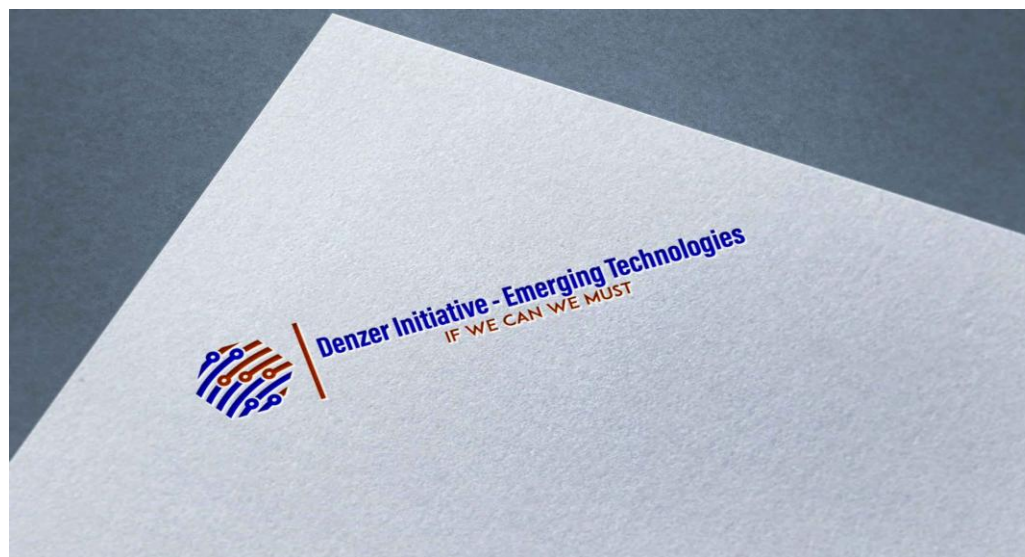
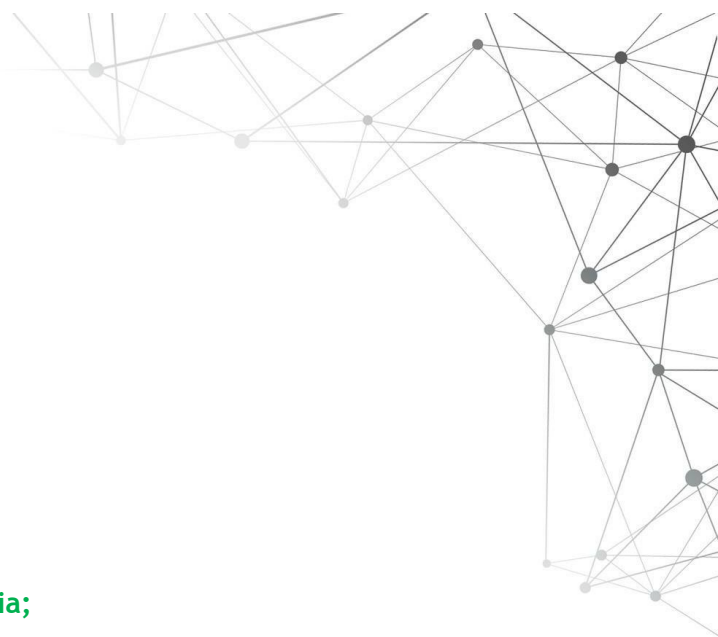


DENZER INITIATIVE
INICIATIVA DENZER



Project Ad Astra **WHITEPAPER** VERSION 1.0



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2018

Legal Disclaimer	3
Introduction	4
Company Background	4
History.....	4
Core Objectives.....	4
Two Suits	6
Can I Help?.....	6
Denzer Token ERC20 Smart Contract.....	8
Token Allocation And Supply	10
Project Development	11
Roadmap	12

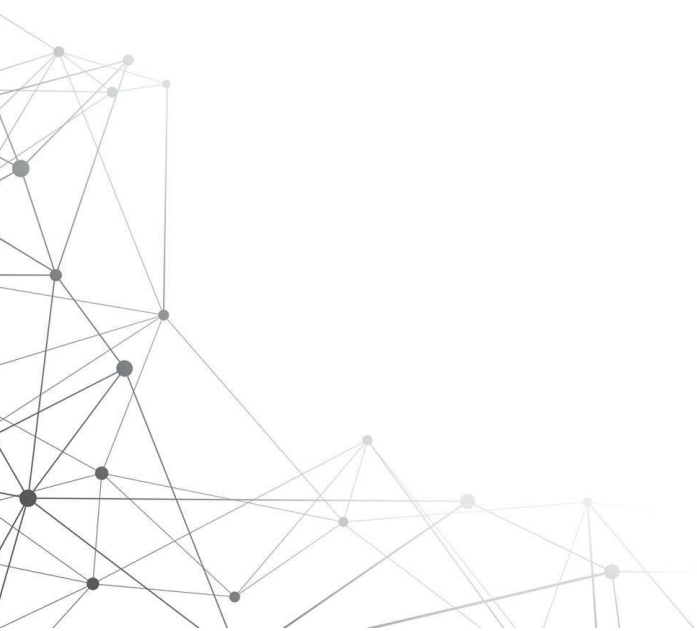


Legal Disclaimer

The purpose of this White Paper is to present The Denzer Token, its technology, business model and the Denzer token to potential token holders in connection with the proposed ICO. The information set forth below may not be exhaustive and does not imply any elements of a contractual relationship. Its sole purpose is to provide relevant and reasonable information to potential token holders for them to determine whether to undertake a thorough analysis of the company with the intent of acquiring Denzer Tokens. All relevant legal information is contained in the Token Purchase Terms and the Token Purchase Agreement. This White Paper does not constitute an offer to sell or a solicitation of an offer to buy a security in any jurisdiction in which it is unlawful to make such an offer or solicitation. Neither the BSE nor the United States Securities and Exchange Commission nor any other foreign regulatory authority has approved investment in the tokens. The Denzer token can be categorized as utility token.

All relevant legal information is contained in the Token Purchase Terms and the Token Purchase Agreement. Certain statements, estimates and financial information contained herein constitute forward-looking statements or information. Such forward-looking statements or information concern is known and unknown risks and uncertainties, which may cause actual events or results to differ materially from the estimates or the results implied or expressed in such forward-looking statements. This English-language White Paper is the primary official source of information about the Denzer token.

The information contained herein may be translated into other languages from time to time or may be used in the course of written or verbal communications with existing and prospective community members, partners, etc. In the course of a translation or communication like this, some of the information contained in this paper may be lost, corrupted or misrepresented. The accuracy of such alternative communications cannot be guaranteed. In the event of any conflicts or inconsistencies between such translations and communications and this official English-language White Paper, the provisions of the original English-language document shall prevail



Introduction

The Denzer Initiative's project "Ad Astra" objective is to design and produce cheap and reliable pressurized suits for balloonists and astronauts that can withstand the low pressure in the stratosphere and the vacuum of space.

The current pressurized suits created by governmental agencies cost from tens of thousands up to tens of millions of dollars, that price is extremely prohibitive for the average person and they are not commercially available.

Some of the current limitations for balloonists are related to the lack of oxygen and pressure in high altitude flights by the fact that at around 19,000 m (62,000 ft) (Armstrong Limit) water boils at body temperature and pressurized suits are required. Project Ad Astra's main goal is to develop a pressurized suit that can withstand the harsh environment of the stratosphere, allowing people to fly over the Armstrong Limit.

More advanced and more resistant pressurized suits will be designed in the future.

1.1 Aims And Vision

Denzer Initiative is an initiative for revolutionary projects in areas related to emerging technologies, cryptocurrencies and space exploration for civilians, our mission is to create projects that will incentivize progress in these areas and to inspire people to create world-changing projects allowing the average person to help and build a better future.

Second Part Of Ad Astra Project

The second stage of the Project Ad Astra is where we will develop a high-altitude balloon and make a real test with the pressurized suit in the stratosphere. The test will be streamed in real time and open for everybody..

2.1 Meet Our CEO And Founder

Darci Denzer was born in Curitiba, Brazil. He is an Electronics Technician

He started working at the age of 12 and has carved his niche in the technology industry. During his career, he has also worked as English-Portuguese translator because he is a Portuguese Native language speaker.

He is currently a co-founder and CEO of Tor Informática (Computer and smartphones repair shop) and recently joined The Mars Society as a Member.

All in all, he is a fearless leader who will do whatever it takes to bring about results.

Ad Astra Aims To Develop Two Suit

We plan to develop two kinds of suits, a simple one that needs an external device to provide life support (Like an IVA suit) and one with built-in life support (Like an EVA suit)

3.1 The Suits

All the materials used in the suits must be carefully tested and selected before becoming part of the suits, there is not room for mistakes, any mistake could result in dangerous situations for the user, for this reason we will not save on research and development, the money we use on research and development will help to make the suit cheaper and safer for the end user

We have some candidate materials to be part of the garment and clothing, these parts need special materials capable of resisting the vacuum and temperature variation of the space, flame resistant, resisting the internal pressure and having protection against radiation present in the stratosphere.

The helmet will need extra protection against UVA, UVB radiation due to the fact that they will have more intensity because of the thinner layer of atmosphere, and we also have in mind the UVC radiation that is filtered by the ozone layer. The helmet will also have indicator LEDs that will give information about all the equipment being employed in the suit, allowing the suit user to be aware of the overall status of the suit including pressure and Co2 level.

The pressurized suit as the name says, need to hold pressure, the pressure suits used in the space shuttle era used to be a bit over 4 pounds per square inch (psi), our objective is making a suit that can hold this pressure for normal use on the stratosphere and allowing mobility, and we are also planning on developing in the long run an extra resistant suit that can withstand all the atmospheric pressure we are used to, this way creating an opportunity for potential users who wish to fly in high altitudes but suffer from health problems created by the lower pressure, a super resistant suit

would also eliminate the need for the user to pre-breathe pure oxygen before using the suit.

3.2 Can I Help?

We will create a special channel where everybody who wants to help the project by doing researches and helping on development can join us and help to make a better future.

3.3 Re-Breathing

Our suits will have a re-breathing system; this will help to save space and weight. Our re-breathing system will probably be based on Soda Lime due to its cost-benefit and maybe Lithium Peroxide, making the suit able to be used for a longer period without making the suit expensive or heavy, reducing considerably the amount of weight in oxygen tanks.

3.4 Re-usable Suit And Single-Use Suit

We plan to firstly develop 2 types of suits, a low-cost reusable suit and an ultra-low-cost single use suit.

We know some people cannot afford high altitude flights very often and requiring an extra cheap suit for a single use.

3.5 Hot-Swap Technology

The co₂ scrubbers have a limited capacity, for this reason we plan to develop a hardware with hot-swap technology.

This will allow the co₂ scrubber to be replaced while the suit is still in

use, allowing the user to extend the time wearing the suit, and without needing to

return to a pressurized environment for replacing the CO_2 scrubber, so the CO_2 scrubber can be replaced even in a vacuum environment.

3.6 Suit's Name

SK-1, Orlan, Yastreb, AX-5, Skylab A7L are known spacesuit names.

Like most suits, our suit will also have a name, and it will be named in honor of the largest contributor (token buyer) or the name they choose.

3.7 Fire And Water Resistant

Fire resistance is a necessity in a 100% oxygen environment, for this reason the suit will be made with fireproof material like Nomex.

Water molecules are smaller than O_2 molecules, for this reason we also need to create a water resistant suit, to avoid problems in case the user find him/herself in a wet environment, like a raining day or landing in a lake.

3.8 Suit Test In Real Use

We will test the suit flying in the stratosphere with the help of a gas balloon. The test will be recorded and transmitted in real time.

Denzer Token

The Denzer token (Denzer) is an ERC20 token created for supporting Denzer Initiative's projects.

The Denzer token (Denzer) is a Utility Token, and as so we do not hold responsibility about market price. The Denzer token pre-sale and ICO are ways for funding Denzer initiative's projects, such as Ad Astra Project. We are NOT offering securities of any kind nor any kind of asset.

After the conclusion of the suit development, we plan to put the pressurized suits on the market, allowing anyone interested to buy the pressurized suits online.

We will also accept the tokens as payment method for pressurized suit sales we will offer a discount for people who pays with Denzer Tokens.

Pressurized suits sales might have regulatory restrictions in some parts of the world.

4.1 Denzer Platform And Denzer Blockchain

In the near future we will create the Denzer Platform, a platform for amateur space exploration, where people can share skills, knowledge, experiences, finding partners for their projects and much more.

We are also studying the possibility of creating a whole blockchain in the future, if so, all Denzer tokens might be changed for Denzer Blockchain equivalent.

4.2 Marketing

We will use part of the procedures from the token sales for marketing campaigns and paid exchanges listing for the tokens. We want to list Denzer Token in as many exchanges as possible and in sites like CoinMarketCap.

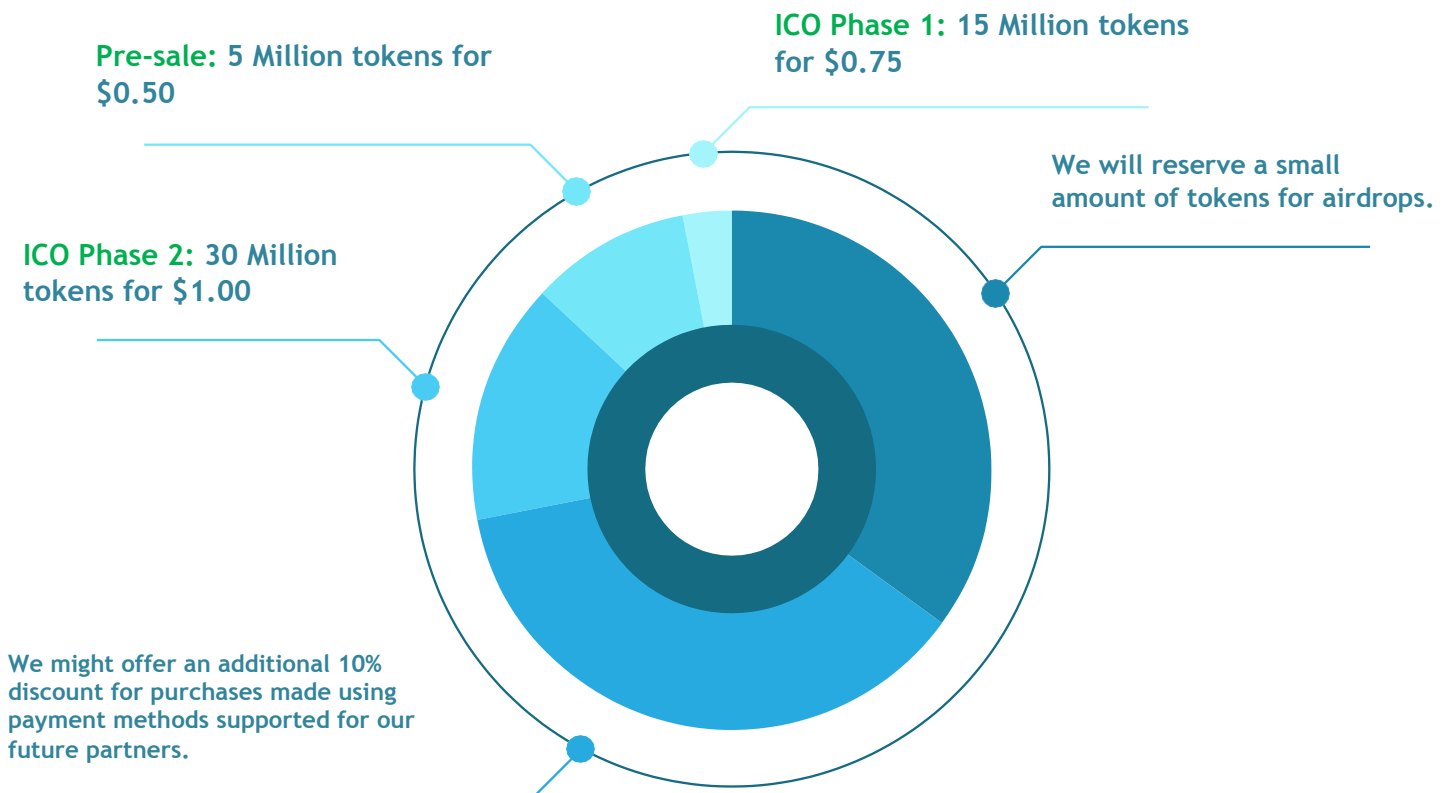
4.3 The Denzer Token ERC20 Smart Contract Token

Smart Contract Ethereum allows the running of decentralized code in conjunction with smart contracts, enabling reliable services and payments handling. Smart Contracts are a central component of next-generation blockchain platforms. Due to the contracts' self-executing nature, single party manipulation is averted because control over the execution of the smart contract does not fall into the hands of a single party. Hence, it could be said that smart contracts provide autonomy, trust, speed, and safety. Denzer token smart contracts are computer protocols in the Ethereum blockchain that facilitate, verify, negotiate and conclude contracts between individuals and their contracting party. All smart contracts are connected to one "super smart contract"(SSC) but don't lose their rights. If a smart contract cannot be fulfilled due to performance impossibility, then the! Thanks to the trustworthy nature of smart contracts, many of the industry problems can be mitigated or extinguished.



4.4 Token Distribution

50 Million Denzer tokens (Denzer) will be generated. No more tokens will be created.



For the development of the Denzer token cryptocurrency and blockchain platform, The Ad Astra Company is looking to Raise 50 Million Denzer token in a crowdsale. The total company supply will be millions proof of stake tokens. 50 million tokens will be sold while the remaining tokens will be reserved for bounties and referrals.

OPEN SOURCE OR CLOSED SOURCE TECHNOLOGY?

The Denzer Initiative will allow the contributors to decide between open or closed source software and hardware. Closed-Source is also known as Proprietary.

There are 4 possible models to be chosen

- 1) Open Software and Hardware
- 2) Proprietary Software and Hardware
- 3) Open Software and Proprietary Hardware
- 4) Proprietary Software and Open Hardware

Here is the comparison between open and closed source:

Open-Source:

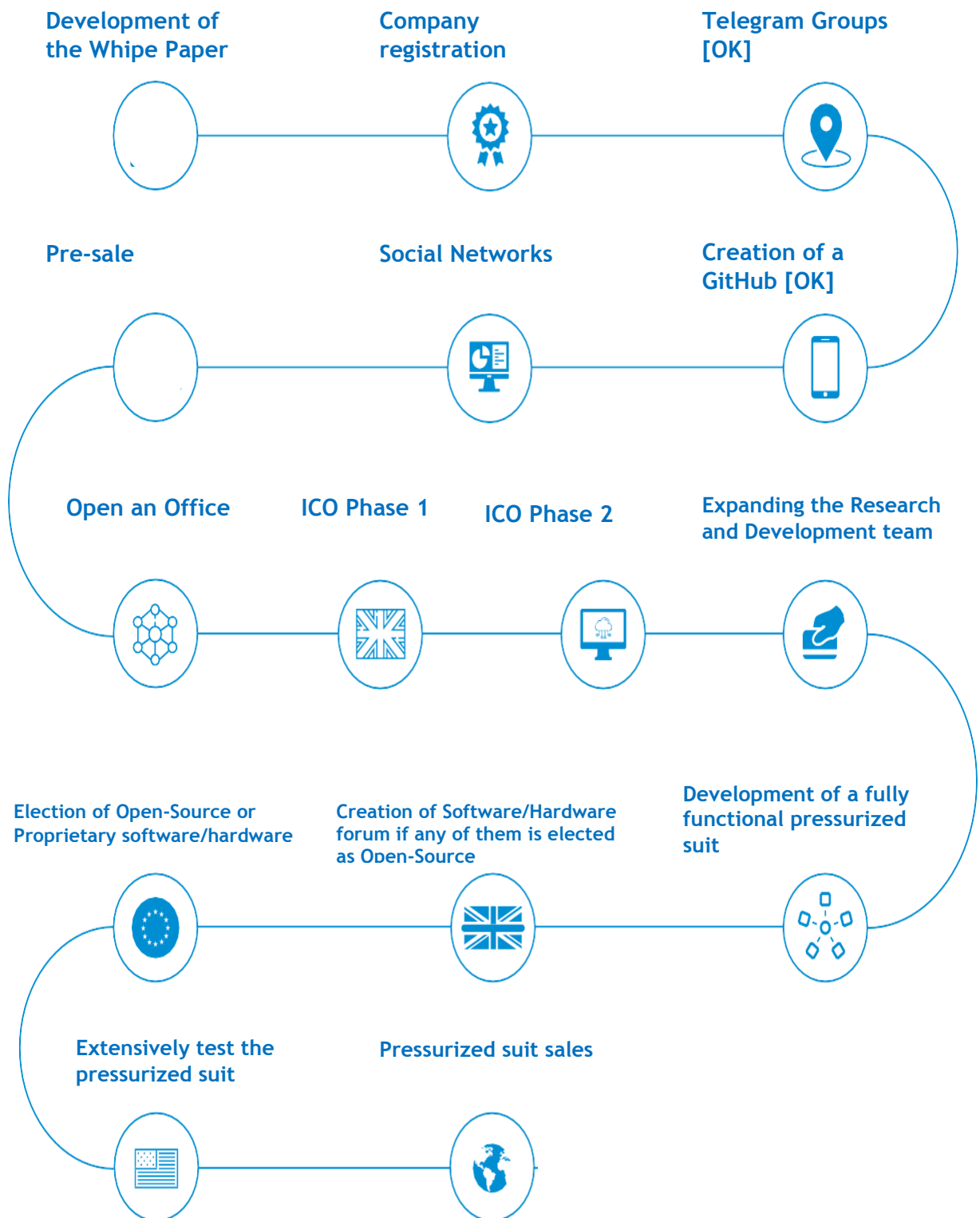
- Possibility of external development, allowing the community to help designing, creating and even testing
- Larger development group
- More secure due to a higher number of people working on it
- More transparency
- Lower cost
- More competition, increasing the number of industries copying the hardware/software and creating products based on it
- Open Schematics

Closed Source:

- Possibility of creating unique software and hardware
- More secure against hacking due to the fact that less people will know how it works
- Less competition, increasing the uniqueness of the product and creating a possibility for more profit

Some people value the Freedom to use and modify their belongings as they please, if the open source model is chosen, then we will follow the ethical model and rules of The Free Software Foundation (FSF), allowing the user to modify the software/hardware at will. We will also create instruction guides for safely modifying the suit's software/hardware.

RoadMap



DISCLAIMER

We are not offering a virtual commodities/stocks, this means that by participating in our ICO sale you will not be buying a stock but you will be making a donation and receiving Denzer tokens in exchange of your donation.

For privacy reasons we will not sell your data to any third party and we will not have discrimination towards any nationality, this means that we will accept participants all over the world. We recommend you to consult your local laws before participating, we will not hold any responsibility for them. We will work hard to list our tokens in exchanges and to create use for them, but we will not hold any kind of responsibility about the token's price nor any other kind of financial/judicial responsibility. We are a tech startup, our responsibility is to work on tech products and to the research and development of pressurized suits.

We recommend U.S.A and China Citizens to not to participate in the ICO since we are not a SEC nor a People's bank of China trusted/registered entity.

According to the professional opinion of our legal advisors, based on the Howey Test, Denzer Tokens should not be deemed as securities.

WE reserve the right to use the project funding to be used in the research and development of pressurized suits and in marketing and improvement of Denzer Initiative's name, projects and tokens.

SPECIAL THANKS

We are thankful and dedicate this page for the people who directly or indirectly helped us in our project.

Alex C. B.

R. M. Stallman

J. Natanael

D.C

T.F

Nils M. Tiemann

