



BORDERLESS
CHARITY

Borderless: A Governance Platform and Charity for a Global Society

Christopher Franko

chrisjfranko@gmail.com

www.borderless.tech

Abstract

As the planet becomes more interconnected, its dependency on borders diminish and the demand for a frictionless society increases. Traditionally, governments have used borders to isolate their citizens. Eventually this isolation does more harm than good, because borders restrict communication, free trade and travel. This creates a civilization with a single point of failure trapped behind a walled garden.

Also, each individual state has separate laws that govern everything within the realm of basic human rights, e.g., the right to get married, own property, incorporate, etc.— even the right to cross the street and to use cannabis. The fact that each state has its own set of rules is incredibly wasteful. The cost associated with hundreds of states maintaining their own services and enforcing their laws is staggering!

The Borderless Governance platform, as described in this paper, substantially lowers the operational costs required to run a nation state, allowing for a smarter allocation of scarce resources while at the same time introducing competition into the age-old governance monopolies. This software will disrupt the very way we, as a civilization, understand citizenship and what it means to be connected.

History

Blockchain

A blockchain is a decentralized ledger protocol that stores data in a transparent, immutable and auditable way. The blockchain was invented by an anonymous person going by the pseudonym Satoshi Nakamoto. The first implementation of a blockchain was with the cryptocurrency bitcoin in 2009. Since then, many blockchains have emerged, some serving similar goals as bitcoin, while others solve different problems, e.g., voting, loyalty rewards and decentralized applications. At their core, they are all storing data that they don't want changed by anyone.

Smart Contracts

Smart contracts are computer programs that enable, verify or enforce the negotiation or performance of a contract, making a contractual clause unnecessary. Smart contracts usually have a user interface and often emulate the logic of contractual clauses. Proponents of smart contracts claim that many kinds of contractual clauses may thus be made partially or fully self-executing, self-enforcing or both. Smart contracts aim to provide security superior to traditional contract law and to reduce other transaction costs associated with contracting. The phrase "smart contracts" was coined by computer scientist Nick Szabo, in 1993, to emphasize the goal of bringing what he calls the "highly evolved" practices of contract law and related business practices to the design of electronic commerce protocols between strangers on the Internet.

DAO

In 2013, Stan Larimer, the founder of BitShares, discussed the concept of a decentralized anonymous corporation: "Distributed Autonomous Corporations (DACs) run without any human involvement under the control of an incorruptible set of business rules." Vitalik Buterin, a Bitcoin journalist who went on to found Ethereum, cited Larimer's earlier work and used the terminology of "decentralized autonomous organization" (DAO) stating that "we can encode the mission statement into code; that is, create an inviolable contract that generates revenue, pays people to perform some function, and finds hardware for itself to run on, all without any need for top-down human direction?...Bitcoin can be thought of as an early example of exactly such a thing." He proposed the concept that once a company is started, it can run itself, as smart contracts replace people.[3] Buterin and Larimer both described DACs at the Bitcoin conference in Florida in December 2014.

Borderless Tech

Borderless.tech is a coalition of globally accessible governance services forged out of smart contracts that live on the Expanse™ blockchain.

Services

Governance Services for a Borderless Society

- **Borderless Citizenship Id**
 - In a world unrestricted by imaginary lines, a new type of identity emerges. A borderless identity. This identity will serve as the foundation from which all of the other services are built.

Legal Services

- **Borderless Marriage**
 - A marriage, as defined by the marriage smart contract, is a binding relationship between two consenting identities. In order to get married, a user must first submit an engagement proposal to their partner, the partner must accept this, then the two actors have an “engagement” status. At this point, both parties must say “I do” and their status is updated to married. If at anytime before “married” status is achieved the two parties want to split, they can. However, after they become married, the two parties must wait at least 30 days to finalize the marriage.
- **Borderless Notary**
 - Using cryptography you can sign your documents in such a way that validates their existence and authenticity.
- **Borderless Property Registrar**
 - The Registrar feature provides multiple services to register possessions you own on the blockchain, reducing friction when transferring property ownership.
- **Borderless Incorporation**
 - Register your corporation and build its corporate bylaws in transparent, auditable, trustless code rather than legacy ink on paper. The first proof of concept for this functionality is very limited in that it allows an identity to start a corporation and issues shares. It is then up to the identity to enforce the bylaws.

Economic Services.

- Borderless Basic Income
 - The only way to guarantee that a society is truly voluntary is to have one's basic needs met completely. All citizens should have access to housing, nutrition, healthcare, education and protection from aggression.
- Borderless Financial Services
 - In order for a society to be borderless, it needs provide the ability to transact freely and without restriction. The Expanse platform is built to do exactly that.
- Borderless Reputation System
 - A decentralized web of trust system is essential to a borderless society. In order for citizens to transact with confidence, we can incentivize good behaviour and, collectively, unwanted behaviour.
- Borderless Escrow
 - In order to facilitate safe transactions between two parties, Borderless offers escrow services that are tied to the reputation system.

More

- Miscellaneous Smart Contracts
 - Citizens are able to create, deploy and share their own smart contracts with ease using intuitive tools and templates.

Borderless Charity

Borderless Charity™ is designed to provide emerging markets with access to a borderless infrastructure. The Borderless Charity, Inc. is a legal entity that uses voluntary donations from Borderless.tech to provide basic necessities for people in need. The bylaws of this non profit organization have an amendment that allows the people to decide how the charity's funds are distributed.

The Borderless Charity Mission

In order to have a voluntary civilization, all humans need access to life-sustaining resources. If one doesn't have access to these resources, and some other actor controls the resource, then the person who controls the resources implicitly controls the person who needs said resource. When access to life-sustaining resources are restricted, it creates an impediment to a civilization's progress. Civil unrest and war are symptoms of misallocated resources, because those without resources are going to fight to acquire resources while those that have resources are fighting to protect the resources they have. All the negative aspects of society today stem from an illusion of scarcity and from the elite minority controlling the common majority—like puppets on a string—by restricting access to crucial resources. As history has taught us, it is truly impossible to have a voluntary society without ending scarcity and without sharing resources. So if we value freedom, peace and progress, then it is in our best interest to allocate resources more wisely and end artificial scarcity. That is the mission of the Borderless Charity: to incentivize further distribution of the planet's resources and to promote a voluntary society through altruism.

Initiatives

Borderless Charity initiatives are designed to provide or partner with nonprofits to provide access to life sustaining and empowering resources. Each initiative below has a few proposals to consider as we work to accomplish our goals.

Nutrition

Nutrition is the most important resource for human survival. According to the United Nations, about **21,000 people** die every day of starvation or from hunger-related causes. That means approximately one person dies from malnutrition every four seconds. Sadly, it is children who die most often. Every year, people in industrialized countries waste almost as much food as the entire net food production of sub-Saharan Africa (222 million vs. 230 million tons). The amount of food lost and wasted every year is equal to more than half of the world's annual cereal crops (2.3 billion tons in 2009/10).

What can we do to end hunger?

- Procure land and create community gardens/farms where borderless citizens have access to food.
- Incentivize food donations and distribute to those without food.
- Rescue food that is being discarded by farmers for not being “perfect.”
- Promote conscious eating habits.
- Create and distribute educational material.

Housing

The last time a global survey was attempted – by the United Nations in 2005 – an estimated **100 million people** were homeless worldwide. As many as 1.6 billion people didn’t have adequate housing. In America alone. At any given time there are an estimated 600,000 homeless people and about **3.6 million** vacant homes. In the UK, those numbers are worse. Vacant homes outnumber homeless UK citizens 10:1. It’s obvious that the basic laws of economics are being grossly manipulated for the benefit of the few—artificial scarcity at its most apparent.

What we can do to end homelessness?

- Create open source modular floor plans for houses.
- Procure land and build modular houses on it.
- Buy foreclosed homes.
- Rally against predatory lenders.
- Help draft policy that will stop the endless price-fixing.
- Bring awareness to the artificial scarcity.

Education

The key to empowerment is education. Illiteracy holds back over **785 million adults** globally, translating into one in every five people on earth with either little or no basic reading skills. Two-thirds of the illiterate people are female. The falling global literacy rate has disastrous effects on communities all over the world.

What can we do to improve literacy?

- Create an opensource infrastructure for learning.
 - Open source school platforms, similar to blackboard or khan academy.
 - Open source textbooks.
- Use this infrastructure to lower costs.
- Build schools in areas of need.

- Subsidize school materials.
- Procure “outdated” computers to refurbish and run the school software.

Healthcare

Every year, more than 13 million children under the age of 5 die from illnesses that could have been avoided or treated successfully. Infectious diseases are most frequent in children suffering from malnutrition and/or having no access to drinking water, because without adequate nutrition the body can’t naturally fight off the sickness causing microbes. Sub-Saharan Africa and South Asia are the most affected by this problem. In these regions, five countries (India, Nigeria, Democratic Republic of Congo, Pakistan and Ethiopia) account for over one-half of childhood deaths worldwide. This represents over 6 million child deaths. In today's world, that number is absolutely shameful.

What can we do to help prevent sickness-related deaths?

- Attack the problem at its root. Help provide access to life sustaining resources as stated in the very first initiative of this paper.
- Provide access to antibiotics.
- Provide access to healthcare professionals.
- Provide educational material to emerging markets.
- Incentivize becoming a healthcare provider.

Honest Financial Services

Roughly 2.5 billion adults in the world don’t use formal banks or semiformal microfinance institutions to save or borrow money. Nearly 2.2 billion of these unserved adults live in Africa, Asia, Latin America and the Middle East. Without the proper financial infrastructure in place, it’s nearly impossible for these people to compete in the markets of today, which often leads to their exploitation.

What can we do to help the unbanked?

- Cryptocurrency has enabled the ability for one to be their own bank!
- Borderless Credit Unions will allow for p2p microlending to reach emerging markets.

Funding

Each borderless governance service will have a completely voluntary donation associated with the service. Donations are optional, because everyone should have access to these services regardless of economic standing. In order to incentivize the donation for services, those who donate will earn “amity.”

Amity

Amity is a special attribute citizens can earn by donating to the Borderless Charity. The more Amity a citizen has, the greater influence that citizen has over the distribution of the charity's funding.

Distribution

The fees collected from the services will be pooled into a Charity DAO where Borderless Citizens will be able to directly vote on how these fees get spent. Users who have paid for their services will have a greater say in how the funds are distributed.

The DAO will use a curator/contractor model. Curators are like board members who whitelist contractors. Contractors are actors looking to provide a service for the DAO.

Conclusion

By abstracting governance services away from governments, we can lower the cost for governments to run. This frees up vital resources governments can use to better serve the people they govern. As Prometheus liberated mankind by giving them fire, so too will Borderless Technology liberate mankind by creating frictionless citizenship.

Further Reading

- Satoshi Nakamoto (2008). "Bitcoin: A Peer-to-Peer Electronic Cash System" (PDF). Bitcoin.org. 31 October 2008.
- Nick Szabo. "Formalizing and Securing Relationships on Public Networks". First Monday.
- Nick Szabo (2005). "Secure Property Titles with Owner Authority". January 12, 2014.
- [Franko: A Decentralized Autonomous Corporation built for 500 years](#) January 30th, 2013.
- "Ethereum: A Next-Generation Generalized Smart Contract and Decentralized Application Platform." 12 January 2014.
- [Expanse: A Ternary Division DAO](#)
- <https://www.homelessworldcup.org/homelessness-statistics/>
- <http://www.poverty.com/>
- <http://www.speakingbooks.com/impact/overview.html>
- http://www.unicef.org/rightsite/sowc/pdfs/SOWC_Spec%20Ed_CRC_Main%20Report_EN_090409.pdf