White Paper

TribeToken (TRIBE) – A decentralized charity platform based on Ethereum's Blockchain for funding charity projects by using Tokens.

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1. Introduction

Today's biggest problems that everyone is facing are the water shortages in still developing countries, land and air pollution in China, food shortages and the lack of tools for further development in many Middle Eastern countries including Syria and Iraq.

The solution to these is very simple - create a decentralized network of charities which help the people who suffer from these problems by using decentralized Tokens which can be bought with any official currency, are accessible and buyable by anyone who has an Internet connection and a modern device capable of using Internet.

Ethereum Tokens are digital assets that are being built on top of the Ethereum Blockchain instead of having its own Blockchain, this way the Tokens will benefit from using Ethereum's Blockchain and already deployed infrastructure instead of the developers needing to develop everything themselves from scratch, which could prove to be inefficient.

Tokens also strengthen Ethereum's infrastructure and economy by driving the demand of Ether, the native currency of Ethereum, that powers smart contracts by which Tokens are created and linked to Ethereum.

1.1. What is TribeToken?

TribeToken is a decentralized digital charity token that is based on Ethereum's Blockchain for funding charity projects that help the society, nature, wildlife using Tokens. TribeToken allows anyone, at any time, from any modern device, from any place in the world that has an Internet connection to contribute in charity or to create a charity project with minimal fees, Inflation-proof and fully decentralized, without any authority controlling the Tokens. TribeToken uses Ethereum's Blockchain to achieve almost instant transactions between charity projects.

Our goal is to create a global currency for charity projects and to help people who need help in any place in the world, to create a decentralized Token so anyone could acquire TribeToken without limitations in different countries and to create a decentralized network of projects which are stored on the Ethereum's Blockchain and can be controlled by a decentralized voting system.

2. Definition of Charity

Charity - an organization set up to provide help and raise money for those in need, the voluntary giving of help, typically in the form of money, to those in need, a set of people who raise money to give those who need it to develop infrastructure, stop diseases, improve living conditions. Participants in a charity, regardless of the donated sum, are called donors, and the popular belief is that participation doesn't require large sums – which is true, but as any donation, the sum is big for those who are in need of help.

2.1. Definition of Decentralization

Decentralization means to distribute the administrative powers and/or functions away from a one point of regulation over to multiple ones.
For Tokens this applies as freedom from any controlling entity such as a government or a banking institution as the control passes over to you and everyone using the Token.

2.2. How Charity Helps People

When people think about other developing countries, they don't think that we, as individuals, can help that much, but actually the truth is that every single donation can make a huge difference.
A small sum of 34 dollars can supply enough fresh water for a week to a person, if enough people donated then fresh water could become abundant in rural or poor regions.

3. Benefits for Economy

By donating to people who are in need of your help you are also benefiting the economy, that is because the people who receive your donation can now focus on improving their lives which can lead to them having a stable job, and thus by having a stable job they can contribute more to the society due to the increase of their spending power, this will benefit the country's economy.

The benefits of economy may seem small in very wealthy countries like the US and the UK, but in developing countries like Libya and India the increase in economy is a huge benefit.

3.1. Benefits in Infrastructure

Charity projects help people in developing countries to build hospitals, schools, universities, police stations, fire departments, better transport, roads, airports and many more things.

- Schools and universities help people expand their knowledge which also leads to better infrastructure.

- Police stations will help to stop theft, murder, cyber-crime which will make the country more stable.

- Fire departments will help prevent accidental and fires which would destroy any resources.

- Better transport, roads and airports will lead to more tourists and better communication with other people.

4. Our help in charity

By creating TribeToken we want to set up a platform for charity projects to be crowdfunded by donations from people around the globe, the funds would be transferred in the way of Tokens from the donor to the charity, nearly instantly.

Due to the nature of Tokens being decentralized, thus regulated by everyone, this would give more transparency, compared to more traditional ways of donating, to how much of the actual funds end up to the charity.

By also having a feedback system, the charity can show as on how the received funds were used, along with a selection of media posts that describe their progress and events, the donors will be able to see exactly what was achieved by the charity project.

4.1. Contributions on TribeToken's charity platform

On the TribeToken platform you can donate to charities and create your own charity. Registered charity organizations will receive a verified tag on the platform. There will be a minimum fee in place just to cover our transaction costs. There will also be a feedback system in place to ensure that no one will abuse the platform.

Charity creators can post their progress on their sub-blog which will be included when they create a charity based on our platform. Also they can upload media and reply to people that have questions about their charity.

Donors can rate the charities and donate TribeToken to any charity (even unverified) that they wish, even just by transferring TribeToken from an exchange to the platform's web wallet.

5. ICO goal

Our goal is to raise funds by holding an ICO that will enable us to create a charity platform based on a decentralized Token.

5.1. ICO specifications

ICO starting date: **24th July on 12:00 UTC**
ICO ending date: **14th August on 12:00 UTC**
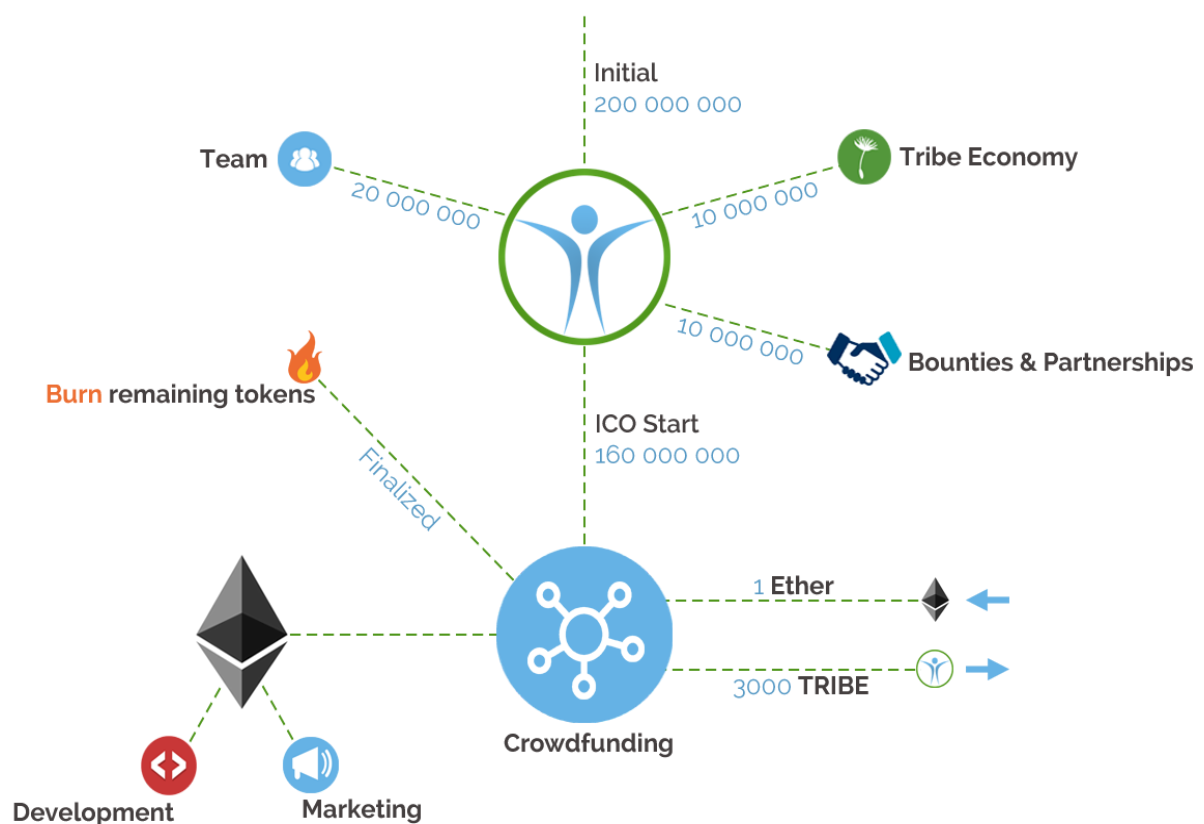TribeTokens created: **200 000 000 TRIBE**

- **20 000 000 TRIBE** - Team
- **10 000 000 TRIBE** - Tribe Economy
- **10 000 000 TRIBE** - Bounties and partnerships
- **160 000 000 TRIBE** - ICO *remaining will be burned*

Maximum goal: **50 000 ETH**
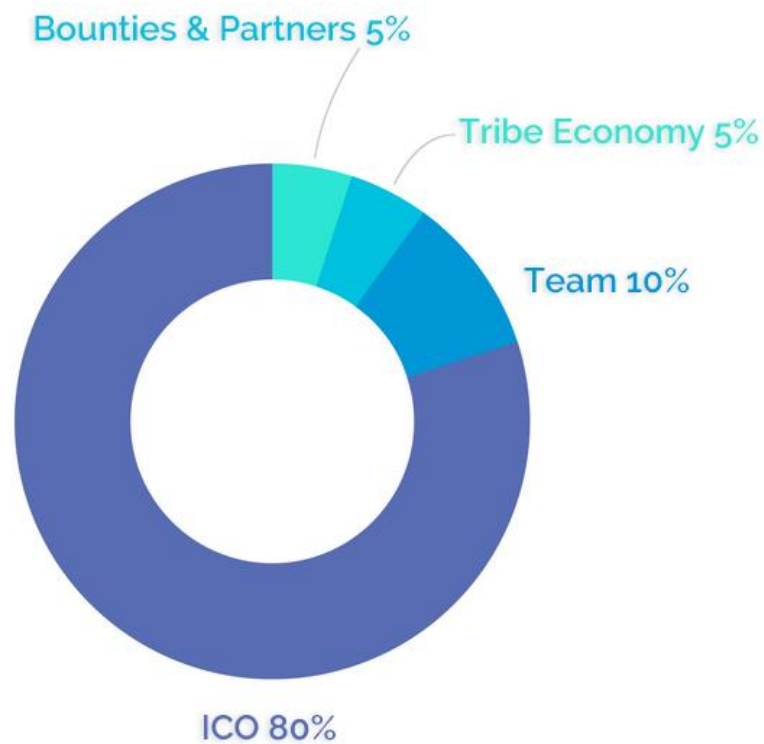Token exchange rate: **3000 TRIBE = 1 ETH**
Minimum transaction amount: **300 TRIBE = 0.1 ETH**

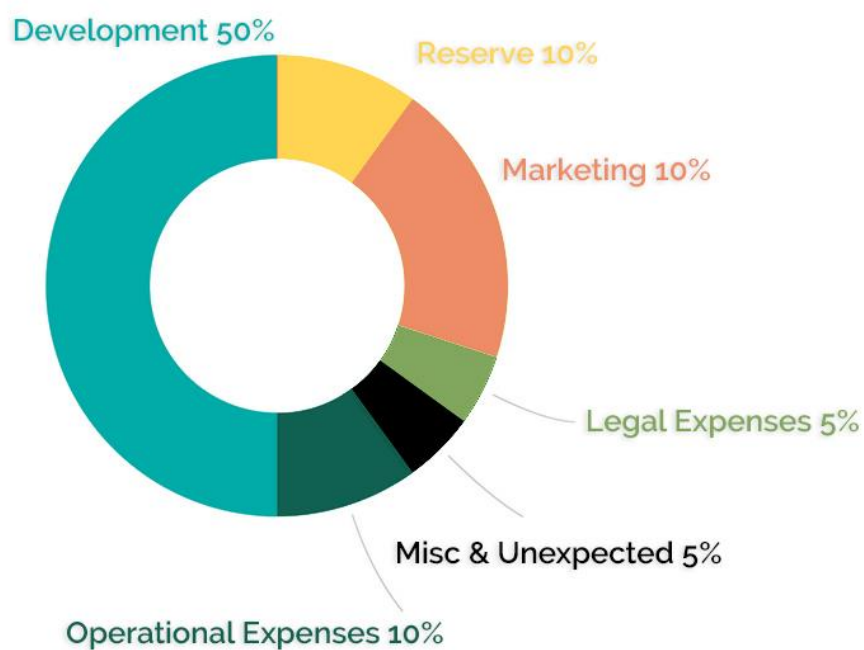*20% bonus tokens for the first 7 days off the ICO.*

5.2. ICO allocation structure

TOKEN DISTRIBUTION

Bounties & Partners 5%

Tribe Economy 5%

Team 10%

ICO 80%

USE OF PROCEEDS

Development 50%

Reserve 10%

Marketing 10%

Legal Expenses 5%

Misc & Unexpected 5%

Operational Expenses 10%

6. Roadmap

Tribe One

For our first release, we are aiming to bring out the decentralized charity platform where you can donate to charity projects and create them using TribeToken.

Tribe Two

In our second release, we want to focus on mobile app usage off the platform. By creating a decentralized web application that enables you to use the platform on any device available with decentralization!

Tribe Three

In the third release, we want to activate the Tribe Economy. Our team will be heading to undeveloped countries to create a local economy by using TribeTokens and we will keep updating the platform with new features.

When we start developing we will release a public roadmap to show what we are currently working on in real-time.

7. Tribe Platform

The platform itself is a way to use TRIBE tokens to donate to a variety of charity projects that are created by users for specific purposes, for example raising funds to provide clean water to people that are in need of. Once the donation period is over, the existing amount will be either completed by us (if possible) as TribeToken.org or we will contact the appropriate charity organizations that are capable of accomplishing the end goal of the project on the platform.

The platform will also have a special section for approved charity organizations in which users can donate tokens directly, in this case the tokens will be directly transferred to the charity of your choice.

Additional functionality of the platform will include: rating the charity project and leaving reviews, ratings and reviews will be displayed on project creator's profile and generate an overall rating from all the projects he has created, ratings will also be categorized into two different sections - the "Public" section, which will have the overall rating of unregistered/anonymous users on the platform and "Private" sections, which will have the registered users of the platform.
A chat system will be included to contact the creator of the project and others, if the creator will be offline he will be notified via email and/or the phone app that there is a new message waiting for him.

7.1. How does the Tribe Platform work?

The platform works in two parts - the main platform that can be accessed via a web interface or an application on your Android or iOS phone and a smart contract part where you will be able to transfer the tokens to specific project or charity.

While the charity organization part is fairly straightforward as the Platform's Smart Contract, or PSC for short, will directly transfer the funds it receives from you to the charity you wanted. For a charity organization to be included they will have to pass through a review to be certain if the charity project is an actual organization.

The PSC Charity Project part, which includes a donation period, will hold the tokens you send to the project of your choice, until the donation period is over, then it will notify us of the period being over and we can disburse the tokens/funds to the appropriate places.

Both of the above will require you to have a special code that the smart contract will ask you to provide, so that the tokens are categorized appropriately or moved to the corresponding organization. While to donate the tokens to a project or an organization will not require you to register on the platform, actions like commenting, reviewing and other functionality will be locked behind registration as well as creating projects. We are currently not planning to completely allow anonymous projects, however this might be allowed in the future.

7.2. Tribe Platform Usage & Benefits

Apart from the platform being streamlined to be as efficient as possible and being anonymous during the donations, using the platform and subsequently using TribeToken can provide you with some benefits.

Creating a project on the platform with an initial deposit of TribeTokens will earn you a certain percentage, based on that deposit up to a certain point. You will get your initial deposit back if you achieve the minimum goal which can be set by you, but the absolute minimum is determined by the amount that you have deposited. Creating a project doesn't require you to have an initial deposit, but there will be no earnings for the creator.

Do note that if a project doesn't reach the minimum funding goal, then the initial deposit is consumed and is used for the project. If the total funding, along with the initial deposit of the project is too low, then the tokens are held to be merged with another similar project.

7.3. The Platform Backend

The main platform is web based and as of writing, is in the Pre-Alpha stage, it mostly uses PHP 7. No framework is currently used, but there are plans on moving the platform to be based on "Symfony Framework".

The automation is currently handled with "CRON jobs" on the server side to periodically check the contract for new transactions and to categorize them appropriately on the platform's database. The database is "MariaDB", because it provides better security and more frequent updates than the parent version of it, namely "MySQL DB".
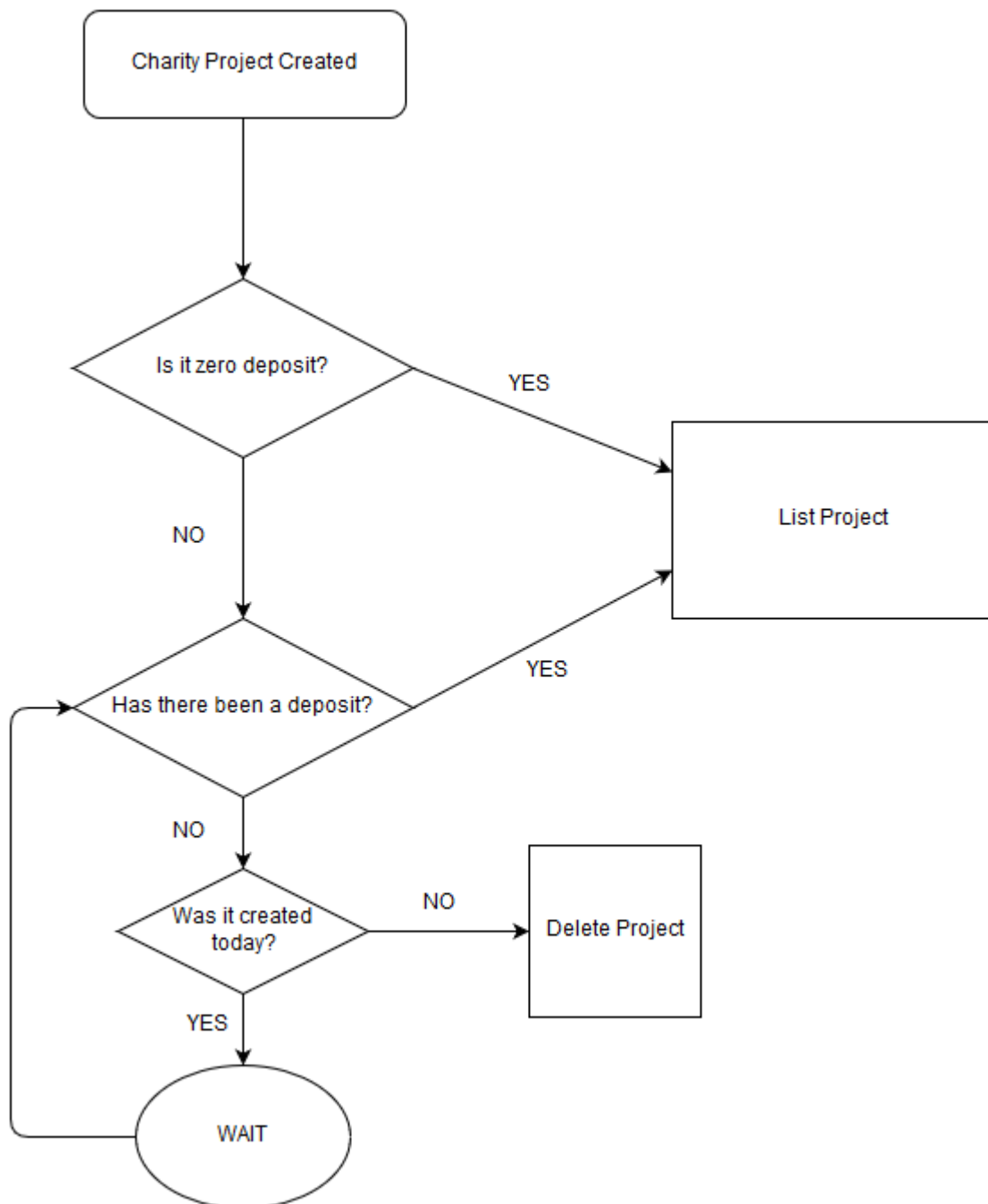
More dynamic functionality such as the platform's chat uses JavaScript/JQuery.

There are currently no phone versions, these are planned for the Beta stage of the development and will be developed to have all the functionality as the web platform.
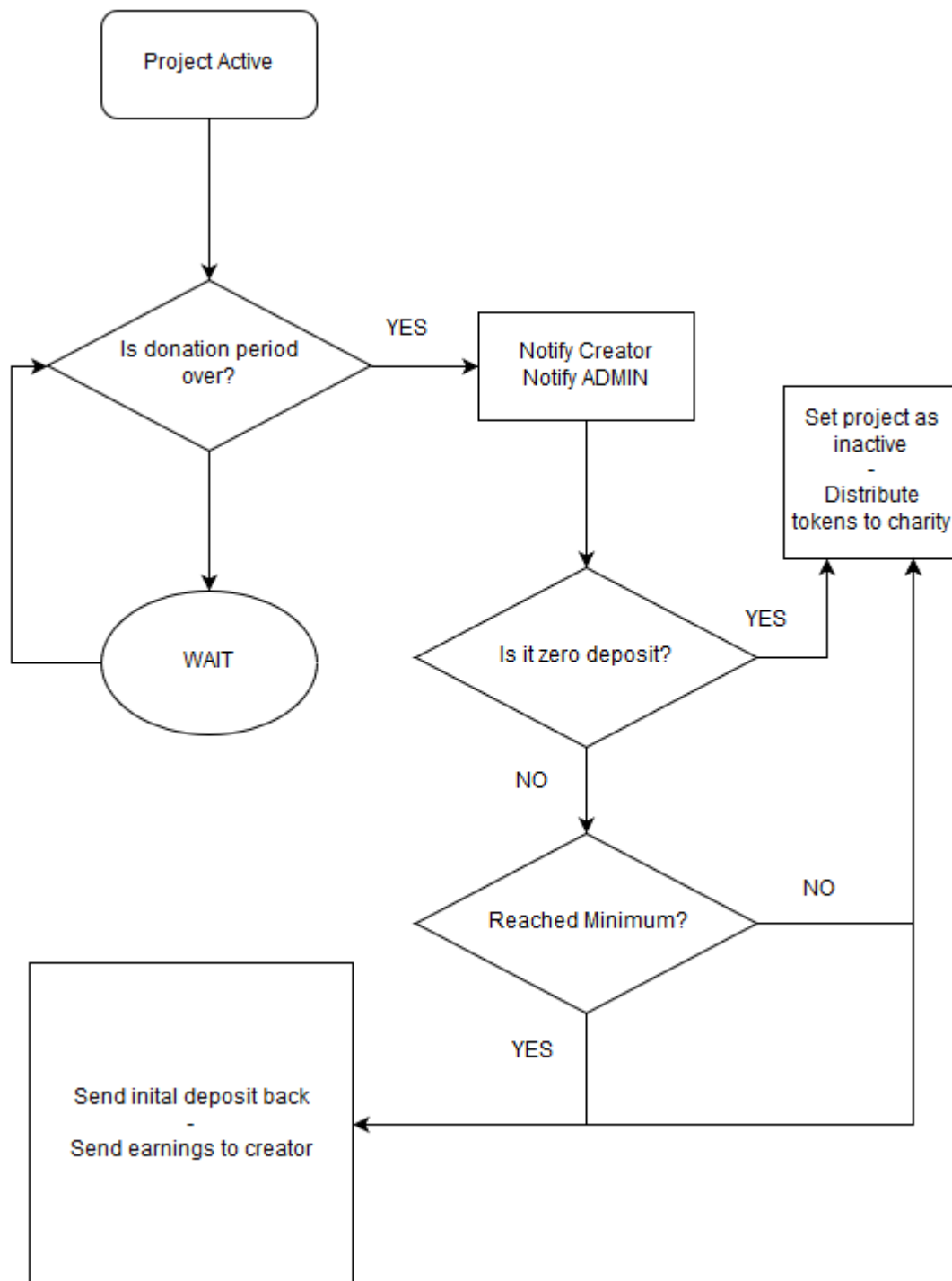
The platform's smart contract is written in solidity and the source code for the contract and the platform will be available for review on our GitHub.

8. Platform Flow Charts

8.1. Charity Project Creation Flow Chart
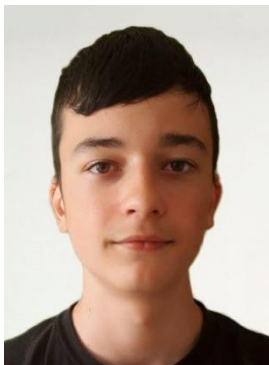
8.2. Charity Project End Flow Chart

9. Team

Roy Brand - lives in The Netherlands, is currently 27 years old, experienced in web concepts since 2011 and a Blockchain enthusiast.

Roy Brand
Founder – Concept Designer

Currently lives in Greece, is currently 26 years old, founder & CEO of Outerflow LLC, studied at Derby University on Computer Science, has been a designer & developer for 10 years

Alexander Kozhukhov
Founder – Senior Developer

Laurynas - lives in Lithuania, is currently 16 years old, an experienced Blockchain enthusiast, Ruby coder, C++ enthusiast.

Laurynas Čekanavičius
Founder – Developer