will reshape the way we **interact, collaborate, and create value.**

Blockchain technology has added several significant elements to the Network Economy, making it an **evolution of the existing paradigm.**

These elements include **trustless systems, transparency, immutability, programmable money, smart contracts,** and **digital assets.**

By integrating these elements, blockchain technology has evolved the Network Economy, enabling **new forms of collaboration, decentralization,** and **value creation.**

It has the potential to further disrupt traditional industries and **give rise to innovative applications** across various sectors.

KEY CHARACTERISTICS:

- Trustless systems
- Transparency and immutability
- Programmable money
- Smart contracts
- Digital asset ownership

= new forms of collaboration, decentralisation, value creation.

Megatrends that Shape Our Future, 2022, Copenhagen Institute of Futures Studies, https://www.youtube.com/watch?v=1xhPC9718UQ

Web 3 Core Principles

By Madhuri Rahman

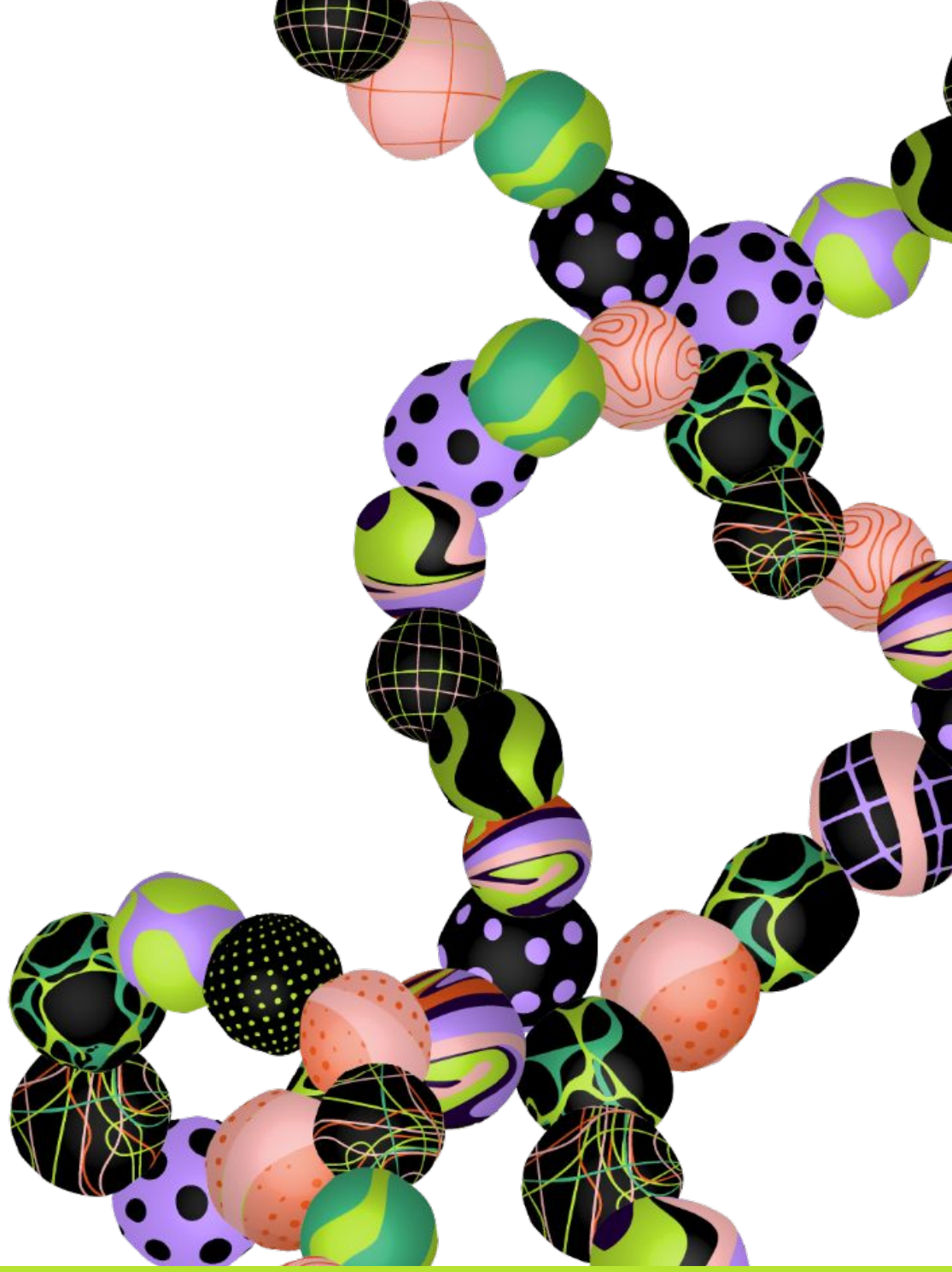


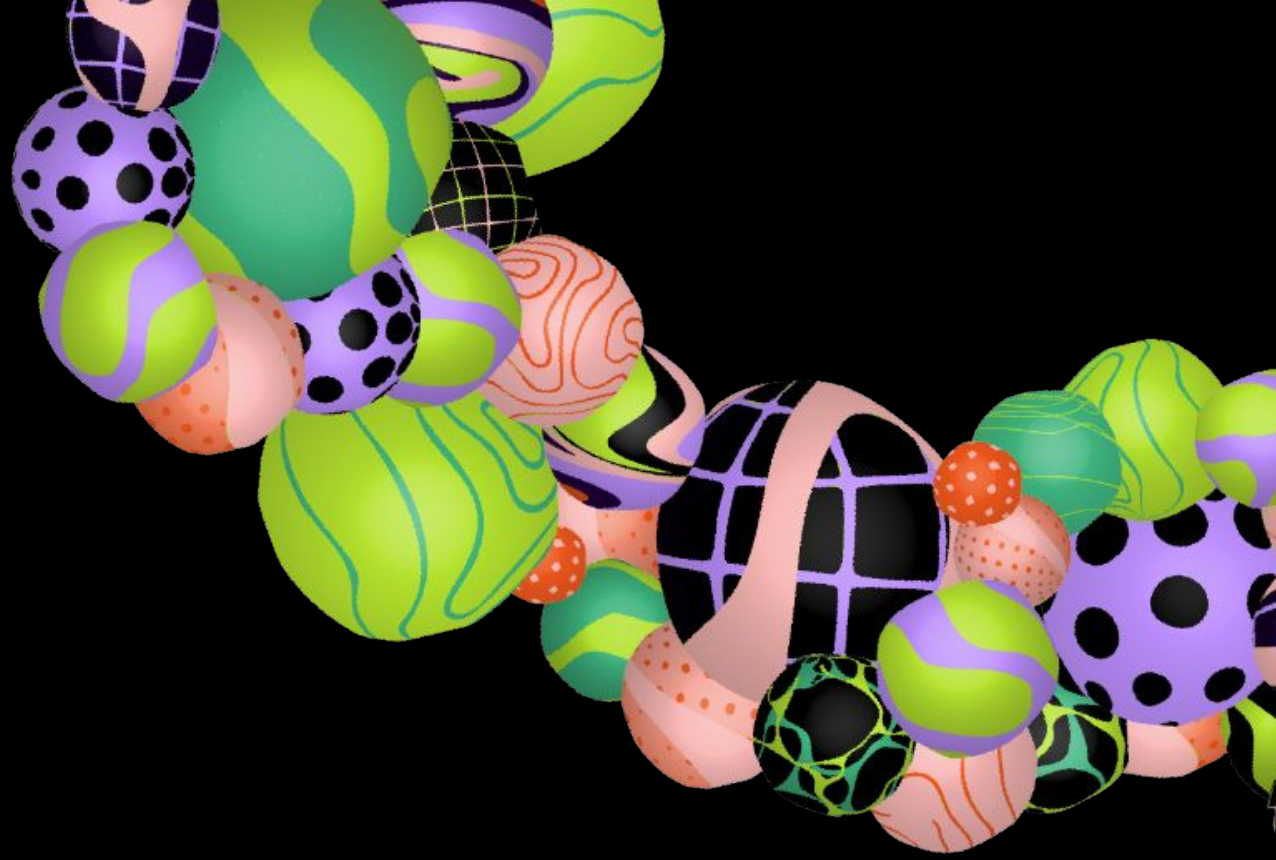
Principle	Key Concepts	Example Case Study
Transparency	• Maintaining an immutable data record • Automating data collection • Having a shared ledger	**Braintrust:** https://www.usebraintrust.com/ Braintrust is a decentralized talent network that connects skilled and vetted workers with the world's most reputable brands. The community that relies on Braintrust to find work are the same people who own and build it, ensuring the network always serves the needs of its users, instead of a centrally-controlled corporation.
Decentralisation	• Cutting Out the Middleman • Community Ownership • No single point of failure	
Co-ordination at scale	• Smart Contracts and the automation of complex human processes • Decentralised governance • Seamless global value transfer	**Choice DAO:** https://www.choicedao.org/ Working to protect and expand abortion access in the US. The DAO is funded by cryptocurrency donations and governed by a community of members who vote on proposals to allocate funds. Formed 26 days after Roe v Wade was overturned.
Incentivising behaviour	• Fungible and non-fungible tokens • Cutting out the central intermediary • Community rewards for 'work'	**Uniswap:** https://uniswap.org/ Uniswap is a decentralized cryptocurrency exchange (DEX) which uses algorithms to determine the price of tokens on the exchange. The exchange's liquidity is provided by users who deposit funds into liquidity pools, rather than by a centralized entity.
Re-thinking value	• Information vs Value • NFTs or Digital Assets • Identity, Data, Impact	**Disco XYZ:** https://www.disco.xyz/ Disco XYZ enable individuals to carry their data in a digital backpack. Instead of having to enter all your data every time you sign up to a new platform, you can use your backpack to verify your credentials.

Further **reading**

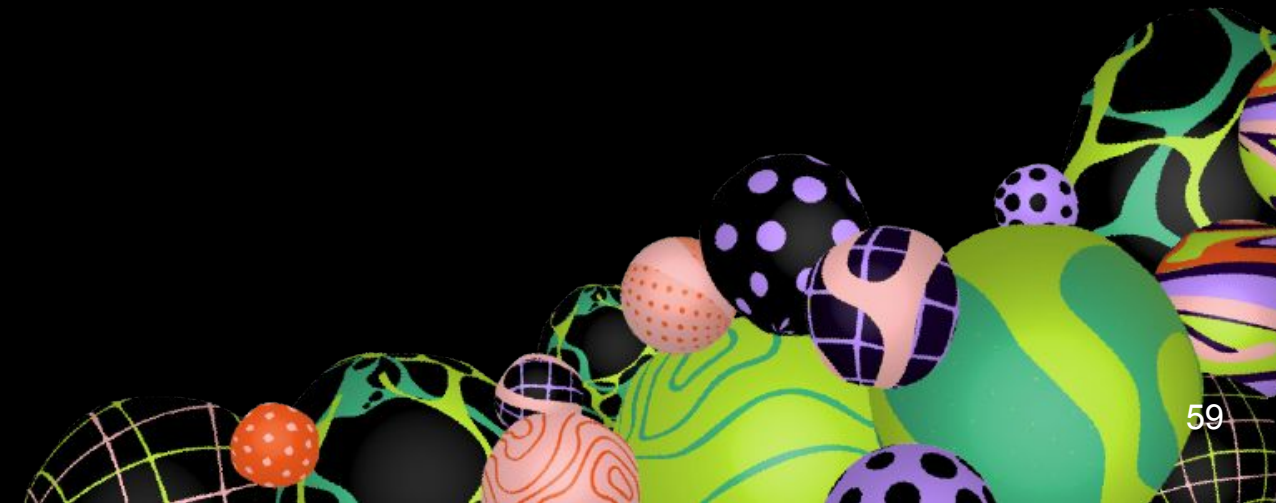
Some of our favourites, if you have time and curiosity:

- Impact DAO Media: The Impact DAO Book
- Rich Bartlett: Decentralised Tech & The Future of Organising
- Philanthrop3: Resource Hub
- UNDP: Web3 + SDGs
- WEF: DAO Toolkit
- WEF: Everything you need to know about DAOs
- NESTA: Decentralised Futures
- Brink: Decentralised community building in Web3 — "Is it all nonsense" or could this change the world?
- KPMG - Cooperative Digital Networks (DAOs)
- Web3 For Good: Newsletter
- DisCO Coop: DisCO Elements





Web3 Case Studies



Honey Badges

Overview

Honey Badges are 10,100 unique NFTs with membership utility to an exclusive group of change-makers who, much like the elusive Honey Badger, “don’t give a sh*t” about anything other than making the world a better place. 100% of collection royalties from secondary sales are stored in a fund managed by the DAO

Purpose

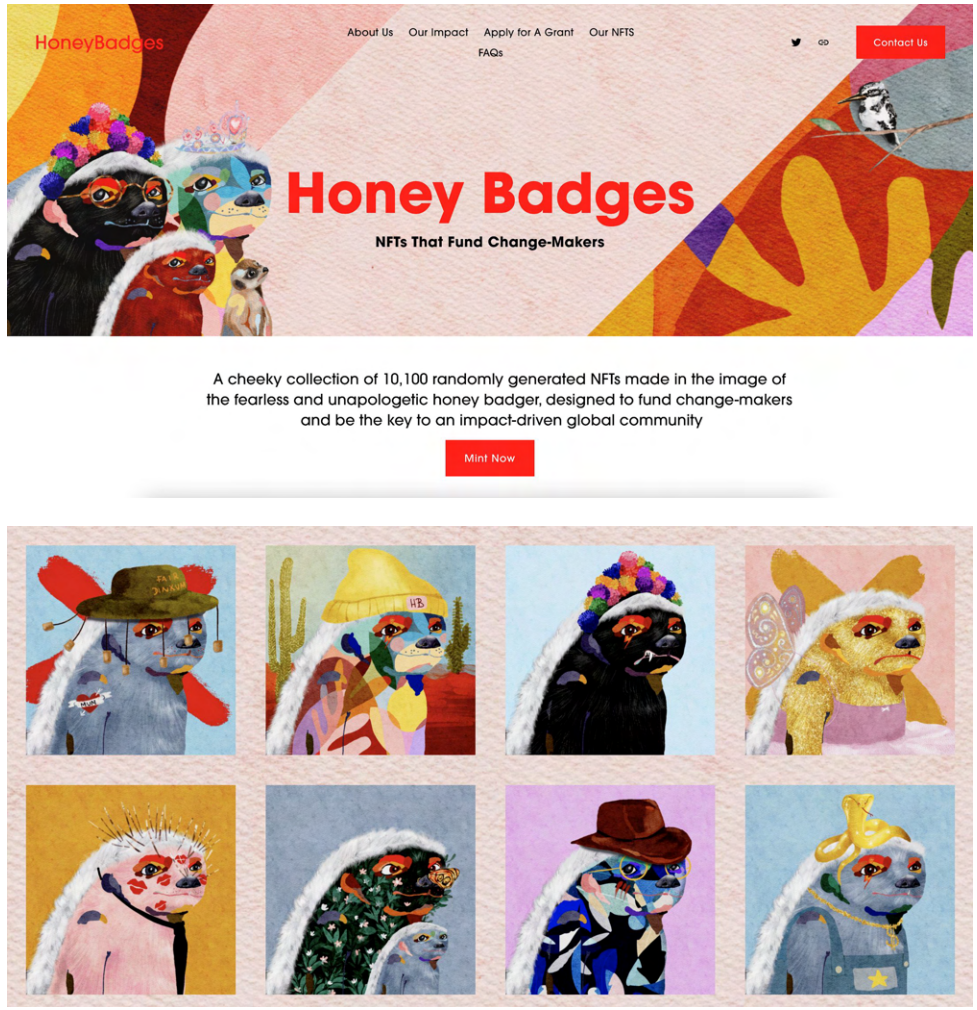
To provide grants to change-makers (individuals and organisations), fighting for improvements in human rights, living conditions or the fight for equality.

Technologies used

NFTs

Organising form / governance structure

DAO, nonprofit



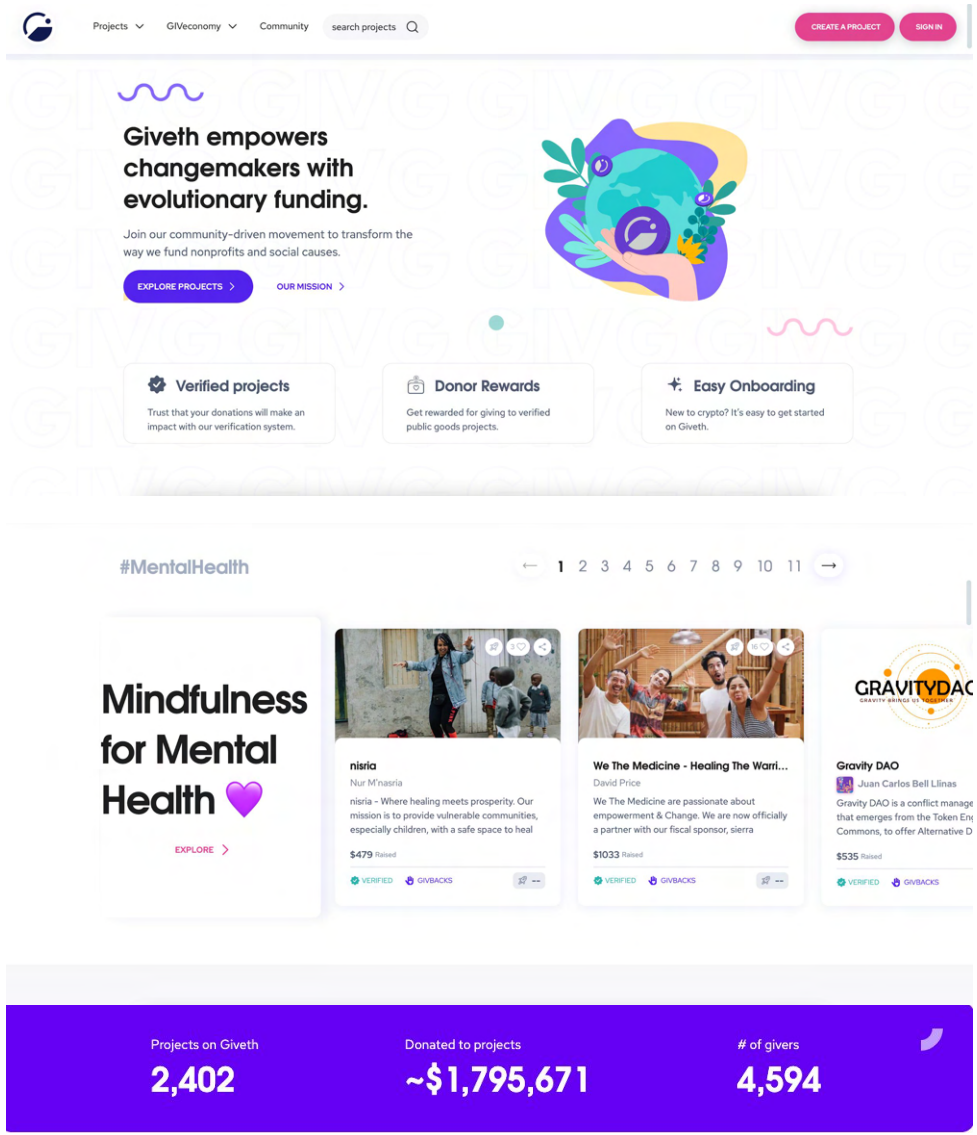
Giveth.io

Overview
Giveth is a Decentralised Altruistic Community (DAC) that Beginning with a free and direct crypto donation platform on Ethereum, we onboard for-good projects and support them so that they can eventually blossom into DAOs with their own regenerative economies, with Giveth itself becoming an impact investment hub for public goods. Currently with its fundraising platform, Giveth rewards donors directly through the GIVbacks program with GIV, which they can then stake to support projects and earn returns via GIVpower.

Purpose
To build a culture of giving that rewards and empowers those who give. They want to revolutionise how philanthropy is done, using blockchain, to build a world in which giving is effortless and rewarding.

Technologies used
Blockchain, smart contracts, incentive tokens, DApps: GIVback, GIVpower, GIVmatching (collectively funded donation matching pool), GIVfi (smart contract system for generating yield on idle donations), Gurves (bonding curves to collateralise Giveth projects to evolve into DAOs with their own micro-economies)

Organising form / governance structure
DAO, nonprofit - using sociocracy inspired governance processes with concentric circles of contribution



Kolectivi

Overview
Kolektivi is a community-led organization that is working to build a more sustainable and equitable future for Curaçao. They are using a Web3 framework, to help them achieve their goals.

Purpose
Kolektivi aims to empower local communities to take control of their own economies and create a more sustainable future.

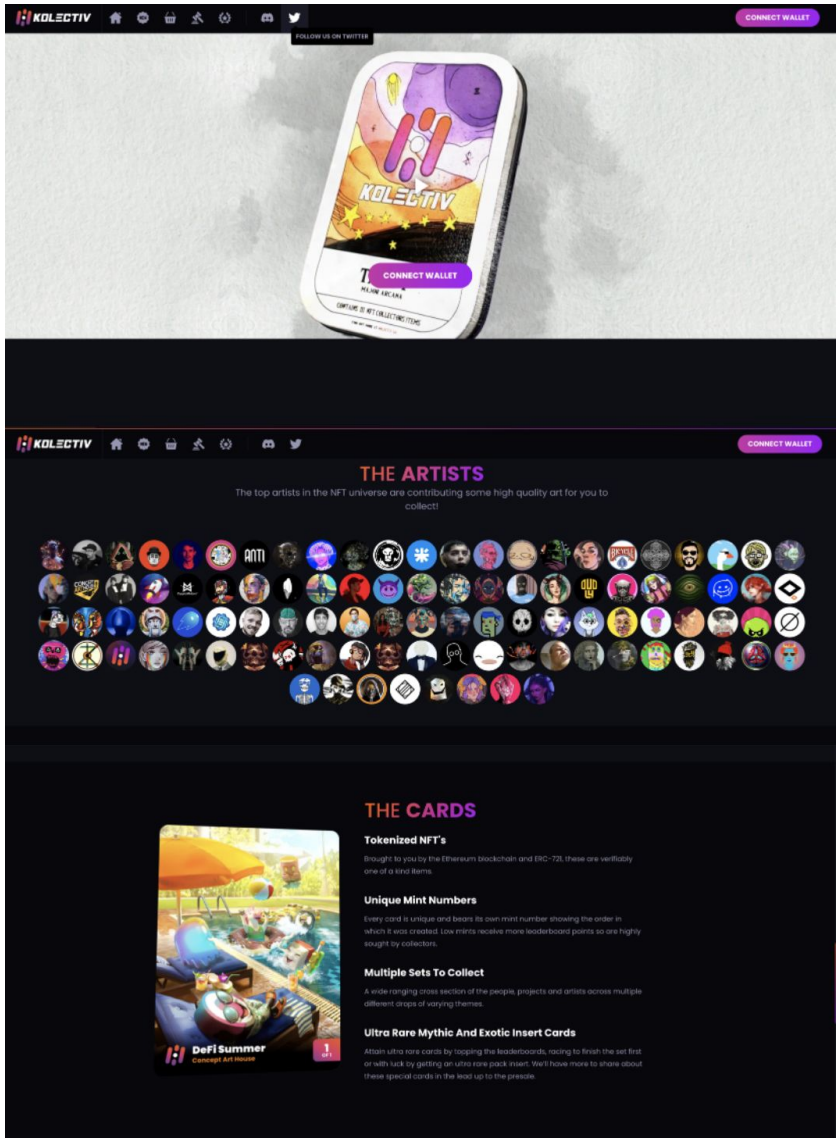
Technologies used
Blockchain technology: allows for secure, transparent, and tamper-proof transactions. Kolektivi is using blockchain to create a digital currency that is backed by natural capital.

Geospatial Non-Fungible Tokens (GeoNFTs): GeoNFTs are a type of NFT that is linked to a specific location. Kolektivi is using GeoNFTs to represent natural capital assets, such as trees and forests.

Ecological Tokens: Ecological tokens are a type of cryptocurrency that is backed by ecological data. Kolektivi is using ecological tokens to incentivize the protection of the environment.

Organising form / governance structure
Kolektivi is a nonprofit organization that is governed by a board of directors. The board is made up of representatives from the community, as well as experts in Web3 technology and sustainability.

Outcome/impact
Kolektivi is still in its early stages. They have created a digital currency, and they have launched a pilot project to use GeoNFTs to represent trees and forests.



World Food Programme

Overview

The World Food Programme (WFP) is using blockchain technology to track distribution in refugee camps. The project is called Building Blocks, and was first piloted in Jordan and Pakistan.

Purpose

"WFP has developed a robust application on the Building Blocks network that enables tracking, coordination, and delivery of multiple types of assistance, including cash, food, WASH (water, sanitation and hygiene), medicine and more. The technical blockchain infrastructure to operate the network is based on an open-source software and is freely accessible to participating organizations. The applications deployed on the Building Blocks network are also available for free to the network members.

WFP is inviting other United Nations agencies and humanitarian actors to collaborate on a neutral blockchain network to improve cooperation, reduce fragmentation, bolster efficiency — and ultimately further empower the people we serve."

Technologies used

Blockchain technology: The project is using blockchain technology to create a secure and transparent record of distribution. This record is stored on a distributed ledger, which means that it cannot be tampered with.

Organising form / governance structure

The Building Blocks project is a partnership between WFP and a number of other organizations, including the United Nations High Commissioner for Refugees (UNHCR), the World Bank, and the Bill & Melinda Gates Foundation.

Benefits

Security: Blockchain is a secure and tamper-proof way to store data - ensures that the data is not lost or corrupted.
Transparency: Blockchain is a transparent way to track data. This means that beneficiaries can see how their aid is being used.
Efficiency: Blockchain is an efficient way to transfer money. This can help to speed up the delivery of aid and to reduce costs.



The first successful test of Building Blocks at field level was carried out in January 2017 deep in the heart of Sindh Province, Pakistan. Photo: WFP/Houman Haddad.

Regen Network

Overview
The Regen Network Development Foundation (RNDF) is a nonprofit organization that manages funds for ecological regeneration projects. The DAO is governed by a community of token holders who can vote on proposals to allocate funds.

Purpose
The purpose of the RNDF project is to accelerate the regeneration of the Earth's ecosystems through the development and deployment of decentralized finance (DeFi) tools. The project believes that by using DeFi, it can tap into the expertise and resources of a global community of token holders to fund ecological regeneration projects.

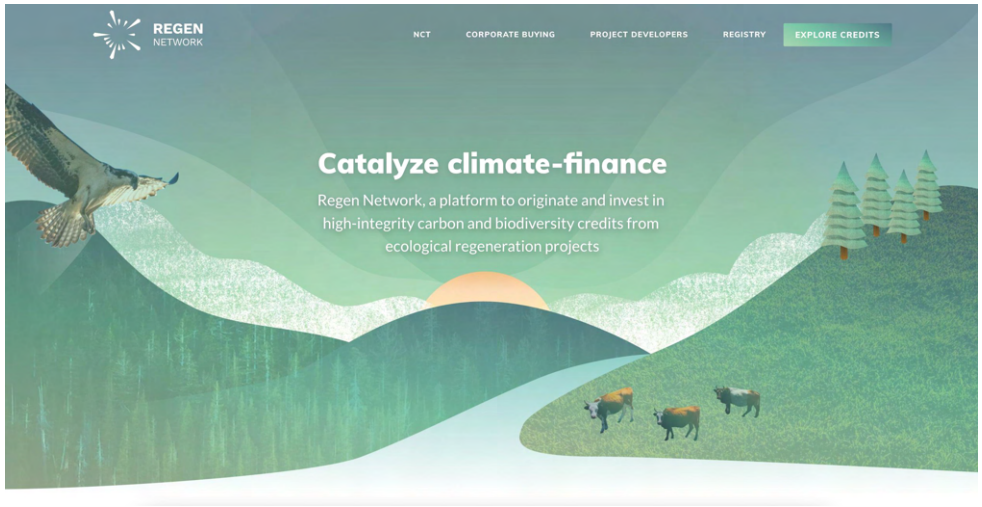
Technologies used

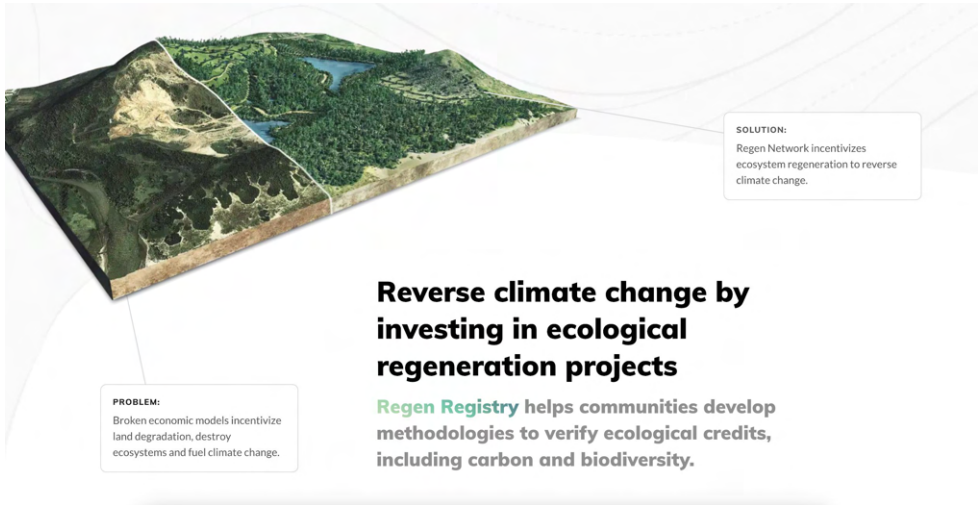
Blockchain technology: The project is using blockchain technology to create a secure and transparent platform for the DAO. This platform allows token holders to vote on proposals to allocate funds, and it also allows the project to track the impact of its investments.

DeFi tools: The project is using DeFi tools allows token holders to stake their tokens, vote on proposals, and earn rewards for their contributions.

Organising form / governance structure
The RNDF project is a non-profit organization.

Outcome/impact
The project has funded a number of projects that are working to restore forests, improve soil health, and reduce greenhouse gas emissions.





Choice DAO

Overview
ChoiceDAO is a decentralized autonomous organization (DAO) that is working to protect and expand abortion access in the United States. The DAO is funded by cryptocurrency donations and is governed by a community of members who vote on proposals to allocate funds. Formed 26 days after Roe v Wade was overturned.

Purpose
“We are building a vehicle for change. Our community’s superpower is to unite talent and capital. DAOs unlock that power, break traditional hierarchies, and bring a new sense of speed and scale to movements.”

Technologies used
Blockchain technology: The DAO is using blockchain technology to create a secure and transparent platform for fundraising and governance.
Smart contracts: The DAO is using smart contracts to automate the allocation of funds and to ensure that they are used in accordance with the will of the community.
Cryptocurrency: The DAO is using cryptocurrency to raise funds and to make payments. This makes it easy for people to donate and to receive payments, even if they do not have a bank account. Donations are accepted in Ethereum and MATIC.



Organising form / governance structure
ChoiceDAO is a decentralized autonomous organization (DAO) governed by a community of members who vote on proposals to allocate funds. Partnerships: @MyBFF, @ConstitutionDAO, @Gitcoin, @SyndicateDAO, @Ukraine_DAO, @UnchainFund, @GirlsWhoCode, @PPFA, @ChangeNOW_io & @TheGivingBlock.

Outcome/impact
ChoiceDAO has funded a number of projects, including:Funding travel for people seeking abortions: The DAO has funded travel for people who need to travel to other states to access abortion services. Providing legal assistance: The DAO has provided legal assistance to people who are facing legal challenges related to abortion.

Brooklyn Microgrid

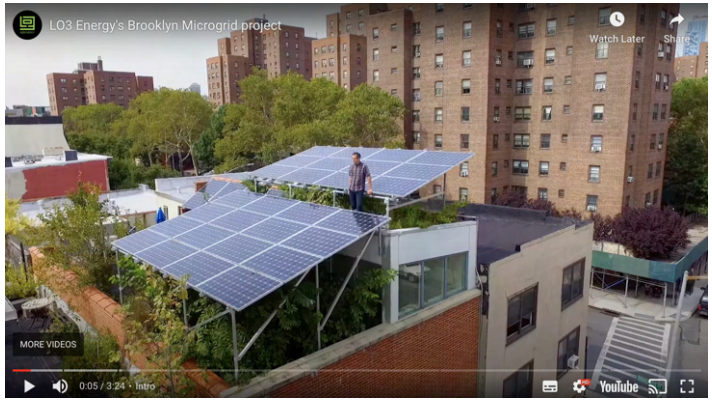
Overview
Brooklyn Microgrid (BMG) is a community-driven energy project focused on creating a local, sustainable, and resilient energy grid in Brooklyn, New York. It utilizes blockchain technology to enable peer-to-peer energy transactions and encourage the use of renewable energy sources within the community.

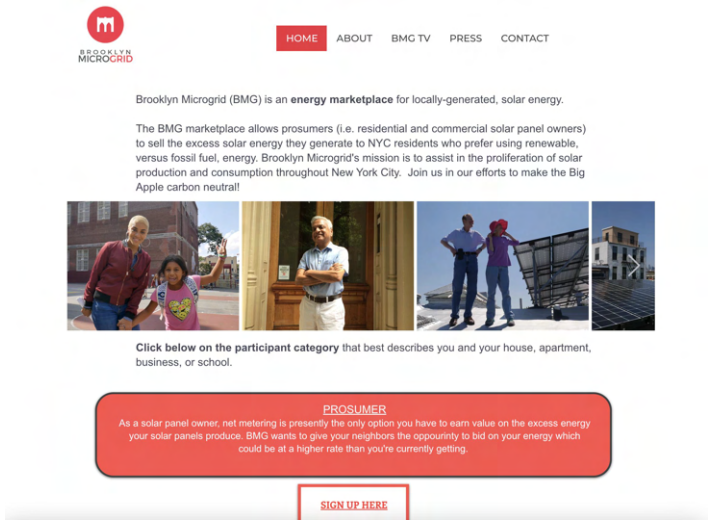
Purpose
The primary goal of Brooklyn Microgrid is to democratize the energy market and promote the adoption of renewable energy sources by allowing community members to produce, store, and trade energy locally. This helps to reduce dependency on centralized power sources, lower energy costs, and improve grid resiliency in the face of potential outages.

Technologies used
Blockchain technology: BMG employs blockchain to facilitate secure, transparent, and tamper-proof energy transactions among community members. The decentralized nature of the blockchain ensures trust and reduces the need for intermediaries.
Smart meters: BMG uses smart meters to monitor energy production and consumption in real-time. These meters are connected to the blockchain, allowing for automated and transparent energy trading.
Internet of Things (IoT): IoT devices are used in the Brooklyn Microgrid to manage and optimize energy distribution, storage, and consumption. This helps improve overall grid efficiency and reduce energy waste.

Organising form / governance structure
Brooklyn Microgrid is a collaborative project that involves various stakeholders, including local residents, businesses, and renewable energy providers. The project is supported by LO3 Energy, a technology company specializing in blockchain and distributed energy solutions. Decision-making is facilitated through community engagement and consensus, with input from various stakeholders.

Outcome/impact
Brooklyn Microgrid has successfully demonstrated the potential for blockchain-based energy grids in facilitating local, clean, and resilient energy networks. The project has enabled community members to produce and trade renewable energy, resulting in increased adoption of solar and other clean energy sources. Additionally, the project has helped to reduce energy costs for participants and bolster grid resiliency during extreme weather events or other disruptions.





Shamba Network

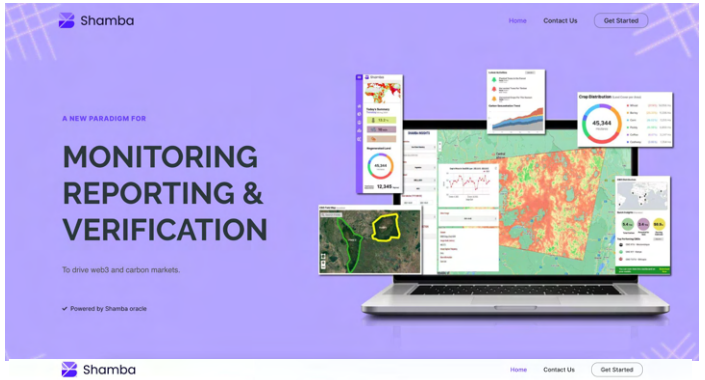
Overview
The Shamba Network is a project that uses blockchain technology to help farmers in Kenya track and sell their carbon credits. The project was founded in 2021 by Kennedy Nganga.

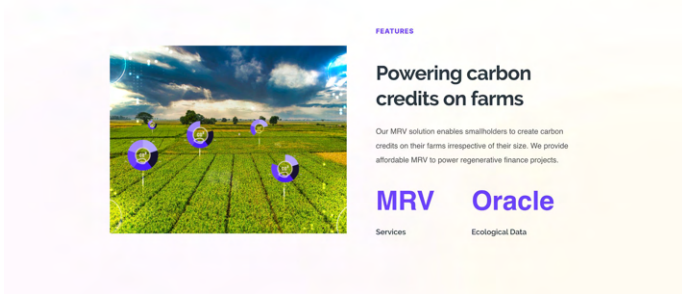
Purpose
The purpose of the Shamba Network is to help farmers in Kenya earn additional income and to protect the environment. The project is also a good example of how blockchain technology can be used to address social and environmental challenges.

Technologies used
Blockchain technology: The Shamba Network uses blockchain technology to track the amount of carbon that farmers are removing from the atmosphere. This data is then used to create carbon credits, which can be sold to businesses and individuals who want to offset their carbon emissions.
Satellite data: The Shamba Network uses satellite data to track the amount of carbon that farmers are removing from the atmosphere. This data is then used to create carbon credits, which can be sold to businesses and individuals who want to offset their carbon emissions.

Organising form / governance structure
The Shamba Network is a nonprofit organization. The project's board of directors is made up of farmers, scientists, and technologists. The board is responsible for setting the project's goals and objectives, and it also oversees the project's finances.

Outcome/impact
The project has helped small hold farmers (who are usually cut out of the carbon offset system) to earn additional income by selling their carbon credits. The project has also helped to protect the environment by reducing the amount of carbon dioxide in the atmosphere.







Shamba Network

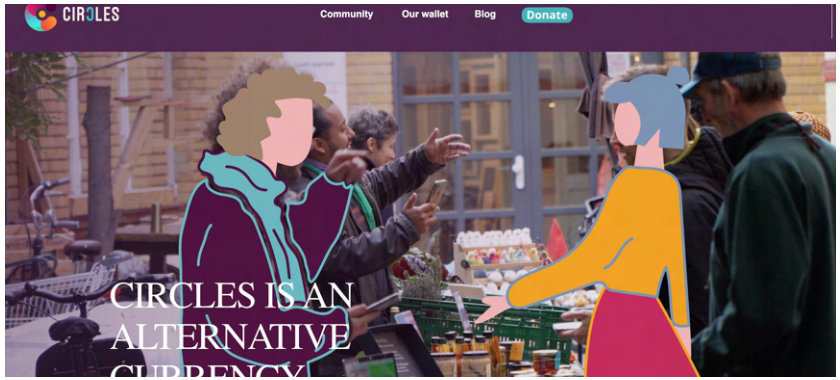
Overview
Circles is a decentralized universal basic income (UBI) platform that aims to provide a more equitable distribution of wealth through the use of cryptocurrency. It operates on a trust-based, peer-to-peer network that enables users to exchange value and support one another through the Circles cryptocurrency (CRC).

Purpose
The main goal of Circles is to address wealth inequality and provide individuals with a stable, basic income that can be used to meet their essential needs. The platform promotes a more inclusive and resilient economy by empowering individuals to engage in peer-to-peer transactions using the Circles cryptocurrency.

Technologies used
Blockchain technology: Circles employs blockchain to facilitate secure, transparent, and tamper-proof transactions among users. The decentralized nature of the blockchain ensures trust and reduces the need for intermediaries in the transaction process.
Ethereum network: Circles is built on the Ethereum blockchain, which enables the creation and management of the Circles cryptocurrency (CRC) and smart contracts for trust-based peer-to-peer interactions.
Cryptocurrency wallets: Circles utilizes cryptocurrency wallets that enable users to securely store, send, and receive CRC.

Organising form / governance structure
Circles is a decentralized project, relying on its community for decision-making and development. It has an open-source codebase, which allows for the participation of developers and community members in improving the platform. As a decentralized and trust-based system, Circles relies on the relationships and trust networks formed among its users to facilitate transactions and maintain the integrity of the platform.

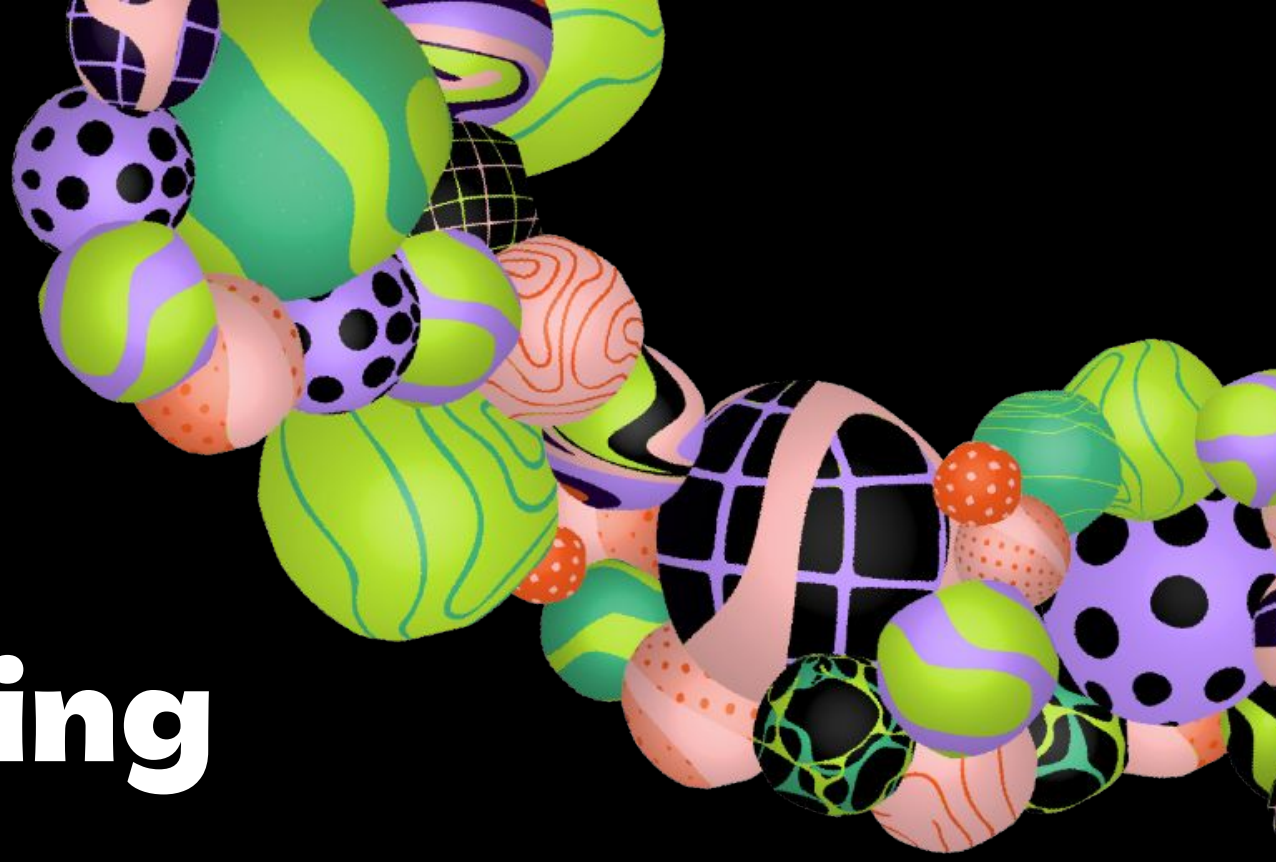
Outcome/impact
Circles has created a novel approach to universal basic income by leveraging blockchain technology and peer-to-peer networks. The platform has empowered individuals to support one another through the exchange of value and fostered a more equitable distribution of wealth. While the Circles platform is still in the early stages of adoption, it demonstrates the potential for decentralized UBI systems to create more inclusive and resilient economies.

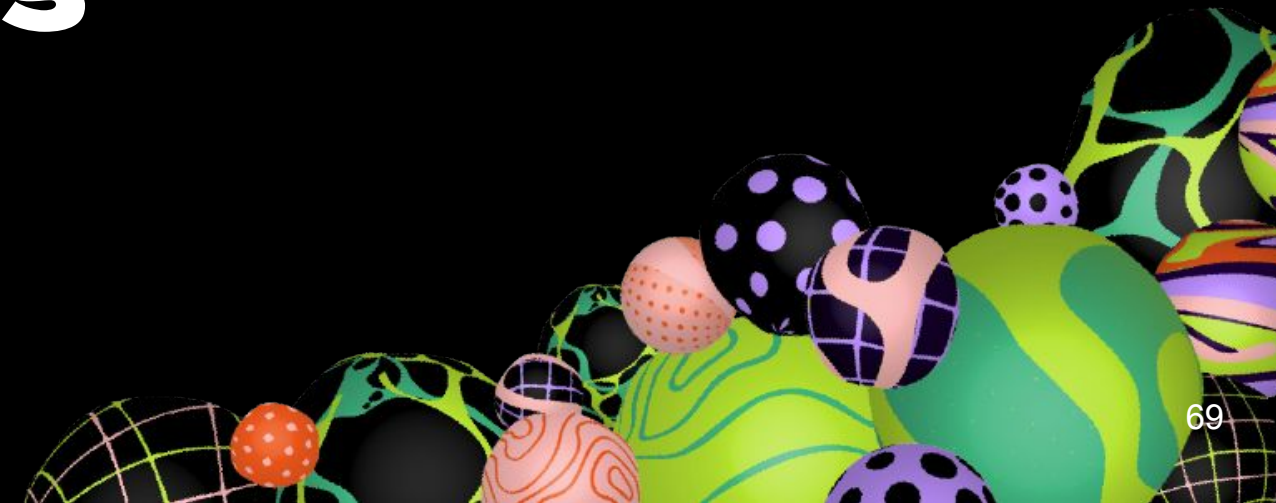


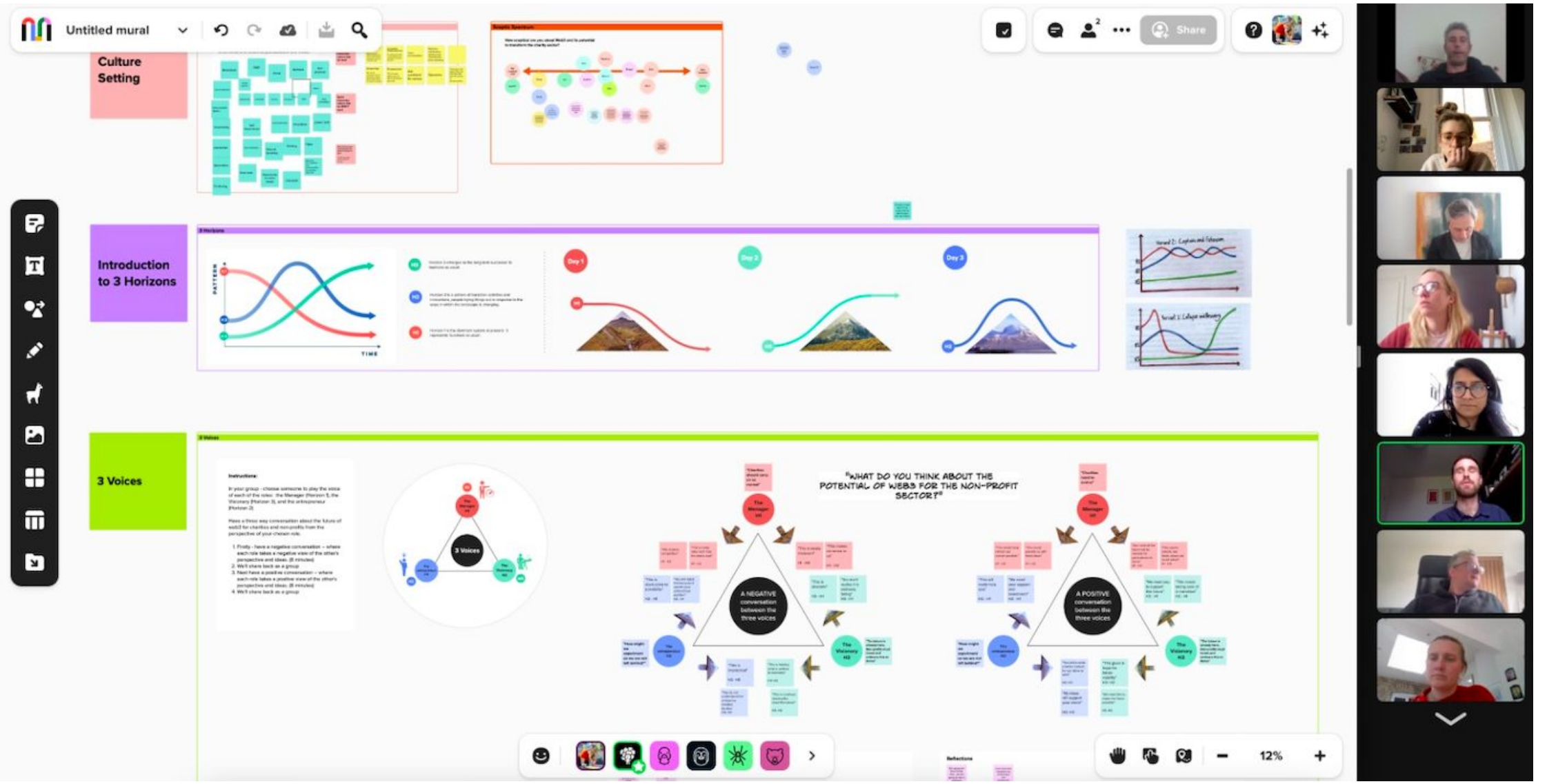


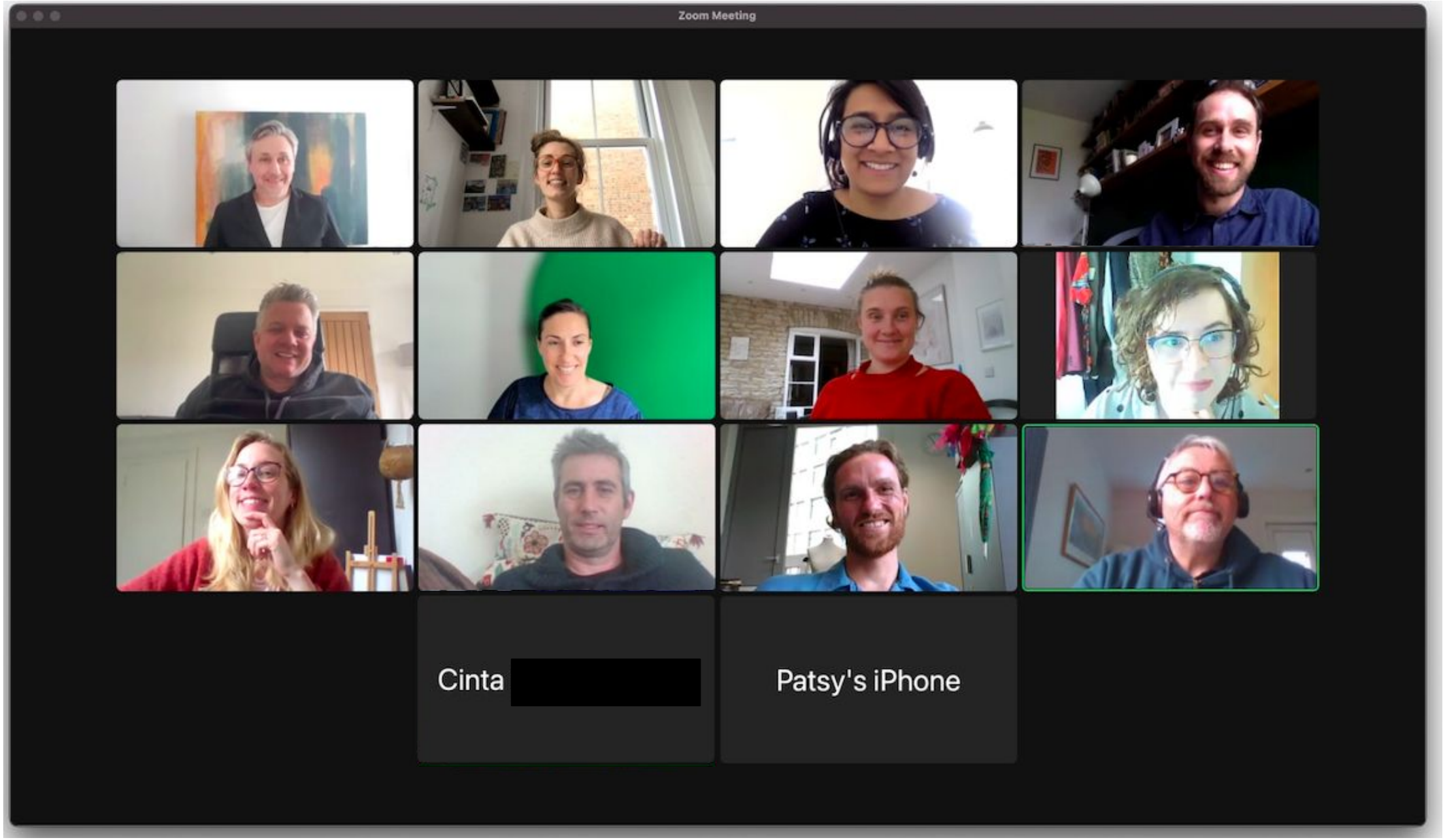


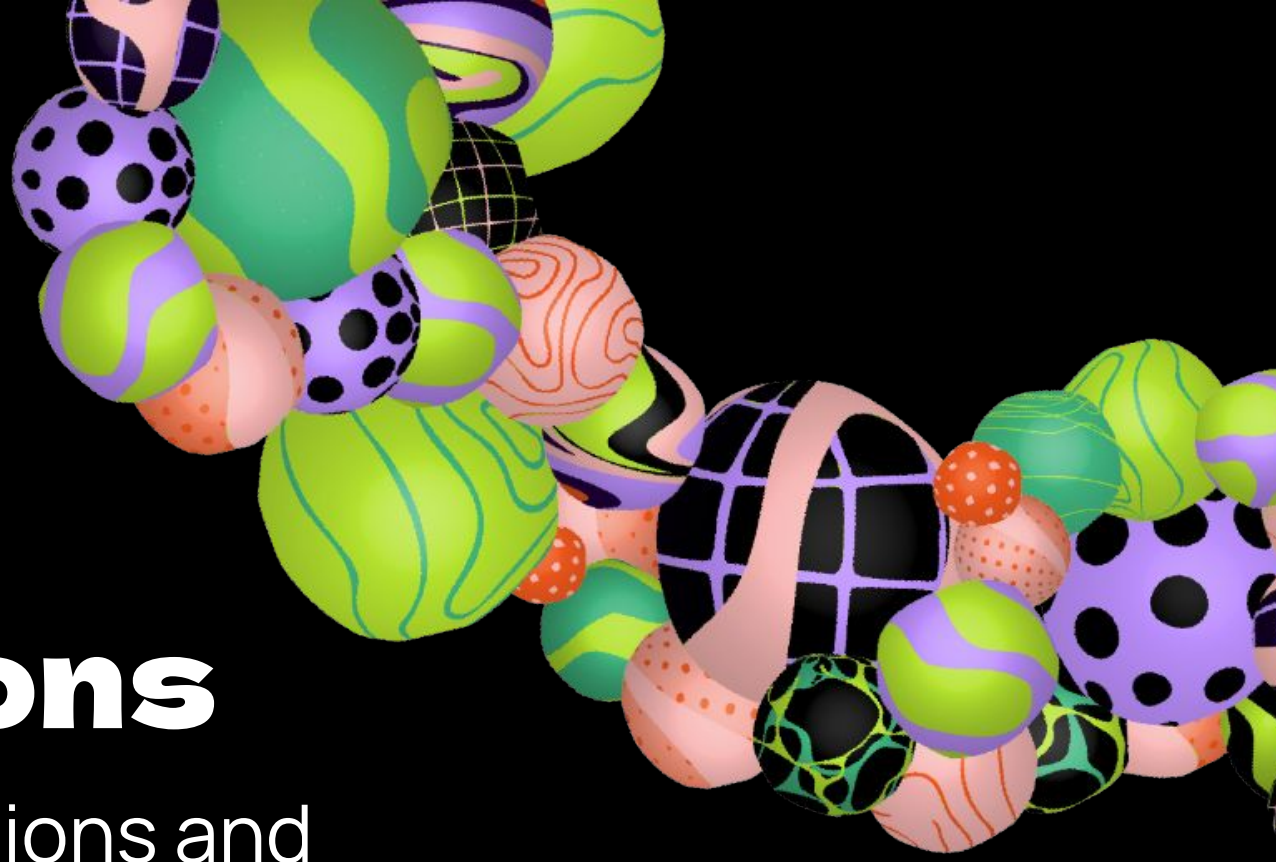
Web3 learning immersion screenshots





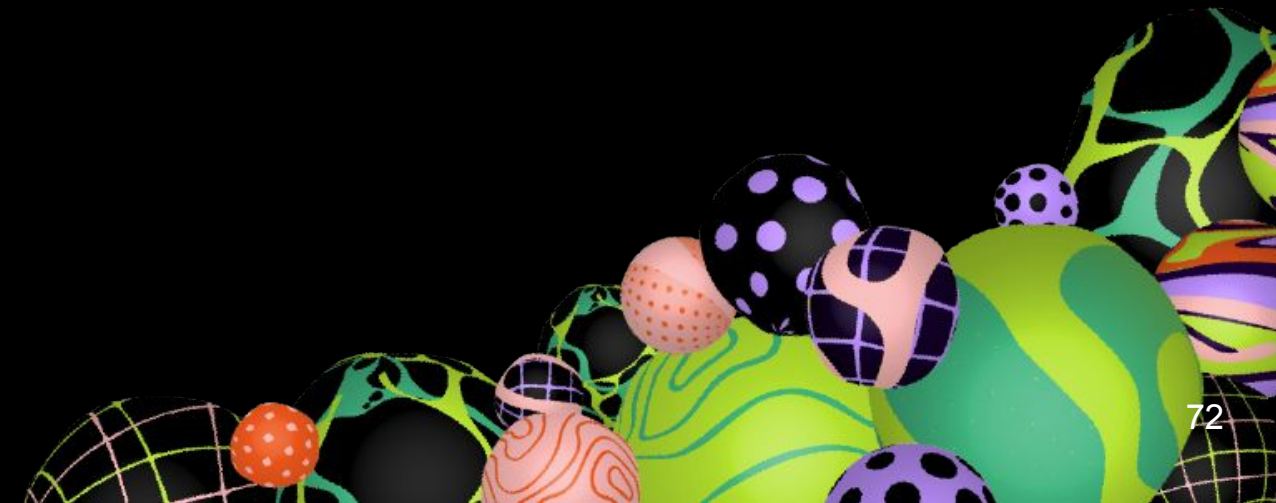

Untitled mural
Share
Culture Setting
Introduction to 3 Horizons
Day 1
Day 2
Day 3
3 Voices
"WHAT DO YOU THINK ABOUT THE POTENTIAL OF WEB3 FOR THE NON-PROFIT SECTOR?"
A NEGATIVE conversation between the three voices
A POSITIVE conversation between the three voices
12%


Zoom Meeting
Cinta [redacted]
Patsy's iPhone



Future visions

Horizon 3: Collective visions and organisational storytelling





A 2040 Future
The Visionaries

Community Garden

Stewarding nature

A great thing has happened to me. A new opportunity has come up and it has enabled me to start a project I have been wanting to do for years, but haven't been able to. Have you heard of Web3?

As you know, the last couple of years I have been taking people out in my local area on guided walks and the benefits that they have experienced from spending time in this beautiful, remote landscape has been incredible. After these guided walks, people always tell me I should turn this place into a retreat, and that all their friends would come along etc. But I have never been able to afford anything like this and have had no idea where to even start...

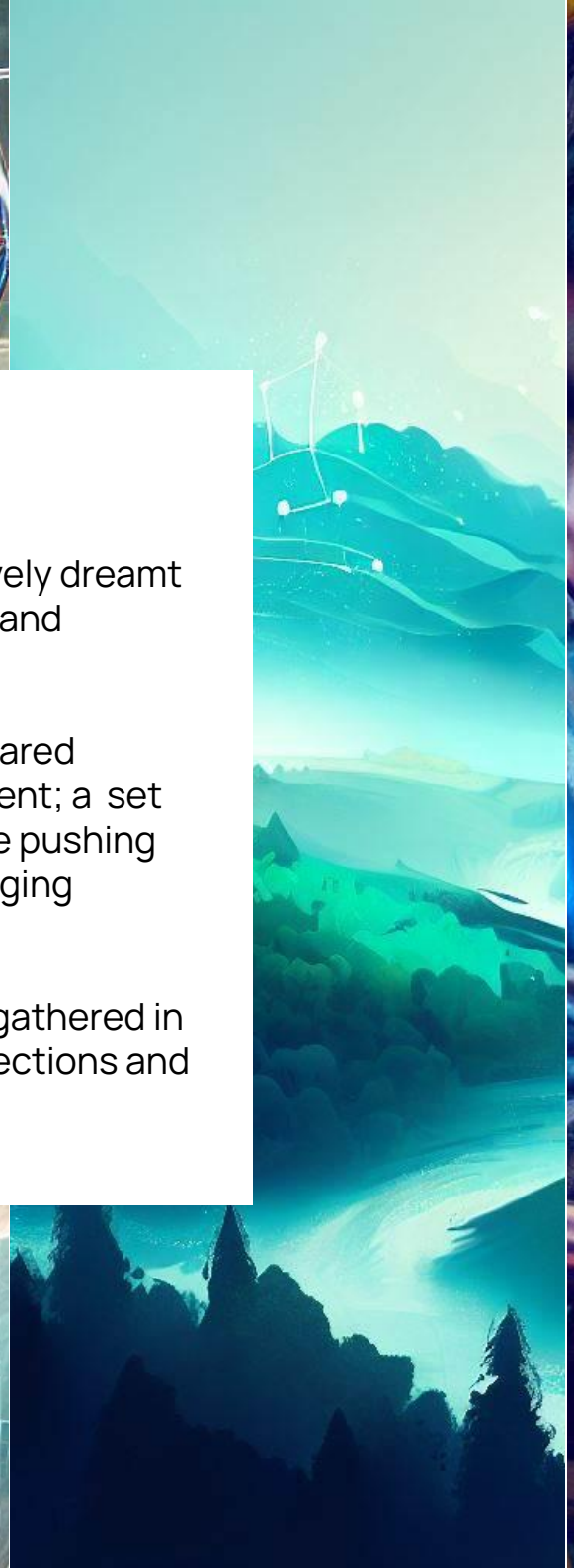
But anyways, the other month, on one of my guided walks, a client told me about this platform on Web3. It would help connect me to like-minded people all doing similar work. I created an account one evening and came across this group called The Visionaries. They have really helped me out...

It turns out I'm really not the only one with this dream. Before I had a chance to express my desires I saw there was already a group of facilitators doing similar work that had started a working group called 'Setting up & resourcing nature connection land project projects'. In this group I shared what was a seed of an idea. I honestly thought it would be impossible.... So I was shocked when one person in the group said they were a land steward; they had inherited land and handed it over to a DAO they had created to use the space for good, helping groups access the space.

Together with the land steward and others in the group we discovered there were many overlapping needs and interests when it came to connecting with the land there. The potential for collaboration was exploding in my brain. I could see us running nature connection festivals, tree planting together, participatory restoration research, paid work helping to restore the land....

We shared the journey with The Visionaries community online, which led to other landowners getting in touch to explore transitioning their land into community ownership models, to other groups of facilitators forming and crowdsourcing funding for their projects.



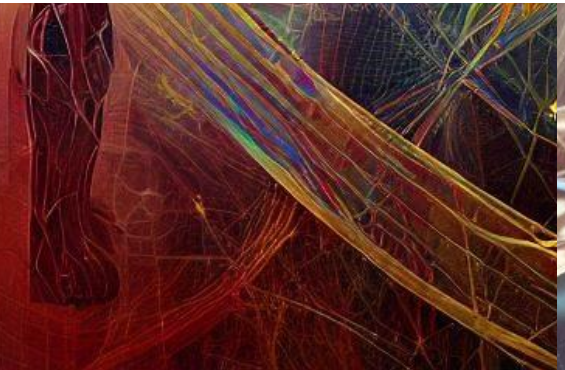



Collective visioning **poetry**

As part of the Web3 visioning process, participants collectively dreamt about what a future that has embraced Web3 technologies and principles might look and feel like.

To inspire the group, Web3 experts, Warren and Madhuri, shared examples of seeds of the future that we can see in the present; a set of case studies in the nonprofit sector and art world that are pushing boundaries and showing what can be done with these emerging technologies. (See appendix for examples)

Then, as part of a longer creative process, the participants gathered in small groups to cocreate a poem from snippets of their reflections and thoughts on the future of Web3.




Human networks of connection, to be seen and heard
Insights shared, communities paired
We're in this together

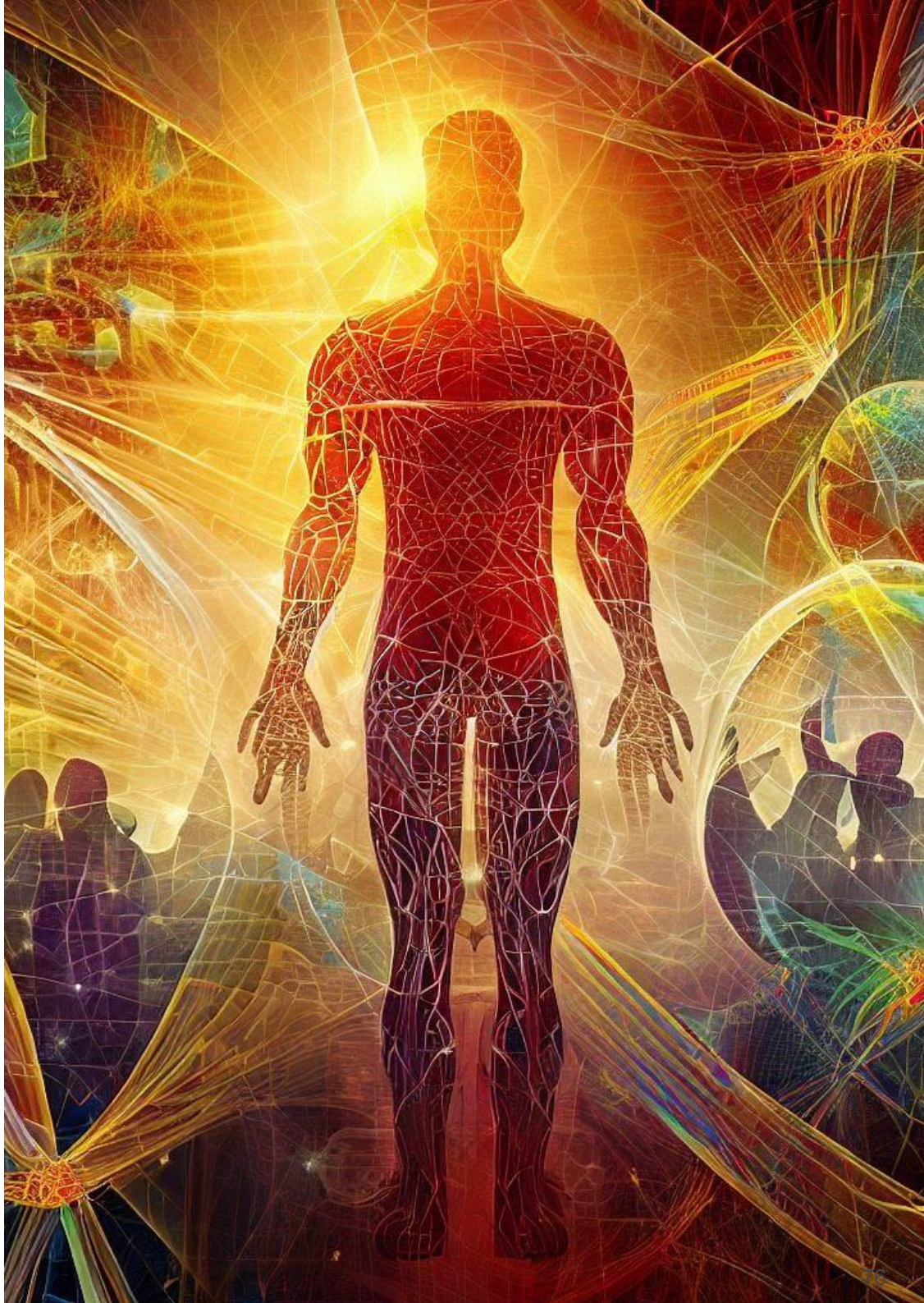
Reduce the state, all be mates
Control the agenda, seeking the truth
Populism out, a politics to connect
Agendas to share, decentralise is best

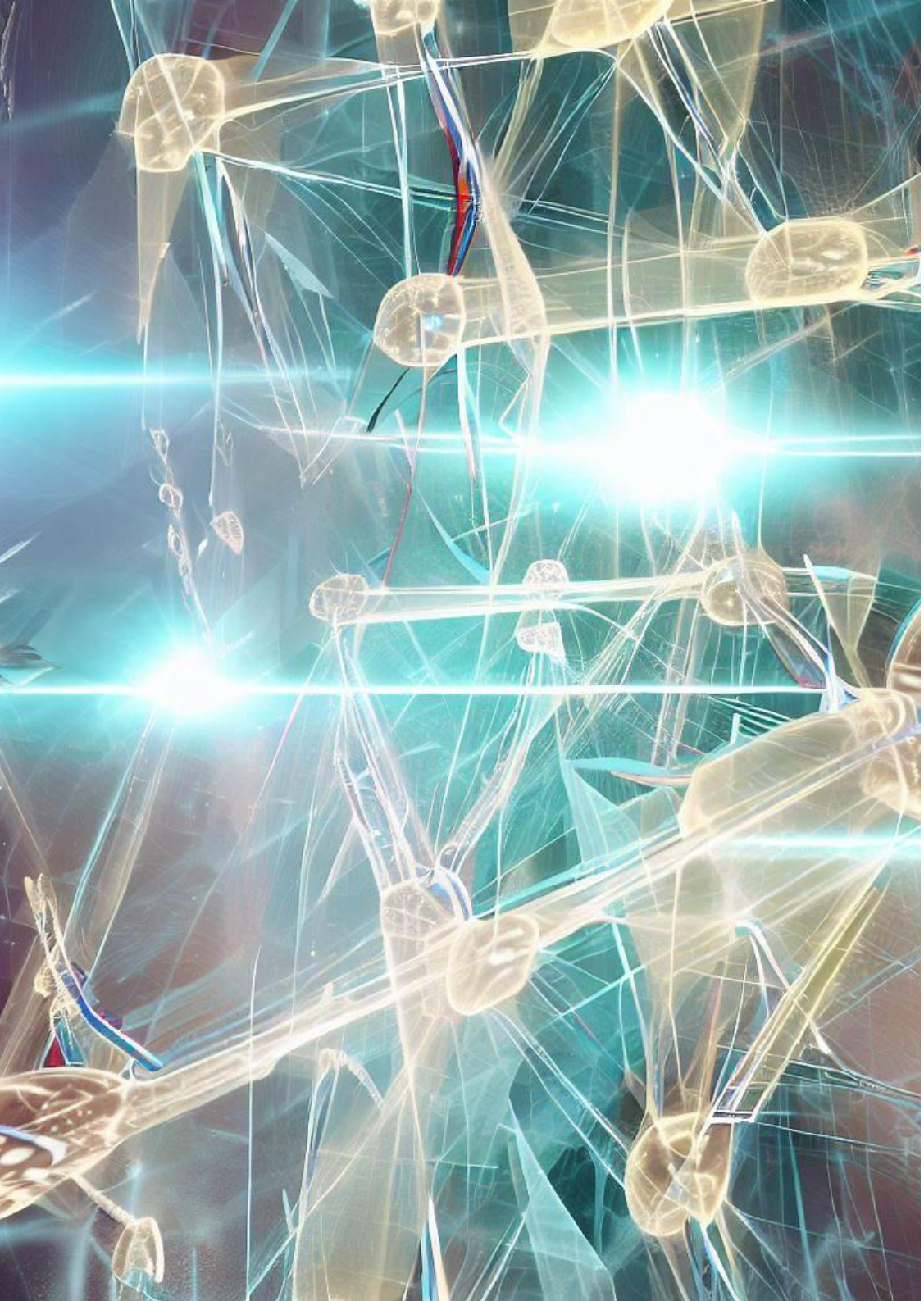
Value creation, for our nations
Finding value in the edges, creating impact not pledges,
A fluid exchange, with resources to contribute.

It's our world to take, our rules we'll make
Past wrongs to right, it is our fight
Let go of power, connections to flower

Power to share, a future to own
Liberation at scale, everyone is involved
The have nots protected, included and supported

Engagement and enjoyment with complete participation!





Web of broken chains, antidote for the pains

Powershift, Lighting switch

Signals, beacons, lighting pathways.

The Light web

Reclaiming balance

Working in alliance

Autonomy within community

Community with autonomy

Increased access

Greater impact & creation

into the hands of people.

Nowhere to hide inside

Voice so choice

Together for a common purpose.

A thirst unquenched,

Coca Cola locked away,

Blockchain pay to play.

But

People understand their own value.

They have control over their digital identity.

We have found tech solutions to bring land back into the commons.

Forests, rivers, oceans and landscapes of all kinds are protected and stewarded by the people.

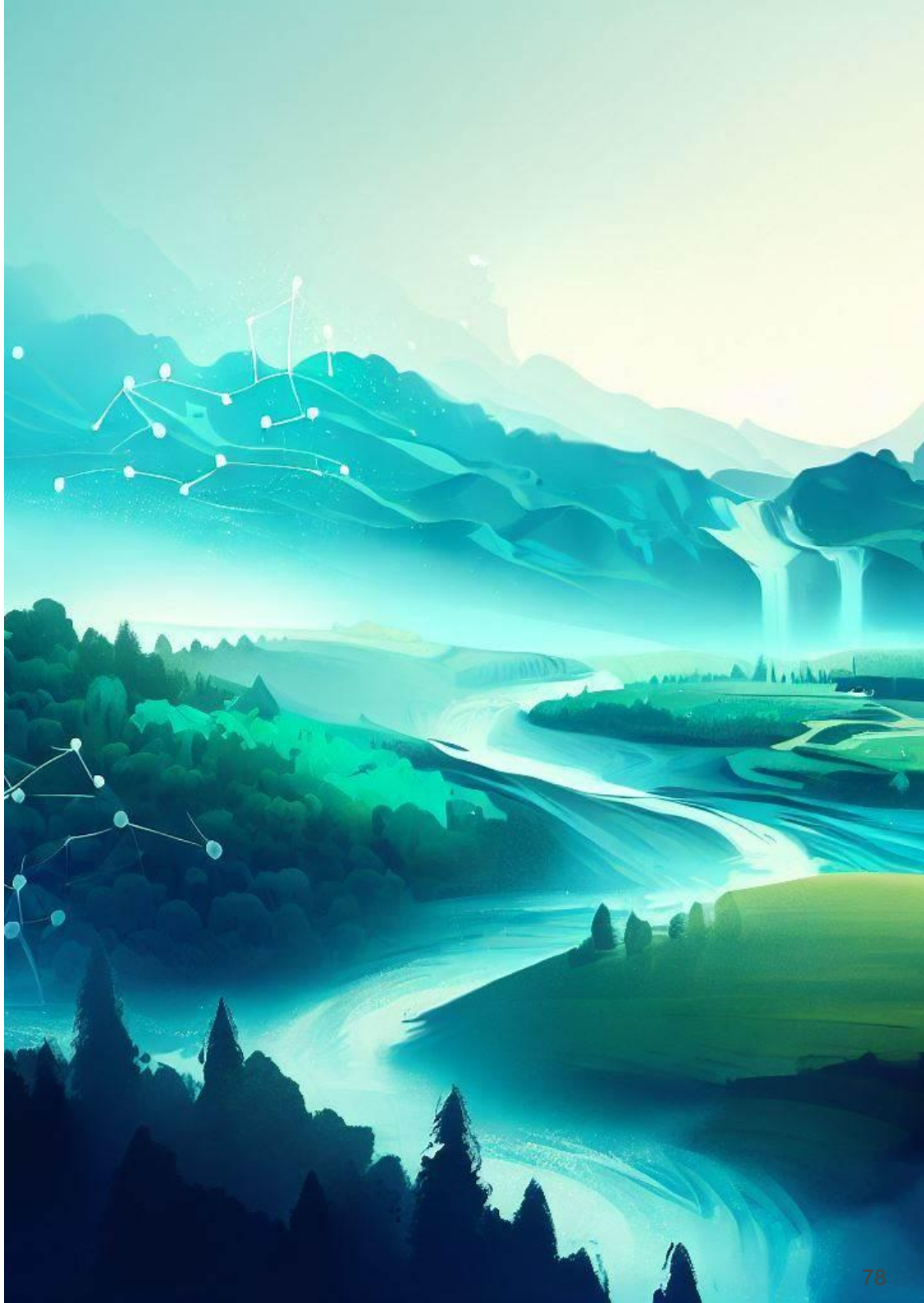
We have been brought to closer relationship with what is most human, what can't be replicated by technology.

Connection. Love. Friendship.

The joy and beauty of the Earth.

We are reminded this is what we live for,

not the paycheck at the end of the month.





Work diminishes as technology enrols

to take the roles

we wish to retreat from

and instead

we are encouraged to live life of creativity, imagination, art,

with nature, in nature

As a force for good

that empowers

a cohesive community

for the betterment of the unity

to share knowledge,

build skills and thrills

and improve each others' lives.

To take full ownership and control of who we are digital, physical and data'd

to share value is generated

acknowledge the Interdependence, our interdependence,

To be democratic and empowering a

tech that entwines us into a world of interconnectivity

And frees us from the past.

A world where

Everyone lives in art.