



D E X I S C H A I N

A platform that enhances the transparency of information
on current and future real estate.

WHITE PAPER



EXECUTIVE SUMMARY

Data Access Disparity is Limiting the Potential of Real Estate Markets

Few opportunities compare to the global real estate market when it comes to presenting investors with enormous profit opportunities and outlook for growth. As developing economies across Africa and Asia grow at an ever-increasing pace, demand for new real estate alone is enough to ensure a constant source of appreciating property values and booming rental markets hungry for capital influx. One need only look at the wide variety of REITs (Real Estate Investment Trust) currently commanding an estimated \$1.7 Trillion global market capitalization to see that there is no shortage of funding for the foreseeable future.

Even mature markets like North America or the EU continue to perform exceptionally well even as slowing economic growth drives investors towards more conservative assets like real estate. Indeed, it could be said that the 2008 economic crisis has “inoculated” the market to a degree, eliminating or reducing many of the most egregious banking and marketing practices. This has resulted in a real estate market driven by sophisticated investors focused on reliable returns and careful risk management.





While there is plenty of capital flowing into the market, access for the everyday retail investor is surprisingly limited. For capital outside of major institutional support, the key barrier to entry is one of information. Due to highly localized factors affecting the outlook for any given property development project, smaller investors struggle to get reliable data on underlying assets. In other words, John Smith from Milwaukee, Wisconsin would have quite a hard time figuring out whether an REITs increased exposure to property in Nairobi, Kenya is a net positive or not. There is simply no easy way to acquire such information without either paying for expensive professional appraisal and due-diligence services or relying on advisory products such as research newsletters. Either option still presents the investor with a situation where a single point of failure can jeopardize or even completely decimate their investment.

The incongruity in data access is particularly troubling in the case of REITs because their low long-term volatility and high profit distribution requirements makes them ideally suited for retail investors seeking enduring and reliable returns. DexisChain seeks to resolve this information inequality problem through the application of blockchain-based predictive markets, coupled with a machine learning and modeling layer to generate affordable, reliable and actionable investment data for the real estate space at all levels of investing experience.





PROJECT VISION

DEXISCHAIN as a Universal Real Estate Market Prediction Platform

DexisChain is a platform developed to bring uniquely powerful “wisdom of the crowd” information sourcing mechanics to the real estate investing industry — greatly increasing transparency and lowering the barrier of entry for the average retail investor.

To achieve open data exchange, DexisChain leverages the proven accuracy of prediction markets to democratize the information required for profitable real estate investing. While initially focused on data within the REIT (Real Estate Investment Trust) space, the DexisChain platform will eventually encompass all manner of real estate investing products, such as real estate ETFs, mutual funds and even individual company stocks as well as other more granular real estate data.

As a unique secondary layer, DexisChain also incorporates competitive data science to make use of the rich data that prediction markets generate. This layer further democratizes data access by making it available to machine learning models and creates a marketplace where investors can rent highly accurate real estate prediction models from data scientists. As the models themselves are aggregated by the platforms, this data too can be fed to more advanced machine learning systems for the eventual creation of a native real estate prediction AI to be leveraged by traders.





The DexisChain prediction market-to-data modeling cycle generates multiple profit opportunities for investors at different levels of capital and risk tolerance. This cycle also helps build an ecosystem of increasingly accurate real estate data.

Beyond simply providing accurate and easy-to-digest data on real estate sentiment and likely outcomes, the DexisChain platform will also eventually grow to incorporate direct investment capabilities. This, along with a strong focus on UX and usability, will allow DexisChain to position itself as a sort of “Robin Hood” for real estate investing; a user-friendly platform where investors at all levels of experience and liquidity can quickly source, analyze and act upon high-quality real estate market data.





MARKET FIT

Global Outlook: The Real Estate Sector is Fueled by Growing Demand from Developing Economies and Increased Sophistication and Stabilization in Mature Markets

Notable Markets

India

The real estate sector is the second largest employer in the country (second only to agriculture) and is expected to grow by 30% over the next decade. By 2020, it is projected to reach a market capitalization of \$180 Billion, by which time the housing industry will comprise as much as 11% of GDP. [1]

The rapid growth of the corporate environment further complements upward trends, as demand for office space and urban housing for young professionals are unlikely to slow down in the near term. Most recently, private equity and debt investments in India's real estate sector grew 12% year-over-year to \$4.18 billion in 2017.

Furthermore, government action taken to develop a more robust regulatory framework plus the recent introduction of REITs demonstrates a clear transition to a more sophisticated investing environment, one that is ready to welcome much more foreign capital.



Africa

Across the African continent, falling commodity prices have resulted in accelerated growth for commodity-importing countries. The biggest gains from this trend have centered around East African countries such as Tanzania, Ethiopia, Kenya and Rwanda, and the West African economies of Côte d'Ivoire and Senegal.

With population growth across Sub-Saharan Africa outpacing every other global region, an increasing volume of capital has targeted the region's young and increasingly urbanized demographic. The growing demand for real estate investment and development has led to a series of new investment vehicles being launched in recent years.

Development activity has also focused on retail property as the shopping mall concept gains popularity in an increasingly wide range of Sub-Saharan cities. In addition to commerce, the need for modern warehousing infrastructure is starting to be recognized and planned for. [2]





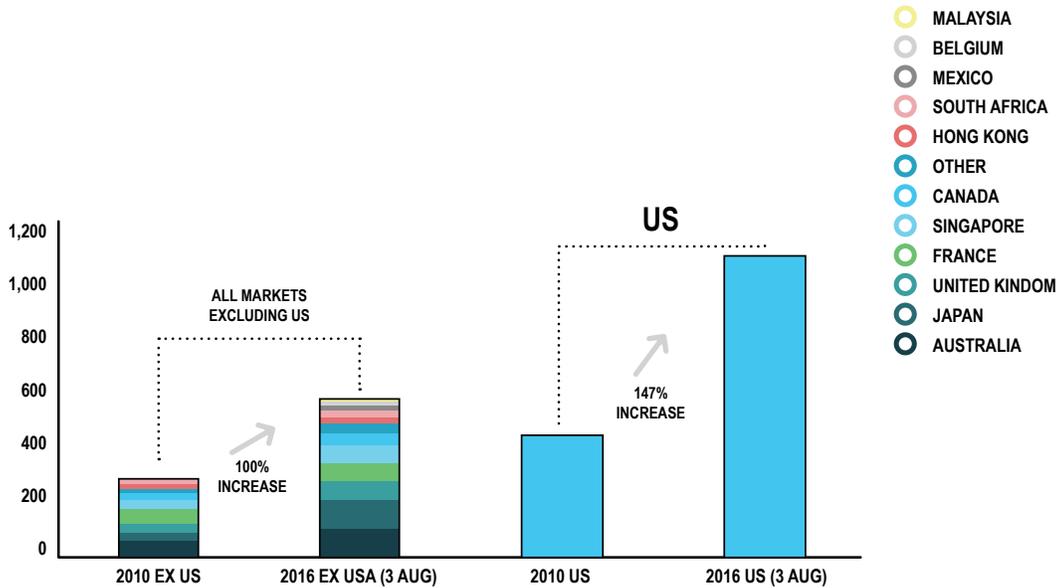
USA

With a diverse and deep well of debt and equity capital, the US real estate market is poised to maintain modest but healthy growth through the foreseeable future. As both borrowers and lenders rightly anticipate slow economic growth, investors will continue to move towards safer assets offering reliable returns.

Simultaneously, a greater influx of capital will come from overseas investors seeking the strategic value and safety of US real estate as one of the least restrictive asset classes available to foreign capital. Like American investors, those from abroad will also come in search of predictability and minimal risk. [3]

EU

The overall economic environment for the region is expected to remain positive in coming years or beyond. A continued growth in managed assets should create pressure to deploy increased capital, some of which will undoubtedly fuel new real estate projects. Retail and e-commerce growth will continue to increase the need for more office and rental space, while the sheer quantity of available investment capital will prevent large-scale residential development from slowing. Ongoing operator consolidation across Europe will also present real estate investors with new opportunities. [4]



While there is certainly much more excitement to be had in high-growth markets, this brief overview is a clear indication that the global real estate investing market is well positioned to handle economies at various points of the development spectrum. Therefore, the problem to tackle is not one of market fundamentals, but rather the availability of insight and information required to further deepen the pool of potential investors.



REITS

Flavors to Fit Any Investor

As previously mentioned, the REIT global market has an estimated market capitalization north of \$1.7 trillion, making it one of the most fertile and diversified grounds for investing. REITs exist in 4 primary categories:

Equity REITs — The majority of REITs are publicly traded equity REITs. Equity REITs own or operate income-producing real estate.

Mortgage REITs — mREITs provide financing for income-producing real estate by purchasing or originating mortgages and mortgage-backed securities and earning income from the interest on these investments.

Public Non-listed REITs — PNLRs are registered with the SEC but do not trade on national stock exchanges.

Private REITs — Private REITs are offerings that are exempt from SEC registration and whose shares do not trade on national stock exchanges.



Beyond these basic types, the kind of real estate that REITs focus on is where the true variety of this instrument shines, and where the hunger for better data is most evident.

Aside from standard categories like Office or Retail REITs, there exist REITs that focus exclusively on such diverse property types as hospitals, data centers, infrastructure, casinos, movie theaters, etc. [5]

REITs offer unique advantages to investors due to the parameters that define them. To qualify as a REIT a company must:

- Invest at least 75 percent of its total assets in real estate.
- Derive at least 75 percent of its gross income from rents from real property, interest on mortgages financing real property or from sales of real estate.
- Pay at least 90 percent of its taxable income in the form of shareholder dividends each year.
- Be an entity that is taxable as a corporation.
- Be managed by a board of directors or trustees.
- Have a minimum of 100 shareholders.
- Have no more than 50 percent of its shares held by five or fewer individuals.





EMERGING TREND

Sharing Economy Uses Case

It is worth noting that as the popularity of Airbnb and other competing platforms continue to grow, a market for data-critical single property investments has also started to develop. This sector is likely to keep growing and cannot be dismissed; as a major player in the real estate universe, Airbnb alone operates across 65,000 cities with more than 3,000,000 listings.

Here the key differentiating factor versus traditional rental property investing is the far greater data sensitivity involved. The short-term rental industry offers great potential rewards, but in order to be successful, an investor (as the Airbnb "host") needs to take into account a whole slew of market micro-trends that traditional real estate investors would need not be concerned with. Data on local event schedules, temporarily available amenities, seasonal travel trends, social and ethical environments, local property value trends, as well as the unique dispositions of likely renters in the area at that time of year, are all factors that need to be taken into consideration to maximize profitability and ROI. Then there are even more granular factors to consider, such as cleaning services, utility bills, landscaping, pool service, repairs, Airbnb fees and overall risk management.



This unique market presents another possible application of the DexisChain predictive markets by making highly granular in-city data available to the same crowdsourcing mechanisms. As uniquely positioned knowledge-holders looking to maintain neighborhood quality, local residents would be incentivized to provide accurate information, aid property values and, most importantly, profit from their data via the Dexis token.

The ability to offer micro-investment intelligence at an affordable price gives DexisChain a powerful advantage as sole provider. By becoming embedded in the real estate sharing ecosystem, the platform can help incentivize further growth of the sector and attract more investors previously daunted by the lack of available data.





TECHNOLOGY

Predictive Markets: A Trustless System with Proven Accuracy

A prediction market is simply one where individuals buy and sell based on what they see as the probability of the event. Prediction markets, also called information markets, idea futures or event derivatives, are sometimes executed on the stock market, sometimes in a closed market akin to a betting pool. Indeed, almost any data can be the underlying event of such a market. For example, popular platform PredictIt bases its questions on political and economic events, while a plethora of sports betting platforms allow users to bet on nearly every minor statistical detail in virtually every sport. [6]

Prediction markets have long been one of the most reliable ways to source accurate information about a particular event or situation, since participants have a financial incentive to match their investment to their confidence in an outcome. Those who have information most relevant to the outcome of a particular event will be motivated to bet on a particular question. This means that prediction markets incentivize those with the most knowledge in a particular field of expertise to share their knowledge with the greater investor universe.



Prediction markets are more than just a useful tool — they can also drive some of the investor momentum, often influencing the actual outcome that it sets out to predict. Because participants in an open (transparent) prediction market can see where the most capital is being placed, those averse to risk will often simply “follow the smart money” in a bid to collect modest gains from high probability outcomes. Thus, an added benefit of a prediction market (parallel to the actual asset) is stabilization through increased transparency as expectations and outcomes converge





ENTER THE ORACLE

The Blockchain Approach to Prediction Markets

Fortunately for the DexisChain project, several blockchain-based approaches to prediction markets have already been worked out. Open source protocols like Augur [7] offer a blueprint for the development of blockchain prediction markets, which DexisChain plans to leverage for the unique needs of the project.





WHAT IS AUGUR?

Augur is a decentralized “oracle” and prediction market platform. It currently has no real front-end, but the team has devised a powerful incentive-based consensus system that ensures accurate real-world information backs all final outcomes.

Augur achieves this via a reporting system where a subset of users — who need not be traders — use native tokens to place stakes on the accuracy of reported outcomes, either as initial reporters or as those disputing a piece of information. Because those reporting false outcomes lose their tokens in practically every possible scenario, while accurate reporters and disputers are rewarded; the system is remarkably difficult to “game.”

Inspired by this methodology, DexisChain will also incorporate real-world reporters as a prioritized source of truth for resolution of real estate predictions. However, the DexisChain protocol will focus on simplifying and speeding up market resolution, as well as eventually incorporating machine learning to help support consensus.





The prediction market layer will operate as follows:

Stage A1 — Market Creation

DexisChain will use a smart contract to allow any DCPT holders to easily create a prediction market for any real estate question. Market creators will need to pay a “validity stake,” equal to a certain amount of DCPT staking the validity of their questions, while other users will stake their own DCPT tokens in to participate in a consensus vote regarding said validity. Questions deemed valid will trigger a contract and become open for trading, and the market creators will get their stake back, minus applicable fees. If the question is voted invalid or irrelevant, the market creator will lose their tokens, their loss distributed as gains among participating voters.

Aside from starting and ending times, market creators will also need to set a designated reporter, who will have a period of 3 days after the real-world event occurs to report on the outcome. This reporter can be the creator themselves or any other user and they will need to stake DCPT, on which they will enjoy a greater ROI (collected from all reporter stakes and market participant fees) for accurate reporting than any subsequent reporters. The creator will also set a resolution data source, such as a government agency, news organization or even just “common knowledge” which reporters will need to refer to. Selecting a valid resolution source will, of course, be paramount to getting a question voted as valid.





Since voters at this stage need to also stake DCPT to support their vote, the situation creates a smaller prediction market within itself, as stronger sentiment towards the importance of a question makes its passing more likely and with a greater weight of token support. As users at this level will be investors themselves, they will thus be motivated to support valid questions. As an additional incentive, voters who support a question and then bet on its market, will be granted a token bonus proportional to their voting stake if their bet resolves as being true.

Stage A2 — Trading

At this point, a market has been approved as valid and it becomes open for trading. Here users will use their DCPT tokens to bet on the probability of the market event happening. Additional fees are collected to reward accurate reporters and disputes. An order book keeps track of all complete and partially filled bids. A full share will equal 1 DCPT and will be required for trading. For example, if user Y places a bid of 0.6 DCPT on a “yes” outcome, the system will then match them to a user X betting the corresponding 0.4 DCPT on a “no” outcome. A full share is then created, wherein user Y gets 1 share of “Yes”, while user X gets 1 share of “No”. These can now be freely traded until the event in question is resolved, at which point the winning share converts to 1 DCPT, and the losing share converts to 0.





Step A3 — Reporting

This layer of the system will switch away from the market traders to instead leverage a pool of reporters financially motivated to deliver accurate real-world data. While traders can also be reporters and reporters can certainly use their DCPT for trading, reporters are not allowed to participate in any open markets they seek to report on and traders may not report on any markets while they have any stakes open in the system.

Should the initially designated reporter fail to report after 3 days, the option to report will become open to the public. The first public reporter will get an ROI equal to 80% of the missing designated reporter's. Once an initial report has been entered, either by the designated reporter or a public one, other reporters who wish to participate can stake their tokens to support the validity of a report. This public support stage will last 3 days.

Those wishing to challenge the tentative outcome will need to stake DCPT greater than the total stake of reporters supporting the initial outcome during a 3 day dispute stage. An individual or group dispute that stakes more tokens than validity supporters will create a successful dispute which will then need to remain valid (not successfully disputed) for another 3 days. Reporters losing a dispute will get their tokens back, minus fees and 30%. The system rewards successful disputes with the 30% bonus, while equally penalizing unsuccessful ones, thus further incentivizing the challenging of false information. However, should the dispute be successfully challenged in a second round, these parties too will lose 30% of their initial stake.





Should an outcome not be settled after 3 consecutive disputes the market will enter a holding period of 10 days to let interested parties gather further data. Additionally, if there are models in the data model layer relevant to the market category, their back-tested predictions for this market will be made available for evaluation. In the event that multiple high accuracy models support the holding period outcome at $> 90\%$ confidence, the system will automatically resolve it as true at this point. Otherwise, a final round of dispute will occur after 10 days. If a settlement again fails to hold up, the system will declare the market as failed and return all trader tokens, minus fees while destroying 50% of involved reporter tokens before returning the rest. Reporters who take part in disputes that lead to failed markets will be issued a 30-day block from reporting after three failures, and permanently blocked after five.





Stage A4 — Settlement.

Once a report has either been successfully disputed or survives the dispute period, it will resolve as true and the market will settle.

Shares in a settled market automatically convert to DCPT values for winners and zeroed values for losers. These are then immediately available for market creation, market bets or to be used in the DexisChain data modeling or eventual direct investment layer.





DATA MODELING LAYER

Leveraging the Machine Learning Paradigm

Once the prediction market has resolved, DexisChain leverages the rich dataset gathered from the market's inception to its conclusion to feed its machine learning and data modeling layer, creating yet another opportunity for both data provider profit, and granular access to highly accurate real estate data.

This part of the platform is inspired by the "AI hedge fund" concept put forth by the Numerai project. [8] Numerai uses its Numeraire ERC-20 token to run a weekly competition where data scientists compete to build accurate predictive models for provided stock market data sets. They are then rewarded in tokens equivalent to a \$USD price for the best models. Numerai also absorbs the models to develop its own AI system.

Notably, the Numerai team has developed an innovative staking system that solves the common "overfitting" problem with building predictive data models on existing data-sets. DexisChain will implement their most effective solutions its own data modeling layer.





This layer unfolds as follows:

Stage B1 — Data Aggregation

Here, the data from all prediction markets in a specific narrow category, for example Healthcare REITs with a focus on the Southern US, is aggregated into organized datasets and then abstracted to remove identifying details.

Stage B2 — Data Dissemination

The abstracted data is now offered to participating data scientists for modeling using their own machine learning or AI resources. The incentive for participants is twofold: the possibility to freely access otherwise impossible to acquire data, and the financial rewards from building an accurate model. Additionally, by allowing participants use of their own computational resources, this method solves the prohibitively expensive processing limitations of most blockchain approaches, which creates true on-chain deep learning.





Stage B3 — Model Competition

Once a participating data scientist is confident enough in the predictive capabilities of their model, they can purchase and stake DCPT to enter a competition in their model's category. Competitions will be triggered automatically each time a threshold of DCPT is staked on that category. The greater the amount of staked DCPT, the greater the reward and subsequent bonus DCPT released to the winner.

The competition will run until X number of markets in the target category have resolved, then the top 30% most accurate models will "split the pot" of tokens available, in a manner proportionate to their own stake. The rest will lose their stakes. This incentivizes only reasonably accurate models being submitted for the competitions.





Stage B4 — Marketplace

Models may enter several competitions in their respective category as their creators refine them. Once a model has reached a certain level of aggregate predictive accuracy (consistently ending up in the top 30% after a certain amount of time), it may be offered for lease in the Dexis model marketplace. The marketplace is a trader-facing layer where investors can use DCPT to pose questions and run private data through a given model, the cost of the operations being dynamically determined from the model's historical accuracy and the complexity of the query.

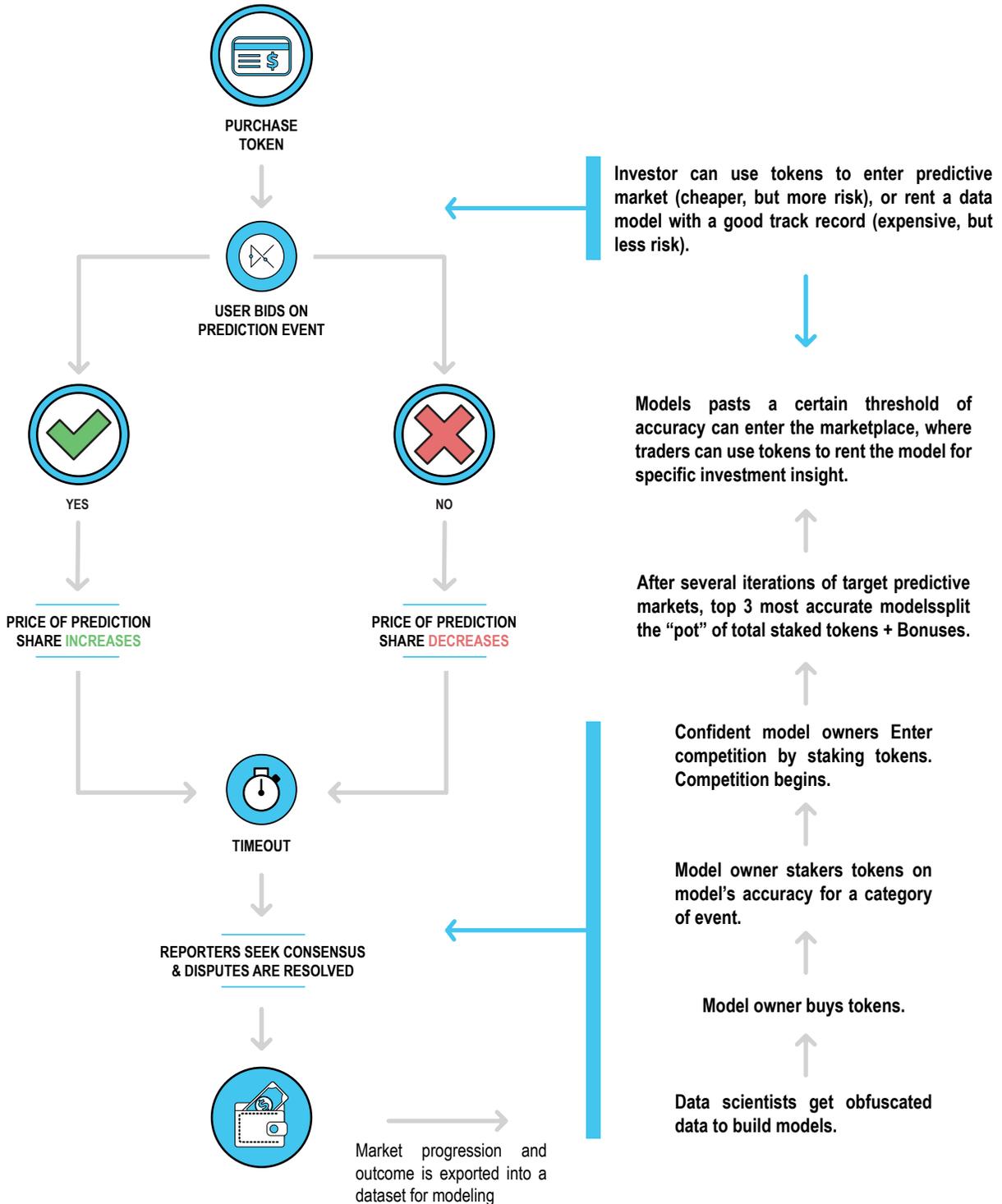
This is where the participating data scientists/model developers will be able to profit the most, as highly accurate models can demand very significant rental fees. Also, because the data remains abstracted, it is of limited use outside the DexisChain ecosystem. As a final stage, the aggregated model data will eventually be developed into a native DexisChain real estate AI.

The investor is thus faced with the option of using their tokens to play the low cost/high risk prediction markets or renting out a high cost/low risk specialized data model.





DEXIS CHAIN ECOSYSTEM





DEXIS CHAIN ECOSYSTEM GOAL

Because DexisChain is designed to ultimately operate an investing layer on top of the prediction market and data model marketplace, the team is also determined to focus on accessibility and userbase growth. The result will be an ecosystem where both real estate predictions and actual investments are conducted and settled entirely on-chain via the native DCPT utility token.

Tailored to the real estate industry, the DexisChain platform will incentivize investors via access to otherwise prohibitively expensive information — both simple predictive sentiments as well as more “digested” data (aggregated and interpreted from multiple predictive markets) in the form of the model marketplace. It will incentivize knowledge-holders through easy access to a large pool of capital, ready to follow their information, as well as data scientists looking to train models and profit from their skill.



BLOCKCHAIN ADVANTAGES

Tamper-Proof and Less Stringently Regulated

Prediction markets are, by their very nature, an exercise in crowd-powered decentralized decisions, making them a natural match for blockchain technology. All the mechanism for question proposal, voting and rewards that a non-blockchain prediction market needs to implement are already an intrinsic part of the blockchain ecosystem.

Smart contracts provide a further method for easy governance and ensure that no bad actors can game the system, further optimizing the prediction market as well as the underlying asset as previously discussed. The immutable ledger also allows easy auditing of prediction records, and the aggregating of historical trends into more advanced predictive models without risk of tampering.

Decentralization also provides an important buffer from overzealous regulatory bodies. Predictive markets have had a difficult, although by no means impossible, road towards regulatory compliance in the past, in large part because they have not been properly categorized. Hence, laws designed for such diverse targets as futures, securities and gambling markets all touch upon prediction markets — leading to uncertainty and many potential pitfalls for centralized operations.





While DexisChain will work with all the various national regulatory bodies to ensure the platform is fully compliant wherever possible, the decentralized nature of it means that a single misguided regulator will in most cases be unable to simply end its operation by decree, or significantly interfere with the liquidity of its assets and those of its users.





TOKEN DESIGN

Utility and Currency Uses

DCPT is the utility token to be used within the DexisChain platform. Here it will act as both a simple medium of exchange and as a staking mechanism for the surfacing of questions with optimal market relevance.

To generate new questions, users will need to stake their DCPT tokens and submit the question to a vote confirming its validity. Questions deemed valid will be activated on the open platform, while those voted invalid will be discarded and the staked tokens confiscated. This system will ensure that the platform is not flooded with pointless or irrelevant questions and act as a smaller predictive market in its own right, driving the questions most vital for investors to the forefront.

Once a question has been posed, the token will act like a standard native currency to be used for settling of bets and payouts. It will also be used for reporter staking and payouts, and as an entry and reward mechanism for data scientists in the data modeling layer.





The other key use of the token will be to pay for a data access cost, whether to browse through a predictions search engine, or to purchase more sophisticated pre-digested data packages available in the model marketplace, where the

growing volume of prediction and outcome data will be refined into more sophisticated instruments of interest to more specialized sectors of the userbase.

Finally, as the direct investing component of the platform comes online, users will be able to seamlessly translate their tokens into fiat funds for REIT stock purchases or other real estate investment vehicles as these become available.





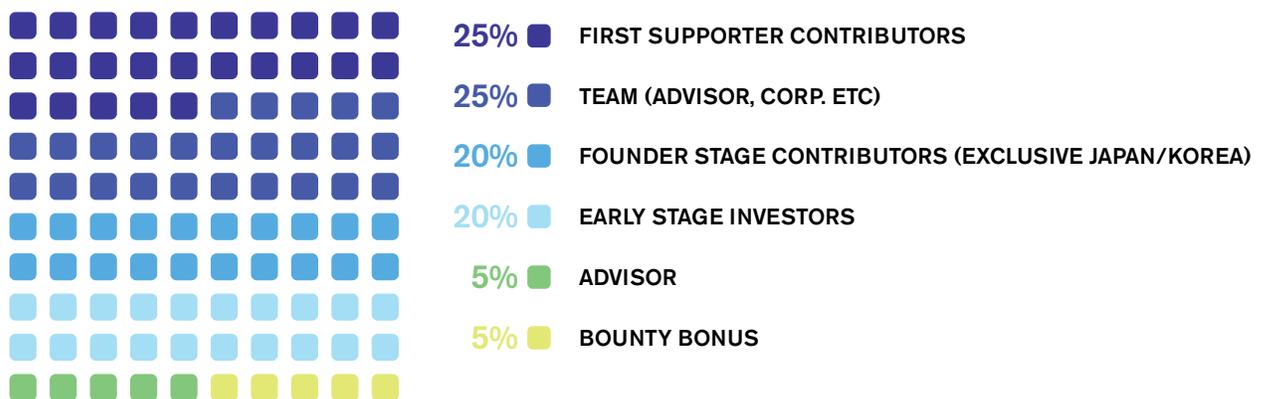
TOKEN SALE

Token Sale Structure & Terms

To support the development of a robust product, the DexisChain Protocol Token (DCPT) will be issued in a general public sale as per the following terms:

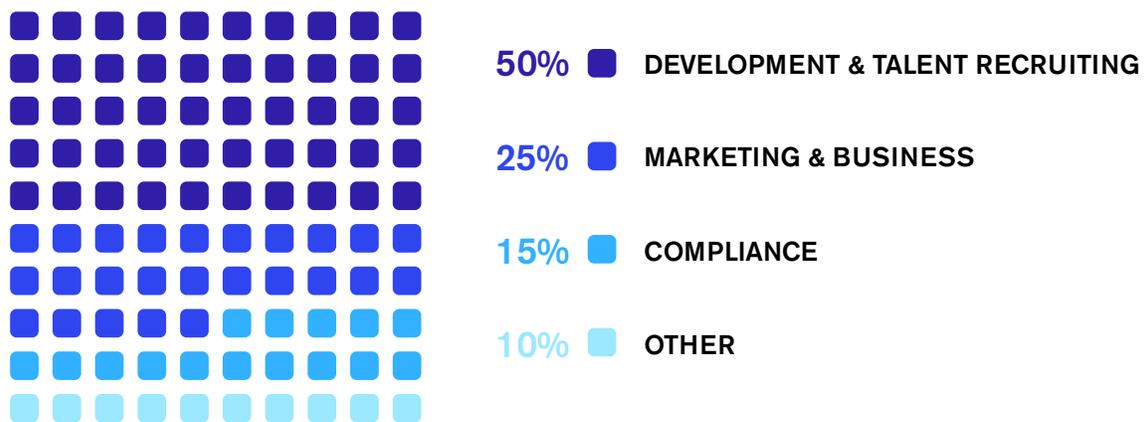
Currently \$7 million in DCPT tokens have already been sold during a presale. There will be a total of 2 billion DCPT tokens issued, with no inflation or further creation. The following table below shows the overall token distribution:

- ① Currently \$7 million in DCPT tokens have already been sold during a presale. here will be a total of 2 billion DCPT tokens issued, with no inflation or further creation.
- ② The token sale will have a hard cap of 51,566 ETH, in which each ETH invested
- ③ One ETH will equal 26,814.14 DCPT





Collected funds will be allocated as follow:

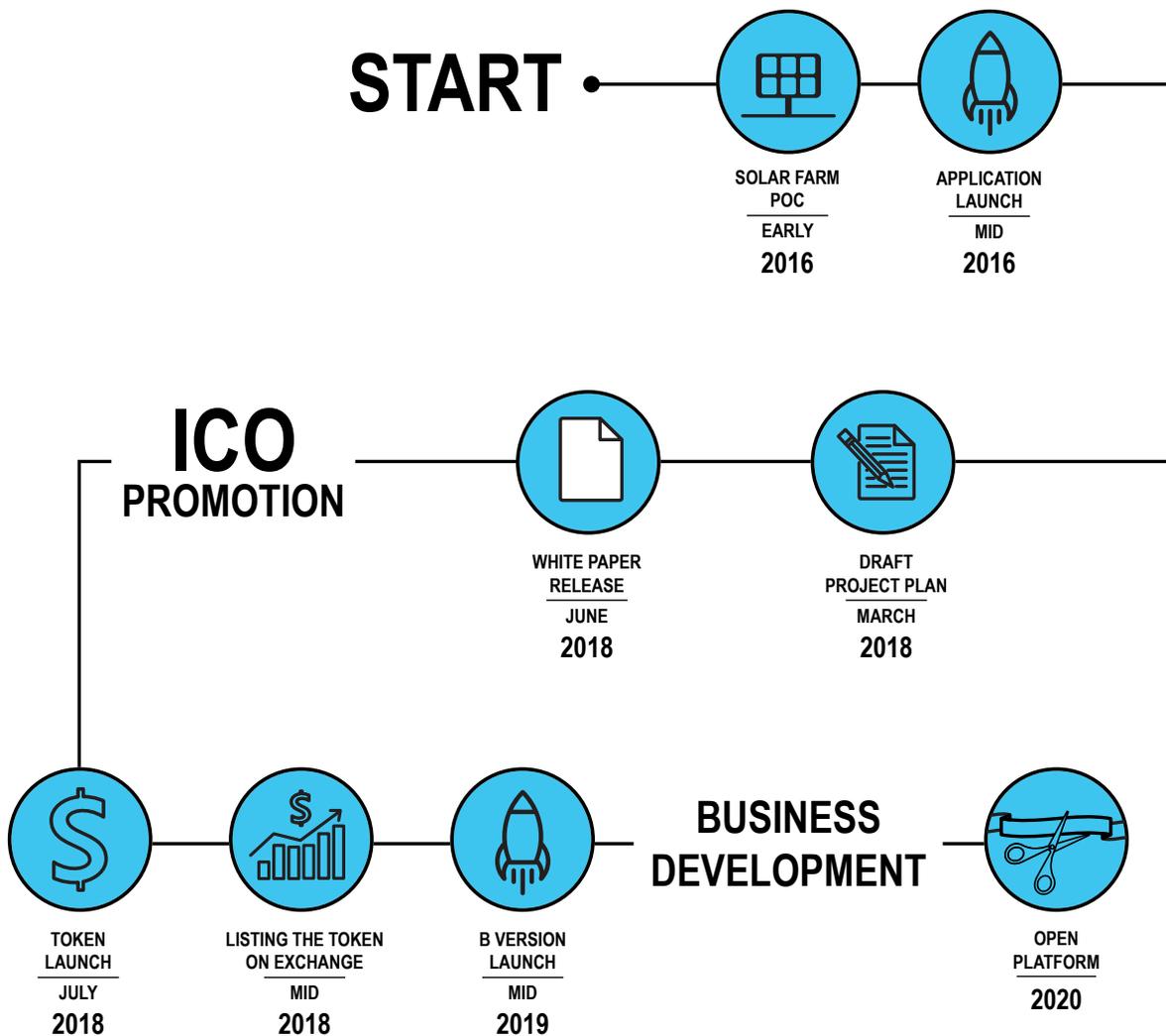


- Development & Talent Recruiting: Sourcing both domestic and overseas talent to enhance in-house capabilities
- Marketing & Business: Industry-specific research and audience analytics, outreach campaigns and promotional programming
- Compliance: Legal research, insurance, risk-management and international congruity experts
- Other: Miscellaneous development, intellectual property protection, data security engineering





PROJECT ROADMAP





TEAM AND KEY PARTNERSHIPS



NOBUO TAKAKI

Director of Dexis Chain

Upon leaving financial sales at MetLife Alico in 2009, Nobuo began applying his expertise in corporate finance and business services independently. He currently serves as director for several companies, supporting and establishing manufacturing factories and branches throughout Asia. Nobuo also specializes in providing operation/consulting services to solar firm companies.



SHUNTA OKA

Project Manager and UI/UX Lead

Starting his career in 2006 at TOTO Bath Create Ltd. as a CG supervisor, Shunta Oka later joined Sailor Pen Co. Ltd., developing new products and design. In 2011, Shunta moved to American design consulting firm Ziba Tokyo, where he gained extensive experience with UI/UX design for smartphones. In 2013, he started his own design consulting company, HENKA, where he also served as dedicated UI/UX designer. The following year, Shunta became involved in the launch of new businesses, development of new apps, UI renewal of the EC app while managing the UI/UX design team at Yahoo Maps.



HAYATO SHIMOMAE

Full Stack Engineer

Hayato specializes in web service and infrastructure development. He has several years of experience developing new web services, management and infrastructure development from his time at Pixiv Inc.



RIE IGARASH

Public Relations and Marketing Specialist

Rie specializes in Public Relations and Marketing. In 2007 she joined MOGABROOK Co., Ltd where she managed beauty product imports. Simultaneously, Rie served as a nail art instructor at a beauty school. In 2009, Rie joined CLASTYLE Co., Ltd, where she worked in public relations, specializing in nail school and television promotions.

Strategic Partnerships

Proof of Work: DexisChain has partnered with Proof of Work to help disrupt real estate worldwide, starting with Japan.



CONCLUSION

The global real estate market offers uniquely appealing long-term prospects for investors capable of acquiring the data necessary for confident decision making. Critically dependent on local conditions and trends, the market has long been locked away from most retail investors, often from the other side of the planet, who simply lack the resources necessary to gather such data.

The problem presented by this information inequality is made more urgent by the fact that this asset class is one of the most reliable stores of value and vehicles for growth available. Both toughened by the economic crisis and boosted globally by the fastest rates of mass urbanization humanity has ever experienced, this is one market that can reliably act as a hedge against detrimental factors such as political instability, environmental crises and slowing economic growth. It is therefore in the best interest of the greater global society that barriers of entry to this space be minimized wherever a mechanism to manage any inherent risk can be deployed.

Blockchain technology coupled with predictive markets presents us with a unique opportunity. By combining the prodigious data accuracy of financially incentivized predictions, with near-infinite scalability, immutability and the decentralized nature of blockchain, DexisChain will be able to greatly democratize investment in the crucial real estate space.





By leveraging the growing pool of machine learning experts and modeling solutions, DexisChain will also be able to offer investors advanced aggregate prediction models from these sources, while also working on its own native real estate AI, which would be used to further enhance prediction capabilities and fill in any potential gaps in access to data. This layer of the system also helps develop the greater machine learning universe by making its rich data sets openly available, even if obfuscated, to the data scientist community.

The DexisChain development team will also focus on optimizing the user experience — taking the lessons from the wildly popular “Robin Hood” investing platform to position itself as a similarly easy-to-use gateway for would-be real estate investors. The added gamification element of the predictive markets will work to further advance the platform’s mind-share, as users log in repeatedly to check on questions of interest as well as actual investments.

We are confident that by growing the size of the real estate investor pool, as well as providing an easy path to sophisticated data-backed investments, DexisChain will play an important role as a core stabilizing factor within future global economies.





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