

**RHINO COIN**

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**WHITE PAPER**

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## 1. Executive Summary

- 1.1 Rhinoceroses (“rhino”) should be able to roam freely in the wild without the fear and the threat of being killed for their horn. However, with the continuous slaughtering through poaching, this is not a reality.
- 1.2 While the *trade versus anti-trade* debate rages on, rhinos are dying: massacred without mercy for their horn. We don’t believe there is one perfect solution; one flawless right, or wrong. We do not claim to have all the answers, but we intend to do whatever we can to save our rhino.
- 1.3 Rhino conservation efforts over the last 40 years have not managed to effectively curb the plight of rhino poaching.<sup>1</sup> The reality remains that, even with the moratorium on domestic trade of horn lifted in South Africa, horn still has little to no value and a very limited local market. Weighing this against the expenditure relating to security and operations of rhino reserves it is no surprise that this type of operation cannot be sustainable.
- 1.4 Rhino Coin isn’t interested in counting down to extinction. Instead, it exists to restore balance to the rhino population by helping the overall conservation effort with its cryptocurrency.
- 1.5 Rhino Coin seeks to change the status quo by introducing crypto conservation, which is cryptocurrency with a conscience. It combines the transparency and security of blockchain technology with social responsibility of conservation. Rhino Coin does this by unlocking existing stockpiles of legal, ethically-sourced rhino horn by introducing an innovative and modernised strategy to:
  - 1.5.1 firstly, aid conservation efforts by providing a means for the rhino reserves to generate the revenue required to sustain their conservation efforts; and
  - 1.5.2 secondly, fuel broader conservation efforts, and the protection of the natural environment, with focus on the rhino; and to promote community-based development projects aimed at creating awareness, upliftment and empowering local communities around rhino reserves. This is achieved through the establishment of the Rhino Coin Foundation, which exists to give life to the Rhino Coin calling by fuelling conservation efforts in line

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<sup>1</sup> <https://www.timeslive.co.za/sunday-times/opinion-and-analysis/2017-06-04-trade-not-aid-will-help-to-save-africas-rhinos>

with its objectives and the Foundation's mission statement: *Guardian of the rhino | Raise a community: protect the rhino.*

- 1.5.3 thirdly, provide the additional prospect of, while aiding conservation, the ability to trade the Rhino Coin for fiat or other cryptocurrencies by leveraging off of the current and expanding interest in the crypto market.
- 1.6 Each Rhino Coin represents a ratio of one-to-one, being an equivalent of 1 (one) gram of legal rhino horn to each Rhino Coin issued and in circulation. Rhino Coin's representation at a ratio of 1:1 is because it maintains accountability and stability ensuring auditable "proof of legal rhino horn reserves".

## 2. The Rhino Poaching Epidemic

- 2.1 The rhino poaching crisis is a widespread problem throughout Africa.<sup>2</sup> It affects all levels of society and the impact is not limited to issues of conservation and animal rights. There are critical environmental<sup>3</sup> and economic repercussions<sup>4</sup>; as well as significant and deep social implications<sup>5</sup>. Wildlife crime is estimated to be one of the most profitable illicit trades in the world, together with drug trafficking, counterfeiting, and human trafficking.<sup>6</sup> Much of the trade in illegal wildlife products is run by sophisticated criminal networks with wide-international reach.<sup>7</sup>
- 2.2 Rhino should be able to roam freely in the wild without the fear and the threat of being slaughtered for their horn. However, with the continuous slaughtering through poaching, this is not a reality.
- 2.3 While the *trade versus anti-trade* debate rages on, rhinos are dying: massacred without mercy for their horn. Rhino Coin does not believe there is one perfect solution; one flawless right, or wrong; or claim to have all the answers but intends to do whatever can be done to save our rhino.

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<sup>2</sup> <http://www.poachingfacts.com/poaching-statistics/rhino-poaching-statistics>

<sup>3</sup> <https://www.smithsonianmag.com/articles/heres-what-might-happen-local-ecosystems-if-all-rhinos-disappear-180949896/>

<sup>4</sup> <http://www.poachingprevention.org/scale-of-the-problem/impact/economic-political-implications>

<sup>5</sup> <https://www.traveller24.com/Explore/Green/exclusive-rhino-poaching-is-a-crisis-of-governance-says-wildlife-expert-20160212>

<sup>6</sup> <http://wwf.panda.org/?207054/Illegal-wildlife-trade-threatens-national-security-says-WWF-report>

<sup>7</sup> <http://wwf.panda.org/?207054/Illegal-wildlife-trade-threatens-national-security-says-WWF-report>

- 2.4 We should all be aware of the plight of Rhino and the threat of extinction which they face. South Africa has a responsibility to ensure the survival of Rhino; as the world's largest population is found in Africa.<sup>8</sup> Many conservationists say that we have already passed the 'tipping point' for the rhino species.<sup>9</sup> While accurate stats are not available, reported figures cite only around 30 000 rhinos surviving in the wild across all five species in the world; with some statistics from sources citing the actual number is likely much lower.<sup>10</sup> It would take considerable time and many generations, as well as massive resources on a global scale, to change the attitudes, beliefs, and practices that feed the demand for horn. Time is something that rhinos don't have. At the current rate of decimation, the species could become extinct in our lifetime.<sup>11</sup>
- 2.5 Rhinos will only be safe when they are worth more alive than they are dead, and when conservationists, reserves and national parks are able to generate the massive amounts of money needed to protect them.

### **3. The Rhino Coin Solution**

- 3.1 Rhino Coin is proudly South African and is passionate about caring for our national assets. Rhino Coin seeks to change the status quo by introducing crypto conservation, which is cryptocurrency with a conscience. It combines the transparency and security of blockchain technology with the social responsibility of conservation. We believe that South Africa holds the primary responsibility for the survival of rhino, as we have approximately 80% of the world's rhino population in our country.<sup>12</sup>
- 3.2 Rhino Coin sees itself in regards to saving the rhino, in a similar role as that of the well-known "Doctors Without Borders"<sup>13</sup>.
- 3.3 The purpose of Doctors Without Borders (DWB) is to provide assistance to populations in distress, to victims of natural or man-made disasters, and to victims of armed conflict. They do so irrespective of race, religion, creed, or political conviction.

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<sup>8</sup> <http://www.nature-reserve.co.za/rhino-of-south-africa.html>

<sup>9</sup> <https://www.andbeyond.com/stories/leave-a-legacy/ever-seen-a-rhino-fly>

<sup>10</sup> <http://www.poachingfacts.com/poaching-statistics/rhino-poaching-statistics/>

<sup>11</sup> <https://rhinos.org/the-crisis/>

<sup>12</sup> [https://www.savetherhino.org/rhino\\_info/rhino\\_population\\_figures](https://www.savetherhino.org/rhino_info/rhino_population_figures)

<sup>13</sup> <https://www.msf.org.za/>

- 3.4 When DWB began in the late 60s, early 70s, they laid the foundations for a new form of offering aid to those in need that would ignore political or religious boundaries and prioritise the welfare of those suffering.
- 3.5 They observe neutrality and impartiality in the name of universal medical ethics and the right to humanitarian assistance.
- 3.6 Similarly, Rhino Coin has been established to provide assistance to populations in distress – **rhino populations**;  
to victims of man-made disasters and armed conflict – **rhino poaching**;  
and – due to the need for a critical response at **a critical point in their survival as a species** –  
to do so irrespective of the opposing camps and opinions on related matters, **such as rhino horn pro-trade or anti-trade factions, or pro-dehorning or anti-dehorning debates**, etc.;;  
and prioritise the welfare of those being harmed – **the rhinos**.
- 3.7 Rhino Coin believes unquestionably that, in an ideal world, rhinos should roam free and secure in their natural habitat, with their horns intact and untouched. But, we do not live in an ideal world and while the trade versus anti-trade debate rages on, rhinos are dying – massacred without mercy for their horn. We don't believe there is one perfect solution - one flawless right, or wrong. We do not claim to have all the answers, but we intend to do whatever we can to save our rhino.
- 3.8 As a result, we have decided to adopt the same strategy as the incredibly effective and life-changing DWB and operate in 'the war zone', without choosing sides, with the aim to save lives now, on the ground, before it's too late.
- 3.9 Rhino Coin isn't interested in counting down to extinction. Instead, it exists to restore balance to the rhino population by helping the overall conservation effort with its cryptocurrency.
- 3.10 Rhino conservation efforts over the last 40 years have not managed to effectively curb the plight of rhino poaching.<sup>14</sup> The reality remains that, even with the moratorium on domestic trade of horn lifted, horn still has little to no

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<sup>14</sup> <https://www.timeslive.co.za/sunday-times/opinion-and-analysis/2017-06-04-trade-not-aid-will-help-to-save-africas-rhinos/>

value and a very limited market in South Africa. Weighing this against the expenditure relating to security and operations of rhino conservation, it is no surprise that this type of operation cannot be sustainable. Rhino Coin seeks to change this by introducing an innovative and modernised strategy:

- 3.10.1 firstly, aid conservation efforts by providing a means for the rhino reserves to generate the revenue required to sustain their conservation efforts; and
  - 3.10.2 secondly, fuel broader conservation efforts, and the protection of the natural environment, with focus on the rhino; and to promote community-based development projects aimed at creating awareness, upliftment and empowering local communities around rhino reserves. This is achieved through the establishment of the Rhino Coin Foundation, which exists to give life to the Rhino Coin calling by fuelling conservation efforts in line with its objectives and the Foundation's mission statement: *Guardian of the rhino | Raise a community; protect the rhino.*
  - 3.10.3 thirdly, provide the additional prospect of, while aiding conservation, the ability to trade the Rhino Coin for fiat- or other cryptocurrencies by leveraging off of the current and expanding interest of South Africans and global participants in the cryptocurrency market.
- 3.11 The Purpose of Rhino Coin:
- 3.11.1 Creating an alternative, sustainable source of revenue to return to rhino reserves by creating a platform to unlock the value of stockpiled horn by representing quantities of horn by Rhino Coin;
  - 3.11.2 working on increasing the rhino population to remove rhino off of the endangered species list;
  - 3.11.3 establish an independent non-profit company (Rhino Coin Foundation) with the objective to distribute the charitable funds;
  - 3.11.4 leveraging off of the current and expanding interest of South Africans and global participants in the cryptocurrency market and mitigating conventional conservation donor fatigue by creating an alternative platform for donors; and
  - 3.11.5 creating an open, transparent and auditable platform to trade Rhino Coin in an open market.

### 3.12 Why Cryptocurrency?

3.12.1 Rhino Coin provides a creative mechanism to add value to rhino horn without actually trading physical horn. It creates an opportunity to trade Rhino Coin for fiat- or other cryptocurrencies, while aiding in conservation.

3.12.2 Rhino Coin expands on the potential donor market by opening opportunities to those who might not ordinarily donate to traditional conservation causes, thereby mitigating traditional donor fatigue.

3.12.3 There is major excitement around cryptocurrency worldwide and our intention with Rhino Coin is that it will be a cryptocurrency for everyone, not just for seasoned crypto-traders or the very tech-savvy. Rhino Coin is enabling ordinary people, especially South Africans, to steward the stockpiles of rhino horn and stage and participate in a bloodless revolution against rhino poaching and the illegal rhino horn trade.

3.12.4 The blockchain technology together with the special audit of the rhino horn reserves will provide for an accountable, transparent solution ensuring that the funds are distributed in terms of the objectives.

### 3.13 The need for an independent foundation: The Rhino Coin Foundation:

3.13.1 In addition to the 54% of the value allocated to the rhino conservation reserves, a further 17% is distributed to the Rhino Coin Foundation. The Foundation is an independent organisation separate from Rhino Coin. The Foundation is established to manage, determine, and oversee the disbursement of the Foundation fund. This organisation will add further fuel to the Rhino Coin calling and mission over and above the portion directed to the rhino reserves.

3.13.2 A Board of Directors has been appointed to manage the Foundation and determine where and how, on an ongoing basis, the Foundation funds are spent in order to achieve the most effective results in terms of advancing its objectives.

3.13.3 All projects undertaken and invested in are transparent, reported on, and shared in detail with the public via the Rhino Coin website. Thus, providing the opportunity for all participants and/or interested parties to see and follow exactly how Rhino Coin is helping to save the rhino.

3.13.4 More information can be obtained from the Rhino Coin website  
<https://www.rhinocoin.com>

### 3.14 Rhino Coin Foundation: Board of Directors

#### 3.14.1 **Dr Johan Marais**

Johan is a renowned veterinarian and equine and wildlife surgeon, and the founder of an internationally acclaimed wildlife organisation, which attends to injured endangered wildlife that have fallen victim to poaching or traumatic incidents.

He has a particular passion for elephant and rhino and has pioneered a great deal of research and a number of world firsts in the field of wildlife surgery. Most famously, Johan pioneered the radical, life-saving treatment of facial injuries sustained by rhinos, when their horns are brutally hacked off by poachers.

#### 3.14.2 **Emmanuel Koro**

Emmanuel has more than 25 years professional communication and public relations experience in government, NGOs, and the private sector; he is an environmental journalist and holds a Master's Degree in Journalism and Media Studies.

Emmanuel has researched and written expansively on environmental and development issues in Africa. He is actively involved in the training of journalists on education for sustainable development and on environment and development reporting.

#### 3.14.3 **Phillip Hattingh**

Phillip, applying his qualification in Film and Television Production, has dedicated his life's work to the production of films and documentaries that highlight and expose the global wildlife trafficking crisis.

As a committed conservationist dedicated to the fight to save the rhino, he has brought and continues to bring his considerable skills and abilities to bear as a writer, cameraman, editor and director in the production of a multitude of films and programming for a host of international blue-chip broadcasters.

#### 3.14.4 **Braam Malherbe**

Braam is a no-nonsense conservationist with a life-long passion to protect the environment and an international motivational speaker, extreme adventurer, TV presenter, youth developer, and author.

Braam is actively involved in myriad conservation initiatives. He is campaigning for sustainable solutions to rhino poaching, and he is challenging governments to act decisively and with integrity in this regard. As an Honorary Ranger for South African National Parks (SANParks), he is involved in conservation and in training rangers for counter poaching operations.

#### 3.15 How Rhino Coin works

3.15.1 The generation and circulation of Rhino Coins will comprise of a four-stage process:

3.15.1.1 Stage 1: Introduction of rhino horn

3.15.1.2 Stage 2: The proof of legal rhino horn reserves

3.15.1.3 Stage 3: The issuing of Rhino Coin on the trade engine

3.15.1.4 Stage 4: Trade

#### 3.15.2 Stage 1: Introduction of rhino horn

3.15.2.1 At the first stage, rhino conservation reserves, who are in possession of rhino horn<sup>15</sup>, may offer their rhino horn to Cornu Logistics. The intake of horn is subject to the Norms and Standards issued in terms of the governing legislation, which prescribe the requirements for horn to be marked in order to be traceable, by means of microchips and serial numbers. In addition, horns must be recorded in the rhino DNA Index System (RhODIS database).

3.15.2.2 Once in possession of the rhino horn, it is stored in a secured vault.

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<sup>15</sup> In accordance with the requisite permits. Permits include information regarding the DNA index profile number, the ZA serial number and the microchip number.

### 3.15.3 Stage 2: The proof of legal rhino horn reserves

3.15.3.1 To ensure accountability and effective internal controls, external auditors are appointed to carry out special independent audits ensuring transparency at all times. The 1:1 ratio of Rhino Coin per gram of rhino horn, provides for an effective and clear system to ensure the integrity of Rhino Coin.

3.15.3.2 The auditors issue a certificate verifying the rhino horn reserves, whereafter the "*proof of legal rhino horn reserves*" audit is to determine the following:

3.15.3.2.1 To validate the intake of rhino horn against the permit issued by:

3.15.3.2.1.1 Validating the physical rhino horn permit markings to the permit;

3.15.3.2.1.2 On validating physical rhino horn permit markings, calculating the total weight of all horns on intake as per the issued permit;

3.15.3.2.1.3 And finally calculating the number of Rhino Coins that can be issued as represented on a 1:1 basis.

### 3.15.4 Stage 3: The issuing of Rhino Coin on the trade engine

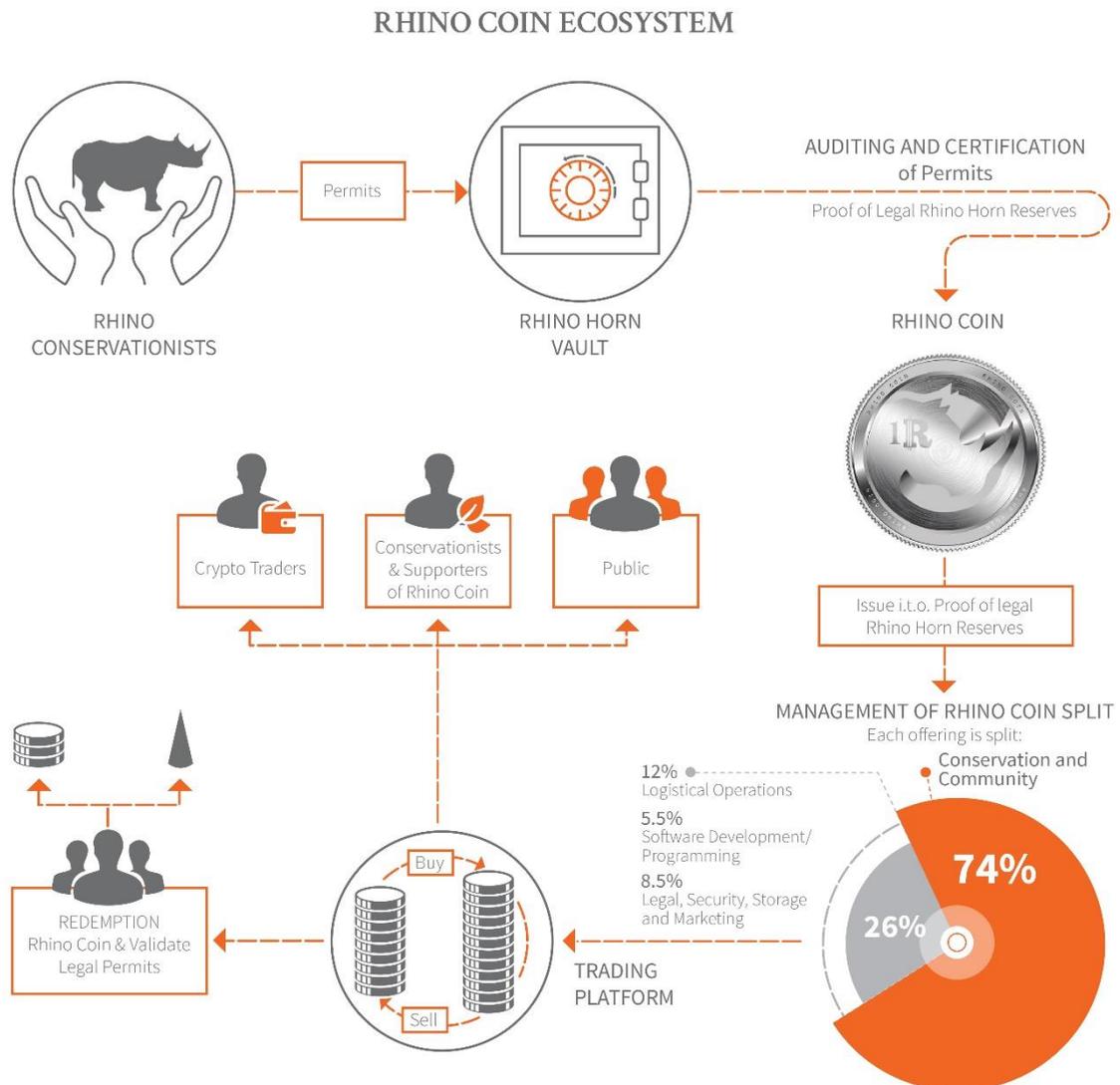
3.15.4.1 On receipt of the audit certificate the equivalent coins are issued on the trade engine as per the various conservation and operational splits as indicated in the eco-system diagram.

### 3.15.5 Stage 4: Trade

3.15.5.1 The Trade Engine will allow cryptocurrency traders the initial platform to trade Rhino Coins with fiat- or other cryptocurrencies.

3.15.5.2 The premise of Rhino Coin is based on the horn reserves never actually leaving the vault. However, Rhino Coin can be used to purchase legal rhino horn, through the representation on a 1:1 basis, this is still subject to all legislative permit requirements.

3.15.6 The above process may be illustrated as follows:



## 4. The Rhino Coin Cryptocurrency

### 4.1 The Rhino Coin

4.1.1 The Rhino Coin is built on Ethereum<sup>16</sup>.

4.1.2 Rhino Coins will be represented by the symbol: "RNC".

4.1.3 The initial trading pairs for RNC are ZAR / BTC and ETH.

<sup>16</sup> <https://ethereum.org>

4.1.4 The only limitation on the number of Rhino Coins that can be issued and in circulation, is that it is limited to the number of legal rhino horn with permits.

#### 4.2 What determines the value of the Rhino Coin?

4.2.1 The value stored in the Rhino Coin is determined by the Rhino Coin Economy that will be established around the Rhino Coin. The Rhino Coin Economy will be made up of various participants who will collectively determine the value stored in a Rhino Coin.

#### 4.3 The Rhino Coin Economy

4.3.1 The Rhino Coin Economy will be made up of the following participants, each of whom will have a different perspective of the Rhino Coin and its use and thus, will attribute different values to the Rhino Coin:

4.3.1.1 **The crypto-traders:** These participants are attracted to the cryptocurrency nature of the Rhino Coin. Such participants are expected to attribute a value to the Rhino Coin based on the performance, mainly driven by supply and demand in the market at any given time.

4.3.1.2 **The conservationists:** These participants are attracted to the conservation initiatives and objective of the Rhino Coin. Such participants are expected to attribute value to the Rhino Coin based on the performance of the conservation initiatives as well as the ability of the Rhino Coin to achieve its conservation objectives.

4.3.1.3 **The redeemers of RNC:** These participants may use Rhino Coin to purchase legal rhino horn, through the representation on a 1:1 basis, this is still subject to all legislative permit requirements.

4.4 As such, the value of the Rhino Coin and the price at which it will be traded on the Trade Engine comprises of an amalgamation of various value attributes from different participants in the Rhino Coin Economy.

## 5. The Trade Engine

5.1 The Rhino Coin blockchain ledger is a private Azure Blockchain Service (BaaS). Rhino Coin ledger is a private Ethereum blockchain. This allows for a transparent, reliable and verifiable ledger. This will allow us to accurately track

the ownership of Rhino Coin in order to audit and track the redemption of Rhino horn. The Azure Blockchain service is a cryptographically secure distributed ledger, which allows for scalability and analysis.

## 5.2 Mining

5.2.1 Since each Rhino Coin represents a ratio of one-to-one, being an equivalent of 1 (one) gram of legal rhino horn to each Rhino Coin (RNC) issued and in circulation, there is thus, no reward for mining. Mining is done privately by a consortium of private miners, to ensure that the price of the Rhino Coin cannot be artificially deflated or inflated by the computing power of miners. This further ensures that the price is determined by the supply and demand of the Rhino Coin community alone.

## 5.3 Blockchain Indexing

5.3.1 Azure Storage and Azure Tables are used to store the indexing information for Bitcoin, Ethereum and Rhino Coin transactions and block information. This allows for fast, reliable and redundant tracking and querying of transactions in a chain.

## 5.4 Original Platform CornuEx.com Trade Engine to launch Rhino Coin

5.4.1 The CornuEx.com Trade Engine was developed from the ground with latest open source Microsoft ASP.Net Core 2.0 technology. ASP.Net Core is a cross-platform framework for building modern cloud-based internet connected applications. This technology is secure, fast, scalable, proven, tested and runs millions of websites worldwide.

5.5 The user interface for the Trade Engine was built using Angular 2 framework. Angular is a very popular TypeScript based open source framework created by Google in 2010 as AngularJS. AngularJS evolved into Angular 2 and allows for building rich web, mobile and native applications.

5.6 For scalability, reliability and security reasons the Trade Engine is hosted on the Microsoft Azure Cloud.

## 5.7 Security on CornuEx.com

5.7.1 Key Vault

To enhance data protection and compliance we use the Azure Key Vault. These keys are stored in hardware secure modules. (HSM). This is a reliable, high-performance key vault with global redundancy.

All system keys and credentials are stored in the Azure Key Vault.

#### 5.7.2 Web Security

A combination of SSL encryption, authentication, authorisation, data protection and anti-request forgery to protect users and the system. The system is protected against the most common security vulnerabilities.

#### 5.7.3 Passwords

Enforcement of strong passwords. Passwords are not stored on the system. The cryptographic hash of passwords is stored and not the password. Since hash algorithms are One-Way functions, it means that user passwords are safe.

#### 5.7.4 Two Factor Authentication

For added trust, multiple forms of 2FA are used. 2FA via SMS and TOTP (Time-based OTP). SMS and OTP verification are required on registration of the account and we enforce the use of TOTP for all transfers. This adds an extra layer of protection on the user wallets.

#### 5.7.5 Hot wallets and cold storage

The bulk of the funds on the Platform are stored in secure multi-signature cold storage at secret locations. Only a limited amount of funds are kept on-site to facilitate withdrawals. This limits the risk and exposure of an attack and breach.

For added security we use multi-signature keys on wallets to ensure that no single person can gain access to wallets.

## 6. The Rhino Coin Development Strategy

### 6.1 Coin Strategy:

#### 6.1.1 Initial Coin Strategy:

##### 6.1.1.1 Rhino Coin officially launched on the 7<sup>th</sup> of June 2018;

- 6.1.1.2 Exploring the possibility of listing Rhino Coin on other platforms internationally;
- 6.1.1.3 Launch of the CornuEx.com App Q4 of 2018;
- 6.1.1.4 Additional Coins added to the CornuEx.com identified by market cap and CornuEx.com participants;
- 6.1.1.5 Feedback on conservation and community socio-economic development efforts undertaken in Q3 and Q4 of 2018, through the Rhino Coin website;
- 6.1.1.6 Continuous development on consumer experience on the CornuEx.com website and App.

## **7. Costs and Management of Rhino Coin**

- 7.1 74% of each introduction of Rhino Coin after the “*proof of legal rhino horn reserves*” audit is used to promote and strengthen conservation efforts, boosting rhino numbers, discouraging illegal trade and benefitting communities around rhino reserves, which in turn discourages poaching. The remaining percentage is split – 12% for operations, 5.5% for development and expansion and the remaining 8.5% is used for marketing, legal and compliance, insurance costs and storage costs in the secure vault.

### **7.2 Conservation**

- 7.2.1 Conservation efforts are directed at boosting rhino numbers, discouraging illegal trade, benefitting communities around rhino reserves, which in turn discourages poaching. In order to further fuel conservation efforts, the Rhino Coin Foundation was established and will give life to the Rhino Coin calling, the Foundations mission – Guardian of the rhino | Raise a community – protect the rhino.

### **7.3 Operational Expenses**

- 7.3.1 The costs associated with maintaining day-to-day operations e.g. business development, conservation and awareness campaigns, human resources, accounting and other general administrative responsibilities.

### **7.4 Development & Expansion**

7.4.1 The costs associated with the further advancement of the Rhino Coin Ecosystem is ensuring all the latest technology developments are taken note of. This includes security audits, creating API's, and other internal applications.

#### 7.5 Marketing

7.5.1 The costs associated with the promotion of Rhino Coin on various platforms e.g. Rhino Coin website, social media, video, email marketing and online advertising.

#### 7.6 Legal and Compliance

7.6.1 The costs needed to cover any legal expenses associated with the establishment of Rhino Coin, unforeseen legal costs and any other legal costs which are required for the maintenance of the Rhino Coin Ecosystem.

#### 7.7 Insurance Costs

7.7.1 The costs associated with ensuring the actual Rhino Horn at the replacement value; should a claim arise; the Rhino Coin can be replaced at the representative value at the time in which a claim is instituted.

#### 7.8 Storage Costs

7.8.1 The costs associated with the storage of rhino horn.

### **8. The Team**

#### **8.1 Alex Wilcocks**

Alex is a cryptocurrency enthusiast and member of the core Rhino Coin development team. Alex has a passion for blockchain and cryptocurrency solutions and with this passion, he was inspired by the idea of merging cryptocurrency with conservation. Alex focuses on integrating the blockchain technology to areas where it can be beneficially used such as the conservation of the rhino population through Rhino Coin.

Alex has an active role in trading cryptocurrency on a daily basis and is heavily involved with the creation of cornuex.com, being the trade engine designed to facilitate the trade of Rhino Coin with various other currencies. Alex has a background in entrepreneurship and marketing and with this backdrop is instrumental in pushing the trade engine into the crypto environment, which ultimately will assist Rhino Coin in reaching its objectives.

## 8.2 **Stephanus van Staden**

Stephanus is an experienced and motivated IT specialist, and member of the core Rhino Coin development team, from concept to production. Stephanus has 22 years of hard core system development experience in the following areas: Energy, Security, Artificial Intelligence, Mobile, Banking, Communications, and Billing.

Stephanus has a proven track record of applying cutting-edge technology to solve real-world problems. In 2008 he developed a “green” energy system to solve the electricity crisis in South Africa. Stephanus has been involved in cryptocurrency and trading platform research and development for some time.

Stephanus has a passion for technology and wildlife. He joined the team and accepted the challenge for building a cryptocurrency trade engine on which to trade Rhino Coin. Stephanus leveraged on years of experience to deliver the CornuEx.com and Rhino Coin platform.

## 8.3 **Jacques du Randt**

Jacques is an attorney and member of the core Rhino Coin development team, that has seen Rhino Coin come to life from seed-concept to operation. Jacques has a keen interest in crypto-trading, its regulation and how technology can be used to benefit the environment. Jacques is actively involved in advising a number of businesses on various legal and commercial fronts. To date, Jacques has advised on various environmental, commercial and corporate matters and continues to provide these legal consulting services to his client base.

Throughout the development of Rhino Coin and the trade engine, Jacques has driven the delivery of key values and provided a consistent focus on the importance of establishing a brand that engenders trust; and that Rhino Coin is a cryptocurrency for everyone – not just for seasoned crypto-traders or the very tech-savvy – that enables ordinary people, especially South Africans, to

participate in an effective campaign against rhino poaching and the illegal rhino horn trade.

## **9. Legal Disclaimer**

### **9.1 The Whitepaper**

9.1.1 This white paper shall not be construed as constituting anything other than factual information pertaining to the Rhino Coin.

9.1.2 The information contained in this white paper does not constitute financial, legal or tax advice of any kind whatsoever.

9.1.3 No statement or information contained within this white paper shall constitute a recommendation, proposal or guidance of any kind.

9.1.4 No statement or information contained within this white paper shall be construed as an offer or invitation of any kind.

### **9.2 The Risks**

9.2.1 Participation in the cryptocurrency market entails a high level of risk and uncertainty. The value of cryptocurrencies, including Rhino Coin, may be subject to high levels of volatility and may result in the complete loss of any fiat or cryptocurrency used to purchase Rhino Coin.

9.2.2 The cryptocurrency market is currently not subject to any regulation within South Africa and, accordingly, participation in and the acquisition of cryptocurrency is a risk born entirely by the participant.

9.2.3 Therefore, prior to acquiring any Rhino Coins, we advise users to carefully consider the risks, costs and benefits of acquiring Rhino Coins and, if necessary, obtain any independent advice in this regard.

## **10. Consumer Education**

The intention of this section is to provide a simple educational resource that the white paper reader can read and use to understand cryptocurrencies and blockchain and also this white paper.

### **10.1 What are cryptocurrencies**

10.2 <https://www.investopedia.com/terms/c/cryptocurrency.asp>

10.3 What is blockchain

<https://www.investopedia.com/terms/b/blockchain.asp>

10.4 What are the risks of cryptocurrencies

10.4.1 <https://www.kaspersky.com/blog/cryptocurrencies-intended-risks>

10.4.2 <https://masterthecrypto.com/dangers-in-cryptocurrency-investing>

10.5 Is this regulated (*current position as at 07.06.2018*)

10.5.1 SARB's position on VCs as set out in the "Position Paper on Virtual Currencies, 2014"

10.5.2 Department: National Treasure – Republic of South Africa – User Alert – Monitoring of virtual currencies.

## 11 Glossary of Terms

1. DWB: Doctors Without Borders - <https://www.msf.org.za/>
2. Cryptocurrency: As defined by:  
<https://www.investopedia.com/terms/c/cryptocurrency.asp>;
3. Proof of legal rhino horn reserves: The method used to prove that all Rhino Coin that have been issued and are in circulation are the equivalent ratio to the underlying asset capable of redemption;
4. Rhino Coin: Is crypto conservation: thus, a cryptocurrency with a conscience. It is a digital currency represented by legal rhino horn with the aim to unlock value for conservation;
5. RNC: The symbol representing Rhino Coin.