

GG World Lottery Whitepaper

Fully online, transparent, legal and government-regulated lotteries brought to you by industry professionals with more than 20 years of experience

**v1.06
Jan 19, 2019**



Table of contents

1. Introduction	1
2. The Problem	4
2.1. The Market	5
3. The Solution	6
3.1. GG World Lottery Operations	8
3.2. A Global Marketing Approach	9
3.3. Bringing GG World to Market	10
3.4. The Charities	11
3.5. The GG World Show – The Biggest TV Game Show in the World	12
3.6. Goodson Gaming	13
3.7. Gaming Laboratories International	16
3.8. The Crypto-Powered World	17
4. The Lotteries	18
4.1. GG World participating countries	22
5. WhiteLotto	23
6. Technical Details	25
7. The GGCOIN (GGC) Token	31
7.1. Token details	31
7.2. Token-holder benefits	32
7.3. Token allocation	32
7.4. Sample dividends calculation	33
7.5. Crowdsale funds allocation	34
7.6. Payment methods	35
7.7. General bounty program	35
7.8. Bug bounty program	36
8. ICO/STO Roadmap	37
9. Affiliate System	38
10. The Team	39
11. Quick Summary	42
12. What to do now?	43
LEGAL DISCLAIMER	44

Changelog

v0.92 – Apr 20, 2018

Initial, early investor beta version ([download](#)).

v0.93 – May 08, 2018

Multiple adjustments, improved document speed and appearance ([download](#)).

v1.00 – Jul 31, 2018

Added a lot of information about lotteries, certification, funds allocation, team members and WhiteLotto. Updated roadmap. Changed token properties and benefits. Updated CTA – investor/affiliate accounts are now open. Updated team. Multiple proofs ([download](#)).

v1.01 – Sep 12, 2018

Added official ICO launch dates, updated roadmap ([download](#)).

v1.02 – Oct 27, 2018

Updated ICO launch dates and roadmap ([download](#)).

v1.03 – Nov 10, 2018

Added bounty information and legal disclaimer. Updated team ([download](#)).

v1.04 – Nov 22, 2018

Added technical chapter. Updated CTA ([download](#)).

v1.05 – Dec 02, 2018

Minor changes. Updated CTA ([download](#)).

v1.06 – Jan 19, 2019

Important changes to technical chapter - Public API RNG and scaling algorithm ([download](#)).

1. Introduction

Have you ever wondered what a worldwide online regulated lottery would look like? You probably know EuroMillions and Eurojackpot, which are the most popular lotteries covering multiple countries. What if we rolled that out across the whole world?

GG World Lottery has a real plan to conquer the lottery world around the globe – the first blockchain-based lottery to provide a seamless bridge between the old-school lottery world and state-of-the-art cryptotechnology.

First and foremost, we are industry professionals. We do not come to the market empty-handed, and already have working products. **We are responsible for creating the best and most unique product in its category – white label lottery software that provides a ticket-purchase courier service for the most popular lotteries in the world.** Our white label software means that we are able to open multiple lottery ticket selling websites every month for our business partners. Please navigate to lottopark.com or lottomat.com and see for yourself what our software is capable of! And if you want to open a white label too, just contact us. We already have many interested future partners!

We are more than just software masters. **We are also industry experts, and our team includes CEO Mark Hutchinson – a start-up expert from some of the first American lotteries, including Colorado, Kansas, and Wisconsin, as well as the national lotteries for the United Kingdom and South Africa. He was a member of a founding State of Lotto America, which has grown into the world’s biggest lottery – Powerball.** Mark’s knowledge and experience allow us to connect perfect software with perfect lottery regulation, ensuring that our lottery will become a worldwide success.



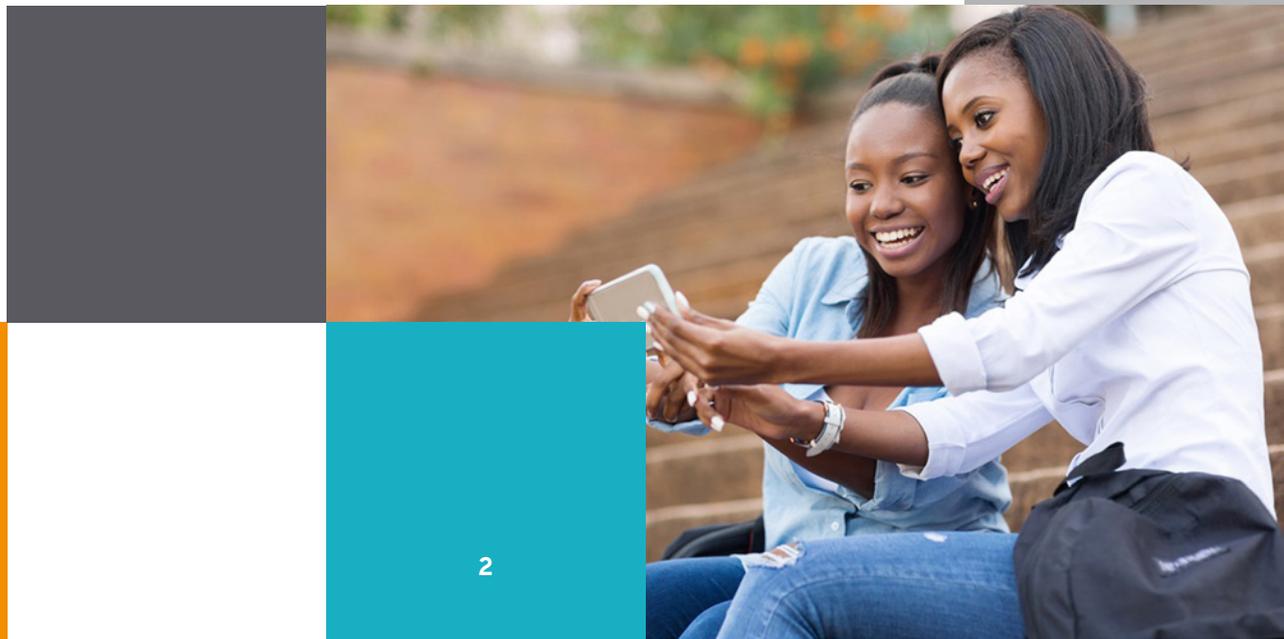
And that's not all. In 2018, we are not only starting the GG World Lottery, but are also **creating multiple African lotteries, fully online-based, mobile friendly and government-regulated. We are able to do this because we already have signed agreements with official regulatory bodies in a group of specified countries to either run national lotteries or to be an official channel partner.**

We will quickly start to operate in several of these African countries, but we are moving fast, so watch out for news updates! We will not stop at Africa. We also have real plans to emerge in other markets, including South America and Asia. In each new country, we will open a fully regulated lottery which will be problem-free for both players and government. And with our bases on three continents established, we will not ignore the rest of the world! If you are interested in running your own lottery, we are open for cooperation too.

Note that GG World has secured 17 licenses from 12 countries (as of July 2018), all eager to run our software. In addition, all of these countries will allow GG World to run in-house developed scratchcards, bingo, slot games, casinos, sportsbooks and more.

GG International will sell GG World Lottery tickets on all national lottery websites, so players will have a chance to participate in the biggest lottery in the world directly from their familiar national lottery web pages!

By going the regulated route, our national lotteries will serve an extremely important role in developing those countries. **We will share profits with our partner countries and allocate significant income to charitable projects. This will form a part of our agreement with the regulators of each market.** We will massively promote and highlight charity activities to help advertise their achievements.



We have not only the plan but **all of the components ready to create the world's first global show – the GG World Show – which will be held bi-annually with lottery players from around the world.** These entrants will immediately become mini-celebrities in their own countries, one of just a few hundred people that might win a life-altering multimillion-dollar jackpot. All this is possible through our partnership with Goodson Gaming, a company that has launched more television game shows than any other producer and worked with 27 lotteries globally in over eighteen years.

Of course, our lotteries will be fully transparent. **Thanks to Smart Contract technology, we will provide fair draws that can assure everyone of the fairness of the draw process.** We will also be the first in the world to use – along with the transparency provided by the blockchain – a real, **True Random Number Generator**, not questionable pseudo-random number generators, as other blockchain-based lotteries have used in the past. We have figured out a unique draw system that will provide truly random numbers based on the natural randomness of the world, taking advantage of quantum physics for the draw transparency. **The system will be monitored and certified by the world-class gaming certification business, Gaming Laboratories International,** to doubly assure players of our trustworthiness.

Our lotteries will also be offered **through our multiple white label websites**, which will allow us to reach numerous markets quickly and easily. This will greatly help to advertise and spread our products around the world.

This is just a brief overview of what we have in mind. We hope you will want to become an integral part! We offer you a **lifetime revenue share** based on every GG World Lottery jackpot prize win. Each time someone wins the Jackpot prize – you win together with the Jackpot prizewinner! Please check out the Token Summary chapter for details.

[Go to Token Summary](#)



2. The Problem

The lottery industry is old-fashioned, and yet at the same time, is probably **the most popular gambling activity in the world**. The need for players to purchase physical tickets is a relic of the past, as the world moves ever faster towards internet-based solutions. To date, the necessity for operators to have hundreds or even thousands of physical outlets has slowed down the growth of the lottery market within the territories where they operate.

Access to these outlets is limited not only by working hours, but also by the queues which form, and the operation of physical hardware, such as sales terminals, monitors, scanners, ticket dispensers, and communication routers. Not only does this raise physical and electronic security concerns, but it also requires in-store merchandising and signage to promote the lottery.

The main problem the online lottery industry has to face is that most lotteries are run by governments, and are heavily protected from competition because of their ability to generate taxable income. A few **modern markets have the option to legalise non-state-controlled lotteries** by taxing them, but many markets do not allow online-based lotteries or those from foreign jurisdictions.

In fact, most online blockchain lotteries do not even try to go the regulated route. Not only do they encourage their users try their luck, but their entire operation is based on luck. It is clearly only a matter of time before all these unregulated lottery operators will be heavily fined and their websites banned by local regulatory bodies and Internet Service Providers, especially in high-risk territories such as the United States, China, Australia, Cyprus, the United Kingdom, and countries which follow Sharia law.

2.1. The Market

The global lottery industry generated over \$273 billion in ticket sales in 2017 (source: World Lottery Association). Most countries currently have either government or private lotteries. While lotteries continue to grow in emerging markets, most mature lotteries have seen sales stagnate and even drop with their failure to adopt current technologies, marketing tactics and software of the type which GG International will deploy.

Legacy lotteries have regularly introduced new products, but instead of increasing topline revenue sales come at the cost of existing games. Lotteries are also facing a disturbing demographic trend – millennials are buying lottery tickets at a much lower rate than previous generations.

Millennials, more than previous generations, rely on their phones and technology for information and engagement. Lotteries, a giant industry with many stakeholders involved, were slow to move into the digital and online worlds, and equally slow to recognise the power of social media.

With a flood of sophisticated online social games and real money games, and with more of their lives enveloped in social networking, millennials have come to view lotteries as old media, something their parents did for fun. Even though millennials have a generational tendency to support charities and good causes, most millennials are not aware of the good causes supported through ticket sales.



3. The Solution

Our solution is that we leave the traditional land-based ticket-selling systems, physical brick and mortar outlets in favour of leading-edge technology which functions perfectly on mobile devices, allowing us to reach less-developed markets. Despite the global economic downturn, a strong economic growth is seen in many African and Asian countries (source: The World Bank).

Especially in Africa, GDP is expected to grow by \$1 trillion in the next eight years. By 2040, Africa is expected to have the largest labour force in the world, outstripping both China and India (source: Amethis Finance, Africa and the Mediterranean). For the fifteen most developed countries in Africa, nearly 90% of consumers have access to a mobile phone, and Africa currently stands as the second largest and fastest growing mobile phone market in the world. **Using fifteen languages, advertisers can cover 85% of the African population.**

The mobile phone replaces all previous lottery hardware – terminals, tickets, scanners, monitors, ticket dispensers, and communication routers. The mobile phone also replaces thousands of lottery retailer outlets. Internet marketing is dynamic – with advertisements served to the user based on their profile and interests.

Push notifications keep the user highly engaged for a long time with significantly increased total sales. Purchase rates increase because of the convenience of making the purchase from any place with a mobile internet connection, not requiring the user to go to a physical store. There is also no need for expensive physical security, such as cameras, guards, and insurance. The possibility of fraud is dramatically reduced, since store staff cannot collude or steal because all transactions are digital and recorded, controlled and measured in real-time.



By integrating our draw-transparency solution, not only is the operator well-protected but users also have the greatest transparency available, provided by a decentralised network of blockchain nodes. Full software-based solutions allow us to provide updates to our lotteries in real-time, without expensive physical migration procedures.

By going the regulated route, we can share the profit with the jurisdictions we operate in, which can be especially useful in growing markets and territories. In each of these, a large part of the generated profits will be allocated to charities, making our lottery very helpful in strongly developing territories.

Unlike other projects and their white papers, we do not need to quote third-party industry experts, as we actually are the industry experts. We present our vast experience and bullet-proof solutions to give you the potential of guaranteed profit.

The GG World Lottery will reinvigorate the global lottery industry. The first global TV game show (**GG World Show**) will be a world event culminating in a bi-annual TV game show extravaganza with lottery players from around the world. The game show entrants will become TV stars in their own countries in the lead up to the game show. GG World Show will be at the centre of a social web driving online content, engagement, and promoting good causes. Along with the GG World Show, the GG World Lottery will be a new kind of lottery – digital, social and compelling. It will redefine the general understanding of lotteries and the good causes they support, creating a new generation of lottery players.



3.1. GG World Lottery Operations

The GG World Lottery will be specially designed to work within any lottery infrastructure. With a combination of instant win games (e.g. scratch cards) and a progressive lottery with two draws a week, the GG International technology can offer all the favourite types of legacy lottery games in a modern-day distribution system.

The games will be customised to fit within national culture and preferences, with good cause payments, and distribution and retailer fees adjusted to fit within national requirements.

The GG World Lottery will become a seamless addition to national lotteries' existing product offerings, easy to implement and operate, and easy for the ticket buyers to understand and get excited about.



3.2. A Global Marketing Approach

The **GG World Lottery** will be driven by a global marketing campaign. The marketing expenses will be controlled by GG International, allowing our lottery to immediately start building a global brand and awareness.

Leveraging online and social engagement with traditional advertising channels, the World Lottery will blend the human interest of the game show participants with the excitement of a global experience, turning the **GG World Show** into a global media event, the game show watched by hundreds of millions of viewers worldwide.

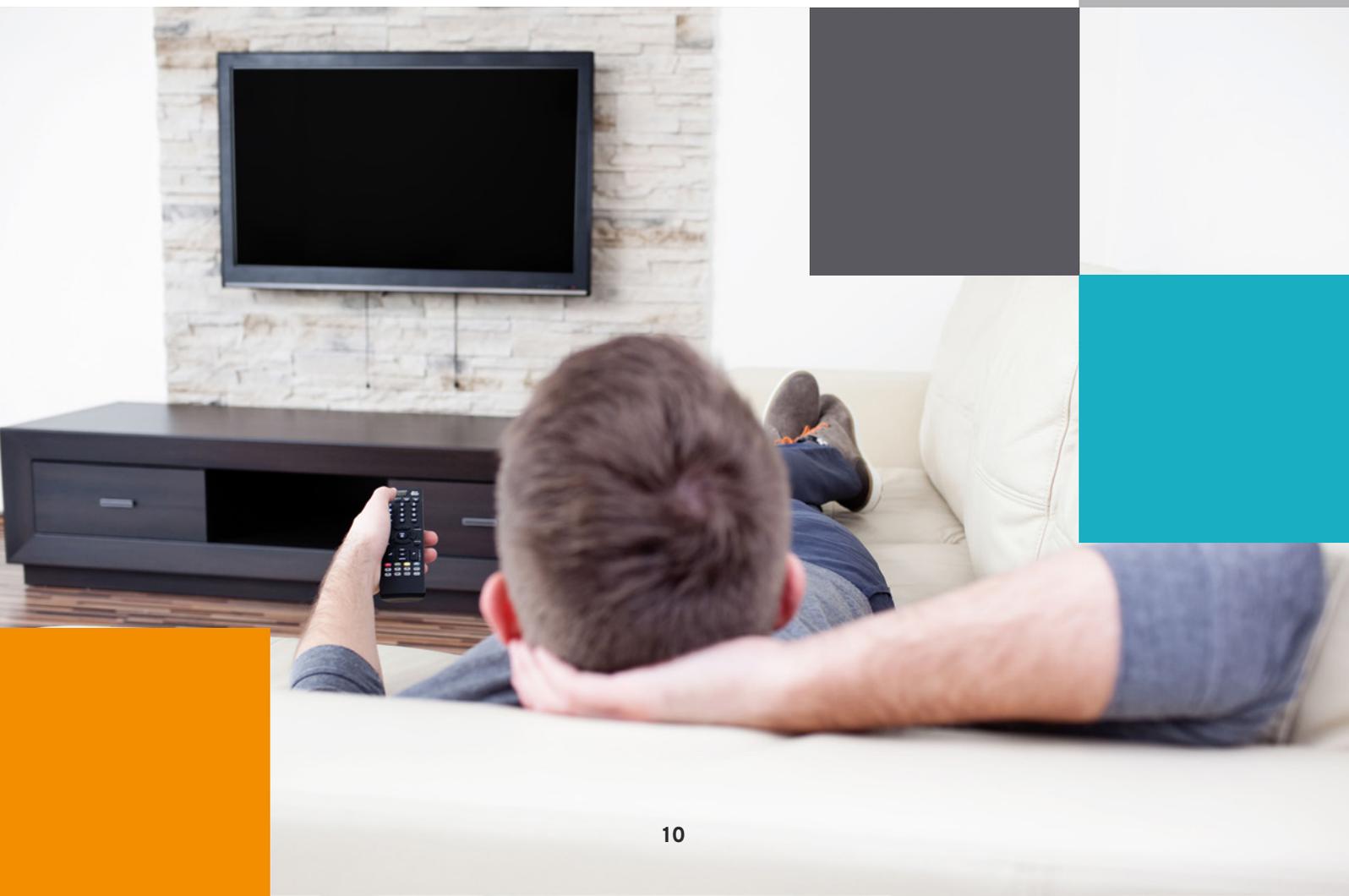


3.3. Bringing GG World to Market

GG International has assembled the technologies and an outstanding team of people with the broad and unique range of skills necessary to **turn GG World into a global powerhouse**. We have already developed the framework for the lottery and game show portion, and have begun laying the groundwork for the global media and social campaign.

GG International is working with its media associates from our many years in television broadcasting and gaming to secure contingent syndication commitments from national and regional media companies.

GG International locked down participating national lotteries and syndication in the end of the second quarter of 2018, positioning the **GG World Lottery for its global launch in 2019**.



3.4. The Charities

Charities and good causes will be a key driver of our lottery's ecosystem. Charities within each country will have an opportunity to create online profiles highlighting their mission and successes, all captured, published, and promoted on a Good Causes Wall.

Each entrant will have the opportunity to name their favourite charity operating in their country. Their friends and families or other citizens can also offer suggestions or promote their favourite charities, and online polls and lists will build interest and excitement, infusing the social conversation with a chance to help do good.

Each participating national lottery will be able to use the Good Causes Wall to highlight the good causes supported through lottery ticket revenue. In addition, GG World will focus attention on the key role that lotteries play in **creating a better world**.



3.5. The GG World Show – The Biggest TV Game Show in the World

The GG World Show will change people’s perception of lotteries and, by doing so, create a new generation of lottery players that will increase lottery ticket sales around the world. GG World will combine the finest technology, the first global lottery (GG World Lottery) and the world’s **first global TV game show** (GG World Show). The connection between these will be a unique Second Chance program that is mobile, social and engaging.

Every six months, the social build-up and excitement will culminate in a global TV game show. A nation-by-nation draw will narrow the entrants from each nation down to one national representative. The TV show will build a compelling personal narrative of each participant, available online before the show, and briefly highlighted during the broadcast.

The first GG World Show will be held in 2020, firmly planting the World Lottery in people’s consciousness. A global event, driven by new media and social engagement, the GG World Lottery will reintroduce lotteries to hundreds of millions of existing lottery players as well as millennials, highlighting the many ways lotteries improve lives. The GG World Lottery will create a compelling, modern brand, the centre of a growing social and online community of world lottery players.



3.6. Goodson Gaming

Our GG World Lottery will strongly benefit from partnership and close cooperation with Goodson Gaming, a company formed after Jonathan Goodson Productions and Gaming Solutions International (GSI) merged expertise to continue creating the world's finest lottery operations.

For over 25 years, the combination of the Goodson expertise in media and television and the GSI expertise have been used to raise billions of dollars for global lottery operations. **Now combined as Goodson Gaming**, the company is continuing in lottery markets throughout the world, and in emerging markets, with the background of many years of hands-on success in Africa.



General Television Experience

Because of the quality and success of its shows, Jonathan Goodson Productions has come to be known the world over as the “Tiffany” of television game show producers.

As the President of ABC Entertainment wrote:

“

In my opinion, Jonathan Goodson Productions constitutes the best, most talented game show organisation working in television today.

The President of NBC Entertainment wrote:

“

Jonathan Goodson Productions continues to turn out the finest game shows in the world.

Some measures by which Goodson game shows are unique:

Number of national Goodson Game Show episodes produced:

39,500

The longest running game show in the history of television

Goodson Game Show

Of the top ten long-running national game shows of all-time, percentage of Goodson Game Shows:

60%

Number of weeks during the last 45 years in which a Goodson Game Show has not been broadcast:

0

The last time the #1 daytime game show was not a Goodson Game Show:

30 years ago

Time required to watch all the episodes of Goodson Game Shows if viewed during normal 8 hour/5 day weeks:

9.5 years

Harris Katleman, the company’s COO, was President of Fox Television for 12 years and developed such mega-hits as:

LA LAW, THE SIMPSONS, NYPD BLUE, CHIPS, M*A*S*H, THE FALL GUY, IN LIVING COLOR, TRACEY ULLMAN SHOW, MR. BELVEDERE, PICKET FENCES, COPS, AMERICA’S MOST WANTED and DOOGIE HOWSER, M.D.

Lottery Television Experience

Goodson Gaming has worked with 27 lotteries – more lotteries, over a larger period of time (18 years), than any other television production company in the world. They have also launched more lottery shows than any other producer.

Their innovative mini-game format for lotteries has been copied by so many other producers that it has become the gold standard of the Lottery Industry.

They are – by any standard – the single dominant producer/creator of lottery game shows in the world today.

Lottery shows they have created, produced, and executed:

-  1. FLAMINGO FORTUNE (Florida)
-  2. ILLINOIS INSTANT RICHES
-  3. ILLINOIS' LUCKIEST (New show)
-  4. TELELOTO (Lithuania)
-  5. BONUS BONANZA (Massachusetts)
-  6. CHANCE DE ORO (Brazil)
-  7. NEW YORK WIRED
-  8. BINGO-LOTTO (Estonia)
-  9. TELEMAZLI (Hungary)
-  10. ZAMA ZAMA (South Africa)
-  11. WIN 'N SPIN (South Africa)
-  12. TELELOTO (New Format) (Lithuania)
-  13. SUPER CASH SWEEPSTAKES (Iowa Lottery TV Special)
-  14. BIG SPIN 2000 (California)
-  15. TREVO DA SORTE (Brazil)
-  16. PENNSYLVANIA LOTTERY (25TH ANNIVERSARY SPECIAL)
-  17. GUATEMALA MILLIONS
-  18. WINNERS, WINNERS (Lithuanian instant ticket show)
-  19. KING OF THE CASTLE (England)
-  20. POWERBALL – THE GAME SHOW
-  21. MASSACHUSETTS SPECIAL
-  22. THE BIG SPIN (New California Format)
-  23. POWERBALL – THE GAME SHOW (New Format)
-  24. SUPER LOTTO PLUS SECOND CHANCE SWEEPSTAKES (Ohio)

Goodson's shows have worked extraordinarily well in the lottery business, and for this reason it is safe to predict that a Goodson game show will be equally (or more) effective in driving players to gaming on the GG World Lottery website.

There is an obvious and direct parallel between lottery and gaming, and it leads compellingly to the conclusion that a Goodson game show should drive millions of viewers to an online gaming site and give it a massive competitive advantage.

3.7. Gaming Laboratories International

Gaming Laboratories International (<http://www.gaminglabs.com>) is the global leader in gaming and lottery testing. They have nearly 30 years in land-based lottery and iGaming testing, and their work is trusted by regulators in more than 475 jurisdictions worldwide.

All GG International lotteries and games will use the Random Number Generation method certified by Gaming Laboratories International based on the true, quantum randomness of the world. Thanks to this, and to the transparency provided by Ethereum Smart Contracts and blockchain technology, we are able to doubly ensure players, governments, and investors of the fairness of our draws.



3.8. The Crypto-Powered World

The GG World Lottery will expand the crypto-niche into massive populations, bringing to people an awareness of cryptocurrencies – a subject previously not present in their day-to-day lives. By educating people how cryptocurrencies, especially blockchain-based programs such as Ethereum Smart Contracts, can bring unconditional reliance on the lottery draw results, and by introducing our GGCOIN into all our lotteries – we can drive people, money and attention to the decentralised world.

We deeply believe in the decentralised world and prove it by integrating state-of-the-art decentralised technology to the core of our lotteries. We will build understanding of crypto currencies in people's minds, both in developing and well-developed countries, by showing them the advantages of the blockchain in the simplest things, such as the fairness and transparency of national and global lottery draws. **Like no other project before, the GG World Lottery stands between the previously technophile-exclusive field, and the rest of the world.** This change in the perception of cryptocurrencies, along with our GGCOIN, will bring about people's awareness of blockchain, and popularise cryptocurrencies around the world.



4. The Lotteries

GG International's fully online public gaming lotteries change the perception of usual online gaming activity. In markets advanced enough to have and regulate government licensed national lotteries, GG International is actually a partner of the locally licensed lottery operating company, and adheres to all local country legislation. If no local public gaming lottery legislation exists – which is often the case when using cutting edge technology as GG International does – we provide guidance, if requested, to regulators and markets wanting to implement their own regulation. GG International has the experience and self-regulates all its gaming products and operations globally, at world-class best-practice levels. **Key staff of GG International have been at the forefront of not only overseeing regulation of public gaming markets**, but also actually writing rules and regulations globally to ensure the public and consumers maintain full confidence in the gaming products the operator has marketed for the past 30 years. This experience and expertise maintains the same best practice standards and methods of operation, while we have moved in to a new era of distribution using the highly technical and massive advancement in the past few years of mobile technology.

Players can access their accounts and play straight from their home, work, street, while commuting, while waiting for something – basically everywhere and at any time. They are no longer limited by the presence of the physical terminal, as their computer, tablet and smartphone are their personal terminal which can be used at every moment of their lives. All of this is achieved while GG International technology assures globally basic principles necessary in the gaming world such as age, identity, and location verification to the operators. Our system ensures the correct player account is accessed, that they are old enough to participate, and that the percentage of “good cause” money is allocated to the correct recipient.

This change in consumer lottery perception from a local to a global market is followed by a different approach to lottery rules and the prizes offered. Our experience encompasses the early days of the first USA State lottery operation, which started up and moved from zero sales to record numbers in the individual states in as little as 90 days. Our team member Mark Hutchinson was also responsible for linked game products, such as Lotto America, which in 1989 linked 7 States in the USA to build bigger jackpot games, driving total sales up to now perhaps the largest lottery game in the world – the USA Powerball.

The GG International model considers and includes all key factors to offer a global game technology which allows us to market, distribute and pay for products globally. **The underlying magic, however, is that we have over 30 years of hands-on experience around the world, of starting regulated lottery operations, and providing them with development services to grow to record revenue levels over the life of the operation.** Some evolution examples are the United Kingdom and South Africa, both were started as private lottery operations and have grown to multibillion-dollar equivalent markets over the years.

GG's operation is a truly global approach to the world lottery opportunity.

Our model is driven by a global marketing campaign and global distribution technology. The marketing spend will be controlled by GG International, not the individual participating lotteries, allowing GG World Lottery to start building a global brand and awareness. Leveraging online and social engagement with traditional advertising channels, the GG World Lottery will blend the human interest of the game show participants with the excitement of a global experience and good works. This will turn the GG World Lottery into a global media event: the bi-annual game show which will be watched by hundreds of millions of viewers worldwide.



GG International's charity and good causes are a key driver of the individual market's social ecosystem. Each individual market has different needs and good causes, with charities needing the revenue generation lotteries have historically provided around the world. **GG World will focus attention, including millennials' attention, on the key role that lotteries play in creating a better world.**

The lotteries created by GG International will initially be based on the common prize and odds matrix which might be slightly changed per jurisdiction if we decide to do so, which may happen under different circumstances such as the economic or demographic status of a country. The base starting prize structure is defined as follows and uses the 6/36 model (6 numbers drawn from a 36 number pool).

MATCH	ODDS 1 in	WINNERS IN FULL POOL	AVERAGE PRIZE	TOTAL PRIZES	% of Prize Fund	Type
6	1 947 792.0	1.00	\$399 768.08	\$399 768.08	82.10%	Parimutuel
5	10 821.0	180.00	\$150.14	\$27 025.61	5.55%	Parimutuel
4	298.5	6 525.27	\$3.00	\$19 575.31	4.02%	Parimutuel
3	24.0	81158.00	\$0.50	\$40 579.00	8.33%	Fixed
2		-	-	-	-	-
1		-	-	-	-	-
0		-	-	-	-	-
OVERALL ODDS						
TOTALS	22.17	87 864.27		\$486 948.00	100.00%	



In the sample game, we assume the following:

Selling price:

\$0.50

Percentage of payout:

50.00%

Pool quantity:

1 947 792 tickets

(assuming a gaming population of 1,947,792 players and each player will purchase one ticket)

The expected revenue from the presented model:

\$973 896.00

Which allows us to maintain the prize pool of **\$486 948.00** each draw. Further market analysis and increase in pool quantity will involve adjustments to the prize structure following changes in player population, stakes and ticket price. The base model will be discussed with each jurisdiction separately.

High Jackpot prize odds increase the number of winners and in response increases the number of players taking part in the game, allowing the game's prize pool to rapidly grow at the same time. Starting up with frequent wins is very important for the game's health – nothing drives players away more than playing a game without the actual possibility of winning.



4. The Lotteries

4.1. GG World participating countries

GG International has already signed twelve NDA agreements (as of July 2018) with official regulatory bodies in various countries. We will reveal them one by one, at the same time increasing our token value. All of these countries will take part in the GG World Lottery game building stronger and greater Jackpots, which will increase the dividends payout each time! The current population in the countries presents as follows:

- Country #1: 170 000 000
- Country #2: 30 000 000
- Country #3: 40 000 000
- Country #4: 40 000 000
- Country #5: 20 000 000
- Country #6: 50 000 000
- Country #7: 10 000 000
- Country #8: 10 000 000
- Country #9: 30 000 000
- Country #10: 100 000 000
- Country #11: 50 000 000
- Country #12: 40 000 000



5. WhiteLotto

The WhiteLotto project started in 2016 with just three people who had an idea to create **a seamless bridge between old-school lotteries and the online world.**

Thanks to our presence at infinitely many conferences and a network of good, solid contacts, plus technical and graphical skills, we were able to build the framework of the lottery system that became one of the best white label lottery systems available. We rent our software to different partners, such as Seymour B.V., which uses the framework we made to bring the biggest lotteries in the world to a wider audience.

On the websites managed by Seymour B.V. such as lottopark.com or lottomat.com the tickets are physically bought in lottery outlets (or insured, which gives users the same result in case of winning – the exact settings differ between each white label and their model). **Users can participate in lotteries from different parts of the world and win the same prize as if it were right next to their home.** The beautiful side of our white label software is that you can contact us or Seymour B.V. and open your very own white label website such as lottopark.com, and in just a couple of days you can start reselling the most famous lotteries, without the expensive costs associated with creating the software yourself. Our software is translated into almost forty languages, and we serve users from almost two hundred different jurisdictions.

The white label software comes in two types which differ in how they handle payments: *basic* and *professional* white labels. The basic version is more simple as you can run your website on our software under the company name of Seymour B.V. which will process all payments for you, so that your only worry is about how to receive your revenue share. Of course, the process is a little more complicated as we have to finish the process of credit card acceptance, PCI Compliance checks and license acquisition for your domain. We can develop a unique design for you, and you will have plenty of customisation options to choose from, but if you feel running your white label under a different company's name is unnecessarily limiting, we then have the professional package.

The professional version is for anyone who wants to run the website using their own company details, own license and own payment methods.

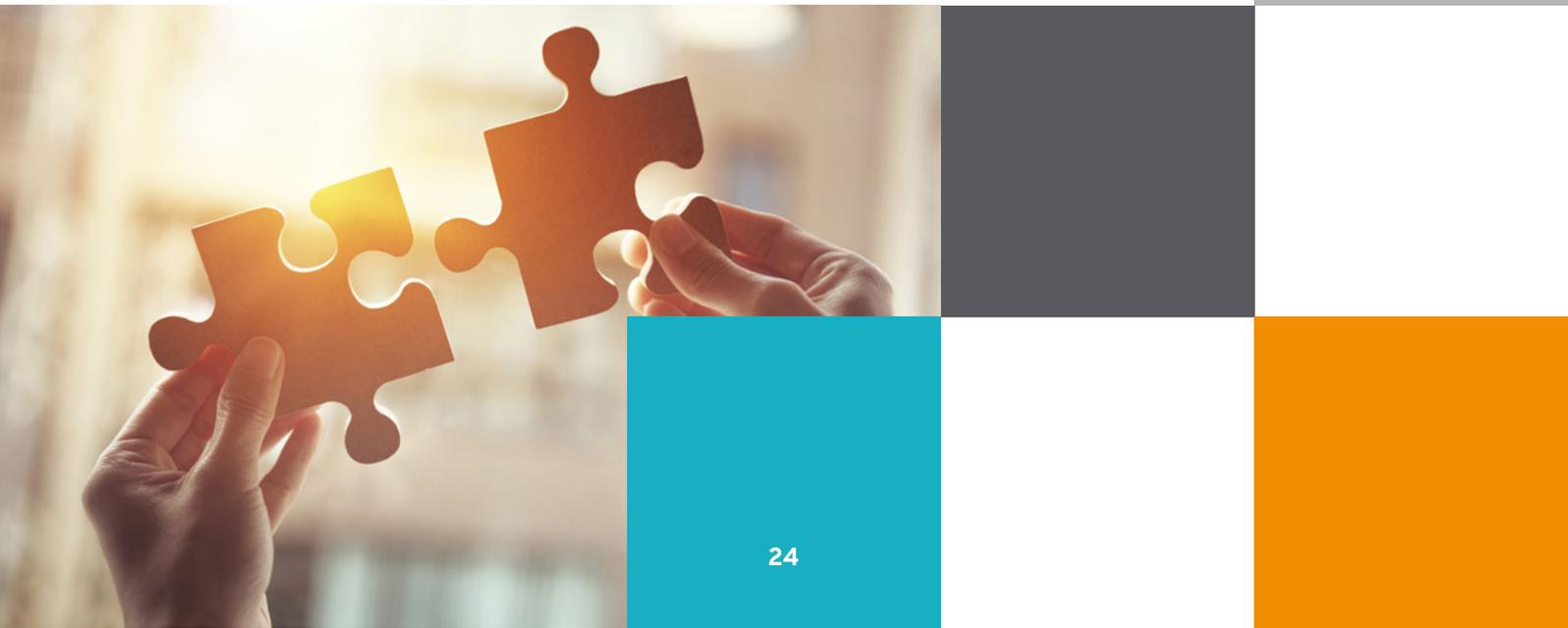
Although Seymour B.V. is our first lottery partner, we are able to reuse our software with different lotteries, different companies and different markets, and we already have some big partners on the waiting list, which we will reveal soon.

Are you interested? Here is the price list.

	BASIC	PROFESSIONAL
Setup fee (one-time)	25 000 €	50 000 €
Monthly fee	1000 €	2000 €
License fee	250 € / year	NA
VPN Server (optional)	25 € / month	25 € / month
E-mail Server (optional)	25 € / month	25 € / month
Additional language (two are free)	100 €	100 €
Additional payment methods	Individual quote	Individual quote

If you think the basic and professional packages are just too much for you, please contact one of our white labels and become their affiliate to share common profits, and build your own personalised solution as soon as possible. Our affiliate system is appreciated by our partners because of the flexibility and transparency it gives, introducing multiple parameters and **straightforward integration with Google Analytics**. Our affiliates can track their leads and parameters on a well-known analytics system giving them additional confidence and trust.

All our lotteries will be available to purchase on our white label websites. The availability may vary per country depending on the local regulations. This will increase player awareness of our lotteries around the world and make the perfect space to introduce the world's biggest lottery ever – **GG World Lottery**.



6. Technical Details

GG International introduces **True Random Number Generation** based on the randomness provided by the Quantis True Random Number Generator to all their lotteries. The TRNG hardware has been created by ID Quantique SA, Chemin de la Marbrerie 3, 1227 Carouge - Genève, Switzerland.

GG International uses the 16Mbps PCI-E version of the Quantis hardware which has the most certifications on the market including NIST SP800-22 Compliance, METAS Certification, CTL Certification and iTech Labs. Quantis has also been approved by national authorities. It works using a quantum optical process as a source of a truly unpredictable randomness. The output is a high bitrate stream of random numbers, which passes all statistical tests - **most notable ones are NIST and DIEHARD**. Quantis is also highly resilient to environmental influences¹.

It may be helpful to give an overall view of the planned system to fully understand the goal and the methodology. **The solution proposed by GG International is unique on the world-scale level** by integrating the RNG system into provably fair application that provides the draw transparency to its users by using Ethereum Smart Contracts.

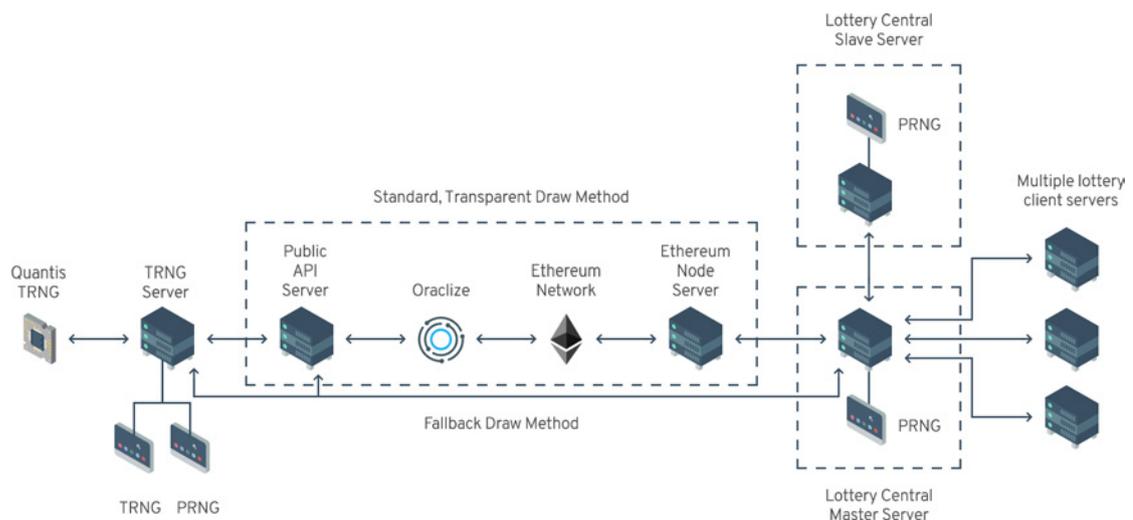


Figure 6.1. Overall schema of the proposed lottery system

Figure 6.1 gives a general look on the system design. The main point of our randomness solution is the TRNG Server with Quantis TRNG hardware installed. The TRNG Server is hidden behind the Public API Server, which stands as the gateway to the real TRNG Server and communicates with it to provide publicly accessible random numbers. The TRNG Server is accessible only for requests initiated from Public API Server or Lottery Central Server (used when the blockchain is unavailable for any reason – for example because of heavy usage).

¹ID Quantique SA RNG product description

Normally, the Lottery Central Server communicates with the Ethereum Node Server which uses the Smart Contract deployed on the Ethereum Network to fetch random data using Oraclize (3rd party company) from our publicly accessible API hosted on our Public API Server. This will provide the draw transparency, but it will also expose the draw infrastructure to the public. Because of this, to drastically decrease the chance of the draw to fail, GG International has introduced a fallback mechanism, which will fetch the draw numbers privately when the public infrastructure is under attack or unavailable for any reason. The Public API Server will cut off the access to our TRNG Server when an attack occurs, giving the chance for our private fallback methods to fetch the random data.

The draw algorithm explaining the detailed use of the infrastructure is presented on the figure 6.2. Steps certified by Gaming Laboratories International (the TRNG and PRNG programs) **are marked with blue color** and are based on two separated servers - TRNG Server with TRNG (True-RNG) and PRNG (Pseudo-RNG) applications (the latter serves as Fallback Application #1) and Lottery Central Server with PRNG (Pseudo-RNG) application only which serves as Fallback Application #2.

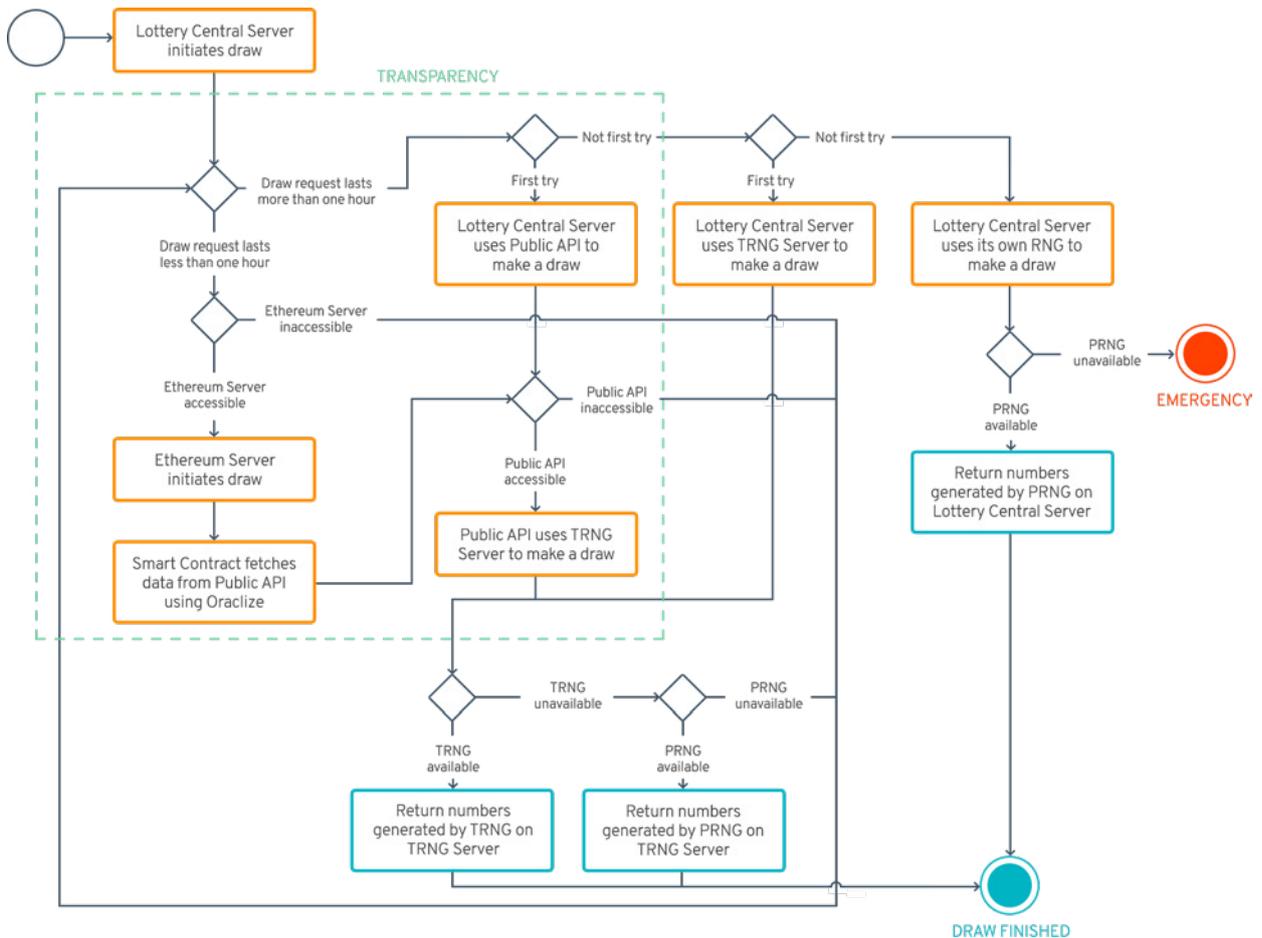


Figure 6.2. Description of the RNG scaling method

The steps that will provide transparency are marked with green box. The company reserves the right to not provide the transparency when the transparent draw cannot be made in one hour and/or Public API is inaccessible for any reason, although each draw that couldn't be made transparent will be analyzed and the cause will be publicly described.

The Public API is pretty simple. Just open the following URL to get six numbers from 1-36 range:

[https://rng.gg.international/random?count\[0\]=6&max\[0\]=36](https://rng.gg.international/random?count[0]=6&max[0]=36)

Using this URL it is possible to draw the numbers using Ethereum Smart Contracts, Oraclize and True Random Number Generator and make the draw fully transparent on the blockchain.

However, this method contains one possible caveat – it assumes the Oraclize does not modify the results. Oraclize created multiple proofs (TLS Notary proof, Android proof, Ledger proof) to overcome this issue and authenticate their results, however these methods do not guarantee 100% transparency.

One possible way to overcome this problem is to send hashed proof along with the response (using public key) and allow to decrypt the proof using hidden private key later. It could work perfectly, however there is one thing more that can make an influence on the draw. What if Oraclize will make multiple requests to the Public API and sends one that fits it the most? All of the requests will have valid proofs however the draw could not be trusted. That is why we have introduced draw tokens.

[https://rng.gg.international/draw?count\[0\]=6&max\[0\]=36](https://rng.gg.international/draw?count[0]=6&max[0]=36)

Each draw carried out by GG International has its unique token and each draw is saved with that token. Thanks to this, we are able to remove trust from Oraclize and provide fully transparent draws. The tokens are a part of our Public API. Each draw is associated with unique token which is generated in the time of the draw. This way, GG International Ltd is ensuring everybody, that they didn't know the token before. Additionally, it is always possible to fetch the draw details later using its unique token, for example:

<https://rng.gg.international/draw/test>

where "test" is a token returned by the previous method. This will give more sophisticated response than before:

```
{ "numbers": [[4,6,5,26,9,3]], "token": "test", "created_at": "2018-09-20T18:33:10+00:00" }
```

Everyone may be sure to receive the same draw data using the same token. The created_at variable ensures that the draw was carried out exactly when Oraclize fetched the URL.

The Public API has strict usage limits and every IP abusing the API will be banned for a specified amount of time. However, GG International is open to work with audit companies that would like to test Public API randomness on the huge amount of data by whitelisting their IPs.

Scaling method

GG International Ltd, after extensive testing, developed its own scaling algorithm to properly distribute random numbers based on unsigned short variable to specified draw range. The scaling algorithm, as well as whole randomness solution is certified by Gaming Laboratories International ensuring everybody of proper distribution of numbers within the specified draw range.

```
const unsigned short VARIABLE_MIN = numeric_limits<unsigned short>::min();
const unsigned short VARIABLE_MAX = numeric_limits<unsigned short>::max();

unsigned short RNG::readNumber()
{
    unsigned short number = 0;
    do
    {
        number = _readShort();
    }
    while(!checkNumber(number));

    number = scaleNumber(number);

    return number;
}

unsigned short RNG::_getLimit()
{
    const unsigned short RANGE_MIN = draw_ptr->getNumbersRangeMin();
    const unsigned short RANGE_MAX = draw_ptr->getNumbersRangeMax();
    return VARIABLE_MAX - (VARIABLE_MAX % (RANGE_MAX - RANGE_MIN + 1));
}

bool RNG::checkNumber(unsigned short number)
{
    return !(number >= _getLimit());
}

unsigned short RNG::scaleNumber(unsigned short number)
{
    const unsigned short RANGE_MIN = draw_ptr->getNumbersRangeMin();
    const unsigned short RANGE_MAX = draw_ptr->getNumbersRangeMax();
    const unsigned short LIMIT = _getLimit();
    return static_cast<unsigned short>((static_cast<double>(number) -
    VARIABLE_MIN) * (RANGE_MAX - RANGE_MIN + 1) / (LIMIT - VARIABLE_MIN) +
    RANGE_MIN);
}
```

Listing 6.1. Scaling algorithm - part of the RNG source code

The Pseudo-RNG (PRNG) application uses the same algorithm.

TRNG Hardware Details

The contents of this section are highly based on the information provided by ID Quantique SA².

The Quantis RNG algorithm is based on quantum physical processes which are fundamentally random. Subatomic particles' behavior at the quantum level is one of the few completely random processes in nature.

From the quantum physics point of view, light consists of elementary “particles” called photons. Photons exhibit a random behavior in certain situations. One such situation, which is very well suited to the generation of binary random numbers, is the transmission upon a semi-transparent mirror. The fact that a photon incident on such a component be reflected or transmitted is intrinsically random and cannot be influenced by any external parameters. Figure 6.3. schematically shows this optical system.

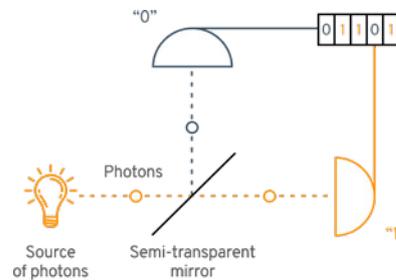


Figure 6.3. Optical system used to generate random numbers

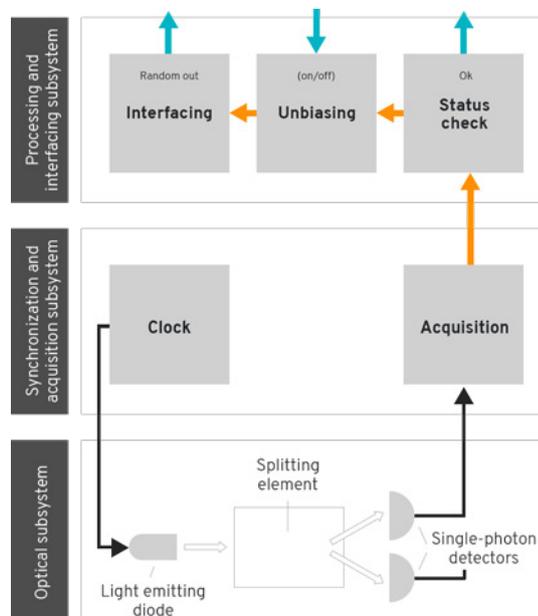


Figure 6.4. Block diagram of the Quantis RNG

² Quantis QRNG Brochure

Figure 6.4. shows the block diagram of the Quantis random number generator, which consists of three subsystems.

The first one is the core of the generator and contains the optical elements that are used to implement the random process and produce random outcomes. It comprises a light emitting diode producing the photons, a transmission element, where the random process takes place, and two single-photon detectors - detectors with single-photon resolution - to record the outcomes.

The optical subsystem is controlled by a synchronization and acquisition electronic circuit. This subsystem comprises a clock and triggering electronics for the photon source, as well as the acquisition electronics for the single-photon detectors. The processing and interfacing subsystem perform statistical and hardware checks, as well as unbiasing of the sequence. This subsystem also shapes the output electronic signals.

Physical processes are difficult to balance precisely. It is thus difficult to guarantee that the probability of recording a 0, respectively a 1, is exactly equal to 50%.

With Quantis, the difference between these two probabilities is smaller than 10% - or equivalently the probabilities are comprised between 45% and 55%. As this bias may not be acceptable in certain applications, the processing unit of Quantis performs unbiasing of the sequence.

The processing unit of Quantis performs a real-time verification of its functioning. It continuously checks if the light source and the two detectors are correctly working, and that the raw output stream statistics are within certain bounds.

Quantis is one of the most certified true RNG in the market. It has successfully passed the following certifications or government validations:

- NIST SP800-22 Test Suite Compliance
- Several iTech Labs individual Certificates
- METAS Certification
- CTL Certification

You can find our Open Source Ethereum Smart Contracts (such as draw and token contracts) on our [GitLab](#) page. We will also provide Smart Contract final addresses as soon as possible.

The GG International will use the ERC20 token standard to fully take advantage of the most secure, decentralised blockchain technology based on Ethereum Smart Contracts.

After the ICO and national lotteries start, we will release the token-holder's investment panel, where you will have to submit your token-holding Ethereum account. Thanks to this, **you will receive quarterly-paid dividends** based on the amount of tokens you own and the total amount of tokens sold during the ICO/STO!

7.1. Token details

Token name:	Token symbol:	Token standard:	Digits:	Token type:
GGCOIN	GGC	ERC20		SECURITY
Crowdsale:	Total supply (hard-cap):		Soft-cap:	
375 000 000 GGC	500 000 000 GGC		0 GGC	

Price:
\$1/GGC

ICO/STO bonus list:
\$10 000+ : 5%
\$100 000+ : 10%
\$1 000 000+ : 15%

Burnable: **yes (unsold tokens)**
Vested: **yes (team tokens only, 1-year vesting period)**
Smart Contracts: **Token ERC20**

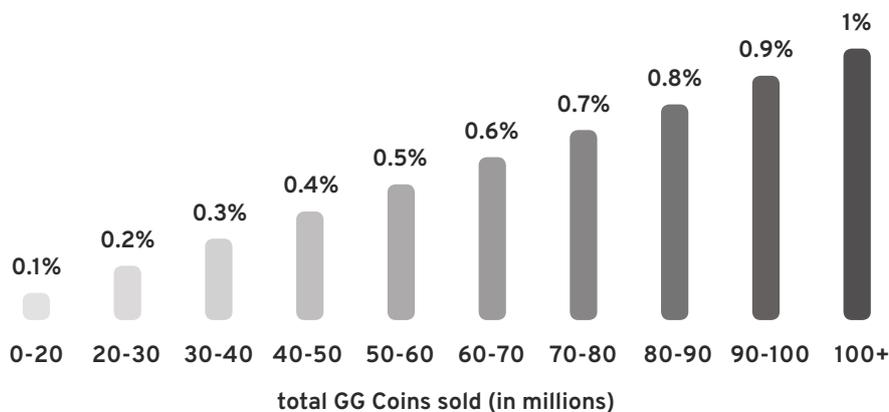


7. The GGCOIN (GGC) Token

7.2. Token-holder benefits

All token-holders will receive a **lifetime revenue share** based on every GG World Lottery Jackpot prize win. Each time someone wins the Jackpot – you win together with the Jackpot prizewinner! The dividends will be paid quarterly based on all GG World Lottery Jackpot wins.

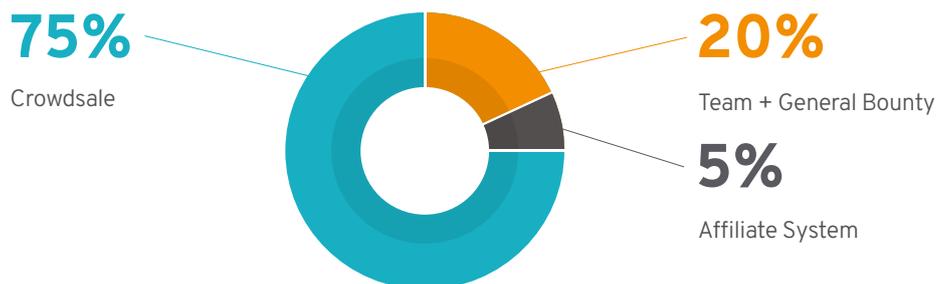
The amount of dividends paid are based on the total sales of GGCOIN and are defined as follows:



The more tokens sold – the more dividends are paid out. The dividends will be shared across all token-holders who will provide their token-holding Ethereum account inside the investor-panel area, which will be developed after the ICO. All investors will receive part of the dividends based on their percentage of token held. **Please take note, only investors who submit their Ethereum account in the investor panel (to be made in the future) will receive their share of the dividends.** Investors who forget to do so – will not be part of the dividends payout.

7.3. Token allocation

Funds will be allocated as follows (percentage is based on total coins sold, not total supply).



7. The GGCOIN (GGC) Token

7.4. Sample dividends calculation

The average lottery sales assumption is one ticket per draw per citizen, a number proven by multiple lotteries which are already live. It is quite easy to calculate the Jackpot prize fund assuming that the Jackpot pool is built up from 40% of the total income, the average ticket price is \$0.50 and there are total of 2 draws per week.

Average population per country:

50 000 000 (see chapter 4.1)

Average jackpot growth per country per week:

$50\,000\,000 \times \$0.50 \times 40\% \times 2 \text{ draws} = \$20\,000\,000$

GG World participating countries:

12

Total token supply:

300 000 000 GGC

Dividends payout:

1%

Tokens owned by investor:

300 000 GGC

Investor share of tokens:

$300\,000 \text{ GGC} / 300\,000\,000 \text{ GGC} = 0.001 = 0.1\%$

Dividends to share per week:

$\$20\,000\,000 \times 1\% \times 12 \text{ countries} = \$2\,400\,000$

Investor earnings per week:

$0.1\% \times \$2\,400\,000 = \$2\,400$

Investment return:

$\$300\,000 / \$2\,400 \approx 125 \text{ weeks} \approx 2.5 \text{ years}$

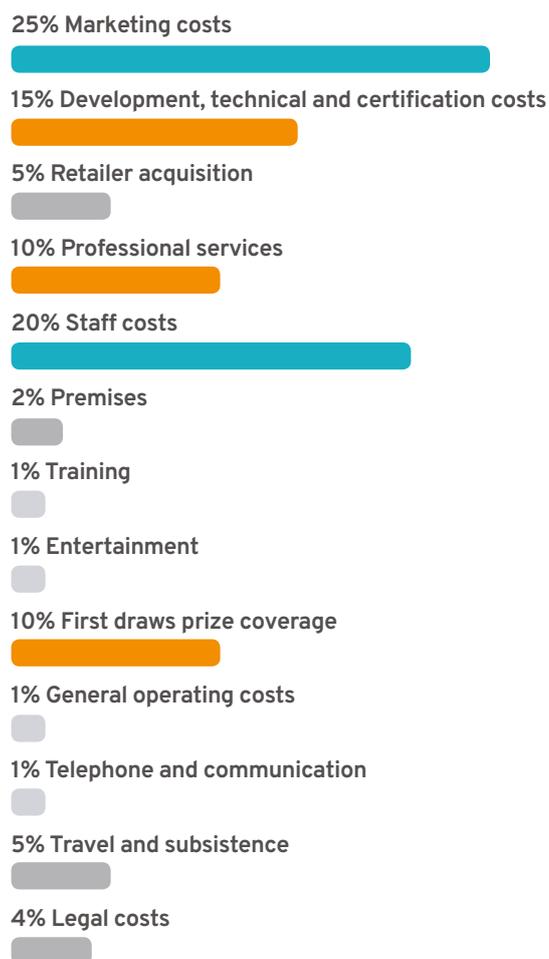
7. The GGCOIN (GGC) Token

7.5. Crowdsale funds allocation

Funds will be used to cover operational costs, such as start-up costs, licenses, marketing, development, hardware, infrastructure, local offices (if necessary), lawyers, TV and radio operational costs, and of course, to grow all our lotteries rapidly to globalise the lottery market.

The average start-up costs for one lottery are close to \$15 000 000. The full ICO funds can cover start-up costs of up to 25 lotteries, which will allow us to expand national lotteries operation more quickly, and at the same time introduce the GG World Lottery to more countries. This will increase the GG World Lottery Jackpot and at the same time increase the dividends paid out to investors – providing a win-win situation for everyone.

Note that with 17 licenses from 12 countries now secured, the rapid rollout of GG World to new territories will be enhanced by the utilisation of the full Hard Cap. The expected overall funds allocation is planned as follows:



This may vary, but it should give a brief insight into the costs of running multiple government-regulated lotteries. The expected costs for each country and/or regulated jurisdiction should be similar and adequate.

7. The GGCOIN (GGC) Token

7.6. Payment methods

Ethereum: Mist, MetaMask, MyEtherWallet, Parity, imToken and similar.

Other payment methods: Bitcoin, CoinPayments, Wire transfer.

You will need to provide us with your Ethereum address in the Account area on the ICO website. We will then be able to assign you the tokens.

In order to purchase and receive tokens, you will need to finish the KYC (Know Your Customer) process in the account area after signing in. We may ask you for additional data if we find it applicable.

Please note that citizens of the FATF sanctioned countries (for more information please visit [FATF website](#)) are prohibited from participating in the token sale, either public or private.

Please also note that citizens of the United States, United Kingdom, Singapore, China, Southern Korea, Canada, Germany, Israel, Liechtenstein, The Netherlands, Spain, Switzerland, Thailand, The UAE, Malta should not be eligible to participate in the public token sale. If the citizens of the restricted countries are interested in participating in the token sale, they must perform additional steps described after sign up. The tokens will not be sold to the citizens of the restricted countries in the public sale.

7.7. General bounty program

400,000 GGC will be distributed in the Bounty program. The Bounty campaign started on 2018/10/17 and will proceed till 2019/02/28. During this time, all participants will have the possibility to earn “contribution” bounty. After the Campaign end, the team will distribute the entire award among all campaign participants within 3 weeks. The details about bounty campaign can be found [here](#).

U.S. and the FATF sanctioned citizens (for more information please visit [FATF website](#)) are prohibited from participating in the bounty program. Receiving the bounty requires you to finish the KYC process as specified by the KYC rules that can be found on the ICO website.

7. The GGCOIN (GGC) Token

7.8. Bug bounty program

Anyone able to find security flaws or other problems in our software (ICO and Smart Contracts) is encouraged to take part in our bounty program and submit the bug with the following details:

- Short description of vulnerability
- Long description of vulnerability
- Vulnerable application name
- Steps to reproduce bug
- Severity (Note, Low, Medium, High, Critical)
- Impact
- Screenshots (if applicable)
- Recommended fix

The rewards for the accepted bugs are as follows:

Critical: GGC 5,000 – GGC 10,000

High: GGC 1,000 – GGC 5,000

Medium: GGC 500 – GGC 1,000

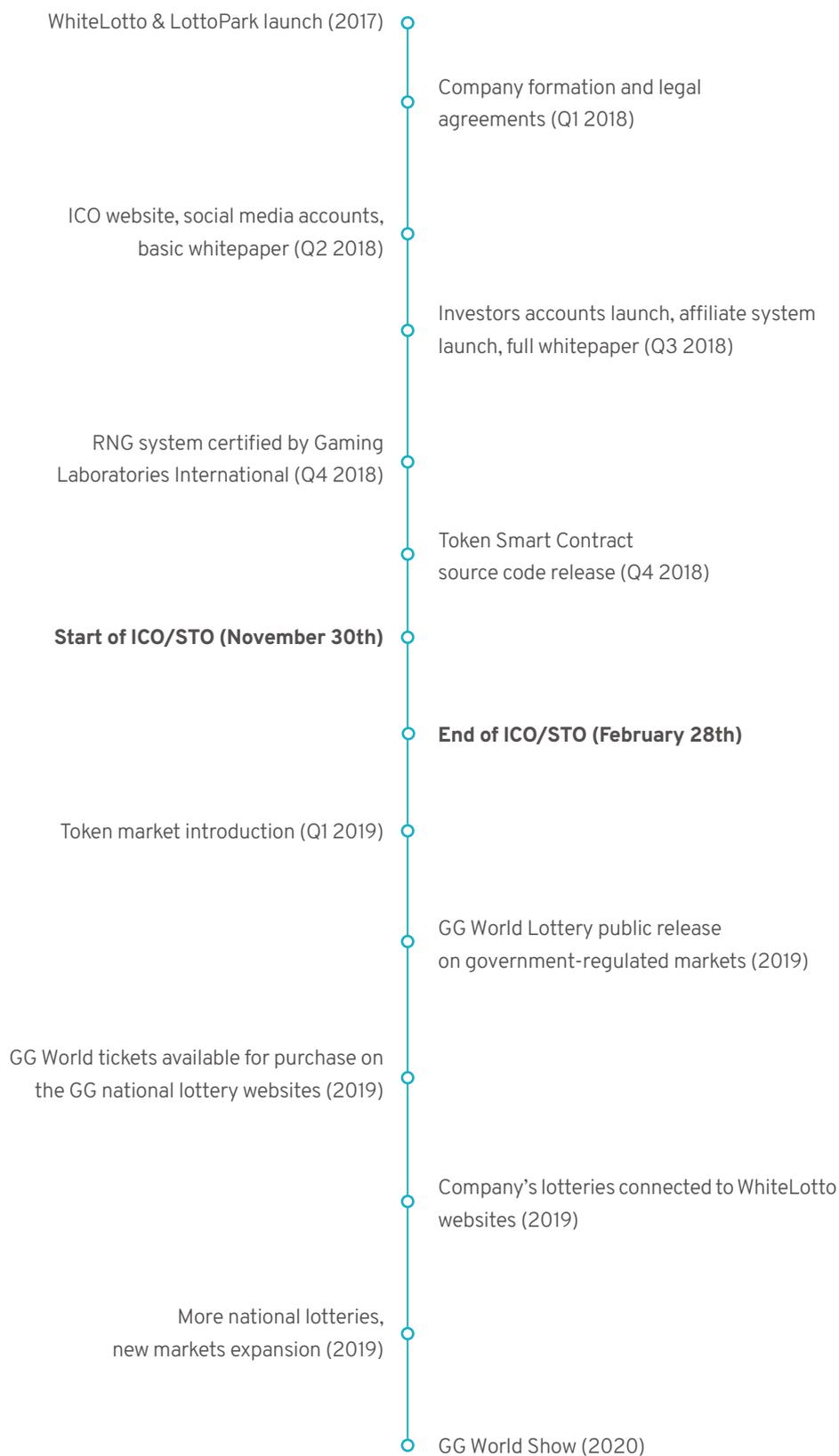
Low: GGC 100 – GGC 500

Note: up to GGC 100

The tokens will be assigned from the Team tokens pool after the Public ICO ends and will not be vested. The team reserves the right to change the suggested severity level or ignore the bug report if they will find it not applicable. Only the first person who sends the particular vulnerability will be authorized to receive the bounty. Please send all vulnerabilities to tech@gg.international and thank you for helping us to develop even more secure software.

U.S. and the FATF sanctioned citizens (for more information please visit [FATF website](#)) are prohibited from participating in the bounty program. Receiving the bounty requires you to finish the KYC process as specified by the KYC rules that can be found on the ICO website.

8. ICO/STO Roadmap



9. Affiliate System

5% of total token supply will be reserved for affiliate system payouts. Although, the total payout will not exceed **5%** of total tokens sold in the public Initial Coin Offering.

Each affiliate will receive **5%** revenue share of tokens purchased by their leads (investors registered using a unique affiliate link).

The unused tokens will be burned, along with unsold ICO tokens.

To register as our affiliate, just open an account on our [ICO website](#). You can become an affiliate even if you are planning to purchase the tokens, as investors and affiliate accounts are the same. Just use your affiliate link and start earning additional tokens.

The FATF sanctioned citizens (for more information please visit [FATF website](#)) are prohibited from participating in the affiliate program. Receiving the affiliate tokens requires you to finish the KYC process as specified by the KYC rules that can be found on the ICO website. Citizens of restricted countries may need to perform additional steps to take part in the affiliate program.



10. The Team

Mark Hutchinson



CEO of GG International Ltd, Gaming Solutions International and Goodson Gaming LLC.

A 35-year veteran of the global lottery industry and one of the world's leading experts in emerging markets, especially Africa.

Director of the Kansas Lottery, and a **founding member of State of Lotto America** start up (Powerball, the world's largest lottery game).

Mark assisted with the set-up and development of the first scratchcard operation ever in Brazil in 1989. In the United Kingdom, he introduced scratchcards to the UK Charities Lottery in the late 80's, setting record sales levels and being credited with the beginning of the nationalisation of the industry in the UK.

He recruited the world's largest and most successful television game show name (Goodson) to **create globally successful television game shows** to drive lottery game sales.

Wojciech Łysak



GG International Founder and expert in international solutions.

With fifteen years of experience in online gaming entertainment and online marketing, Wojciech is a well-known presence at numerous international gaming conferences.

He is an expert in B2B relationships and connections, and he has deep **experience in multiple successful start-ups**.

Tomasz Kłapsia



Has over thirteen years of experience in Internet and online industries.

He is GG's project manager and lead developer of WhiteLotto software, with extensive **experience in developing blockchain applications**, mobile applications and video games.

Tomasz is passionate about programming, application security, server administration and quantum physics.

10. The Team

Daniel Dworak



Specialises in **web-based computer visualisation and data transmission improvement** (retrieval, storage and compression).

Since 2013 he has been working on his doctoral thesis at the Łódź University of Technology. The focus of his PhD concerns the compression of large computer graphics data sets for interactive internet applications.

Norbert Radoki



Supports GGCOIN with his **extended social networks and media experience**.

He is the CEO of Bitcoinist.com – one of the leading news sites in the crypto industry, and he is in love with crypto currencies and graphic design.

His goal and passion are to make crypto currencies as popular as possible.

Jonathan Millet



NewsBTC Media Group, Chairman.

Jonathan has been **involved in the crypto industry since 2012**.

He is a hardcore believer in technology, **ICO funding expert**, known for strong teamwork. Believes in the right execution.

Evgeny Grishakov



From the age of 16 he has been in business, starting from retail to IT startups.

In 2014 Forbes magazine rewarded Evgeny's company as the best offline startup of the year.

Evgeny is **CEO of Merklion Company**, which is engaged in funding ICO projects. Merklion participated in such iconic projects as KamaGames, Arbidex, Micromoney and Revain.

10. The Team

Vin Foresta



One of the early proponents of blockchain technology, Vin is a **technology investor, product architect and strategic adviser**.

Additionally, Vin is the founder of [ICOWhitelist.com](https://www.icowhitelist.com), the worlds largest blockchain investor network.

For the last 24 years, Vin has been working with technology and has had several successful exits.

Dr. Alberto Alexander



Selected **ICO advisor and strategist**, Dr. Alberto is a passionate believer in decentralized solutions. As a super connector he brings his **vast network of international relationships and ICO expertise** to our platform.

Dr. Alberto and his team look forward to help the GG International World Lottery Team and their investors achieve their goals, gain greater global exposure and establish collaborations with some of the most influential leaders and investors worldwide.

Timo Trippler



Timo Trippler is an **ICO Advisor and entrepreneur** with FinTech and InsurTech industry background.

He is an **expert in financial market and risk management with 12 years of experience** in financial transactions. He has been working in Blockchain field since 2015 and had a large number of various ICOs under his advice.

He uses his business network to raise funds from institutional Investors, Family Offices, Venture Capital and Private Equity companies. He is currently **connected to more than 300 institutional Investors around the world**.

11. Quick Summary

- ✓ **GG World Lottery is the first fully government-regulated and transparent global lottery.**
- ✓ GG International will open multiple national lotteries – or become channel partners for existing national lotteries – starting in Africa, Asia and South America countries.
- GG International is already running a white label lottery software called WhiteLotto. GG International maintains a partnership with Seymour B.V. which operates multiple white labelled websites based on WhiteLotto software (such as lottopark.com and lottomat.com). More than 250 crypto currencies are accepted there.
- ✓ GG International **has secured 17 licenses from 12 countries** (as of July 2018).
- ✓ GG World Lottery tickets will be sold on **national lottery websites** and WhiteLotto white label websites. National lottery tickets will also be sold on WhiteLotto white label websites.
- ✓ GG International will focus on charities in all countries where the GG World Lottery and national lotteries operate in.
- ✓ **GG International will create the first global TV show, called GG World Show**, with participants from around the world. This will be made possible by our partnership with Goodson Gaming, the company which has created 27 lottery shows around the world.
- All our lotteries will use innovative technology which connects leading-edge Smart Contract technology with the natural randomness of the world, based on the principles of quantum physics. As **the first project of its type in the world, we will integrate true random number generation with blockchain transparency**. Additionally, our random number generation solution will be **certified by Gaming Laboratories International**.
- ✓ All token-holders who submit their Ethereum account in the investor's panel area (to be made in future) will receive their quarterly paid **lifetime revenue share** based on all Jackpot prize wins, the amount of tokens held, and the amount of tokens sold during the ICO/STO. Thanks to this simple idea, the dividends are easy to calculate and fully transparent.

12. What to do now?

The public sale is live! Please [sign up](#) and follow the steps to participate.

You can open your investor/affiliate account and subscribe to our social feeds right now! Just sign up on our website and build your network of leads or participate in the public sale to make the most of our ICO/STO:

<https://ico.gg.international>

LEGAL DISCLAIMER

PLEASE READ THIS DISCLAIMER SECTION CAREFULLY. THIS DOCUMENT IS CREATED SOLELY FOR INFORMATIONAL PURPOSES ABOUT THE GG WORLD LOTTERY PROJECT.

NOTHING IN THIS WHITE PAPER CONSTITUTES, OR IS INTENDED TO BE CONSTRUED AS, AN OFFER TO ISSUE, ALLOT, SELL, OR OTHERWISE TRANSFER, OR AN INVITATION, ADVERTISEMENT, SOLICITATION, RECOMMENDATION, ADVICE, OR INDUCEMENT TO INVEST IN OR MAKE A COMMITMENT TO INVEST IN, ANY SECURITIES, OPTIONS, OTHER FINANCIAL INSTRUMENTS OR OTHER ASSETS, WHATSOEVER.

THIS DOCUMENT IS NOT INTENDED TO GIVE AND DOES NOT CONTAIN ANY SORT OF PERSONAL, LEGAL OR FINANCIAL ADVICE. IT IS HIGHLY RECOMMENDED TO CONSULT YOUR OWN LEGAL AND FINANCIAL EXPERTS FOR FURTHER GUIDANCE.

1. The main goal of this White Paper – introduce the GG World Lottery Project and GGCOIN tokens to the potential token-holders in light of the forthcoming GGCOIN Initial Coin Offering (“ICO”).
2. The information set forth below cannot be exhaustive and does not imply any elements of contractual relations. Its sole purpose – provide relevant and up-to-date information about the GG World Lottery Project and the team behind the project to the potential token-holders in order to determine whether to conduct a more thorough analysis about the Project with the intention to purchase GGCOIN tokens.
3. Although this White Paper aims to provide the most relevant and accurate information, the information set forth in this document is only intended to provide general and preliminary information to the potential token-holders and shall not be construed as the basis of any investment decision or strategy. This document in no way constitutes professional advice.
4. Nothing in this White Paper can be considered or construed as forming part of the Prospectus of any kind. The information provided in this document has no relation to the securities offering in any jurisdiction.
5. This document is not made in accordance with the laws or regulations of any jurisdiction since it carries the informational purpose only and is not, therefore, subject to the laws and regulations designed to protect investors.
6. GGCOIN Token is only intended for public sale in jurisdictions where no securities regulatory regime has been imposed on tokens by authorized governmental bodies. Potential investors from the abovementioned jurisdictions may purchase GGCOIN Tokens via ICO in accordance with the GGCOIN Token Sale Agreement and this White Paper.
7. GGCOIN token is not intended for sale or use in any jurisdiction where the sale or the use of digital tokens is prohibited. GGCOIN token is not intended for public sale via ICO where such tokens may be considered securities. For persons from such jurisdictions, this White Paper is for informational purposes only.

The company reserves the right to conduct a verification procedure in accordance with GGCOIN AML/KYC Policy that can be accessed on the GG World Lottery website. For more information on the jurisdictions that are excluded or restricted from the public token sale, please refer to the GGCOIN Token Sale Agreement that can be accessed on the GG World Lottery Website. **Please read the GGCOIN Token Sale Agreement carefully before purchasing any GGCOIN tokens.**

8. GGCOIN token does not give and cannot be construed to give any financial, legal or other rights in any form apart from the rights expressly defined in the Token Sale Agreement. In case of differences in the GGCOIN token definition in the White Paper and the Token Sale Agreement, the Token Sale Agreement definition shall prevail.

9. The risk of investing in tokens is high given the unstable regulatory frameworks, market volatility and fluctuations. Thus, only investors that have a sound understanding of the way crypto industry operates and those that have read the risk warning contained in the Token Sale Agreement, the latest version of which can be accessed on our website, should purchase GGCOIN tokens.

10. Some of the statements in the White Paper include forward-looking statements which reflect the Company's and/or the Directors' current views with respect to financial performance, business strategy and future plans, both with respect to the ICO and the sectors and industries in which the Company operates. Statements which include the words "expects", "intends", "plans", "believes", "projects", "anticipates", "will", "targets", "aims", "may", "would", "could", "continue" and similar statements are of a future or forward-looking nature. Such forward-looking statements or information include known and unknown risks and uncertainties, which can lead to the situation when the actual events or results materially differ from the statements and estimates implied or expressed in such forward-looking statements.

11. All forward-looking statements address matters that involve risks and uncertainties. Accordingly, there are or will be important factors that could cause the Company's actual results to differ materially from those indicated in these statements. These factors include but are not limited to those described in the part containing risk warnings in the Token Sale, which should be read in conjunction with the other cautionary statements that are included in the Token Sale Agreement. Any forward-looking statements in the White Paper reflect the Company's current views with respect to future events and are subject to these and other risks, uncertainties and assumptions relating to the Company's operations, results of operations and growth strategy.

12. These forward-looking statements speak only as of the date of the latest uploaded version of the White Paper in English. The GG International LTD Company undertakes no obligation publicly to update or review any forward-looking statement, whether as a result of new information, future developments or otherwise. All subsequent written and oral forward-looking statements attributable to the Company or individuals acting on behalf of the Company are expressly qualified in their entirety by this paragraph. Prospective token-holders should specifically consider the factors identified in the Token Sale Agreement which could cause actual results to differ before making an investment decision to purchase GGCOIN Tokens.

13. This White Paper can be amended at any time to provide more detailed information or reflect some changed circumstances. In such cases, the latest version of the document shall prevail over the older version. The GG International LTD company does not undertake to notify of any changes. The latest version of the document can be accessed via our website <https://ico.gg.international/>.

14. Although we make every effort to ensure that the latest version of the White Paper uploaded on the website is relevant and accurate, you must not rely on the information provided in this document as an alternative to the qualified professional advice from the third party.

15. If you have any specific questions about any legal, financial, taxation or other issues, you should consult an appropriately qualified professional.

16. This document in the English version is the main official source of information about the GG World Lottery ICO Project.

17. Information contained in this document may, from time to time, be translated into other languages or used in writing or verbally to communicate with the existing or potential clients, partners etc. In case there is a conflict or inconsistencies between the translated versions and the official document in English, the provisions contained in an official document in English shall prevail.

18. The GG International LTD company will not be liable to you in respect of any business losses, including without limitation loss of or damage to profits, income, revenue, use, production, anticipated savings, business, contracts, commercial opportunities or goodwill that may arise directly or indirectly from the document.