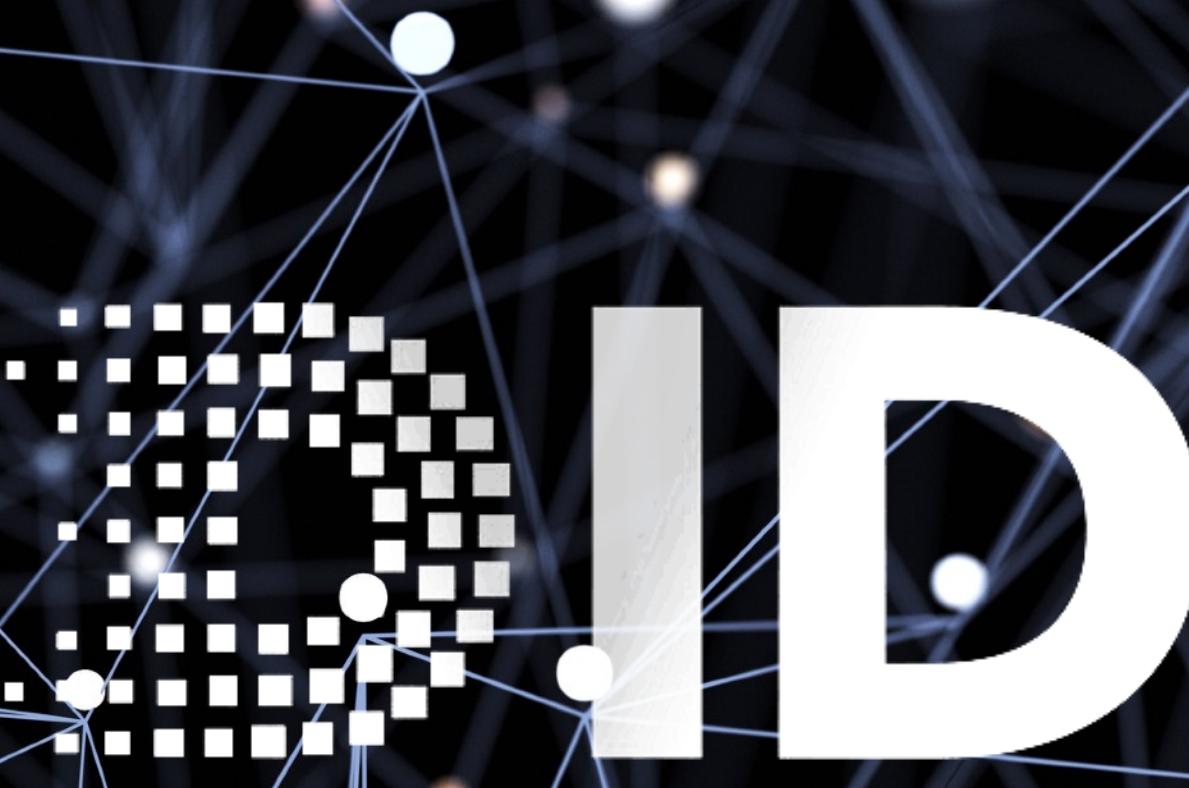


# DECENTRALIZED ID: WHITEPAPER VER 1.4.5

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1. ID TRANSFER  
LIKE LOGGING INTO A WEBSITE
  
2. ID ISSUANCE  
LIKE A PASSPORT OR A VISA
  
3. P2P ID TRANSFER  
LIKE A VISITING/BUSINESS CARD



## Your ID In Your Control

---

DID is a software schema and a Foundation geared towards protecting your ID on the Blockchain. DID puts your ID in your control by Decentralizing it.

---

## Accompanying Docs:

DID Technical Whitepaper:  
<http://bit.ly/did-tech>

DID ICO Guide:  
<http://bit.ly/did-ico>

DID Foundation Charter:  
<http://bit.ly/did-fn>

DID Terms & Conditions:  
<http://bit.ly/did-terms>

## Disclaimer:

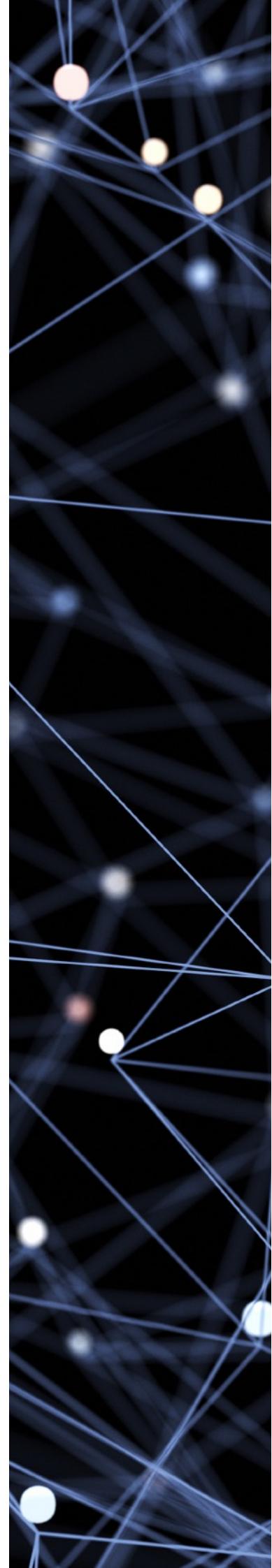
This document and any other DID documents do not constitute a prospectus of any sort. And none of this is a solicitation for investment. This is a technology foundation and the holding of our DID token only means either usage within the app or as an anonymous voting right into the foundation's operations. Acquisition of DID tokens is non-refundable. The tokens are only to be used under the Terms & Conditions. Any use of our experimental software carries considerable risk and by using our software, you acknowledge that and take full responsibility of any loss.

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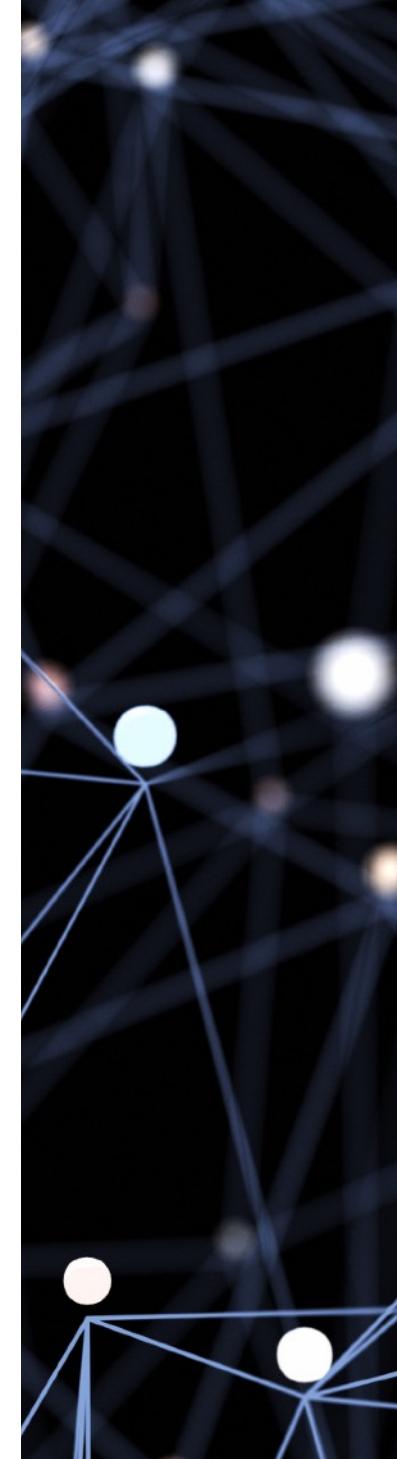
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# 1. WHAT IS DID?

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## 1.1 Introduction

Decentralized ID (or DID) is

- (A) A schema to provide authentication services securely on a Decentralized network.
- (B) A Democratic Blockchain-based Foundation geared towards protecting people's IDs on Decentralized Computer Systems.

As of its launch in September 2017, DID comes with a working software schema based on mobile wallets and the Ethereum Network to show how ID verification can be performed on a Blockchain. DID also provides a draft proposal for how to achieve this and recommends starting a foundation to oversee how ID is being used/transferred in a Crypto-world.

The project is working closely with a Government department to conduct a pilot study of putting National ID cards on the Blockchain.

## 1.2 Abstract:

This document describes the DID system; its technicalities, Foundation plans and Crowdsale information.

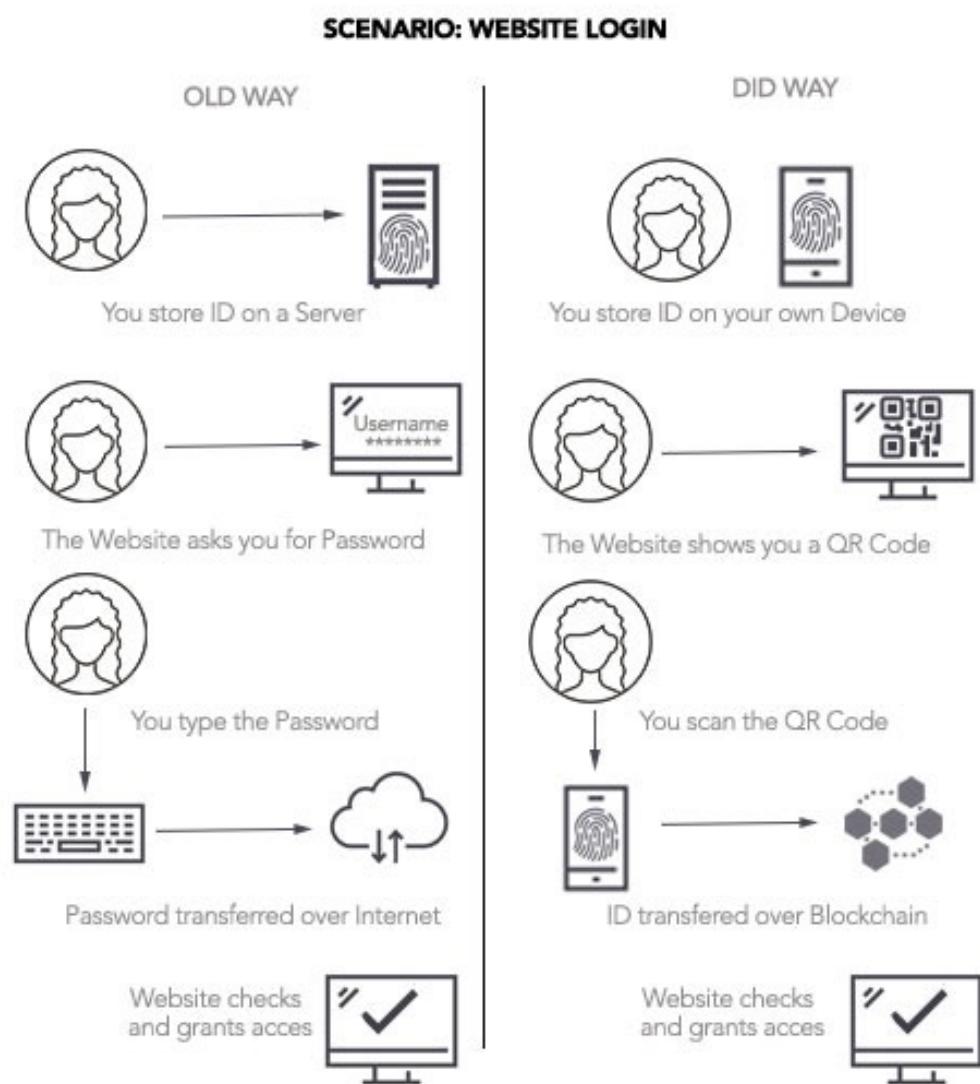
A more detailed set of information about the technicalities of the system can be found on our Technical blog at <https://decentralized.id>

## 1.3 What problem does DID solve?

1. There does not exist a two-way trust mechanism with ID transfers on the Blockchain. DID provides just that.
2. There exists no secure way to issue an ID card, a license, a passport or a visa using the current communication channels. DID employs a public Blockchain network to show how ID can be issued securely on a Blockchain.

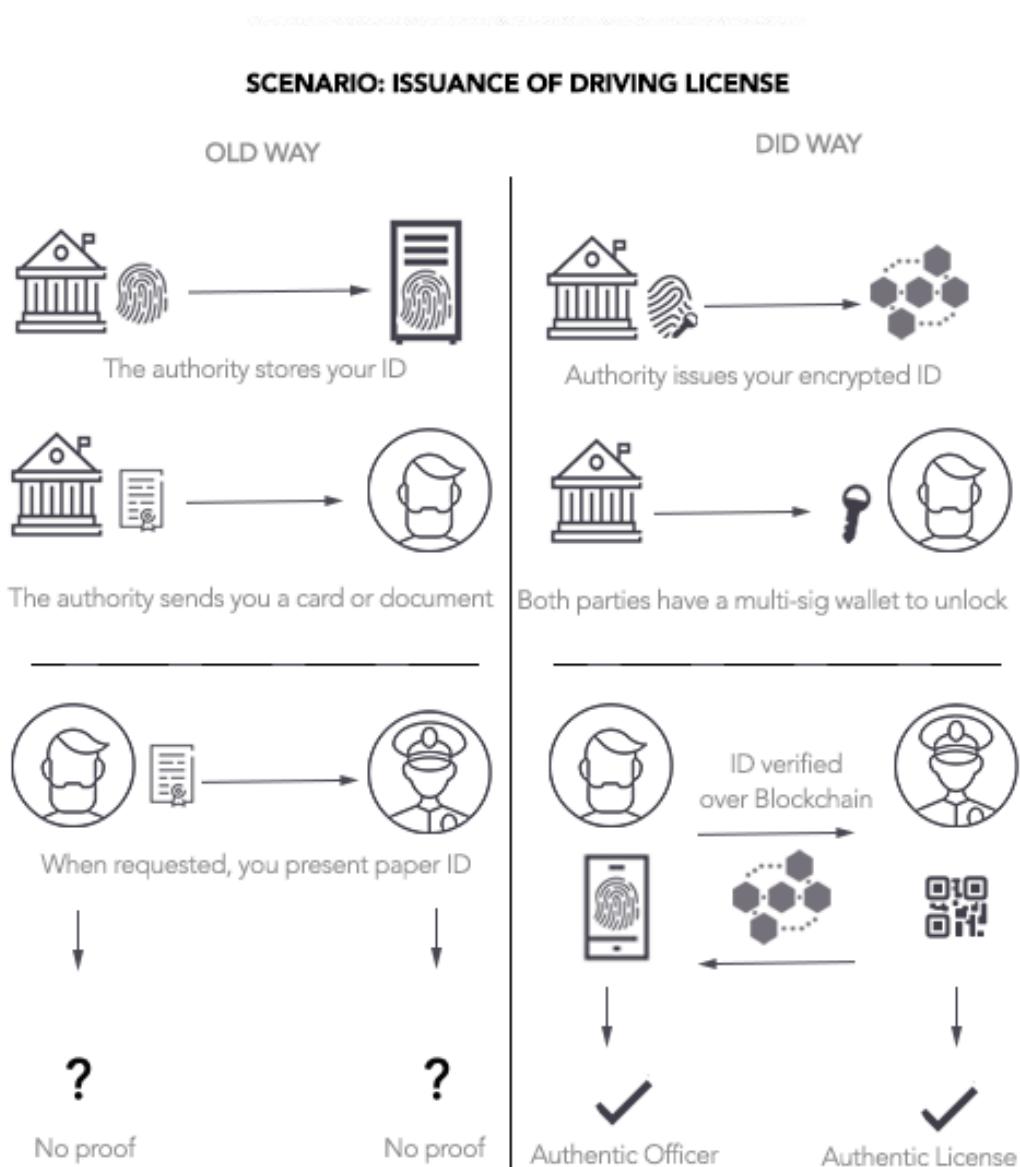
# 1.4 What Does DID Do?

## A. Transfers your ID on the Blockchain: (Like an Internet Login)



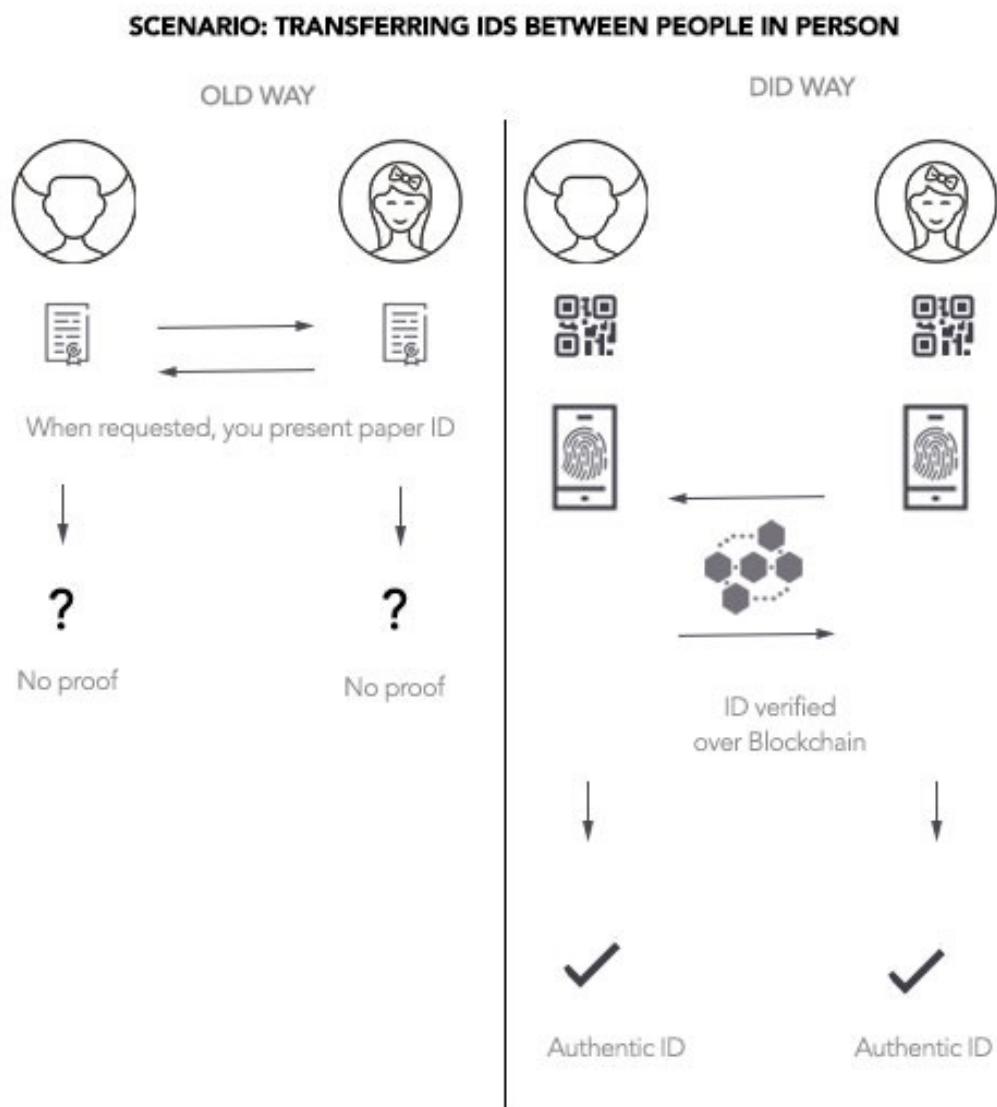
# 1.4 What Does DID Do?

## B. Issues IDs on the Blockchain: (Like issuing a driving license)



# 1.4 What Does DID Do?

C. P2P ID transfer: (Like giving visiting/business cards)



# TAKE CONTROL OF YOUR ID

---

## 1.5 How DID Protects your ID

The DID system and the DID Foundation are geared towards protecting your ID and putting you in control of your ID. This is how DID protects your ID:

In Traditional Systems:

1. Your ID is stored on a private cloud
2. Your ID is in control of an organization
3. Your ID is being abused and tracked
4. There is no proof of ID transfer
5. SSL is breakable and monopolized
6. There is a totalitarian approach to your ID request on the Internet
7. No way to issue IDs securely

In a DID System:

1. Your ID is stored on your own device.

2. Your ID is in your control which you transfer as you require
3. The DID Foundation ensures that any usage of your data is approved by you
4. Proof of transaction available on a distributed ledger
5. BOCA certificates ensure security and legitimacy of the request
6. The DID system provides a two-way trust mechanism
7. Complete Blockchain backed ID issuance scheme

programming unit of the schema. The DID software is broken down into the following blocks:

1. Mobile App: For the end-user to interact with the system.
2. DID endpoints: Carry out user instructions securely over the blockchain
3. DID API & Marketplace: For developers to provide a Login with DID system and to work with BOCA certificates.
4. BOCA issuance: A platform for the ID-requesting bodies to register to provide their authenticity to the end users.

## 1.6 How does DID work?

The DID system works by employing smart contracts on a distributed network. The smart contracts form the logical and

Currently based on the Ethereum Mainnet, DID is a functional schema that you can try today. See how your ID gets transferred over the Blockchain.

## 1.7 Use Cases of the DID System

The DID system can be used as:

1. Logging into websites
2. Showing your Passport on a border
3. Proving your ID to an Officer
4. Providing your ID like a business card to another person
5. Holding bank accounts
6. Holding memberships
7. As reward cards
8. As a Debit Card associated with your ID
9. Logging into smart devices
10. Proving presence
11. Logging in into an office (HR)
12. A means to issue ID cards, Passports and Visas.
13. A means to issue licenses. E.g. Driving license, medical practitioner license, gun license.
14. A means to issue membership of an organization.
15. A means to issue Medical records on the Blockchain.
16. A means to provide trust in figures of Authority. E.g. Policemen, Traffic wardens etc.
17. A means to provide trust in an ID-requesting body.

## 1.8 Business Cases of the DID System

The DID Foundation, while non-profit, will re-invest its profit into the foundation to further its objectives. We envision the DID Foundation to be a fully-funded organization in the near future. The Foundation will make its monies from:

1. Charging a percentage on top of a cost of a DID transactions:  
Given that this DID txn cost can be funded either by the user or the requester, DID transactions are to grow to a million transactions per month by the end of 2018. Thus, the main source of income will be providing intermediately services.
2. Issuing BOCA Certificates:  
Exactly like SSL, these certificates will prove the authenticity of an ID requesting body. The DID Foundation will charge for issuance of these certificates and will become the sole authority to provide this level of verification. Imagine SSL being converted into BOCA and the DID foundation looking after the BOCA sales and implementation.

## 2. THE DECENTRALIZED FOUNDATION



### 2.1 Why a Foundation?

We believe that the Decentralized-world is a revolution and a paradigm shift from the communications structure we have in the world at the moment. Very soon, data will become decentralized and with that, people's IDs. The proposed Foundation will work towards guaranteeing that people's IDs and privacy are protected.

We currently see the Internet world in disarray with respect to privacy and IDs. Your data is being controlled by a few companies and on a few servers. You do not have control over your IDs. Your IDs, be it a login or cookies on a website, are being misused and abused. We require an organization rather than a company as a bridge between ID-requesting bodies and ID-holders.

The foundation intends to lead ID verification attempts on a decentralized scheme and drive a future where your ID is in your control.

**All sums raised by the ICO will be forwarded to the proposed DID Foundation.**

### 2.2 Charter of the Foundation:

#### 1. Protecting your ID

The #1 objective of this foundation is to protect and put you in control of your ID on the Blockchain. At its heart, the foundation exists to decentralize your identification to protect YOUR interests.

#### 2. Providing Trust

The foundation will form a trust platform where publishers and subscribers gather together to transfer ID over the Blockchain securely and with full trust of both parties.

#### 3. Crypto-Positive

We believe that crypto technology is a new parallel Internet being formed today. We want to be the reason and the first step that people take towards a crypto-future.

Please download the complete Charter Document for the Foundation from our website  
<https://decentralized.id/docs/DID-charter.pdf>

# Join The Foundation By Holding 1 DID

---

## 2.3 Members of the Foundation

DID is a democratic foundation where holders of the DID tokens become voting member of the foundation. The proposed Foundation will have two types of members:

1. Full Members: All DID holders.
2. Resident Full Members: DID holders who decide to join the Foundation as resident members of the physical foundation in the UK.

All Full members get to vote in all proposals put forward by the Foundation to vote on. The Foundation will make sure that all proposals are put forward to all voting members. Any DID holder can decide to put forward his/her name for inclusion into the DID Foundation in the UK. The UK Charities commission & Trustee Investment acts require all members of a Foundation to have an impeccable record. All applicants who pass these criteria will be invited to join the physical Foundation.

DID is a Crypto token based on ERC20 standard that are exchangeable, transferable and consumable. These tokens prove membership of the foundation.

## 2.4 Functions of the Proposed Foundation

1. BOCA Issuance:  
To verify requests for organisations looking to get a BOCA certificate. This includes vetting internal processes as well as getting guarantees from the issued-to party to observe our "template scheme".
2. Work with the Government:  
To get different worldwide governments involved in looking into issuing IDs on the Blockchain. In this respect, a few inward enquiries are already pending for the foundation to take up.
3. Extending Technology:  
To further develop the software and the schema.
4. Reducing the cost of DID transaction:  
The Foundation will look at alternatives and other Blockchains to make sure that a DID token goes a long way in terms of transactional fee.
5. Promoting a Crypto-positive Future:  
To promote a positive awareness around Blockchain and the crypto world.

## 2.5 Trust Platform

The DID foundation wants to get publishers and subscribers on a single platform to streamline ID/login/cookie requirements in a decentralized world. This means coming to consensus on issues concerning how ID is used, how ID is stored, how ID is retrieved and how to further protect people's privacy. The current state of ID protection and sharing is abysmal. This will change with the Decentralized revolution and we want to be the voice of reason and an arbitrator between publishers and subscribers. We are also in talks with a few Government agencies to see how trust in official IDs can be decentralized over a public Blockchain network and be 100% tamper-proof. We are passionate about a Decentralized future. If you are too, join the Foundation.

## 2.6 Current Status

The DID system was launched by Torquesol UK Limited. Registered in England & Wales vide Coy. No. 07360412.

## 2.7 Future Plans

After a successful ICO in Q1 2018, Torquesol UK Ltd will form a Foundation, in accordance with Charities & Trustee Investment acts under the UK laws, putting in a budget as provided by the ICO participants. This Foundation will be independent of Torquesol UK Ltd and will invite all DID holders to register as Voting members of the foundation.

The Foundation will work on the sole main agenda of: Protecting your ID over a Decentralized Network.

# Introducing BOCA - Your Trusted Contract

---

## 2.8 BOCA Certificates



### Blockchain-Originated Certificate of Authenticity

Say hello to the SSL certificate of the Decentralized world! The DID foundation will re-imagine and re-engineer subscribers' trust in authenticity over a decentralized network. Before you provide your ID or data to an organization, you can now check over a decentralized network if the requested transaction comes from a verified source. These smart contracts will prove as an irrefutable certificate of Authenticity belonging to an entity wishing to participate in ID verification or issuance.

Just like the SSL Certificates of today, these BOCA certificates will come with detailed information about the assigned party as well as expiration and other attributes attached to it. Users will be able to safely and securely verify the originating source of an ID request.

The DID foundation also intends to demonopolize the current system of SSL Certificates available on the Internet. Rather than a commercial entity holding the World's right to security, this is a chance for a Foundation to take charge and make sure that previous mistakes are not repeated.

A paradigm shift from the current SSL Trust model:

Problems with SSL:

1. Too many CAs
2. Bad apples
3. Mixed scope
4. The registrars are sketchy
5. ICANN (root) is political
6. SSL is weak and flawed  
(NSA can hack any SSL when required)

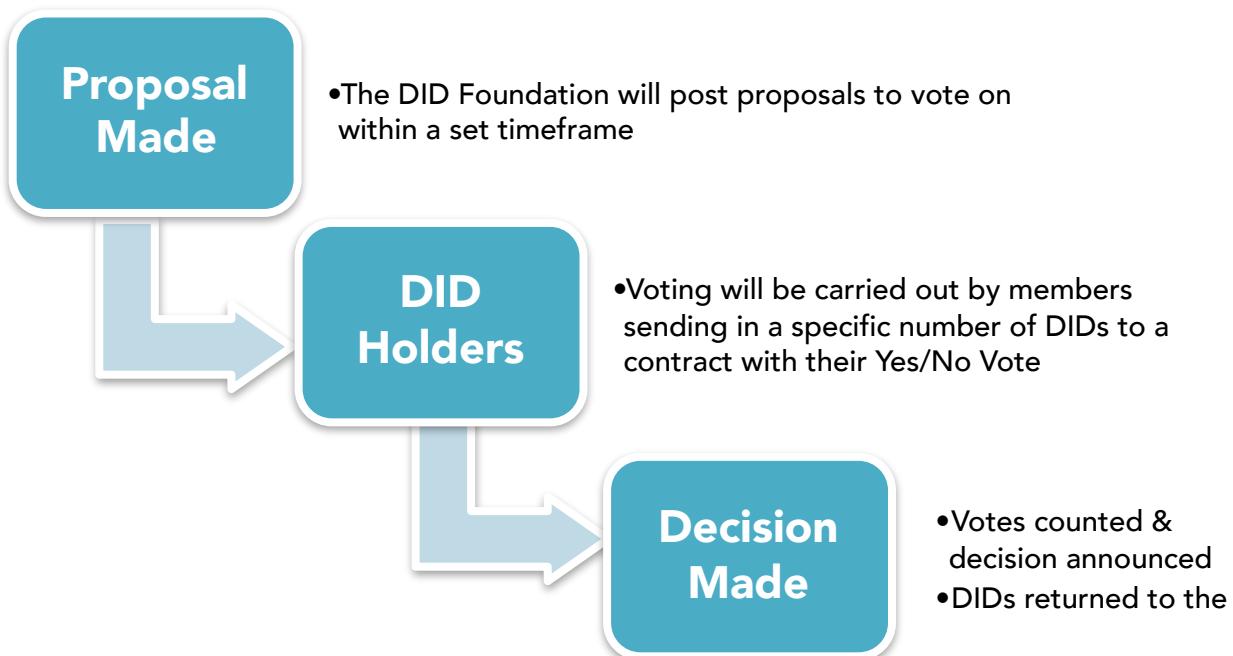
How BOCA will mitigate these issues:

1. One CA, which is a foundation.
2. Careful vetting process
3. One API scheme for all types of BOCA verifications
4. The registrar is a foundation
5. No politics; only democratic decisions voted on by the members of the foundation
6. Tamper-proof, most secure form of communication and irrefutable transactions.

## 2.9 Democratic Foundation

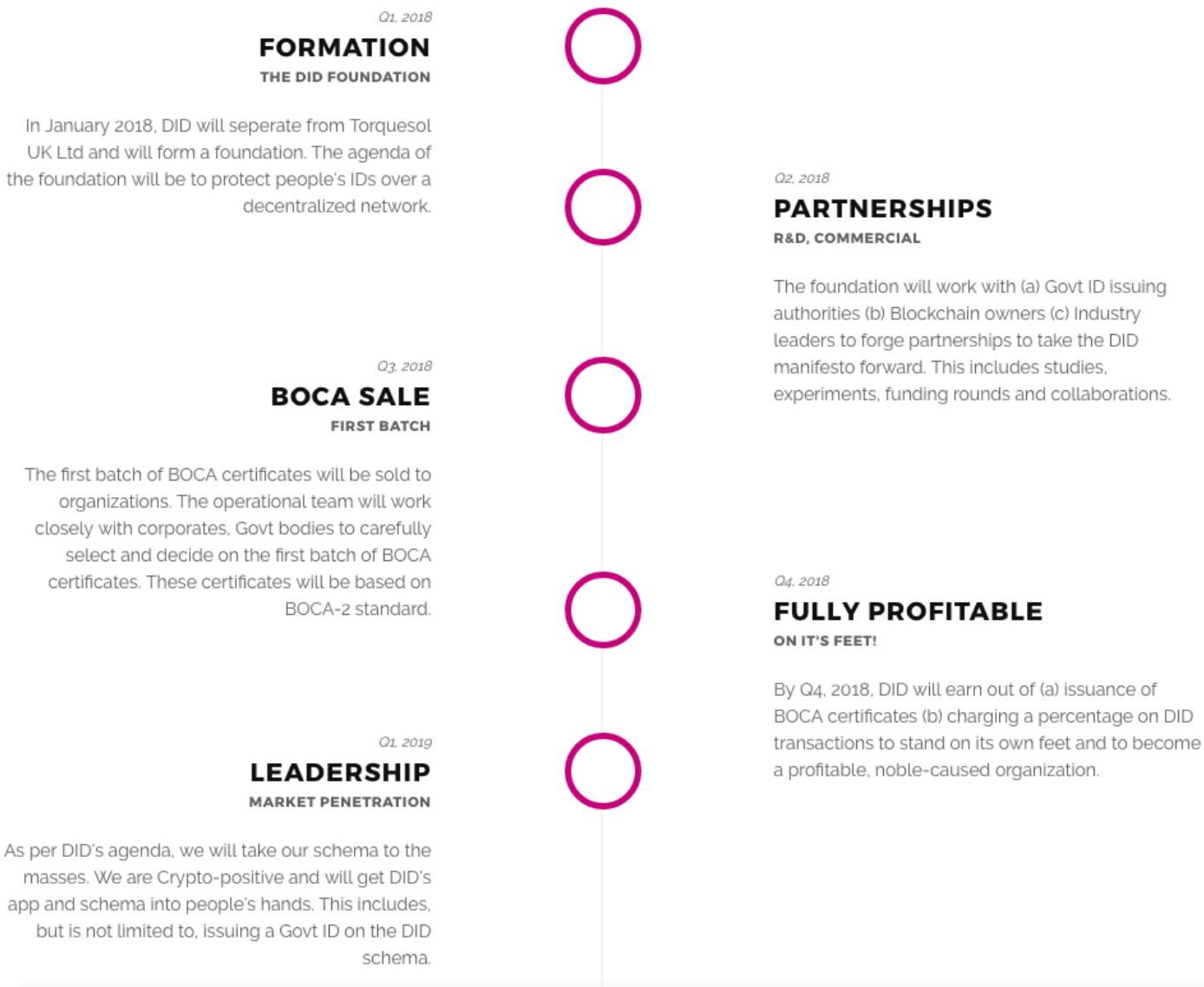
The DID foundation will be entrusted with ensuring that people's IDs are protected and in their control. The foundation will be seeking votes from all of its voting members to set a direction for the foundation and to direct the foundation on issues concerning their privacy and ID transfer in a Decentralized world.

All voting will take place in an Electronic format on a Blockchain. The votes will be available on a distributed ledger for inspection. We leave it to our members if they want to remove anonymity of their votes and claim entries on the distributed ledger. The resident members of the Foundation will carry out all voting procedure in a transparent manner. The foundation will be obliged to take to its members any and every proposal/decision that affects people's IDs.



## 2.10 The DID Foundation Timeline

With intentions of formation in April, 2018.



## 2.11 Join the Foundation

We are passionate about a Decentralized future. If you are too, join the DID Foundation. You can help the foundation by:

1. Becoming a Full Member (Acquiring DID tokens).
2. Becoming a Full Voting Member (Acquiring DID tokens & registering with the Foundation under the Charities & Trustee investment acts)
3. Giving us Feedback on software and schema.
4. Giving us advice and ideas on how to further develop the idea of a secure ID on decentralized networks.
5. Joining us on Twitter and helping to spread our message in any form.

The membership of the DID foundation is not restricted by a person's geographical location, colour, cast, creed, sect, religion, gender identification and/or any other attributes. The DID Foundation welcomes all. Please check with your local authorities if you are restricted from becoming the member of such a foundation.

In order to acquire DID tokens, please refer to our website for up-to-date information: <https://decentralized.id>



### **3. TECHNOLOGY PROPOSAL**

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**Note:** This chapter is an abridged version of the Technical Whitepaper.

**Please see our Technical Whitepaper at:  
<https://decentralized.id/docs/DID-tech.pdf>**

#### **3.1 ID & Privacy Proposal:**

The DID system proposes templates that ID-requesting authorities issue to a user. This template once filled by the user acts as a registration form as well as a data store. The application form is now downloaded on to your mobile and once filled is your property and you transfer it as you see fit. The proposal also calls for the subscribers to carry the data in a session for the period of length of the user's visit.

#### **3.2 Anonymous Verified Presence:**

DID proposes that instances where a user's presence is to be verified and the use details are not required, an anonymous "login" be allowed. In this fashion, a website, kiosk, official can confirm with surety the presence of a user without the user disclosing any information.

Example usages will be like: buying things online, attending a clinic, attending a festival, Public IoT devices etc.

#### **3.3 BOCA as a trusted contract:**

BOCA becomes the centre piece of the blockchain where trusted data transfer takes place. The subscribers listen and the users send data. Only trusted parties pass the contract. The contract becomes a channel for verification of the user as well as the ID requesting party.

### **3.4 Anonymous Transfers**

Given the ever-persistent state of the Blockchain, it is necessary to make sure that the user sending address is masked. This is achieved by HD wallets. The private key is always held by the user. And the multiple accounts under that HD wallet are used to perform ID transfers.

### **3.5 ID Requesting scheme:**

The ID requesting body also has a HD wallet. The extended public key is available with the DID foundation. The ID requesting authority will give out a random address under the HD wallet which only DID/BOCA can calculate to be coming from an issued provider.

### **3.6 Encryption:**

AES is used by the user to encrypt his data with the public key of the ID requesting party. Thus, only the ID requesting body can unlock the data sent by the user.

### **3.7 Logging rather than storing**

With Ethereum network, we figured out that logging is better than storing data in contracts. Storing data burns a lot of gas. Logging also transfers data and also makes the transaction immutable.

### **3.8 A complete Ethereum based micro-system**

We have employed the following Ethereum design ideas to base the software on:

1. Smart Contracts
  - 1.1. Logging
  - 1.2. Smart Contracts
  - 1.3. Events
2. HD Wallets
3. Transactional receipts

### **3.9 Back to the basics - Cryptology**

We have applied the core concepts of cryptology to make data encrypted, anonymous and immutable.

### 3.10 A very feasible scheme

Even given the restrictions of the current programming unit of the Blockchain world, we have come up with a solution that works for both parties. The system has recently moved from a 0.3 alpha to a 0.1 beta.

With this scheme we have:

1. Reduced the cost for an ID transaction
2. Made sure that user privacy is observed over the blockchain by anonymising the addresses.
3. Improved encryption.
4. Faster data transfer by observing events
5. Introduction of templates
6. A universal approach to ID

## 4. TECHNOLOGY FINDINGS



Note: This chapter is an abridged version of the Technical Whitepaper.

Please see our Technical Whitepaper at:

<https://decentralized.id/docs/DID-tech.pdf>

### 4.1 No Suitable Blockchain:

At the time of writing, there exists no blockchain that is truly public and stateless. All current blockchain technologies intend to store data. We just want to store the receipt of an ID transfer; not the data. In the matter of transferring an ID token/nugget, we only require a decentralised transfer of data. The data structures used by current blockchain technologies is restrictive and do not allow for expansion or abstraction.

We call for a new, stateless, public Blockchain.

### 4.2 No taxing computations:

We found Ethereum smart contracts unfit for computations that go beyond the basics. While we understand that the technology is just growing up, we found that not being able to do computations (like hashing) on the Blockchain is a major drawback. The global computational power isn't available for Dapps yet.

For true decentralisation, a transaction should be able to borrow the underlying computational muscle from the node(s).

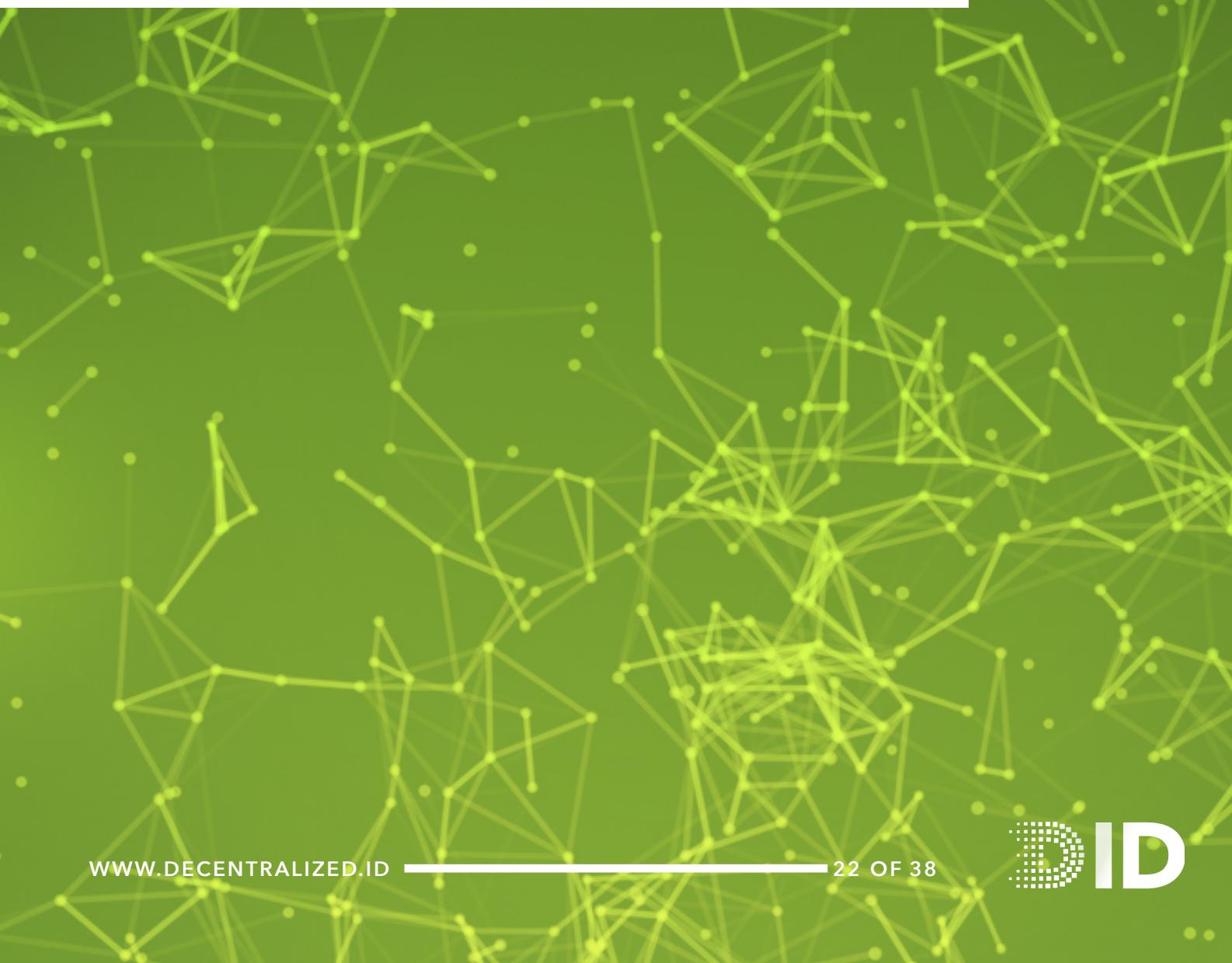
### 4.3 Lack of standardisation AND abstraction:

You can have one: Either define and standardise OR give the option to extend and abstract. Current Blockchain technologies are loosely tied together. While the genesis blocks are real; everything is immutable, we do believe that more abstraction needs to be provided with a Blockchain technology.

## 4.4 A Bright future ahead

We found it very possible, feasible and worthwhile moving a major operation to the Blockchain. This first implementation will further pave way to move from the Internet to the Blockchain. New technology is being made and discovered. This will further the cause of Decentralization.

Our final verdict: Think of moving your software and process to this new communications system. It's very possible.



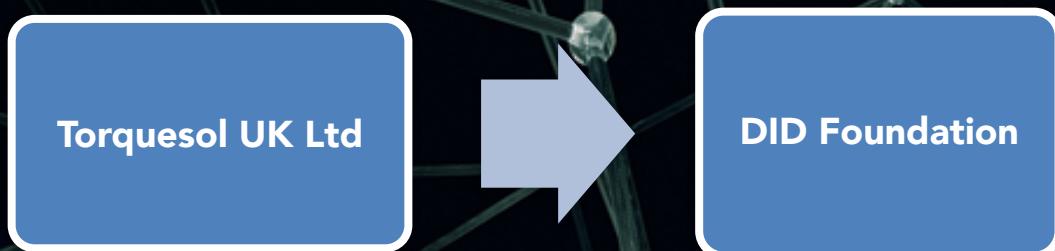
## 5. OPERATIONAL MODEL



### 5.1 Operational Model:

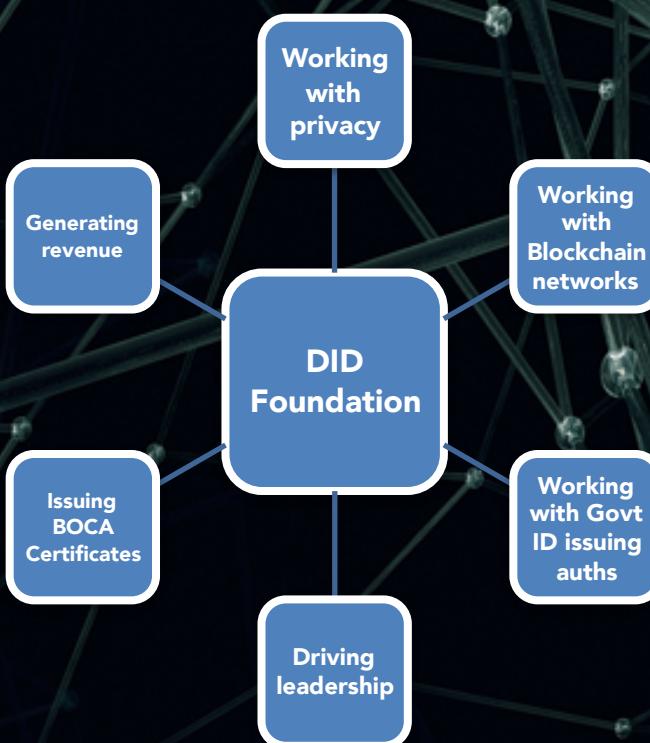
#### Foundation formation:

After a successful ICO, Torquesol UK Ltd will form a DID Foundation. As per the officialities, M/s Torquesol UK Ltd will neither be a part of the foundation nor control it. The Foundation will be independent, free and democratic. The foundation is independent and may decide to use any other vendor for its technology requirements. Torquesol UK Ltd will form the DID Foundation with **ALL** contributions received through the ICO.



#### Operations of the Foundation:

The independent DID foundation will set its own charter and operate with the help of permanent, voting and full members of the organization.



# Join The DID Foundation Today!

---

## 5.2 Monetization

The proposed DID Foundation is a non-profit organization with the agenda of protecting people's IDs on a decentralized network. All profits from the Foundation will be re-invested within the foundation to further its agenda.

The Foundation will have the following monetization channels:

1. Charging a percentage on top of the operational costs of an ID transfer. This rate varies between 6%-15% as set by the foundation. The fees for an ID transfer are either paid by the sending party or the receiving party. We envision going towards a million transactions by the end of 2018.
2. Issuance of BOCA certificate. The BOCA certificate is a certificate issued to ID requesting bodies to identify their requests. This will be a charged service and the organizations planning on using the BOCA certificates will have to contact the DID foundation to avail these services.

## 5.3 Who pays for the DID Transaction

We understand that in it's alpha and beta stage, the DID transactions fees may be deemed high for an average user. This is because of the Gas costs of the underlying decentralized network (Ethereum in our case). The DID transaction cost is paid:  
Either by the user:  
P2P ID Verification, logins etc.  
Or by the requesting body:  
ID checks, logins, ID issuance etc.

In a scenario where the ID requesting party is ready to bear the cost of the transaction and provide login for free, we call such a transaction a "sponsored transaction". Sponsored transactions are fully paid for by the requesting party to encourage user login and will not incur any fees to the end user.

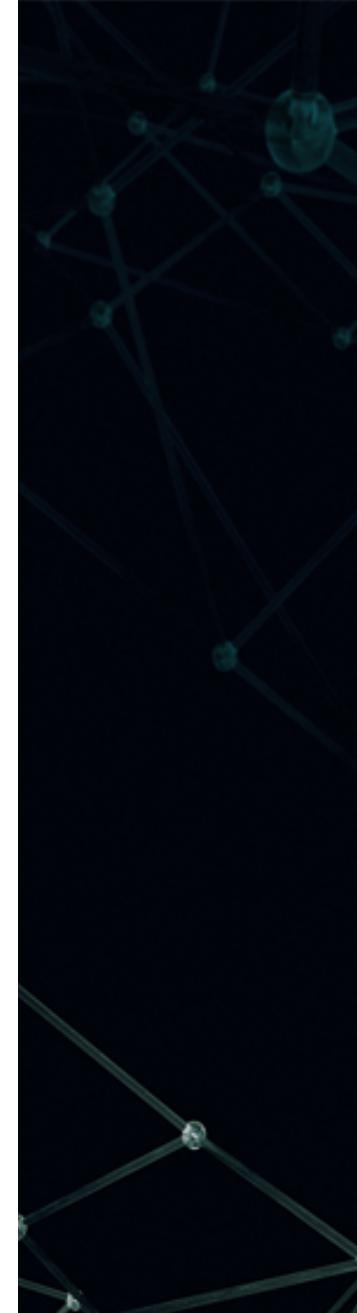
## 5.4 Leadership

The DID foundation will be the first non-profit Blockchain organization working towards privacy and users' control over their data. We feel that it's our duty to be Crypto-Positive and to spread this new leap in technology among the masses. The foundation will hold regular events and activities to introduce the crypto world to the masses. We will present a positive image of the Decentralized world in front of the masses and try to cancel out all the negative propaganda about the Crypto-world.

The foundation will regularly:

1. Advertise crypto-positive messages
2. Provide technology previews to organizations
3. Provide organizations help to better understand and implement Decentralized networks
4. Host and participate in public events
5. Support budding Decentralized projects
6. Support Crypto online communities
7. Contribute towards Privacy protection groups
8. To provide (where applicable & possible) legal and any other help to a Decentralized project where the governing authority of the territory has issues with the operations of the said project.
9. To promote rights of the people concerning their ID and privacy at every platform.

**Torquesol UK Ltd will form the DID Foundation with ALL contributions received through the ICO.**



### 6.1 Why a crowdsale?

For the DID platform to be truly decentralized, a large group of supporters is required. Traditional investors - as a small group - would gain control of the network and they would ultimately act in their best interest, and not in the best interest of the users and the community. So we came to the conclusion that only a Blockchain-driven crowdsale utilizing an Ethereum ERC20 token can provide the required amounts and quality of funds to achieve our vision with this truly decentralized network and provide enough fuel for the platform to run. In addition, to carry out the agenda of the Foundation, an initial round of funding is required which will set this foundation into motion. ALL funds generated by the ICO will be forwarded to the DID Foundation.

### 6.2 The offering - DID Token

The primary currency of the platform. This token is used as an in-app credit that is spent to recover Gas costs. The token also gives its holders the rights to vote in DID Foundation's proposals.



Decentralized Network:	Ethereum Mainnet
Token Contract Address:	0x315970bE5a362Fc89ab4240c52A78043211FFF1E
Token Symbol:	DID
Decimals:	18

# Public Token, Public Usage, Public Network

---

## 6.3 The DID Token & Voting

All holders of the ERC20DID tokens will be eligible to vote in all proposals put forward by the DID foundation. How will this be achieved:

1. The Foundation will post a proposal along with a contract address on the Blockchain
2. A time will be specified up to which members can vote.
3. Members will send a specified number of DIDs to the contract addresses answering a Yes/No poll.
4. At the exhaustion of poll time, all votes will be counted and a proposal will come into force by the Foundation.
5. Members will receive their DID tokens back to their originating accounts.

How to start a petition:

All DID holders will be able to start a petition and the Foundation will consider all proposals made by its members. To start a new petition, the Foundation will publish a contract address for its members to send their proposal to, along with a specific number of DIDs to confirm their membership of the Foundation. The Foundation, after confirming the membership of the member, will return the

DIDs to the member and put the proposal in front of the board.

## 6.4 Token usage

The DID Token is an in-app credit that also shows your membership of the DID foundation. The DID token can be used to:

1. Perform DID transactions:
  - 1.1. Sending ID
  - 1.2. Receiving ID
  - 1.3. Issuing ID
  - 1.4. Checking ID
  - 1.5. Buy services (an example is available on the website)
  - 1.6. Exchange for goods and/or other services in the marketplace
  - 1.7. Perform API requests
  - 1.8. Voting with the DID Foundation (DIDs are returned to the originating address)

## 6.5 TOKEN FACT SHEET

### DESCRIPTION:

THE PRIMARY CURRENCY OF THE PLATFORM. DID TOKENS ARE IN-APP CREDITS THAT USERS USE WHENEVER THEY WANT TO DO AN ID TRANSACTION.

### TOKEN NAME:

DECENTRALIZED ID TOKEN

### TOKEN SYMBOL:

DID

### INITIAL SUPPLY:

20 BILLION TOKENS. 20,000,000,000

### FINAL CIRCULATION:

2.232 BILLION TOKENS. 2,232,281,871

### TOKENS FOR SALE:

1.763 BILLION TOKENS. 1,763,502,678

### PERCENTAGE OF TOKENS FOR SALE:

79%

### WHERE TO GET DIDS:

(A) FROM THE FAUCET: BY INSTALLING THE DID-LINK APP  
(B) BY PARTICIPATING IN THE (PRE)ICO.  
(C) BY EXCHANGE/TRANSFER

### ICO DATE:

STARTED 04/01/2018

### ICO PHASES:

PHASES 0 - 5  
PHASE-5 ENDS: 04/03/2018

### CURRENCIES ACCEPTED:

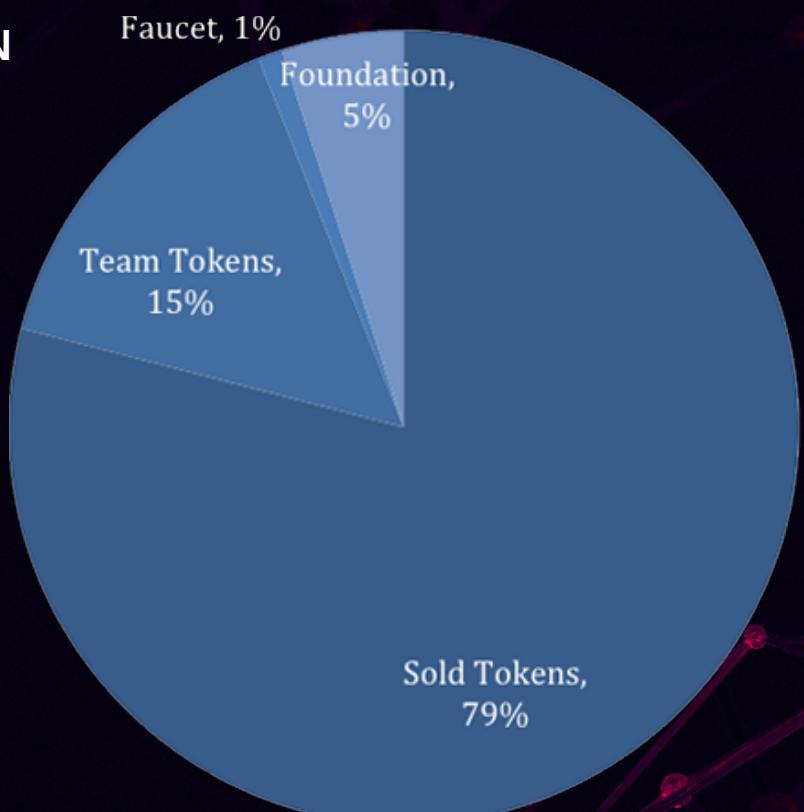
BTC, ETH

### DID ROADMAP:

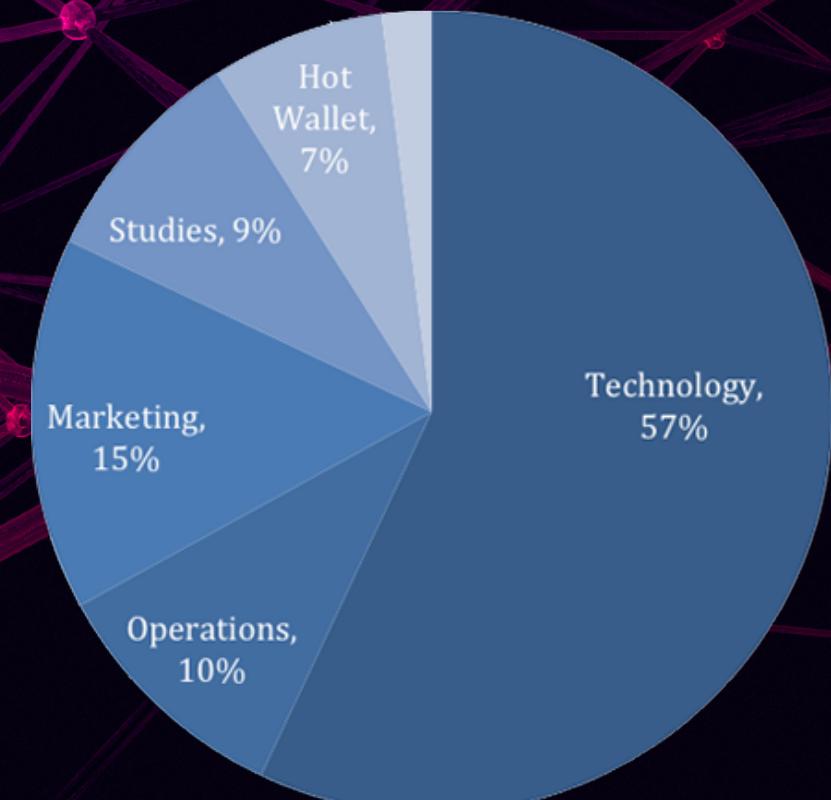
THE FOUNDATION WILL ATTEMPT TO PROVIDE MORE ID TRANSACTIONS PER DID CONSUMED TO INCREASE THE TOKEN'S WORTH.

## 6.6 TOKEN DISTRIBUTION

TOKENS	ALLOCATION
1763502678	SALE
334842280	TEAM
111614093	FOUNDATION
22322818	FAUCET



## 6.7 UTILISATION OF RAISED FUNDS



# Start Using Your DID Tokens Today!

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## 6.8 Token Plans

Increase in Usage is equal to an increase in Value. We envision DID transactions touching a million txns by the end of 2018. The DID foundation will support more and more marketplace apps, 3rd party integrators and BOCA certificate holders to offer login via DID.

Example: We are working with a Crypto Casino company to provide login with DID to play. The DID foundation will actively encourage app developers to develop for the marketplace.

The DID foundation will work towards the goal of making your DID go a longer way. This will be achieved by moving to a different Blockchain where gas fees are lesser and the transactions are quicker.

Example: Right now, 5 DID tokens are used to perform an ID authentication. In the near future, 2 DID tokens would provide 1.5 - 2 times ID transactions. Thus your DID will go a longer way, increasing it's worth.

## 6.9 Post-Crowdfunding trading

DID is a utility token. While we cannot guarantee substantial liquidity levels of the DID Token until the platform is fully deployed, we will make every effort to enable the growth of the liquidity market right from the start. The tokens will not be locked and will be tradable right from the time of issuance.

## 6.10 Liquidity

Our goal is high levels of liquidity on the DID Token (DID) market. This is achieved through the laws of supply & demand. Through subscription and transaction fees for each of our services we gain more market share, the demand for DID increases thus creating buy-side liquidity.

## 6.11 Restrictions

*Crowdsale Coins:*  
No restrictions for crowdsale participants.

*Team Coins:*  
Locked for 9 months after ICO if not already spent  
*Foundation Coins:*  
Locked for 6 months after ICO.

*Faucet Coins:*  
No restrictions for any DID holders.

### 7.1 Legal Structure

#### DID & DID Foundation:

DID and the proposed DID foundation are projects of Torquesol UK Limited. It is intended that in April 2018, after a successful ICO, the DID Foundation be separated from Torquesol UK Limited and registered as an independent non-profit foundation with the Charities commission in the UK.

#### Torquesol UK Limited:

Registered in England & Wales: Coy. No. 07360412

Registered Offices: Gresham House, 24 Holborn Viaduct, EC1A 2BN, London, UK

Contact Email: [3rdparty@torquesol.co.uk](mailto:3rdparty@torquesol.co.uk)

## 7.2 Team

### Sheikh Abdullah Naveed

CEO & CTO  
ps2san@torquesol.com



*"I've seen the future - and it's decentralized".*

[Profile Link](#)

A seasoned, serial entrepreneur with multiple IT and media holdings and partnerships in the UK, UAE and Pakistan. With over 10+ years of an experience working with and starting startups, Mr. Naveed is in a perfect position to lead the DID revolution. Coming from a Digital agency background, he is very concerned about how people's IDs are being used and abused. He is an avid advocate of privacy online.

### Sebastien Denis

Project Manager & FinTech Markets Expert  
sebastien@decentralized.id



*"Blockchain technology might be the most important development in the world right now".*

[Profile Link](#)

Senior leader and FinTech enthusiast passionate about emerging and decentralized technologies and crypto-economics. Experienced in developing and enhancing strategic business relationships between technology, sales and products teams. Member of ICAEW and the Institute of Directors.

### Javed Afzal

Foundation Advisor  
javed@decentralized.id



*"I have a feeling we will see this revolution happening within our lifetimes".*

40+ years of accountancy and company law experience in the UK, Mr. Afzal is a member of ICAEW and is a well-respected name in the field. He has been with the organization right from the start and guides the organization around Financial planning and legalities. He has his claws sharpened for the FinTech world!

## 7.2 Team - Continued

### Dolciebella Elliott

Blockchain Technologies  
Enabler  
dolcie@decentralized.id



*"Africa is ready for the Blockchain; and I will implement it with my own hands".*

[Profile Link](#)

Msc. FBCS, has some 20 years IT industry experience under her belt. Her prior experience has been as solutions architecture with exposure and focus in the financial industry having done projects with institutions like the Royal Bank of Scotland, Barclays Bank, The 4 Central European Banks and The Bank of Tokyo.

### Geoffrey Emerson

Communications Manager  
& Privacy Thought leader  
geoffrey@decentralized.id



*"This gives us a chance to undo the mistakes the corporate has made over the years".*

[Profile Link](#)

30+ years in the marketing and digital communications field, Mr. Emerson is a well-respected name in the field and is joining the DID foundation efforts out of pure devotion to privacy. He is a regular speaker at industry events and is followed by peers and experts alike.

### Audrey Friel

Liaison Manager  
audrey@torquesol.co.uk



*"This is a change and a brave new world. Let us embrace it!"*

[Profile Link](#)

Audrey Friel is a thorough professional working in the IT field for over 25 years with a background in management and sales of communication systems. She has been with Torquesol UK Ltd for over 3 years now and is always the first voice of reason when an idea is being discussed. She also handles all activities surrounding business sales and management.

## 7.2 Team - Continued

### Kaitlin Argeaux

Relationships Manager  
kaitlin@decentralized.id



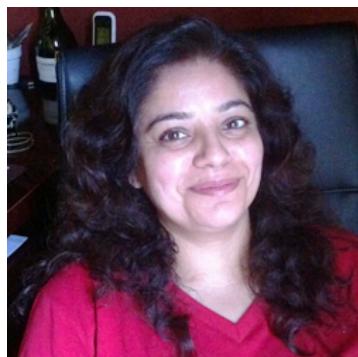
*"I believe that people should have more control over their identity, both online and in real life. A decentralized identity offers us just that".*

[Profile Link](#)

An artist, a businesswoman and a crypto-fan - all in one. Kaitlin has been managing corporate accounts in London for over 6 years. She is friendly, articulate and knows how to close a deal. She believes that good relationships are key to success.

### Blossom Maqbool

Development Team  
blossom@torquesol.com



*"This changes everything! It's a whole new world..."*

[Profile Link](#)

Ms. Blossom looks after the development and agency teams to deliver the final product. She has been with the company since its inception and has her own office now! She has a decade long experience in IT outsource environments and is at home there.

## 7.3 Advisors

### David Drake

Chairman LDJ Capital



<https://www.linkedin.com/in/ldjcapital/>

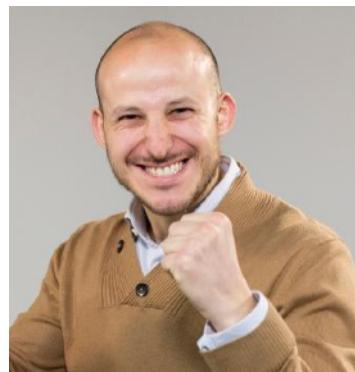
David Drake is the Chairman of LDJ Capital, a family office based in NYC; Victoria Partners, LDJ Real Estate Group; Drake Hospitality Group; and, The Soho Loft Media Group. LDJ Capital's extended network of funds-of-funds and hedge funds manages 1.5 trillion USD in assets. The Soho Loft Media Group has produced and sponsored over 1500+ global finance conferences since 2002. David Drake is actively involved in the crypto community as an advisor and speaker and he

has helped blockchain firms he has advised raise \$101M in funding through their respective ICOs.

### Kevin Monserrat

Microsoft, Head of Investments Microsoft London

<https://www.linkedin.com/in/kevinmonserrat/>



As Entrepreneurship Expert at Oxford Business School, Kevin helps to build the vision of The Entrepreneurship Center. Prior to his current role in Microsoft Accelerator London, Kevin was Head of Business Development and Partnerships for Ztudium a big data business

intelligence provider for business finance and markets where he built a fierce reputation with Private Equity/Emerging Hedge Fund Manager and Global Alternative Investment Manager/GAIM and CAIA.

### Joe Rubin

ARC Angels Funds  
(Greenwich, CT, NYC)



<https://www.linkedin.com/in/joerubin/>

ARC has 70 Angel members and has invested in 12 companies so far in the early-stage tech, mobile, healthcare IT and e-commerce sectors. Joe is also the Director and Co-Founder of

## 7.3 Advisors - Continued

and web enabled services sectors. Joe is also the Director and Co-Founder of FundingPost.com. FundingPost has been introducing entrepreneurs to investors nationwide for over 11 years through its Online Venture Exchange, Dealfow Magazine and its Venture Capital and Angel Investor Conferences in 22 cities nationwide. Joe has also invested in 11 seed deals over the past 7 years, including Sticky, Inc. (acquired by DeviceVM), Senscient, Revstor, Fly- cast, Giftworks, Virtus Sensors, and CIMA Systems.

### Keith Kaplan



Tesla Foundation - Founder Cybersecurity, Drones, Robotics & Artificial Intelligence education (Los Angeles)

<https://www.linkedin.com/in/keithrkaplan/>

He is a Co-Founder of the Tesla Foundation, and currently its CEO. Keith leads the Tesla Foundation in accomplishing its mission to create, promote, and protect Innovation as well as the steps needed to commercialize these breakthroughs via the power of research and education. The Tesla Foundation's Initiatives are focused on connectivity, autonomy, big data, cyber security, education, commercialization, and educational events. Keith He has been in meetings at the White House and speaks at major conferences and symposia globally.

### William Bill Davis III

Former Chief Cybersecurity Officer Daopay, Global Payments(NYC)



<https://www.linkedin.com/in/william-bill-davis-57698750/>

Bill created a Strategic Plan for "Banking" at American Express which contributed modestly to a quick emergence from the credit crisis with \$3b in earnings while competitors took loses during the period. Bill is a tenacious leader with extensive experience in Core Business Systems & Processes, Data Warehouse/Business Intelligence practices, Performance Management increases, Customer and Product Profitability growth.

## 7.4 Democratic Foundation

The outcome of our ICO is the formation of the DID foundation, which will be entrusted with ensuring that people's IDs are protected and in their control. The foundation will be seeking votes from all of its voting members to set a direction for the foundation and to direct the foundation on issues concerning their privacy and ID transfer in a Decentralized world.

All voting will take place in an electronic form on a Blockchain. The votes will be available on a distributed ledger for the world to see. We leave it to our members if they want to remove anonymity of their votes and claim entries on the distributed ledger. The resident members of the Foundation will carry out all voting procedure in a transparent manner. The foundation will be obliged to take to the public any and every proposal/decision that affects people's IDs.

## 7.5 Mission & Vision

The mission is to figure out new ways using a Decentralized network to put people's IDs back in their control.

The Vision of the DID foundation is a shift away from what ID is in today's world with emphasis on security, privacy and decentralization of control.



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MEDIA ENQUIRIES: [KAITLIN@DECENTRALIZED.ID](mailto:KAITLIN@DECENTRALIZED.ID)

TECHNICAL ENQUIRIES: [BLOSSOM@TORQUESOL.COM](mailto:BLOSSOM@TORQUESOL.COM)

PARTNERSHIP ENQUIRIES: [AUDREY@TORQUESOL.CO.UK](mailto:AUDREY@TORQUESOL.CO.UK)

IMPLEMENTATION ENQUIRIES: [DOLCIE@DECENTRALIZED.ID](mailto:DOLCIE@DECENTRALIZED.ID)

FOUNDATION ENQUIRIES: [JAVED@DECENTRALIZED.ID](mailto:JAVED@DECENTRALIZED.ID)

FINANCE & EXCHANGE ENQUIRIES: [SEBASTIEN@DECENTRALIZED.ID](mailto:SEBASTIEN@DECENTRALIZED.ID)

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