



CRYPTO LENDING PROJECT

DECENTRALIZED PEER TO PEER LENDING PLATFORM

The Next Financial Generation

WHITE PAPER

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1. Executive Summary

Crypto P2P Lending is a platform designed for its member to provide direct lending and borrowing between members to leverage the block chain technology. Member can borrow money without presenting collaterals and innovative algorithms are adopted together with information from major financial institutes to score the borrower credit status. The credit rating system is done by Artificial intelligent processes and is completely automated and allow member status to be updated automatically, timely and accurately. Crypto P2P Lending is specially designed to leverage the blockchain technology so that the entire lending process is transparent to the investor.

2. P2P Lending

2.1 What is P2P Lending

P2P lending is a method of “direct financing” that enables individuals to borrow and lend money without going through an official financial institution. This process, like many other P2P processes, removes the middleman and connect borrowers to investors faster and cheaper than a bank.

P2P lending has grown rapidly since 2010. One reason is the interest rates at all-times low since 2008 and many historically “safe” investments like government bonds are carrying negative yields. Also compared to traditional investment tools such as stock, bonds and it is more stable and less volatile but with higher returns.

2.2 P2P Lending Problem

As P2P lending momentum is consistently gaining momentum, it is important that we know the common pitfalls associated with it.

2.2.1 Not all people invest

This is a general phenomenon for investment options and not particular related to P2P lending. There are many reasons behind it including “I don’t understand how to do it”, “It’s too hard”, “I am scared I will lose my money”, “I am too young or too old”, “I don’t earn enough money”, etc. Most of the questions can only be addressed by information or proper training.



2.2.2 Not all countries or states within a country allow P2P Lending

Notwithstanding that P2P lending is generally accepted in most of countries, there are still some exception. In USA due to differing state regulation, P2P loans are not country-wide available. States like Iowa, New Mexico, North Carolina or Pennsylvania have tighter restrictions and P2P loan is very unlikely available there. In Brazil, due to the lack of good credit scenarios, risk is general high. It is not possible to operate a P2P lending business like a private commerce business but instead need to act as a correspondent bank in which defeats the meaning of the P2P lending.

2.2.3 Unable to make money transfer

You might find a good P2P lending company offering higher potential yield. To open an account could be easy but to deposit money into the account or withdraw money from the account could be difficult.

2.2.4 Handling fee could be high

Should you be operating a P2P lending account with primary currency different from your bank currency or the account is outside of your resident country, you could face the problem of high handling fees in international bank transfer or high exchange rates charged by the credit card company.

2.2.5 P2P Lending company uses investor's money with no or little information

In some case, the P2P lending company will aggregate investor's money for a big amount loan case. In such case, judgement of the case is completely done by the P2P lending company and little or no information is provided to the lender.



3. Crypto P2P Lending

3.1 What is Crypto P2P Lending

Crypto P2P Lending is a Decentralized P2P Lending platform. It is designed to overcome the outstanding issues of P2P Lending. A peer lending platform that uses advanced blockchain technology, A.I. and Cryptocurrency.

With Crypto P2P Lending, lenders will no longer have to worry about the proper usage of their money. It is sent to a Ethereum Smart contract, and is only provided to borrowers who are satisfied the terms of the loan policy. Anyone including the company could not change that.

It is designed to enable its members to leverage the blockchain technology to not only secure the loan transaction but to make the process easier, faster and transparent to both lender and borrower.

Member of Crypto P2P Lending can borrow money at the platform for personal reasons or business purposes anywhere in the world. Approval of the application will be based up on the applicant's credit score and no collateral is required from the borrower.

To make the credit score more accurate and updated, the platform will also make use of data from major financial institutes such as credit card companies and insurance companies. Using the consensus and A.I. technology to objectively evaluate and accurately the borrower's credit at the same time.

If you are the borrower: You will have the unlimited access to the financial resources with low interest thanks to the elimination of intermediacy managed by a decentralized model.

You are the lender: You are always assured that your money is being used properly, transparent, and secure the value of financial thanks to using Blockchain technology, smart contracts and cryptocurrency.



4. How It Works

4.1 How it works

4.1.1 Blockchain

Blockchain is a type of distributed ledger or decentralized database that keeps records of digital transactions. Rather than having a central administrator like a traditional database, like banks, governments & accountants, a distributed ledger has a network of replicated databases, synchronized via the Internet and visible to anyone within the network. Blockchain networks can be private with restricted membership similar to an intranet, or public, like the Internet, accessible to any person in the world.

When a digital transaction is carried out, it is grouped together in a cryptographically protected block with other transactions that have occurred in the last period and sent out to the entire network. Miners (members in the network with high levels of computing power) then compete to validate the transactions by solving complex coded problems. The first miner to solve the problems and validate the block receives a reward.

The validated block of transactions is then timestamped and added to a chain in a linear, chronological order. New blocks of validated transactions are linked to older blocks, making a chain of blocks that show every transaction made in the history of that blockchain. The entire chain is continually updated so that every ledger in the network is the same, giving each member the ability to prove who owns what at any given time.

The important feature of Blockchain is no change and deletion. It allows to ensure the database; transaction history cannot be changed or fraud cannot happen. All transactions of borrowers and lenders will be encrypted and put into the blockchain. All data is updated and synchronized to all computers in the peer network.



One of key applications of the blockchain which we are applying in this project is a break down a borrowers' loan so that they are provided by many lenders. This factor allows the maximum reduction of loan risks. With the usual transaction processing model, it is not possible due to huge transactions has to be done. But thanks to blockchain technology, the above problem is solved easily. This is how we break down a loan in this project:

A \$1,000 loan shall be provided by 1,000 lenders. Each lender gives \$1 to borrower. This way reduces the lender's risks dramatically.

It will generate 1,000 transactions which normally makes the rate of lending and the cost of implementation very big when using usual transaction. However, using the hash algorithm of blockchain technology, things will be solved quickly with far lower cost than normal.

4.1.2 Smart Contracts

Ethereum is an open blockchain that works as a decentralized computer. It allows the execution of smart contracts.

Smart contracts help you exchange money, property, shares, or anything of value in a transparent, conflict-free way while avoiding the service fees of a middleman. The best way to describe smart contracts is to compare the technology to a vending machine. Ordinarily, you would go to a lawyer or a notary, pay them, and wait while you get the document. With smart contracts, you simply drop an Ether into the vending machine (i.e. ledger), and your escrow, driver's license, or whatever drops into your account. More so, smart contracts not only define the rules and penalties around an agreement in the same way that a traditional contract does, but also automatically enforce those obligations.

One of the biggest concern of lenders is that they do not know if their money is being used properly. The phenomenon of peer lending companies using lenders' money in wrong purpose has become a big deal, as lenders are forced to put their trust in those companies. And of course, there is much faith not put in place. It is really a big risk for lenders.

We have proposed the solutions by implementing the smart contract application of Ethereum, a smart solution that most of Ethereum's partners are using for ICO. Similar to ICO, we have another purpose in Crypto Lending project. We program



smart contract to ensure lenders' money is used properly. When the lender deposit an amount for a loan purpose to earn an interest. This amount of money shall be converted to cryptocurrency (Ethereum, CLP coin) and sent to smart contracts which is locked until receiving a loan request from a satisfied borrower as per programming. Smart contract will automatically transfer this loan to the borrower. The lender will know exactly whether their money is used properly and no any third parties can change it.

4.1.3 A.I – Artificial Intelligence and Machine Learning

A.I is a technology that is growing fast worldwide. With the serious investment of many corporations, A.I has made breakthrough developments. And in the future, A.I will be a big in every profession in society.

A.I is applied in Crypto Lending as an additional complement to the borrower's credit score. Typically, a peer-to-peer company or bank will rely on data extracted from various sources. That data is aggregated on the user's credit score software. Based on the information provided by the lender on his loan application, it will check on the data source and a decision is made; Yes or No.

In normal cases until now the assessment of the credit score of the borrower is missing many cases. And it cannot be guaranteed that a qualified borrower has fulfilled his or her obligation to repay in the future.

We apply A.I. and Machine Learning into the borrower's credit rating model to ensure accuracy and avoid missing out on potential information.

Any machine learning instrument must be trained. Whether it is applied in the field of enhanced virtual reality, a self-driving car etc. So, to make Machine Learning smarter, we need a huge amount of data. And we believe that the creation of such a large database must use crowd resources and blockchain.

At present, large corporations like Facebook and Google have built databases on a huge scale. However, it is in centralized control of Facebook and Google.

With the development of the Decentralized model, we firmly believe that every database belongs to the community. Use and distribution of access should only be decided by the community. There is no need for anyone's approval. Anyone who owns CLPCoin can access and use it.



4.1.4 CLPCoin

CLPcoins are a digital representation of a participation entry ticket for our crowdfunding site. They are divisible and the smallest unit is 0.00000001 CLPcoin. CLPcoins are minted via a Token Sale Smart Contract and can be held in any Ethereum ERC20 compatible Wallet. CLPcoins will be tradable outside the CLP P2P Lending platform, as they are ERC20 Tokens so they will have an inherent value in the exchanges.

4.1.5 Flow

1. Member registers in the CLP P2P Lending Platform. The member can be lender and borrower at the same time.
2. Being a borrower, member creates a borrow entry in P2P Lending Platform;
3. CLP P2P Lending Platform creates a CLP contract which is a smart contract;
4. Member acting as lender can pay with CLPcoin to acquire the contract fully or partially.

4.2 Token Distribution

The launch of CLPcoin is organized around smart contract based on Ethereum. A total fixed supply of 150,000,000 CLPcoins will exist.

Percentage	Expected Allocation
58%	Crowd sale and bonus
26%	Buy Data and vote
16%	Company/Dev team
100%	Total



4.2.1 58%: Crowdsale:

58% of CLP coin will be offered for sale and rewarded in crowdsale period. It is expected to last up to 2 years until 58% of CLPcoin is distributed.

4.2.2 26% of CLPcoin are used to buy data and reward for data-mining

In addition to purchasing partner's data, we built the concept of CLP coin mining through our mining application. You can mine CLPcoin by providing data on the borrower's Credit Score on the application to receive CLPcoin bonus.

26% CLIP will be issued according to the following principles

- 25% are locked in 12 months
- 25% are locked in 24 months
- 25% are locked in 36 months
- 25% are locked in 48 months

4.2.3 16% of CLPcoin are used for research and development.

16% of CLPcoin will be issued according to the following principles.

- 25% are locked in 12 months
- 25% are locked in 24 months
- 25% are locked in 36 months
- 25% are locked in 48 months

This is a strong commitment to the long-term development of CLP coin



5. The Team

5.1 Company registration information

Hamad Bin Abdulla Rd - Fujairah - UAE

5.2 Team

CLP Lending project team consists member from experience and talent technology and networking industries.



CEO

Carsten Berner

More than 30 years of broad and extensive business experience in key positions in major international companies. He is also founder of several successful companies. The last 2 years Carsten has spent in the crypto- and blockchain business and is fascinated by the potentials blockchains will have all over the world.



CTO

Allan Man

More than 30 years in IT industry specialized in network security and identity management in hotel environment and government sector. He started bitcoin mining in 2013 and since has been involved in blockchain development.



Executive and Legal Advisor **Kristian Brandt**

Industry leader with proven ability to start-up and manage rapid sales growth while maintaining a full focus on all areas of public relations.

- First class negotiation skills, committed to developing win-win partnerships with Key customers, direct sales channels, on-line marketing, franchisees and Service providers.
 - Substantial track record of introducing profitable business from SME, Corp. and Wholesale market segments.
 - Creative and innovative with first class commercial skills.
 - Extensive International Business Network within the Crypto world
 - Very strong analytical skills with associated problem-solving ability
-

Development team:

1. Executive FIN-tech and strategical advisor

Jorgen A. Hedegreen



General Director BANCORE VIETNAM Co., Ltd
Director BANCORE ASIA PTE Ltd
Advisor for www.coinify.com entry in SEAasia.

I'm passionate about establishing and executing larger international partnerships at the top management level.

Examples of my experience within the IT, ISP, Mobile operators, MVNO and online payment industry:



- Board member
- Top management consultant
- Recruiting and replacement of key personnel
- Identifying and establishing of trusted partnerships
- Advisor for Start-up Companies

Specialties

Mobile Payments, Mobile Remittance, Virtual VISA, Voucher, Bank the un-banked, Person to Person Transfers, Mobile Transactions, Mobile Financial Services, Remittance, Global transactions, Diaspora, Cash to Cash transfers, Mobile One-Click Payments, Blockchain.



2. Executive Marketing Advisor Jacob Blaesbjerg

In my work with sales and marketing for some of the biggest corporations in Europe, have I obtained a big experience in B2B and B2C online sales and project management.

I know what works and in which context. I'm used to work in foreign countries and have made business in most of the European countries, as well as in the US.

My management and project leading style is open minded, involving and open hearted. I do know what I want, and what it takes to see thing through.

Specialties:

Use of internet/intranet as a communication tool for marketing and organizations.
Design of response oriented marketing, and planning
International selling and marketing
Organizing projects and keep them on track.
Building up efficient business units



6. Roadmap

2016	Planning and starting the project
2017-10	Release CLP coin and launch ICO
2017-12	List on the exchanges
2018-05	Recruit and develop P2P using CLP
2019	Open a trial version of P2P lending by CLP Enlarge P2P lending using CLP in Europe, India and Asia
2020-10	Release P2P lending application for mobile device
2021	Finalize the market development strategy and after-sales policy for clients of P2P lending using CLP Develop more eCommerce applications for CLP blockchain
2022	End of ICO and bring CLP into P2P lending like Bitcoin