



PEERPLAYS BULLETIN

peerplays.com

21 February 2017

IMPORTANT

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The PPY Tokens are not a security or a currency. As of the date of this document, PPY Tokens (i) cannot be exchanged for goods or services; (ii) have no known uses outside the Peerplays blockchain; and (iii) cannot be traded on any known exchanges. PPY Tokens are not an investment and should not be acquired as an investment or for speculative or financial purposes. There is no guarantee – indeed there is no reason to believe – that PPY Tokens will increase in value. PPY Tokens may be subject to high volatility in terms of price and PPY Tokens may – and likely will - decrease in value. This document does not constitute or form part of, and should not be construed as any offer for sale or subscription of, or any invitation to offer to buy, or subscribe for, any securities, nor should it or any part of it form the basis of, or be relied on in any connection with, any contract or commitment whatsoever. The PPY Tokens do not grant its holder ownership or equity in the PBSA, BunkerChain Labs Inc. or the Peerplays blockchain or the right to participate in the control, direction or decision-making of the PBSA, BunkerChain Labs Inc. or the Peerplays blockchain. Anyone who decides to hold PPY Tokens by making a donation to the PBSA acknowledges, agrees and certifies that they are doing so not for investment but to participate in the Peerplays community and to support and to participate on the Peerplays network.

WARNINGS

DO NOT MAKE A DONATION TO THE PBSA AND HOLD PPY TOKENS IF YOU DO NOT HAVE EXPERIENCE WITH, AND AN UNDERSTANDING OF, THE USAGE OF BLOCKCHAIN-BASED SOFTWARE SYSTEMS AND CRYPTOGRAPHIC TOKENS LIKE BITCOIN (“BTC”).

PPY TOKENS COME WITH HIGH RISKS (see “Section 4 – Risk Disclosures” for more information) INCLUDING POTENTIAL LACK OF MARKET LIQUIDITY. Prior to holding PPY Tokens you should carefully consider the risks listed below and to the extent necessary, consult an appropriate lawyer, accountant or tax professional. If any of the risks are unacceptable to you, you should not donate under the Primary Crowdfund (as defined below) or hold PPY Tokens.

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If there is any inconsistency between this document written in English and the Chinese translation of this document, the English version shall prevail.

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SUMMARY

Peerplays is an online gaming and wagering platform that utilizes open-source decentralized blockchain technology to enable provably fair peer-to-peer gaming. This includes a sports betting exchange and various desktop and mobile gaming applications. Game designers can also utilize Peerplays’s tournament management infrastructure to create their own games and tournaments.

Peerplays does not have a centralized “house”, but instead players are matched with each other for peer-to-peer gameplay through a series of smart contracts. These smart contracts place players into game or tournament brackets, escrow the funds wagered by each player, and then release the funds to the winner after specific conditions within a game or tournament are met and verified. Since all players connect and interact with each other through a worldwide peer-to-peer network, anyone in the world who has an internet connection can participate and place a wager. The Peerplays blockchain will also allow users to design their own specialized tokens or chips, buy or sell cryptographic tokens including bitcoin (“BTC”) and ether (“ETH”) and then wager these tokens in blockchain-based casino card games, sports betting tournaments and server-hosted Massive Multiplayer Online Role-Playing Games (“MMORPGs”).

Against the backdrop of a growing global gambling industry, in particular the online gambling market, Peerplays’s value proposition as an alternative to traditional centralized wagering platforms is expected to attract users worldwide.

Upon launch of the Peerplays blockchain on 30 May 2017 and the distribution of PPY Tokens (including distribution to existing holders of Peerplays User-issued Assets (“PEERPLAYS UIAs”) at a ratio of 10 PPY Tokens for every 1 PEERPLAYS UIA held - see “Section 3 – Token Information”), Peerplays will be governed by PPY Token holders as a decentralized autonomous cooperative (the “DAC”). PPY Token holders will also receive rewards from every jackpot for every game on the entire Peerplays network.

To continue the development of the Peerplays blockchain, US\$9 million equivalent in bitcoins is being sought for donation, of which US\$4 million equivalent in bitcoins has already been pledged by strategic donors. The remaining US\$5 million equivalent in bitcoins is expected to be raised under a crowdfund donation and 950,000 PPY Tokens distributed to those donors (“Primary Crowdfund”). The donations made under the Primary Crowdfund will be accepted on a first-come-first-served basis, in accordance with the donation tiers further described in “Section 2 – Primary Crowdfund Information”.

The Primary Crowdfund will commence at 15:00 UTC (Coordinated Universal Time) on 26 February 2017.

Peerplays is supported in part by the PBSA, a non-profit organization incorporated in Canada. The PBSA’s purpose is to promote provably fair gaming standards for the Peerplays blockchain globally and is responsible for deploying donations for this purpose. See “Section 2 – Primary Crowdfund Information” for further details about the PBSA and the PBSA’s future plans.

www.peerplays.com

INDUSTRY

In 2014, the global regulated gambling market generated approximately US\$452 billion in revenue, and is projected to exceed US\$495 billion by 2018.¹ Market analysts predict that the global gambling market will grow steadily at a compound annual growth rate (“CAGR”) of approximately 8% by 2020.² The global regulated online gambling market was approximately US\$36 billion in 2014 and is estimated to reach approximately US\$66.6 billion by 2020, at a CAGR of 10.8%.³



Source: <https://www.statista.com/statistics/253416/global-gambling-market-gross-win/>

The regulated sports betting market segment is a major revenue contributor to the world’s economy, and as a result, most governments have commenced the imposition of higher taxes on vendors operating in the sector⁴. It is difficult to calculate the precise amount of money wagered on sports bets placed through unregulated channels, but estimates range between US\$700 billion to US\$1 trillion annually.⁵ The relaxation of government regulations pertaining to betting and gambling will be one of the primary drivers for market growth.⁶

More than 80 nations have legalized online gambling with Europe maintaining the largest online gambling market in the world. In the Asia Pacific region, the size of the online gambling sector has remained relatively constant. In the USA, only three states allow online gambling, but is expected that more states will eventually adopt similar regulations, allowing this market to grow within the USA.⁷

The Peerplays DAC is expected to benefit from a growing global gaming and wagering market by providing a provably-fair, censorship resistant peer-to-peer network as an alternative to traditional centrally managed off-line land-based casinos and betting establishments, as well as online gaming and wagering platforms.

¹ <https://www.statista.com/statistics/253416/global-gambling-market-gross-win/>

² <http://www.technavio.com/report/global-gaming-global-gambling-market-2016-2020>

³ <http://www.businesswire.com/news/home/20161006005678/en/Global-Online-Gambling-Market-Worth-USD-66.59>

⁴ <http://www.technavio.com/report/global-gaming-global-gambling-market-2016-2020>

⁵ <https://www.statista.com/topics/1740/sports-betting/>

⁶ <http://www.technavio.com/report/global-gaming-global-gambling-market-2016-2020>

⁷ <http://www.businesswire.com/news/home/20161006005678/en/Global-Online-Gambling-Market-Worth-USD-66.59>

SECTION 1 – PEERPLAYS BLOCKCHAIN

The following is an overview of the features that Peerplays will offer:

GUARANTEED PROVABLY-FAIR GAMING

Peerplays's provably fair gaming system is 100% open-source and built directly onto the blockchain to enable provably fair and transparent peer-to-peer gaming. Peerplays allows real-time wagering and gaming between anonymous users utilizing smart contracts that are cryptographically secured by the blockchain to govern wagering and gaming outcomes. Smart contracts bind users to agreed wagering terms and the Peerplays blockchain verifies the outcome and the "winner". These contracts and the execution of the contracts are stored on the blockchain and can be analyzed and audited by anyone at any time, eliminating the potential for fraud and unfair house odds. This provides transparency and therefore trust among users.

Privacy is maintained using anonymous accounts and advanced encryption technologies.

The decentralized nature of blockchain technology greatly reduces the costs associated with a "middleman" and other traditional overheads associated with centralized platforms. It also removes geographical limitations by enabling any player with an internet connection to interact with any other player.

LIGHTNING FAST SPEED AND NETWORK CAPACITY

Peerplays is built on *Graphene*, currently one of the fastest decentralized blockchain technologies. Graphene has been successfully tested to handle over 100,000 transactions per second with average block times of under 3 seconds. This enables a high volume of users to engage in real-time interactive gaming simultaneously. Graphene supports integrated smart contracts that allow for immediate payouts whenever a tournament or event is concluded.

SPORTS BETTING

The upcoming Peerplays sports betting exchange is a desktop and mobile application that allows users to place and manage wagers on sporting events. On-chain smart contracts automate the matching process and ensure fair and transparent payout, and decentralized oracles publish data to settle each market. The desktop application will support advanced features for market makers and active, high-volume traders, while the mobile application will allow casual gamblers quick access in order to place wagers.

INTERACTIVE AND CASINO CARD GAMES

The Peerplays blockchain supports real-time interactive games directly between users through a desktop graphic user interface ("GUI") application. A prototype of the game "Rock, Paper, Scissors" has been released on the Peerplays test net and a GUI for additional casino-style games and card games are in development.

All games are adjudicated by smart contracts as part of the native blockchain code, and the Peerplays player matching algorithm creates a fraud resistant on-chain gaming environment. Since Graphene is incredibly fast, it allows for the broadcast and revealing of blinded proofs at the frequency necessary to facilitate real-time gameplay.

DIGITAL ASSET EXCHANGE

The Peerplays blockchain technology will allow for wagering of any cryptographic tokens. Anyone can create their own tokens, wager with Bitcoin, Ethereum or price-stable *SmartCoins* from the BitShares platform, or buy and sell gateway tokens for popular digital currencies from a growing number of reputable gateway services. Parties also have the

SECTION 1 – PEERPLAYS BLOCKCHAIN

opportunity to provide their own gateway services for in-game assets for their favorite MMORPGs. Peerplays does not support fiat currencies.

GAMING PARTNER SUPPORT

Gaming partners can connect their servers through the Peerplays blockchain application programming interface (API) and take advantage of the decentralized network for processing wagers and jackpots. They can also customize tournament structures, fee schedules, funds collection and distribution methods. Gaming publishers, advertisers, tournament hosts and vendors can utilize the Peerplays network, as well as gain shared access to the entire Peerplays network of users while still enjoying the freedom of operating their own independent websites.

REWARDS

PPY Token holders regularly receive rewards based on fees and commissions generated by the Peerplays network, and the Peerplays blockchain prorates and distributes these rewards into all PPY Token holder's accounts. Holders of PPY Tokens can also receive referral rewards for each new account they refer to the Peerplays platform for the lifetime of that account. The rewards are expected to incentivize holders of PPY Tokens to continuously support the Peerplays blockchain, as well as attract new users onto the Peerplays platform. The specifics of distribution are determined by consensus of the holders of PPY Tokens and the mechanism of distribution is programmed directly into the Peerplays blockchain itself.

CONSENSUS

PPY Tokens enable their holders to vote on management activities of the DAC in proportion to their respective ownership percentage of issued PPY Tokens. The network tallies all votes approximately every two to six hours and updates parameters accordingly.

Anybody is eligible to assist with specific roles within the Peerplays ecosystem through consensus approval of the PPY Token holders, but administrative authority over appointing or removing such parties remains with the PPY Token holders. Any party will be able to submit a proposal for approval by a majority vote of the DAC. Proposals may include bug bounties, payment for new and ongoing software development, promotional activities, or any other relevant uses or purposes as determined by consensus of the PPY Token holders.

The following table summarizes the three types of participants who will help govern the DAC and their responsibilities:

Key Roles	Responsibilities
Voters	<ul style="list-style-type: none">• Continuously support the Peerplays blockchain by holding PPY Tokens.• Cast votes for the “witnesses” and “advisors” that they think would be best suited to work on the Peerplays blockchain.
Advisors	<ul style="list-style-type: none">• Govern parameters such as specific payment and fee rates on the Peerplays network (requires 50%+1 vote of advisors) in order to keep Peerplays flexible and competitive in changing market environments.• Advisory services are provided on a voluntary basis.
Witnesses	<ul style="list-style-type: none">• Bundle transactions into blocks (continuously growing list of ordered records) to verify the validity of transactions.• Operate a full node (a full record of the entire blockchain history) with enough bandwidth to support current network activities.

SECTION 1 – PEERPLAYS BLOCKCHAIN

Key Roles	Responsibilities
	<ul style="list-style-type: none">• Publish data feeds with results of gaming and wagering events.• Witnesses are rewarded with PPY Tokens at a per-block rate for their work.

PEERPLAYS DIGITAL WALLET

A Peerplays digital wallet will be made available for download and the PPY Tokens will be distributed to Peerplays digital wallets upon the launch of the Peerplays blockchain on 30 May 2017.

This digital wallet will allow PPY Token holders to manage their digital currency holdings within their account, vote for witnesses, advisors, and blockchain development proposals, and will provide a portal into various gaming applications. PPY Tokens can also be traded on the decentralized asset exchange from within the Peerplays digital wallet.

SECTION 2 – PRIMARY CROWDFUND INFORMATION

PEERPLAYS BLOCKCHAIN STANDARDS ASSOCIATION

The PBSA was incorporated in December 2016 as a non-profit association under the Canada Not-for-profit Corporations Act (NFP Act) to encourage and support the development of the Peerplays blockchain and to promote provably-fair gaming standards for the Peerplays blockchain globally. See “Appendix 1 – PBSA Articles of Incorporation” for more details about the purposes and restriction on activities of the PBSA.

FUTURE PLANS

The PBSA will use donations raised in the Primary Crowdfund or otherwise to fund the development of the Peerplays blockchain by continuing to contract with leading blockchain software developers to achieve the highest standards of security, efficiency and usability of the Peerplays blockchain. It will also sponsor the development of new features of the Peerplays network.

While Graphene is currently the optimal blockchain for Peerplays, the PBSA will use donations sent to it to encourage developers to integrate new future technologies with the Peerplays blockchain including interoperability between different types of blockchains and the migration to new blockchain technologies if warranted.

The PBSA also plans to fund projects that support the Peerplays blockchain ecosystem through education, seminars, conferences, public relations and global promotional activities to attract users. This includes hiring language ambassadors in select worldwide locations and sponsoring promotional and educational initiatives aimed at jurisdictions and demographics where the user potential of the Peerplays blockchain is likely to be highest. The PBSA will also financially support strategic partnerships with companies that wish to promote their products by hosting sponsored gaming tournaments on the Peerplays blockchain.

The PBSA will also use donations it receives to fund the building of user friendly interfaces, such as the primary digital wallet, the sports betting application, and other gaming applications which support provably-fair gaming on the Peerplays blockchain.

THE PRIMARY CROWDFUND

Donation amount and PPY Tokens

Donations of US\$9 million in BTC equivalent are being sought, of which US\$4 million in BTC equivalent has already been pledged by strategic donors (see “Section 3 – Token Information” for details). **Donations for the remaining amount of US\$5 million in BTC equivalent are therefore being accepted under the Primary Crowdfund.**

950,000 PPY Tokens will be distributed to the Primary Crowdfund donors if the full US\$5 million in BTC equivalent is raised. Donations will be received on a first-come-first-served basis and PPY Tokens will be distributed in accordance with the following donation tiers:

Primary Crowdfund donation tiers	Total Donations collected (in US\$)	PPY Tokens available for distribution	Donation amount per PPY Token (US\$ in BTC equivalent)
First Tier	\$0 to \$1,000,000	200,000	\$5.00
Second Tier	Between \$1,000,000 and \$2,300,000	250,000	\$5.20
Third Tier	Between \$2,300,000 and \$3,637,500	250,000	\$5.35

SECTION 2 – PRIMARY CROWDFUND INFORMATION

Final Tier	Between \$3,637,500 and \$5,000,000	250,000	\$5.45
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The exchange rate used for calculating the US\$ equivalent for each BTC donation received will be based on the CoinDesk Bitcoin Price Index as published by CoinDesk on its website <http://www.coindesk.com/price> on the date and time at which the Bitcoin blockchain records the first confirmation of the donation.

A real-time counter of the amount of donations received under the Primary Crowdfund, along with a display of the current donation tier will be made available on the Peerplays website <http://www.peerplays.com> during the Primary Crowdfund donation period.

How to donate under the Primary Crowdfund

The donation period for the Primary Crowdfund commences at 15:00 UTC on 26 February 2017 and closes at the earlier to occur of (a) 15:00 UTC on 14 May 2017 or (b) the receipt of US\$5 million in BTC equivalent in donations to the Crowdfund BTC Address.

To participate in the Primary Crowdfund, prospective donors must (1) accept and acknowledge all terms and conditions of the Primary Crowdfund (including all risk disclosures) published on the Peerplays website <http://www.peerplays.com> and (2) send BTC during the donation period to the Bitcoin address (“Crowdfund BTC Address”) which will be published on the Peerplays website at 15:00 UTC on 26 February 2017.

To ensure donations are successfully made under the Primary Crowdfund, donors must ensure that their Bitcoin wallet allows them to export their private keys. See “Appendix 5 – List of Recommended Wallets” for select Bitcoin wallets that allow the exportation of private keys. **DONORS MUST NOT SEND BITCOIN FROM AN EXCHANGE ACCOUNT OR A HARDWARE WALLET, OR THEY WILL NOT BE ABLE TO CLAIM THEIR PPY TOKENS.**

No donations will be accepted after the close of the Primary Crowdfund.

Refund scenarios

In the event that BTC donations are sent to the Crowdfund BTC Address *after* the close of the Primary Crowdfund (“Lapsed Donations”), a 12-hour grace period will be provided during which time such Lapsed Donations net of any transaction fees will be returned to the same addresses from which the Lapsed Donations were sent. Any Lapsed Donations made after this grace period will not be returned.

Trustee

The PBSA has appointed a charity and non-profit lawyer in Canada to act as its trustee (the “Trustee”) for the purposes of holding digital currency donations made to the PBSA in trust for and on behalf of the PBSA. The Trustee was appointed to provide transparency and independent third party monitoring of the PBSA’s use of the donations.

The Trustee, will among other things: (1) hold, manage, supervise and administer the donations and contributions made to the PBSA to advance its purposes in accordance with the trust agreement between the PBSA and the Trustee (the “Trust Agreement”); (2) release the donations to the PBSA, in full or in part, to enable the PBSA to advance its purposes subject to the conditions of the Trust Agreement; and (3) not release the donations to the PBSA if the PBSA takes certain actions including, changing the formal legal purposes of the PBSA as they currently appear in the PBSA’s articles of incorporation without the Trustee’s express written consent and entering into any contract with a related or unrelated party that is, in the opinion of the Trustee, other than at fair market value and in the best interests of the PBSA. See “Appendix 2 – PBSA Trustee” for more details regarding the role of the Trustee.

SECTION 2 – PRIMARY CROWDFUND INFORMATION

Donations made under the Primary Crowdfund as well as the donations pledged by strategic donors will be held in the Peerplays Blockchain Standards Trust and applied in accordance with the PBSA’s purposes as set forth in its articles of incorporation. See “Appendix 1 – PBSA Articles of Incorporation” for more information on the PBSA’s purposes.

Announcement of results of the Primary Crowdfund

A real-time counter indicating the amount of donations received under the Primary Crowdfund will be made available during the Primary Crowdfund donation period on the Peerplays website <http://www.peerplays.com>, as well as an announcement on the summary of results of the Primary Crowdfund within 72 hours of the close of the Primary Crowdfund.

Receipt of PPY Tokens

Upon completion of the Primary Crowdfund, and launch of the Peerplays blockchain on 30 May 2017, all PPY Tokens distributed as a result of the Primary Crowdfund may be unlocked and claimed from the Peerplays genesis block. To unlock and claim PPY Tokens, each donor must upload the private key from the Bitcoin account from which the donation was sent into the donor’s Peerplays digital wallet.

Distributed PPY Tokens will remain locked indefinitely in the Peerplays genesis block, until unlocked and claimed.

USE OF DONATIONS BY THE PBSA

The aggregate donations raised (assuming a total of US\$9 million in BTC equivalent, comprised of US\$4 million in BTC equivalent from strategic donors and US\$5 million in BTC equivalent from the Primary Crowdfund), will be used to support the PBSA’s purposes which includes encouraging and supporting the development of the Peerplays blockchain and related infrastructure for the benefit of the Peerplays blockchain.

The PBSA currently intends to apply the donations as follows:

- approximately US\$5.2 million to fund the development of software code to be published and offered for use by the DAC, including approximately US\$1.5 million for internal development costs and approximately US\$3.7 million for outsourced development costs;
- approximately US\$1.3 million to fund the advancement of the Peerplays blockchain, including approximately US\$0.8 million for internal staff costs, approximately US\$0.3 million for ambassador costs, and approximately US\$0.3 million for seminar, conference and public relations costs; and
- approximately US\$2.5 million for working capital and reserve

SECTION 3 – TOKEN INFORMATION

PEERPLAYS UIAS

Peerplays UIA distribution

PEERPLAYS UIAs were created by BunkerChain Labs Inc. (“BCL”) and distributed as receipts for donations made to the Peerplays project during May to June of 2016, under which US\$500,000 equivalent in BTCs were donated (the “Seed Crowdfund”) as well as distributed to parties involved in the development and promotion of the Peerplays project as compensation.

The following is a description of the total number of PEERPLAYS UIAs distributed and allocated:

Purpose	No. of PEERPLAYS UIAs
Distributed to Seed Crowdfund donors	200,000
Distributed to software and business development partners	12,480
Total PEERPLAYS UIAs	212,480

Distribution to Seed Crowdfund donors

A total of 200,000 PEERPLAYS UIAs were distributed upon completion of the Seed Crowdfund donation in full compliance with Canadian crowdfunding laws. The Seed Crowdfund was completed in two phases and collectively raised gross proceeds of US\$500,000 in bitcoin donations. The following is a description of the two-phased Seed Crowdfund:

Seed Crowdfund phase	Seed Crowdfund period	No. of PEERPLAYS UIAs distributed	Donations collected per PEERPLAYS UIA (US\$)	Gross proceeds (US\$)
Phase 1	6 May 2016 to 5 June 2016	100,000	\$2.00	\$200,000
Phase 2	5 June 2016 to 13 June 2016	100,000	\$3.00	\$300,000

Distribution to software and business development partners

A total of 12,480 PEERPLAYS UIAs have been distributed to various parties involved in the development and promotion of the Peerplays blockchain.

Trading and transfer of PEERPLAYS UIAs

PEERPLAYS UIAs commenced trading on the BitShares Decentralized Exchange on 14 June 2016 under the symbol “PEERPLAYS”. The trading of the PEERPLAYS UIAs was suspended at 12:00a.m. EST on 23 December 2016 in anticipation of the commencement of the Primary Crowdfund. The closing price of PEERPLAYS UIAs immediately prior to the trading suspension was equivalent to US\$41.35 per PEERPLAYS UIA. Trading of PEERPLAYS UIAs will remain suspended forever.

The ability to transfer PEERPLAYS UIAs to a separate BitShares account has been suspended forever from 12:00am EST on 26 December 2016.

SECTION 3 – TOKEN INFORMATION

Distribution of PPY Tokens to holders of PEERPLAYS UIAs

Upon the launch of the Peerplays Blockchain on 30 May 2017, PPY Tokens will be distributed to the holders of PEERPLAYS UIAs at a ratio of 10:1, or 10 PPY Tokens for every 1 PEERPLAYS UIA held.

PEERPLAYS UIA holders will be able to claim their distributed PPY Tokens by uploading their private key from the BitShares account that holds their PEERPLAYS UIAs into their new Peerplays account upon the launch of the Peerplays blockchain.

PEERPLAYS PPY TOKENS

PPY Token distribution

PPY Tokens are the core tokens of the Peerplays blockchain, which enable holders to participate in all activities of the Peerplays blockchain.

The following will be the distribution of PPY Tokens upon launch of the Peerplays blockchain, assuming completion of the Primary Crowdfund and distribution of the entire 950,000 PPY Tokens under the Primary Crowdfund:

Purpose	No. of PPY Tokens
Primary Crowdfund	950,000
Strategic Donation	1,000,000
Seed Crowdfund	2,000,000
Software and business development partners	713,600
Core project members	1,000,000
BitShares (“BTS”) sharedrop donation	298,084
Total no. of PPY Tokens:	5,916,684

PPY Tokens distributed for the Primary Crowdfund

A total of up to 950,000 PPY Tokens will be distributed to donors under the Primary Crowdfund.

PPY Tokens distributed to Strategic Donors

A total of 1,000,000 PPY Tokens will be distributed to strategic donors for the US\$4 million in BTC equivalent they have donated to the PBSA (“Strategic Donation”). This represents a donation amount of US\$4.00 in BTC equivalent per PPY Token. Twenty percent of the PPY Tokens distributed to each strategic donor are subject to a six-month lock-up period commencing on the date of launch of the Peerplays blockchain. The lock-up function has been coded into the Peerplays blockchain such that each strategic donor cannot unlock or access 20% of their distributed PPY Tokens from the Peerplays genesis block during the lock-up period. Upon the expiry of the lock-up period, strategic donors will be able to unlock and claim these PPY Tokens.

PPY Tokens distributed for Seed Crowdfund

A total of 2,000,000 PPY Tokens will be distributed to holders of 200,000 PEERPLAYS UIAs.

SECTION 3 – TOKEN INFORMATION

PPY Tokens distributed to software and business development partners

A total of 124,800 PPY Tokens will be distributed to holders of 12,480 PEERPLAYS UIAs and 588,800 PPY Tokens will be distributed to additional software and business development partners.

PPY Tokens distributed to core project members

A total of 1,000,000 PPY Tokens will be distributed to Peerplays core project members. Such PPY Tokens are subject to a one year lock-up period commencing on the date of launch of the Peerplays blockchain. The lock-up function has been coded into the Peerplays blockchain such that the core project members cannot unlock or access such PPY Tokens from the Peerplays genesis block during the lock-up period. The lock-up will be publicly verifiable on any Peerplays block explorer. Upon the expiry of the lock-up period, the core project members will be able to unlock and claim such PPY Tokens.

PPY Tokens distributed for BTS sharedrop donation

A total of 298,084 PPY Tokens will be distributed as a one-time donation to the holders of BTS tokens on the BitShares blockchain. This is commonly known as a “sharedrop” within the industry and represents a donation for Peerplays’ use of the Graphene software repository and the delegated-proof-of-stake technology developed and paid for by the BitShares community. The 298,084 PPY Tokens represents 5% of the total PPY Tokens to be distributed upon the launch of the Peerplays blockchain. If less than US\$5 million in BTC equivalent is collected under the Primary Crowdfund, the amount of PPY Tokens distributed for the BTS sharedrop will be adjusted accordingly such that the BTS sharedrop comprises 5% of the total PPY Tokens distributed at the launch of the Peerplays blockchain.

On-chain reserve

Any party will be able to publish a proposal on the Peerplays blockchain together with a budget, to be vetted by all PPY Token holders through a majority vote of the DAC. If and when a consensus is reached, the DAC will be able to create and distribute a specific amount of new PPY Tokens to fund such approved proposal. To enable the creation and distribution of new PPY Tokens, an on-chain reserve has been built into the Peerplays blockchain software code. This reserve limits the number of new PPY Tokens which can ever be created in the future to a maximum of 9,000,000. None of the 9,000,000 potential PPY Tokens will ever be in circulation unless specific proposals are approved by voting consensus as described above.

SECTION 4 – RISK DISCLOSURES

Donors should consider carefully all of the information set out in this document and, in particular, should evaluate the following risks in connection with making a donation to the PBSA and holding PPY Tokens.

RISK DISCLOSURES

This document is for informational purposes only. This communication does not constitute an offer to sell, or a solicitation to buy, any shares or securities in any jurisdiction, including, without limitation, an offer to sell or a solicitation to buy, any shares or securities in the PBSA, BunkerChain Labs Inc. or in any related or associated company.

None of the information presented in this document is intended to form the basis for any investment decision or provide any recommendations. You should not consider the contents of this document as legal, tax, or investment advice. To the extent necessary, you should consult your own legal counsel, accountant, and/or business advisor as to legal, tax and related matters concerning the Peerplays blockchain and/or the PPY Tokens.

The PPY Tokens are not a security or a currency. As of the date of this document, PPY Tokens (i) cannot be exchanged for goods or services; (ii) have no known uses outside the Peerplays blockchain; and (iii) cannot be traded on any known exchanges. PPY Tokens are not an investment and should not be held as an investment or for speculative or financial purposes. There is no guarantee – indeed there is no reason to believe – that PPY Tokens will increase in value. PPY Tokens may be subject to high volatility in terms of price and PPY Tokens may – and likely will - decrease in value. This document does not constitute or form part of, and should not be construed as any offer for sale or subscription of, or any invitation to offer to buy, or subscribe for, any securities, nor should it or any part of it form the basis of, or be relied on in any connection with, any contract or commitment whatsoever. The PPY Tokens do not grant its holder ownership or equity in the PBSA, BunkerChain Labs Inc. or the Peerplays blockchain or the right to participate in the control, direction or decision-making of the PBSA, BunkerChain Labs Inc. or the Peerplays blockchain. Anyone who decides to hold PPY Tokens by making a donation to the PBSA acknowledges, agrees and certifies that they are doing so not for investment but to participate in the Peerplays community and to support and to participate on the Peerplays network.

Do not make a donation to the PBSA and hold PPY Tokens if you do not have experience with, and an understanding of, the usage of blockchain-based software systems and cryptographic tokens like Bitcoin.

Holding PPY Tokens carries with it a number of risks. Prior to donating under the Primary Crowdfund, you should carefully consider the risks listed below and, to the extent necessary, consult an appropriate lawyer, accountant, or tax professional. If any of the following risks are unacceptable to you, you should not donate under the Primary Crowdfund or hold PPY Tokens.

The PBSA and BunkerChain Labs Inc. each expressly disclaims any and all responsibility for any direct, indirect or consequential loss or damage of any kind whatsoever arising directly or indirectly from: (i) reliance on any information contained in this document; (ii) any error, omission or inaccuracy in any such information; or (iii) any action resulting therefrom. By holding PPY Tokens by making a donation to the PBSA, and to the extent permitted by law, you agree to not hold the PBSA and BunkerChain Labs Inc. and their respective affiliates, subsidiaries, officers, directors, trustees, agents, partners, employees, shareholders and service providers, now or in the future, liable for any direct, indirect, special, incidental, or consequential losses, damages, expenses, costs or liabilities of any kind whatsoever arising out of, or in any way connected to, the Primary Crowdfund, the PPY Tokens or the Peerplays blockchain.

To participate in the Primary Crowdfund, prospective donors must accept and acknowledge all terms and conditions of the Primary Crowdfund (including all risk disclosures) which is set forth in its entirety on the Peerplays website <http://www.peerplays.com>.

SECTION 4 – RISK DISCLOSURES

RISK FACTORS

Risk of losing access to PPY Tokens due to loss of private keys

Donors under the Primary Crowdfund must send bitcoin from a Bitcoin address from which the donor controls the private keys. Failure of the donor to safeguard these keys will result in the loss of PPY Tokens. Best practices dictate that donors safely store their private keys in one or more backup locations geographically separated from the working location.

Risks associated with Graphene protocol

PPY Tokens and the Peerplays network are based upon the Graphene protocol. As such, any malfunction, unintended function or unexpected functioning of the Graphene protocol may cause the Peerplays network or PPY Tokens to malfunction or function in an unexpected or unintended manner.

Risks associated with governing by the DAC

The PPY Tokens and the Peerplays network may be adversely affected if the DAC governs the Peerplays ecosystem maliciously or carelessly or members of the DAC disagree or are in conflict with one another. Further, the DAC may decide not to support funding proposals that are beneficial to the long-term development of Peerplays. In this event Peerplays may not be able to grow and the network and the PPY Tokens may be adversely affected.

Risks associated with donor credentials

Any third party that gains access to the PPY Token holder's login credentials or private keys may be able to dispose of the token holder's PPY Tokens. To minimize this risk, holders should guard against unauthorized access to their electronic devices.

Risk of unfavorable regulatory or legal action in one or more jurisdictions

Cryptographic tokens, cryptocurrencies and blockchain technologies have been the subject of scrutiny by various regulatory bodies and agencies around the world and currently face an uncertain regulatory landscape. In the near term, certain jurisdictions may adopt laws, regulations, or directives that affect blockchain technology, cryptographic tokens, cryptocurrencies and their end-users. One or more countries may take regulatory actions in the future that severely restricts acquiring, owning, holding, selling, or using or converting cryptographic assets into fiat currency.

The functioning of the Peerplays network and PPY Tokens could be impacted by one or more legal or regulatory inquiries or actions, including but not limited to restrictions on the use or possession of digital tokens like PPY Tokens, which could impede or limit the development of the Peerplays network. The effect of any future regulatory change on the PPY Tokens and the Peerplays network is impossible to predict.

Online gaming and online gambling have been, and will likely continue to be, the subject of investigation and regulation by various regulatory bodies and agencies around the world. The ability for users to interact with the Peerplays network in some or all jurisdictions could be eliminated by future regulation and/or legal action. In the event that it is not legal for users to interact with the Peerplays network in such jurisdictions, the Peerplays user base may be adversely affected.

SECTION 4 – RISK DISCLOSURES

Further it is possible that regulatory bodies in one or more jurisdictions may seek to censor content available on the Peerplays platform or restrict access to the Peerplays blockchain for an extended period of time or indefinitely, which may adversely affect the Peerplays network.

Risk of alternative, unofficial Peerplays networks

Following the development of the initial version of the Peerplays platform, it is possible that alternative networks could be established, which utilize the same open source code and open source protocol underlying the Peerplays network. The official Peerplays network may have to compete with these alternative, unofficial Peerplays networks, which could potentially negatively impact the Peerplays network and PPY Tokens.

Risk of competition from competitors

The gaming and wagering industry is highly competitive. There are few structural barriers to prevent newly developed cryptographic tokens from being created and gaining acceptance. Competitors may be able to respond more effectively than Peerplays to changes in the market or to new technologies; may develop products, features, or services that are in competition with Peerplays which may achieve greater market acceptance; and may undertake more far-reaching and successful product development efforts and/or marketing campaigns. Certain competitors may also leverage their existing dominant positions in one or more markets or jurisdictions including integrating competing decentralized autonomous wagering platforms or features into products they already own such as search engines, web browsers, or mobile device operating systems which could adversely affect the viability and growth of the Peerplays network.

Risk of insufficient interest in the Peerplays network or distributed applications

It is possible that the Peerplays network will not be used by a large number of businesses, individuals, and other organizations and that there will be limited public interest in the creation and development of Peerplays' blockchain and applications. Such a lack of interest could impact the development of the Peerplays network and therefore the potential uses and value of the PPY Tokens.

Risk that the Peerplays network, as developed, will not meet the expectations of PPY Token holders

The Peerplays network and blockchain are presently under development and may undergo significant changes before release. Any expectations regarding the form and functionality of the PPY Tokens or the Peerplays network by holders of PPY Tokens may not be met upon release, for any number of reasons, including a change in the design and implementation plans and execution of the Peerplays network.

Risk of theft and hacking

Hackers or other groups or organizations may attempt to interfere with the Peerplays network or the availability of PPY Tokens in any number of ways, including without limitation denial of service attacks, Sybil attacks, spoofing, smurfing, malware attacks, or consensus-based attacks.

Risk of security weaknesses in the Peerplays network core infrastructure software

The Peerplays network consists of open source software that is itself based on open source software. There is a risk that the developers funded by the PBSA, or other third parties may intentionally or unintentionally introduce weaknesses or bugs into the core infrastructural elements of the Peerplays network interfering with the use of or causing the loss of PPY Tokens.

SECTION 4 – RISK DISCLOSURES

Risk of weaknesses or exploitable breakthroughs in the field of cryptography

Advances in cryptography, or technical advances such as the development of quantum computers, could present risks to cryptographic tokens and the Peerplays platform, which could result in the theft or loss of PPY Tokens.

Risk of lack of adoption or use of the Peerplays network

While a PPY Token should not be viewed as an investment, it may have value over time. That value may be limited if the Peerplays network lacks use and adoption. Any impediment to the growth, development, use and/or acceptance of the Peerplays blockchain may adversely affect the PPY Tokens. If this becomes the case, there may be few or no markets upon the launch of the platform, limiting the use and value of the PPY Tokens.

Risk of significant volatility in digital currencies

The value of cryptographic tokens, including bitcoin and the PPY Tokens, is highly volatile and can be affected by a number of factors, including, without limitation, market sentiment, blockchain news, attacks and/or hacks, potential regulatory measures, global or regional political, economic or financial events and situations and the launch of new competing cryptographic tokens.

Further, the PBSA will use donations received from the Primary Crowdfund to fund development of the Peerplays network. The donations made will be denominated in bitcoin, and possibly converted into other cryptographic tokens or fiat currencies to pay for such things as network development expenses. If the value of bitcoin or other cryptographic tokens fluctuates unfavorably during or after the Primary Crowdfund, the PBSA may not be able to fund development, or may not be able to sponsor development of the Peerplays blockchain in the manner that it intended or promised.

Risk of exchanges and an illiquid market for PPY Tokens

There are currently no exchanges upon which PPY Tokens might trade. Exchanges on which certain other cryptographic tokens like bitcoin currently trade are relatively new and are subject to unclear and uncertain regulatory oversight. Such exchanges may therefore be more exposed to fraud, security failures and other operational issues than established, regulated exchanges for other products. To the extent that the PPY Tokens are listed on any exchanges in the future, and any exchange representing a substantial portion of the volume in PPY Token trading experiences fraud and/or operational or security failure, such an event could result in the loss of PPY Tokens and/or a reduction in the value or liquidity of the PPY Tokens.

Even if PPY Tokens are listed on an exchange, if there are very few people buying or selling PPY Tokens, the market for PPY Tokens could be illiquid.

Risk of uninsured losses

Unlike bank accounts or accounts at some other financial institutions, funds held using the Peerplays or BitShares network are generally uninsured. In the event of loss or loss of value, there is no public insurer, such as the F.D.I.C., or private insurer, to offer recourse to the token holders.

Risk of dissolution of the Peerplays project

It is possible that, due to any number of reasons, including without limitation, an unfavorable fluctuation in the value of bitcoin, unfavorable fluctuation in the value of PPY Tokens, the failure of developers to complete projects or their unwillingness to complete projects, the failure of the DAC, the lack of people willing to act as directors of the PBSA,

SECTION 4 – RISK DISCLOSURES

ascendency of competitors and/or competing intellectual property claims, the Peerplays network may no longer be a viable project and may dissolve or fail to launch.

Risk of taxation

PPY Token holders may be subject to adverse or unexpected tax implications or consequences in one or more jurisdictions if donations are made under the Primary Crowdfund, PPY Tokens are held, PPY Tokens appreciate or depreciate in value over time, PPY Token holders receive their prorated share of rewards generated within the Peerplays ecosystem, or PPY Tokens are disposed. You should consult your own legal counsel and tax advisor as to legal and tax matters concerning Peerplays and the PPY Tokens.

Unanticipated risks

Digital currencies and cryptographic tokens are new and untested technologies. In addition to the risks set forth herein, there are risks that cannot be anticipated. Risks may further materialize as unanticipated combinations or variations of the risks set forth herein.

APPENDIX 1 – PBSA ARTICLES OF INCORPORATION

PURPOSES OF THE PBSA

The purpose of the PBSA, as stipulated in its articles of incorporation and subject to the restrictions on activities that can be undertaken by the PBSA as set forth below, is to promote provably fair gaming standards for the Peerplays blockchain in Canada and internationally by:

- encouraging and supporting the development of the Peerplays blockchain and related infrastructure for the benefit of the Peerplays blockchain;
- conducting or supporting research pertaining to the Peerplays blockchain and related infrastructure for the benefit of the Peerplays blockchain;
- advancing and supporting awareness and education about the Peerplays blockchain ecosystem, including within the gaming industry and the general public;
- engaging in or supporting advocacy with relevant industry bodies; and
- engaging in, funding or providing assistance with other activities that support the Peerplays blockchain.

RESTRICTIONS ON ACTIVITIES OF THE PBSA

The PBSA will operate subject to the following restrictions set forth in its articles of incorporation:

- the PBSA will operate only as a “non-profit organization” as defined in the Income Tax Act (Canada);
- the PBSA will not hold any interest in or control the Peerplays blockchain, including, without limitation, controlling any electronic votes that govern the Peerplays blockchain, or receiving any profit sharing which is distributed by the Peerplays blockchain;
- the PBSA will not earn any revenue, and shall therefore rely solely upon donations and contributions in order to carry out its purpose;
- the PBSA will not actively operate any software on any server which facilitates the exchange of financial instruments for betting purposes;
- the PBSA will not operate any Peerplays network “witness” nodes, and therefore, shall not have any authority to choose which software code may be utilized by the Peerplays blockchain network;
- all donations and contributions to the PBSA in whatever form shall be held in trust by a licensed and fully qualified Canadian lawyer, Canadian accountant or Canadian trust company (the “Trustee”) who shall hold and release such donations and contributions to the PBSA in accordance with the provisions of the trust; and
- the PBSA will not change, modify, amend or supplement its Articles of Incorporation or by-laws without the unanimous written approval of each of the PBSA’s members, the PBSA’s directors and the Trustee.

TRUSTEE

The Trustee shall, among other things, do the following:

- hold, manage, supervise and administer the donations and contributions made to the PBSA in order to advance the PBSA's purposes in accordance with the Trust Agreement;
- release the donations to the PBSA, in full or in part, to enable the PBSA to advance its purposes subject to conditions of the Trust Agreement;
- not release the donations to the PBSA if the PBSA:
 - changes the formal legal purposes of the PBSA as they appear in its Articles of Incorporation, without the express written consent of the Trustee;
 - changes the by-laws of the Association without the express written consent of the Trustee;
 - engages in activities inconsistent, in the opinion of the Trustee, with the formal legal purposes of the PBSA;
 - pays remuneration of any form to any person that is inconsistent, in the opinion of the Trustee, with standards expected of similar non-profit organizations as defined by the Income Tax Act (Canada); or
 - enters into any contract with a related or unrelated party that is, in the opinion of the Trustee, other than at fair market value and in the best interests of the PBSA;
- act honestly and in good faith with a view to the best interests of the Peerplays Blockchain Standards Trust, and shall exercise the degree of care, diligence and skill that a reasonably prudent trustee would exercise in similar circumstances; and
- in the event of liquidation of the PBSA, distribute any donations remaining after discharge of liabilities to one or more qualified donees and/or non-profit organizations within the meaning of the Income Tax Act (Canada) as determined by the Trustee.

PBSA DIRECTORS

Jonathan Baha'i

Jonathan Baha'i, aged 41, is a Director and President of the PBSA. He co-founded Peerplays with Michael Maloney, and is responsible for business development and operational management of Peerplays. Jonathan has over 20 years of experience in the high performance server hosting and telecommunications industry. In 1997, he established a regional ISP, and founded Hiccup Data Solutions, a SMB remote backup data protection service provider. In 2003 he worked to bring wireless mesh network infrastructure to western Africa. In 2006, he founded Serverbalance Data Solutions, an early pioneer and active contributing developer of Xen virtualization. In 2012, he acquired a nuclear bunker data center in Nova Scotia, Canada, and founded Data Security Node Inc.

Michael Maloney

Michael Maloney, aged 36, is a Director and Director of Intelligence of the PBSA. Since co-founding Peerplays with Jonathan Baha'i, his primary focus has been the research and modelling of decentralized solutions for solving real-world gaming industry inefficiencies. As the Director of Intelligence, he oversees strategic planning and direction, communications and business relationships. Michael studied applied psychology at the University of Denver in the U.S. in 1999, and worked as a structural architect and freelance editor for 12 years.

Fabian Schuh

Fabian Schuh, aged 31, is an Advisory Director of the PBSA. He is a blockchain advocate since 2011 and known particularly for his advocacy for delegated proof-of-stake, the scalable consensus model currently utilized by Peerplays. Fabian holds a doctorate in engineering from Friedrich-Alexander-Universität Erlangen-Nürnberg in Germany and has been a technical consultant for several blockchain-based projects including Peerplays, BitShares, OpenLedger, MakerDAO, and Steem.

Justin Fondriest

Justin Fondriest, aged 34, is an Advisory Director of the PBSA. He has 10 years of experience in creating, organizing and guiding online gaming communities known as "guilds" and has assisted in the development and design of several automated trading bots to facilitate the sale of virtual items. In 2013, Justin founded Beyond Bitcoin, an online communication platform for emerging digital currency projects to share ideas and experiences in the digital currency space. He joined the United States Air Force (USAF) in 2006, where he earned his Bachelors Degree in Information Technology at the University of Phoenix in the U.S. with a minor and Associates Degree of Science.

PBSA EMPLOYEES

Toby Lynas

Toby Lynas, aged 42, is the Head of Operations of the PBSA. He is responsible for managing employees and contractors, software development projects, budgeting and internal processes and policies. He has over 18 years of experience in the IT field including business development, project management, and content acquisition roles for a number of gaming platforms and web-based businesses. In the last 9 years, Toby has specialized in professional sports betting where he developed software and systems to collect and analyze sporting data with the objective of creating automated sports

APPENDIX 3 – PBSA DIRECTORS & EMPLOYEES

betting systems. He holds a BA in Philosophy from Bristol University in the U.K. and a BA in Fine Arts from the Royal Institute of Art in Sweden.

Robyn Wilke

Robin Wilke, aged 30, is the Education & Outreach Coordinator of the PBSA. Her focus is on public relations and is responsible for developing and promoting the Peerplays blockchain to the community and general public. Robyn has over 6 years of experience in marketing and sales, including management of marketing agents and both internal and external corporate communications. She holds a Bachelor of Business Administration from Mount Saint Vincent University in Canada and a Diploma in Business Administration, Advanced Diploma in International Business, and Professional Sales Skills Certificate from Nova Scotia Community College in Canada. She was also awarded CPSA Skills for Sales Success Professional Selling certification from the Canadian Professional Sales Association.

PARTICULARS OF PBSA DIRECTOR SERVICE AGREEMENTS

Each of Jonathan Baha'i and Michael Maloney, respectively, has been appointed as a director of the PBSA pursuant to the PBSA's by-laws for an initial term of two years (subject to renewal) commencing on 1 January 2017 without compensation.

Each of Fabian Schuh and Justin Fondriest, respectively, has been appointed as an advisory director of the PBSA pursuant to the PBSA's by-laws for an initial term of two years (subject to renewal) commencing on 1 January 2017 without compensation.

Each of Jonathan Baha'i acting as President of the PBSA and Michael Maloney acting as Director of Intelligence of the PBSA, has entered into a service agreement with the PBSA for an initial term of two years (subject to renewal) commencing 12 February 2017 with a monthly remuneration of US\$14,083 each (excluding any discretionary bonuses and allowances).

CONNECTED TRANSACTIONS

Commercial Lease Agreement with Fallout Complex Inc. (“Fallout”)

A commercial lease agreement (the “Lease”) was entered into between the PBSA, as tenant and Fallout, as landlord on 27 January 2017, pursuant to which the PBSA has agreed to lease a total of 2,700 square feet premises located at the underground bunker known as “Debert Diefenbunker” in Debert, Nova Scotia, Canada (the “Bunker”). The term of the lease is a periodic tenancy commencing on 1 March 2017 and terminating on 31 December 2022, unless terminated earlier or extended by mutual written consent of the PBSA and Fallout. The fees payable consist of a base rent of US\$5,625 per month (subject to an increase of 10% of the base rent or US\$562.50 at each anniversary from the commencement date of the lease), proportionate share of real property taxes, rates, levies and assessments by any lawful taxing authority, and proportionate share of the operating costs incurred by Fallout in respect of the Bunker, including management, utility, insurance and equipment fees.

Fallout is a Nova Scotia corporation wholly owned by Jonathan Baha’i, a director and employee of the PBSA. The board of directors of the PBSA and the Trustee have approved the Lease and has concluded that the fees payable under the Lease is comparable to market prices considering the benefits provided to the PBSA, such as the fact that the Bunker is move in ready and requires no additional leasehold improvements by the PBSA, a first right of refusal for 5 years to lease an additional 2,400 square feet at the Bunker, the use of 4 conference rooms totaling 1,400 square feet and parking space for 120 vehicles at cost, as well as access to electricity backup generators.

Service Agreement with Data Security Node Inc. (“DSN”)

A service agreement (the “Service Agreement”) was entered into between the PBSA and DSN on 23 January 2017, under which DSN provides internet access, server hosting, data storage, hosted VDI, managed setup, configuration and support services to the PBSA. The agreement remains in effect until terminated under the provisions of the agreement. The fees payable consist of a one-time managed setup and configuration fee of US\$8,000 and a monthly fee of US\$10,600.

DSN is a Nova Scotia corporation wholly owned by Jonathan Baha’i, a director and employee of the PBSA. DSN also operates from the Bunker. The board of directors of the PBSA and the Trustee have approved the Service Agreement and has concluded the fees payable under the Service Agreement is comparable with market prices and the PBSA would benefit from having immediate access to DSN technicians.

APPENDIX 5 – APPROVED WALLET LIST

APPROVED WALLET LIST

You must ensure that your bitcoin wallet allows you to export your private keys in order to claim your PPY Tokens.

DO NOT SEND BITCOIN TO THE PRIMARY CROWDFUND FROM AN EXCHANGE ACCOUNT OR A HARDWARE WALLET, OR YOU WILL NOT BE ABLE TO CLAIM YOUR PPY TOKENS.

If you are unsure about whether your bitcoin wallet supports the exportation of private keys, then please use one of the following recommend wallets:

[Blockchain.info](#)

[Electrum](#)

[Armory](#)

[Bitcoin Core](#)

[Exodus](#)

[Mycelium](#)

[Coinomi](#)

[BreadWallet](#)