



# Crypto-Financial Services and Beyond

*The document sets the corporate team objectives for this year*

## ABSTRACT

Economic globalization, more than a theoretical concept, is a reality that has become a structural necessity for the world.

The main worldwide economic stakeholders depend directly on the relocation of their productive sectors. The case of the Covid19 health crisis has shown that the interrelation between countries is closer and more necessary than we thought.

In a technical and sophisticated world, in which more and more scientific development opens the doors to a prosperous, respectful, and sustainable future, it is necessary to begin settling the bases for the future with pragmatism.

As the Nobel Prize winner and President of the Royal Society, Sir Venki Ramakrishnan says, if we could miraculously transport the smartest people from around 1900 into the world today, they would be astonished to see that we now understand things that baffled humans for centuries.

Almost all modern inventions have one or many fundamental discoveries that make this possible. Sometimes those fundamental discoveries were made hundreds of years ago. Much of what we take for granted today is the result of an interaction between science and technology, with one driving the other forward.

Eric Scerri, in his book "A Story of Seven Scientists and a New Philosophy of Science" values the role of "small steps". These steps refer to the invisible work of many scientists who served as a solid and fundamental basis which is exploited by more famous scientists like Bohr and Wolfgang Pauli. Like those shadow scientists, project does not seek to advance further in theoretical / scientific development, without major budget exercises to find a promise that can be put into practice 50 years from now; at DAVIES we have sought the optimization of outdated sectors of society that exert an enormous force on human development, such as the financial and monetary markets.

Referencing ourselves in this context, and in a world smeared with aesthetics and little commitment, this ambitious idea is born to innovate, disrupt, and change the banking and financial structures as we know them up today.

DAVIES was born under this umbrella, trying to touch the keys necessary to meet the world's standards of efficiency, sustainability, social development, justice, and interconnectivity.

Globalization, as we mentioned before, is a social process that is sharpening meritocracy and competition. It is particularly important to be prepared for the 21st century in which the abundance and neglect of the 20th century must be transformed into efficiency, with the minimization of expenses and costs.

This situation is forcing all companies, regardless of their size, to adopt mechanisms to optimize internal and external processes, including financial ones.

Cryptocurrencies are increasingly accepted by society due to their response time benefits and possibilities.

Along this document we will show you why and how all of the above can be put into practice with real business cases which are being deployed now.



## INTRODUCTION

Since the acceptance of institutional money, and the regular inflation of assets, including gold (with gold paper), since the second half of the 20th century, humanity has observed that greed and greed have fraudulently used capacity to create money.

Inflation as a help and protection mechanism for situations of extreme need is something that anyone in their right mind could defend before the existence of digital money and the introduction of the internet throughout the planet.

The inflationary problem has been deepening when this resource has been used to cover and hide solvency problems, in which the issuance of currency has been made for the purchase of massive debt from private or public sectors, which under the laws of supply and demand, if they were really respected, should have disappeared.

Economic Keynesianism, in response to the Great Depression of 1929, had a utility applied to the conjuncture, at a time when the monetary circulation had fallen irreversibly, it served as a stimulus to a devastating economic trance. But this anachronistic figure of managing the economy and its impulses was maintained throughout the 20th century, when it really was not strictly necessary to carry it out, given its long-term "side effects".

As Wilhelm Röpke, a German economist and philosopher, says, Knowing whether and to what extent Keynes's contributions to economic theory and economic technique are correct will long remain a matter of discussion. But that at the highest level of social philosophy and political ethics he was completely wrong, that is already clear enough. The problem is not for lack of proposals, but the political consequences of such proposals. Rulers find it difficult in times of prosperity to implement the countercyclical policies the model needs, as Canadian economist John Kenneth Galbraith argues well.

The volume of total debt, adding corporate, public and private, is a slab that weighs on the shoulders of humanity. This makes progress and advancement only available to very few.

In 2019, at the end of the year, the world debt climbs to a record of 228 trillion, 320% of the GDP, without mechanizing yet the consequences on this balance of the Covid crisis<sup>19</sup> that are happening during this 2020. This excess is possible thanks to the little value that the FIAT currencies possess intrinsically, given that creating large black holes of indissoluble debt, and covering them with inflation in the balance of the central bank of the day, is not very difficult.

The generation that has the world before it, that is, those born around the 1980s and 2000s, have had their future cut short by experiencing two major crises, the financial death in 2008 and the great recession that is looming for this beginning. of the 2020s. Many of them have not only lost the ability to accumulate, save and prosper, they have also lost the ability to borrow and use the liabilities to grow, or to mortgage their essential assets.

This happens in the comfortable west, where the dynamics of abusive consumption attack the minimum saving capacity of disinherited youth. If we speak of the rest of the world, of the countries that have remained half-way in the transformation of their markets, or of those that have not yet started it, the fate is even less encouraging.

The resources offered by the banking sector, in terms of financing lines and deposit management, are services not available for most of the world, greatly complicating the fiscal and tax liability that may make possible a change in the political / economic / social model of the country in question.

In the 1970s, Muhammad Yunus predicted that a lack of basic financial services was a major cause of poverty in emerging economies.

In a world where 2 billion humans do not have access to banking services, blockchain technology and its derivatives (cryptocurrencies) come with the promise of creating a global system of credit, payment and international deposit of value.

In developing countries, and in those that have not yet started development, financial and banking services only open their doors to companies and corporations, the medium-sized business fabric and ordinary citizens do not have the capacity to use

those services. Mobile applications like ours offer the possibility of banking to anyone who has a mobile device and an internet connection.

In the OECD, cost optimization, the elimination of intermediaries and the instantaneous response provided by cryptocurrencies to move financial assets is also changing the rules of the game in various markets.

In no more than 3-5 years, experts say, payment with cryptocurrencies will be a reality in developed countries.

In this stage, only cryptocurrencies will survive with a business-based profit model with a purpose-oriented business model.

This whitepaper describes the usefulness of the Davies cryptocurrency (DVS), as well as the purpose of the company behind Davies: Daviescoin.io.



## THE PROBLEM

Historically, moving financial assets has required de-facto intermediaries: banks. No other mechanism was possible due to the lack of technology and lack of interest of the intermediaries to change the situation; not in vain banks are controlling the worldwide economy.

This situation led to a stage in which the banks established a kind of monopoly for any type of financial movement, since the banks defend that they were the only reliable entities for such operations; and that way they were ... .. until the blockchain technology was lifted.

It remains to be discovered which monopolistic model has served humanity as the engine of development, in fact, all monopolized markets have mainly served for a centralized accumulation of capital by taking advantage of the demand of a specific market. Reality says that there is no better index of collective and social development than when commercial competition performs its role, and this thesis is defended by everyone who has been born within the liberal constitutional paradigm, since the second half of the 20th century, that is, most of the population with income capacity.

This situation led to a stage where a kind of monopoly were established by the banks for any type of financial movement, as banks advocated they were the only trustworthy entities for such operations; and in such way they were.....up to the blockchain technology uprising.

The use of banks, which were operated by humans not far ago, has several drawbacks:

- Operations are time consuming
- Costs due to bank commissions are expensive (even more where several banks are involved for one operation). No real competition among banks exists, having all same or remarkably similar commission rates.

With advent of IT, the above problems were diminished somehow, however the two problems still remains; there are less human intervention, but there is not a mechanism which guarantees fully automation and errorless transactions, especially when banks of different countries participate in the operation. With classical IT technology, the problems still are:

- Operations are time consuming: from weeks now, we pass to days.
- Costs due to bank commissions are expensive: no changes in this point!!! It has been estimated a mean commission rate of 11% (considering transfer commission plus currency exchange commissions).

What happens when these pains affect to the following topics?

- Money transfer between companies and/or particulars. In 2018, worldwide remittances were 528B€, increasing 11% from previous year: 68% of these movements were money orders, and 32% left bank deposits.
- Services retribution in B2B and B2C scenarios
- International payments with credit/debit cards worldwide

Daviescoin provides a solution based on cryptocurrency (DVS) for the three situations pointed above.

## **THE SOLUTION: DAVIES CRYPTOCURRENCY**

The cryptocurrency provides a mechanism that guarantees, by means of algorithm-building, the transactions between two devices with total security, transparency and traceability, eliminating the need for intermediaries and their associated costs.

Also, because the algorithm is fully automated, transactions take place in seconds, not days. It is that simple.

How can this be possible? Cryptocurrency algorithms are based on the principle that to add a new transaction, this new transaction must have a code that "matches" all previous transactions stored on the shelf. This code is calculated not only by one node in the network, but by thousands of nodes in the network, and there must be consensus among the nodes to accept the new transaction as valid. Any attempt to change a previous stored transaction raises an alert stating that the chain no longer fits, therefore it does not allow such a change on the shelf and thus guarantees the content and trust of the stored transactions.

No additional fees are required anymore, allowing transactions to be completed in seconds, optimizing the movement of financial assets around the world.



## VALUE PROPOSAL

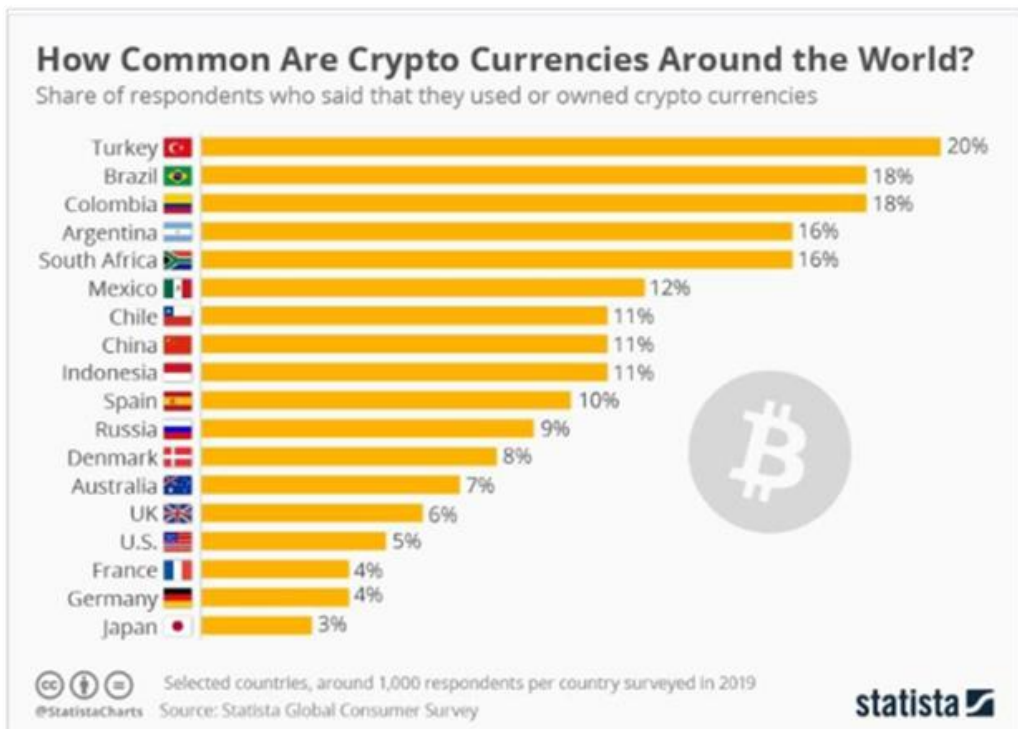
Davies (DVS), is an ERC20 Token that works on the Ethereum blockchain, was born with a purpose, a vision, and a mission:

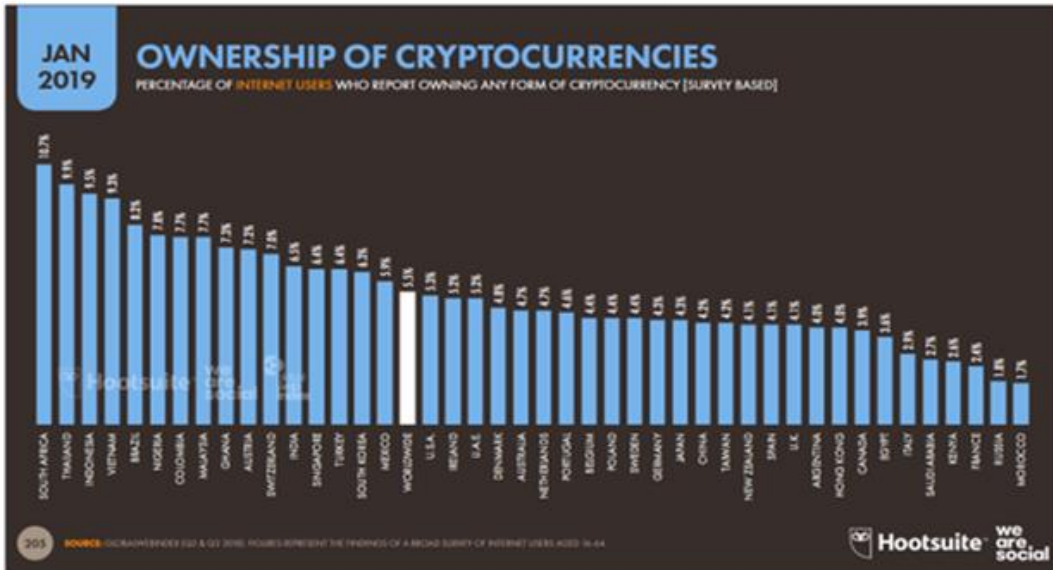
- ✓ Vision: accessibility to financial services is a global right regardless of location or social status.
- ✓ Mission: to optimize the movement of financial assets by providing their owners with the best service at a lower price almost instantly where requested, in addition to offering the possibility to anyone to lend their savings under credit, thus decentralizing the financial market.

DAVIES cryptocurrency aims to unify, quantify, and decentralize the traditional credit market, offering deposit and asset holding services worldwide.

DVS is not just another currency whose utility is not known; DVS has born with the intention of being of utility according to the business cases described later in this whitepaper to achieve the vision and mission outlined above.

For many worldwide regions, the blockchain is an unknown and difficult to use new technology, but the reality is that it is being adopted in many countries; including developed and developing countries as shown in the following figures:





Considering previous data, it is clear that exists a need of reaching to final receivers of financial assets (remember: 2.000 million of humans do not have access to bank services) optimizing following aspects:

- Speed up the availability of the financial asset for the addressee (once it has been released at origin).
- Removal of expensive intermediaries.
- Removal of fixed infrastructures with high fixed costs which make operations expensive.
- Capillarity for reaching any part of a country

Under these circumstances, Daviescoin.io proposes using Davies cryptocurrency (DVS) for financial services guarantying the reliability, traceability, and security of financial operations satisfying above aspects, specifically in these three following cases.

## 1. Worldwide Remittances.

No physical dependencies are required in the business model implemented by Daviescoin.io, lowering operation costs; due to the digital nature of DVS two different models have been considered for local subsidiaries / partners:

- Local partnerships. Local partners are selected at each country providing local fiat currency to be converted to DVS and vice versa charging a commission not greater than 3% (vs the current mean commission rate of 11%).
- Individuals. In this case, specifically designed for countries with a very deficient infrastructure, local individuals convert local currency in DVS (and vice versa) charging a commission not greater than 3%, becoming individuals as “individual subsidiaries” of Daviescoin.io.

Below we show you the visualization of this service on our web platform and in the app.

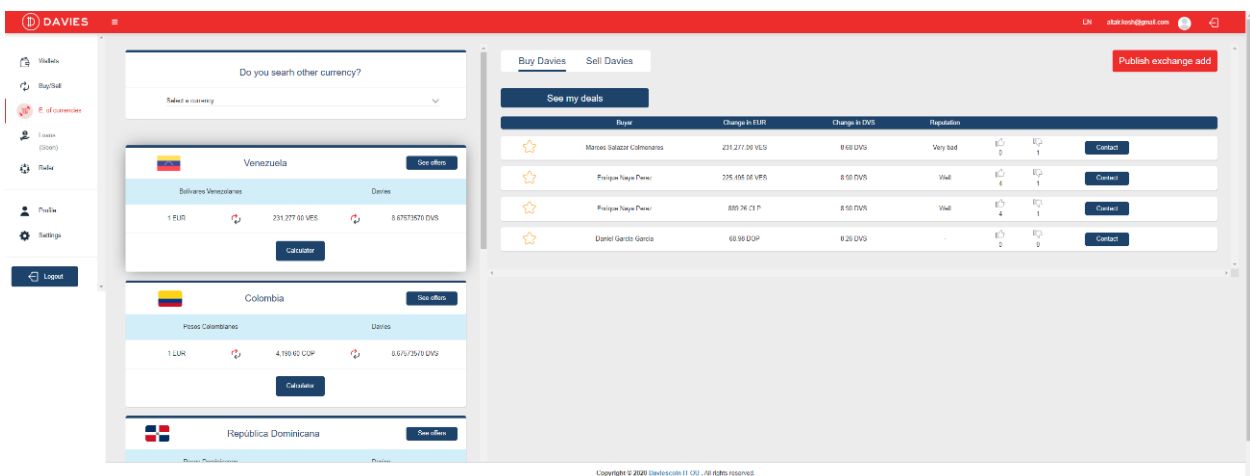


Figure 1: marketplace for "individual subsidiaries"

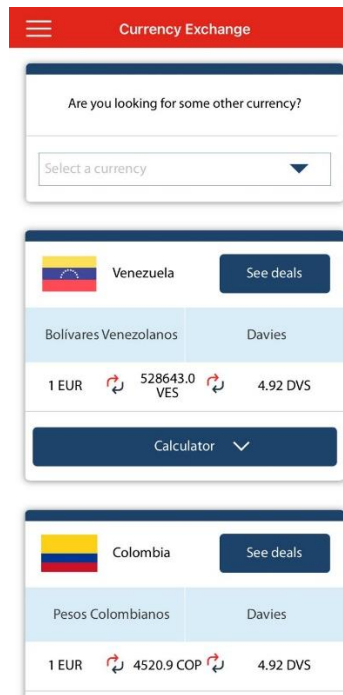


Figure 2: marketplace for "individual subsidiaries" at Daviescoin App

Taking advantage of the intrinsic characteristics of cryptocurrencies, their ability to use and receive in any country without border or deposit management limitations, what we have sought through the platform (web and app) is to offer the necessary comfort and simplicity so that remittance sending is easy to use.

Whether done through a "local partnership" or an individual, the currency exchange relationship runs bidirectionally, completely changing the current remittance management model in which you have to go through several expensive intermediaries, and in many cases, not all trustworthy.

With this system, any person can send money to another person residing in any country in the world even this country has a poorly developed banking infrastructure or abusive rates.

The receiving person can exchange DVS into their local currency, if he/she needs it, or exchange DVS into the currencies we have available on the platform (euros, dollars, Argentine pesos ...) without having to run a change to cash.

With DVS you avoid fraud and cost overruns, since we provide the necessary infrastructure to achieve a fair currency exchange, which in turn serves individuals and companies that need a currency exchange for their use.

This service will enable and enhance international investment in developing countries, simply because of the ease of return on investment with a system as agile and cheap as the one we offer.

Complete traceability and transparency of the operations removes any fraud possibility.

## 2. Worldwide Microlendings.

Microfinance is a way to provide small amounts of financing, savings, insurance, and other related financial services to individuals, families, entrepreneurs, and small businesses that do not have access to traditional sources for such financial services, or local projects that have a background of international aid and cooperation (NGO projects or similar structures).

There are 123 million customers at microfinance institutions worldwide, for a loan portfolio of \$102 billion. India is the leader in terms of microfinance, with 47 million borrowers and roughly \$15 billion in outstanding loans. Vietnam is second, followed by Bangladesh, Peru, and Mexico.

The ranking shows strong momentum in southern Asia. The region accounts for roughly 60% of all borrowers and has the highest growth in terms of loans, up 23.5%. Latin America and the Caribbean are also highly active in microfinance, with \$42.5 billion in outstanding loans, compared with \$9.3 billion in Europe and \$8.7 billion in Sub-Saharan Africa.

Most borrowers are women living in rural areas, demonstrating the importance this activity has as inclusion policy of the women in the society. Women make up 84% of borrowers, with people in rural areas representing roughly 60% of the market.

Following the vision that we have in Daviescoin.io, everyone deserves access to a financial system which is fair, safe, and transparent. In this sense, Daviescoin.io will be providing microlending worldwide for the second part of 2020 to everyone who wants to support personal projects or necessities published at DVS platform.

Performance history on devolutions will be tracked by Daviescoin.io providing risk assessment and money-return confidence ranking for the lenders considering: number of previous lends, committed loans, satisfactory payments by the borrower, quantity of the debt, punctuality in payments, etc.

### 3. Crypto payments with DVS Credit Card.

Daviescoin.io has signed an agreement with a worldwide credit company, VISA, for providing the capability of making payments using credit cards connected to DVS wallets, providing the flexibility, speed, and ubiquity required by our customers for using their crypto assets everywhere and anytime.

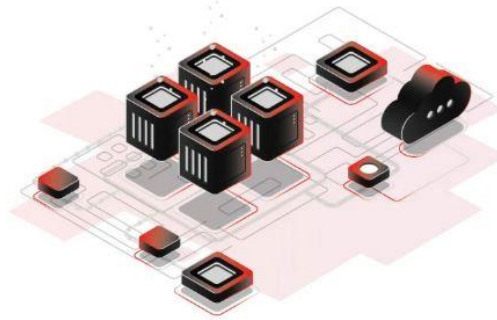
This service is practically unique in the world since it offers the possibility of payment anywhere in the world without suffering the costs of exchange and intermediation that we have been talking about throughout the document.

In an increasingly globalized world, many people and companies must manage different regional currencies to carry out their lives and professional services. This is the perfect tool for them.

DAVIES will become the first currency to offer this solution, which goes beyond just one more credit card. This is a solution to maximize the fiscal efficiency of companies.

Companies will be able of issuing cards for their employees, which will be preloaded with a purchase of DVS in stablecoin format. In this way the great mass of expense, and of taxes for their deductions, fall on the company.

In this way, the company delivers the DAVIES card as a "payment in kind" with which the employees will be able of purchasing goods and services anywhere in the world.



## FOR INVESTORS

Investment options can follow two lines of growth:

- Direct bet on DVS. The total available will be 21.6 million, and the usability of the currency is observed with the services that we have previously listed. The quoted price will rise naturally by the simple force of supply and demand, when the volume of users grows, the particular benefit of the portfolios will increase. In one year the increase in value has been approximately 25000%.
- Invest in Daviescoin.io. The function of the platform and the company behind it is to bring the world of cryptocurrencies closer together through warehouse management of wholesale / purchase. This function nurtures the provision on the platform (web and app) for those who intend to use the services we offer.

The company owns the platform and infrastructure, and its macroeconomic role is like that of an operator that intermediates in the DAVIES market, but does not control it. The platform is a structure in wholesale format but does not seek to monopolize the trade in the currency.

It is the right moment for investing in Daviescoin.io; exponential growth is foreseen at least for the next three years with IRR rates above 20%

## ROADMAP

DVS is a live project with a clear roadmap with milestones met scrupulously on time :

SERVICE	ACHIEVEMENT
Capability of sending and receiving DVS and converting to local currency.	ACHIEVED
Worldwide microlending.	ACHIEVED
Local partners in different countries with different currencies.	IN PROGRESS
Crypto payments with DVS Credit Card.	JANUARY 2021

## TECHNOLOGY

### DAVIES ERC20 TOKEN

Davies is a cryptocurrency, an open-source, public, blockchain-based coin with operating Ethereum Blockchain Network featuring smart contract functionality in version of erc-20 standard protocol.

Although the Ethereum Foundation and figureheads, like Vitalik, played a significant role in Ethereum's trajectory early on, the community is taking up the torch to decentralize processes. From this 6 years Decision making processes in Ethereum have matured significantly as the network and users has grown. Through the dissemination, use and popularization the Ethereum Network and erc-20 standard became more popular each year.

Having a standard is very important as it allows to coin to be compatible with every wallet and every exchange built to the same standards. The standards provide functionality to transfer tokens, send, receive as well as allow tokens to be approved, so they can be spent by another on-chain third party etc.

On the beginning Bitcoin was possible to send and store only by emails and on hard disks, there was no digital wallets for it. So we sure it was one of the main problem for widely popularization and distribution for bitcoin since it was not so easy to store.



## SMART CONTRACT OF DAVIES

```
pragma solidity ^0.6.6;

contract ERC20Davies {

    string public constant name = "Davies";
    string public constant symbol = "DVS";
    uint8 public constant decimals = 8;

    event Approval(address indexed tokenOwner, address indexed spender, uint tokens);
    event Transfer(address indexed from, address indexed to, uint tokens);

    mapping(address => uint256) balances;

    mapping(address => mapping (address => uint256)) allowed;

    uint256 totalSupply_;

    using SafeMath for uint256;

    constructor(uint256 total) public {
        totalSupply_ = total;
        balances[msg.sender] = totalSupply_;
    }

    function totalSupply() public view returns (uint256) {
        return totalSupply_;
    }

    function balanceOf(address tokenOwner) public view returns (uint) {
        return balances[tokenOwner];
    }

    function transfer(address receiver, uint numTokens) public returns (bool) {
        require(numTokens <= balances[msg.sender]);
        balances[msg.sender] = balances[msg.sender].sub(numTokens);
        balances[receiver] = balances[receiver].add(numTokens);
        emit Transfer(msg.sender, receiver, numTokens);
        return true;
    }

    function approve(address delegate, uint numTokens) public returns (bool) {
        allowed[msg.sender][delegate] = numTokens;
        Approval(msg.sender, delegate, numTokens);
        return true;
    }

    function allowance(address owner, address delegate) public view returns (uint) {
        return allowed[owner][delegate];
    }

    function transferFrom(address owner, address buyer, uint numTokens) public returns (bool) {
        require(numTokens <= balances[owner]);
        require(numTokens <= allowed[owner][msg.sender]);

        balances[owner] = balances[owner].sub(numTokens);
        allowed[owner][msg.sender] = allowed[owner][msg.sender].sub(numTokens);
        balances[buyer] = balances[buyer].add(numTokens);
        Transfer(owner, buyer, numTokens);
        return true;
    }
}

library SafeMath {
    function sub(uint256 a, uint256 b) internal pure returns (uint256) {
        assert(b <= a);
        return a - b;
    }

    function add(uint256 a, uint256 b) internal pure returns (uint256) {
        uint256 c = a + b;
        assert(c >= a);
        return c;
    }
}
```

<https://etherscan.io/address/0x18562c02456962d1537cD3E4c70e88C48a466418#code>

## ADVANTAGES ABOUT OTHER CRYPTOCURRENCIES

1. Davies exist on the Ethereum blockchain rather than a less developed/tested “altcoin” blockchain nor within closedsource software running on centralized, private databases.
2. Davies is one-to-one backing implementation is easier for nontechnical users to understand as opposed to collateralization techniques or derivative strategies.
3. Davies can be used just like bitcoins, ethereum, i.e. in a p2p, pseudo-anonymous, decentralized, cryptographically secure environment.
4. Davies inherit the properties of protocol which include: a decentralized exchange; browserbased, opensource, wallet encryption; Bitcoinbased transparency, accountability, multiparty security and reporting functions.
5. Mobile payment facilitation between users and other parties, including other users and merchants (via crypto digital wallets)
6. Instant or nearinstant fiat value transfer between decentralized parties (such as multiple exchanges)
7. Davies can be integrated with merchants, exchanges, and wallets just as easily as Bitcoin, Ethereum or any other cryptocurrencies can be integrated.
8. Users can buy or sell as many Davies as they want, quickly, and with very low fees.
9. Introduction to the use of smart contracts and multisignature capabilities to further improve the general security process.

## FOR EXCHANGES

Exchange operators understand that accepting any new cryptocurrency can be complicated, risky, slow, or expensive.

Exchange users know how risky it can be to hold cryptocurrencies on an exchange. By offering Davies, an exchange can relieve themselves of the above complications and gain additional benefits. Additionally, there are other benefits to holding tethers, explained in the next section.

1. Allows users to move Davies in and out of exchange more freely, quickly, cheaply
2. Multisignature security, cold and hot wallets, pc wallets, etc.
3. Easily add other tokens and cryptocurrencies as trading pairs to the platform
4. Anything one can do with Ethereum as an exchange can be done with Davies

## FOR INDIVIDUALS

There are many types of individual crypto users in the world today. From traders looking to earn profits daily; to long term investors looking to store their cryptocurrency securely; to techsavvy shoppers looking to avoid credit card fees or maintain their privacy; to philosophical users looking to change the world; to those looking to remit payments globally more effectively; to those in third world countries looking for access to financial services for the first time; to developers looking to create new technologies; to all those who have found many uses for cryptocurrency. For each of these individuals, we believe Davies are useful in similar ways.

1. Transact pseudo-anonymously, without any middlemen/intermediaries.
2. Cold store by securing one's own private keys.
3. Avoid the risk of storing crypto on exchanges move crypto-active in and out of exchanges easily.
4. Avoid having to open a fiat bank account to store fiat value.
5. Easily enhance applications that work with ethereum to also support ERC20 token.
6. Anything one can do with Ethereum as an individual one can also do with Davies.

## FOR MERCHANTS

Merchants want to focus on their business, not on payments. The lack of global, inexpensive, ubiquitous payment solutions continue to plague merchants around the world both large and small. Merchants deserve more. Here are some of the ways tether can help them:

1. Prevent chargebacks, reduce fees, and gain greater privacy
2. Price goods in Davies value rather than Bitcoin.  
Provide novel services because of crypto features
3. Microtipping, gift cards, more
4. Avoid the risk of storing crypto on exchanges move crypto-active in digital-crypto wallet.
5. Anything one can do with Ethereum as a merchant one can also do with [Davies](#)

## CONCLUSION ABOUT THIS TECHNOLOGY

Davies is based on the Ethereum blockchain, the most secure and welltested blockchain and public ledger in existence. Davies has a simple and reliable peer-to-peer technology. Our team is composed of experienced and respected entrepreneurs from the blockchain ecosystem and beyond.

We are focused on arranging integrations with existing businesses in the cryptocurrency space. Business like exchanges, wallets, merchants, and others. We're already integrated with Mercatox, Bamboorelay, EtherDelta and more to come. Please reach out to us to find out more. Please keep yourself updated.

1. The Davies contract source code is verified
2. Davies is represent a known & public interest project
3. The Davies is maintain a working website with active social profiles and communication channels
4. The Davies is operated for a period in time and achieved certain milestones
5. The Davies remains active and has ongoing on-chain activities
6. The Davies token is well known and often interacted.

## OUR DAPP

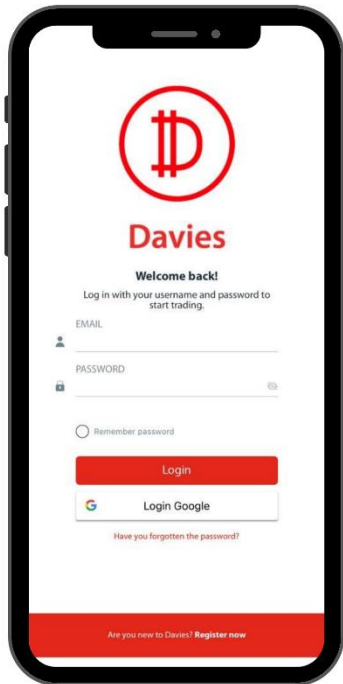


Figure 3: Login and Sing up " at Daviescoin App

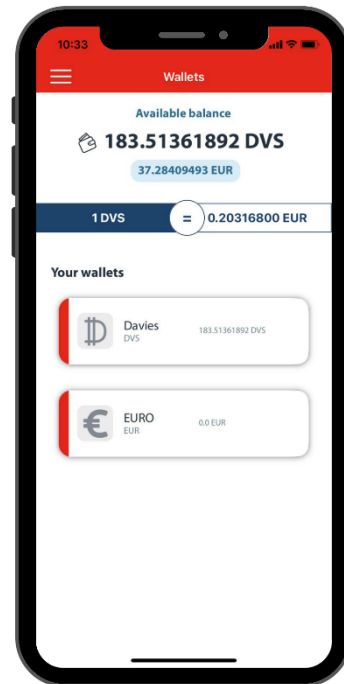


Figure 4: General view " at Daviescoin App

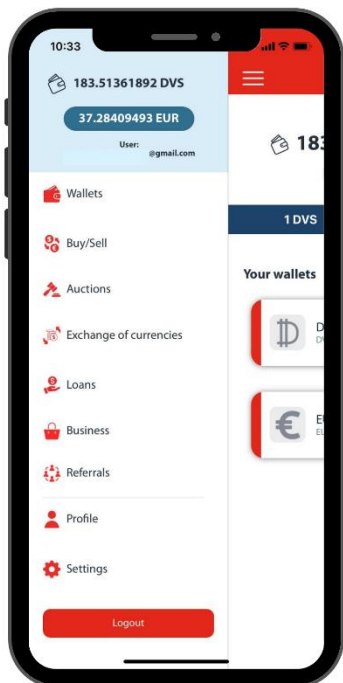


Figure 5: Menu " at Daviescoin App

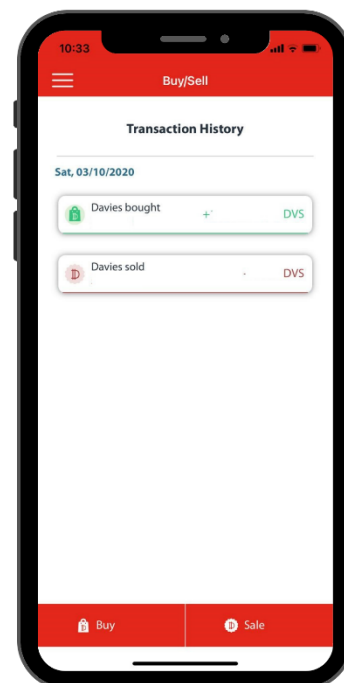


Figure 6: Buy and Sales " at Daviescoin App

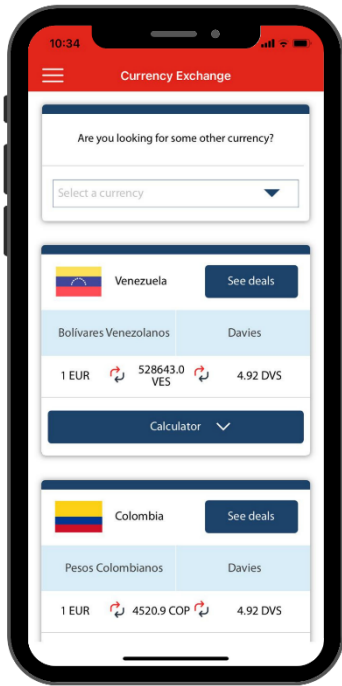


Figure 7: Currency exchange " at Daviescoin App

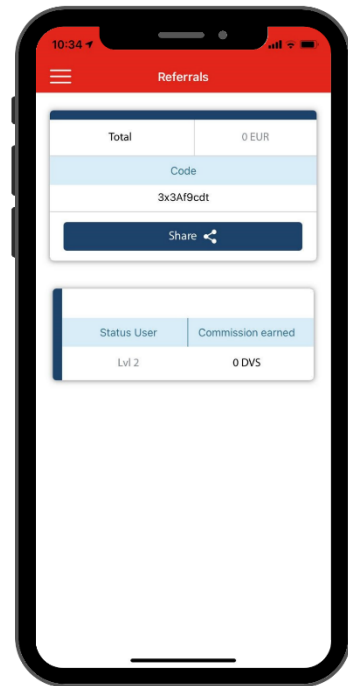


Figure 8: Refeers " at Daviescoin App

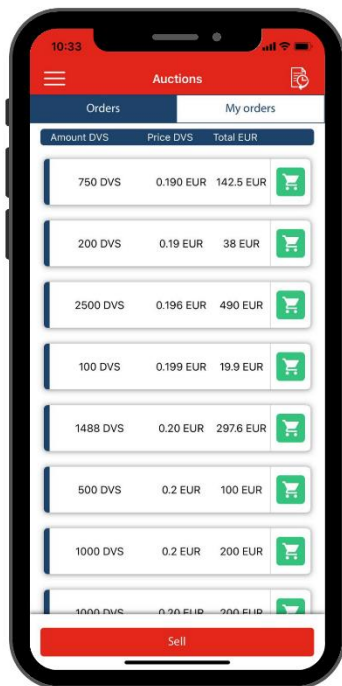


Figure 9: Auctions" at Daviescoin App

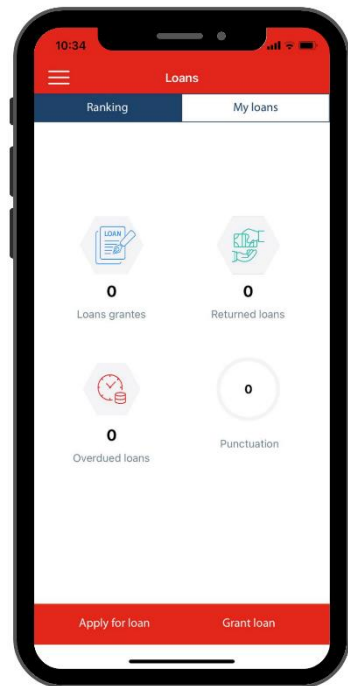


Figure 10: Loans " at Daviescoin App