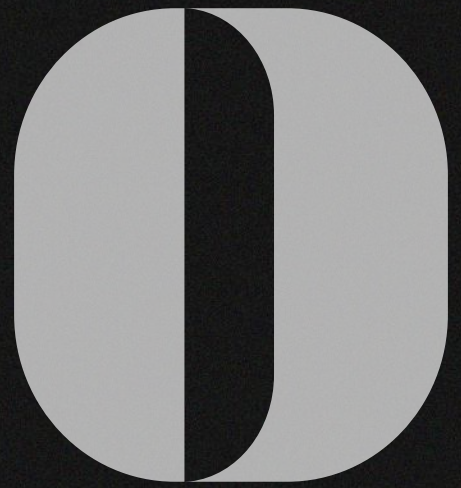


D E B O N D

DECENTRALIZED BOND

1

COLLATOLISED P2P LOAN AND DEBT OBLIGATIONS

2

EACH BOND CORRESPONDS TO A SPECIFIC BOND CONTRACT

3

TURN ANY DIGITAL ASSET AND INDEX INTO A BOND

4

SPLIT AND BUNDLE BONDS FOR TRADING IN THE SECONDARY MARKET

ERC3475 BOND AND DEBOND

DeBond pioneer

Bonds are an important tool that stabilizes the economy. However, there has not been any real DeBond product in the Defi market yet. That is why we have created ERC-3475 to fill in the gap.

Low access threshold

Traditional bonds & bond derivatives have extremely high entry requirements and are mostly available to governments and large-scale fund managers only. DeBond, in contrast, can be automatically generated by any type of digital asset and Index thus allowing any party to issue bond derivatives.

No-hassle endorsement

We have a firm control over the collateralized assets through smart contract and decentralized capital (DeCapital). Unlike traditional bonds that rely on the credit endorsement of a single agency, we use the underlying assets controlled by the smart contract and the smart contract to ensure the fulfillment of the agreement..

DeBond ecology

We provide DeBond DEX, wallet and other visualized bond & bond derivative creation tools that meet the ERC-3475 requirements. Institutions and individuals can design their own bonds and use them to raise fund with our visualized programming port.

ERC-3475 BOND STANDARDS

ERC-20

The existing Defi protocols typically offer ERC-20 LP tokens to liquidity providers as a mathematical proof of asset collateralization. Nevertheless, as a type of homogenized token, ERC-20 can hardly meet the sophisticated financial demands because all of the ERC-20 tokens use the same smart contract under a uniform algorithmic standard.

ERC-3475

Meanwhile, ERC-3475 is a diverse redeemable bond standard with a more complex data structure. Each bond is assigned to a unique algorithm and does not require an additional smart contract. It is possible to create both traditional bonds and financial derivatives like futures and options under the ERC-3475 standard.

ADVANTAGE

Each bond is equivalent to an independent contract that allows the users to customize execution conditions and interest rate.

Bonds can be listed and traded on the DeBond Exchange, or split up and bundled for trading in the secondary market as subordinated bonds.

Both fungible tokens and non-fungible tokens (NFT) can be used as collaterals for bond based ERC-3475 derivatives .

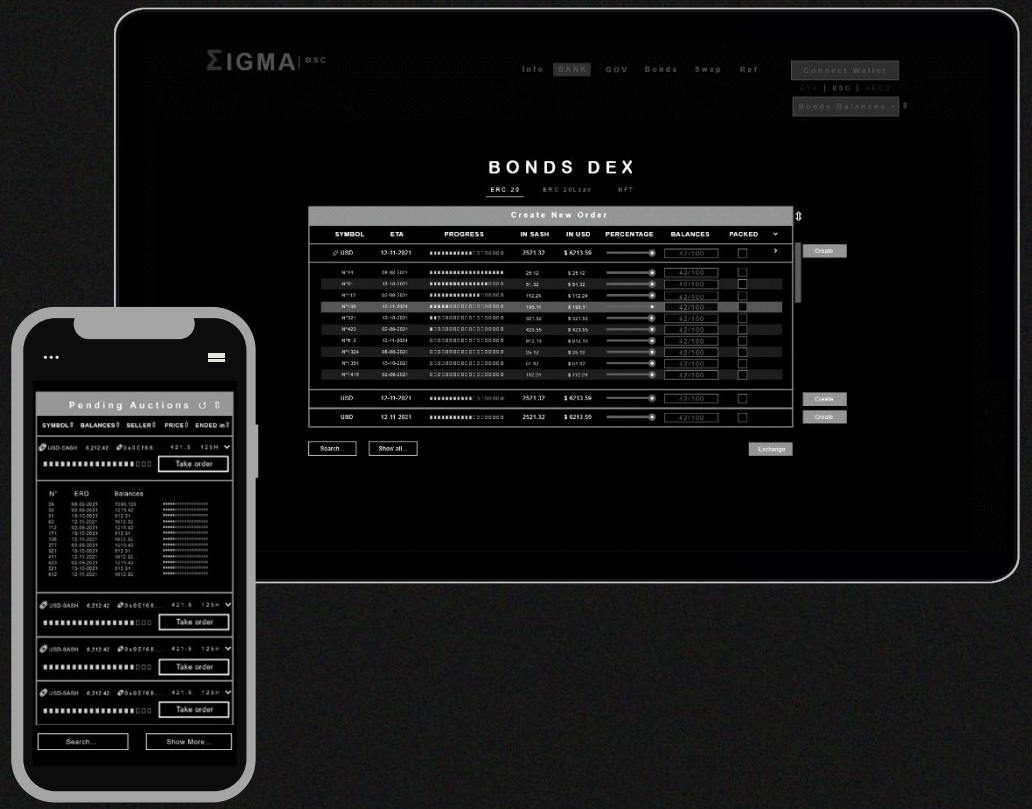
ETH Official Website

DEBOND ECOLOGY

1	ERC-20	ERC-721	ERC-3475
2	AMM	NFT	DeBond
3	Metamask	NFT wallet	Debond wallet
4	UNISWAP MakerDao	OpenSea ...	Bond DEX ABS loan

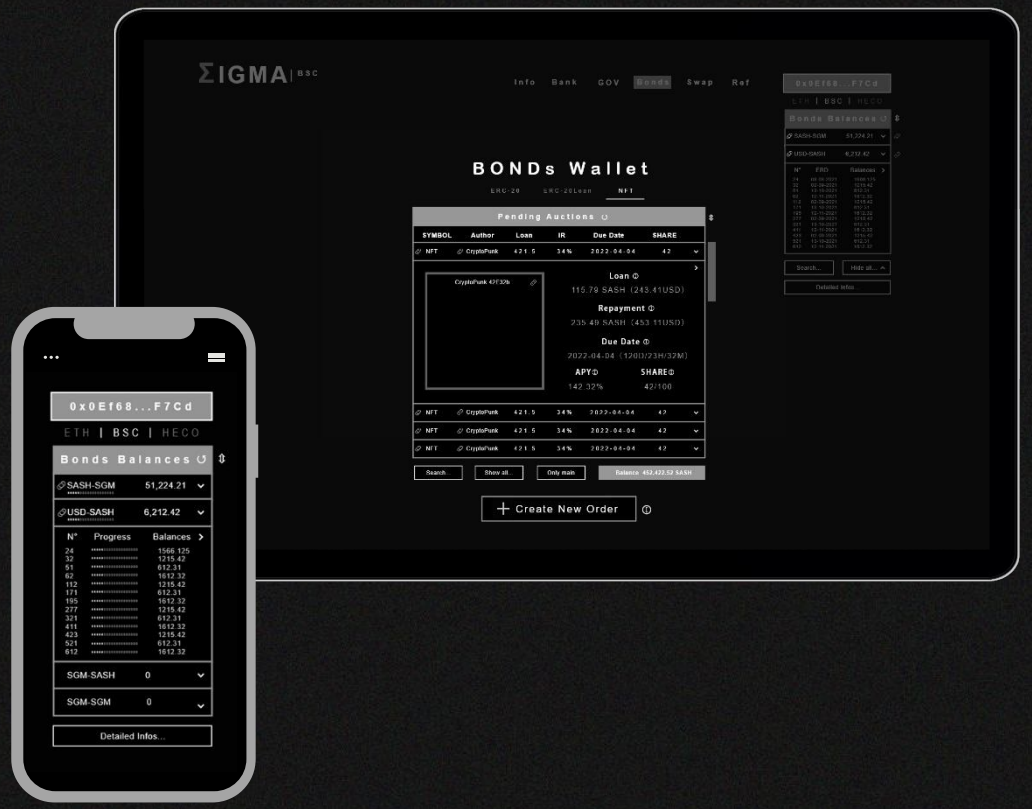
DEBOND EXCHANGE

- Bonds and other derivatives can be sold on this market, using Dutch method.
- After a bond is put onto the market, its original price is reduced until somebody offers to buy it.
- The DeBond Exchange supports all auctions that comply with the ERC-3475 standards.



DEBOND WALLET

- DeBond wallet is an extension to the regular ERC-20 wallet, allowing for the centralized display of all ERC-3475 assets of an user.
- There is no need for the users to download additional software or regenerate private keys. They can access their ERC-3475 bonds by linking their existing wallet via metamask.



DEBOND APPLICATION SCENARIOS

01

FRB

Fixed-rate Bonds

02

LPB

LP Bonds

03

NFTB

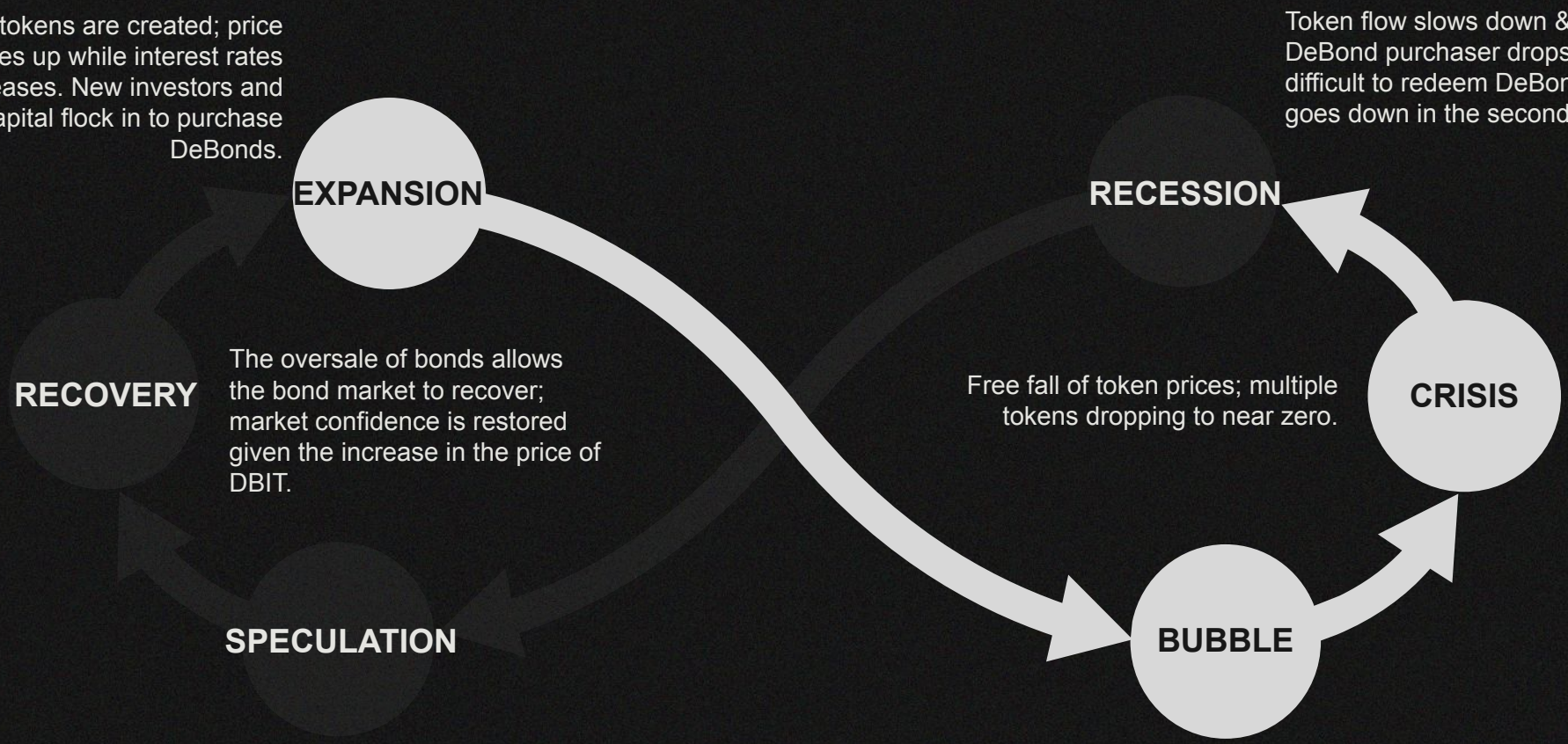
NFT Bonds

04

MB

Hybrid Bonds

DEBOND CYCLE



RISK ATTITUDE

The paper interest rate can be modified by the governance contract.

In terms of the interest calculation method, there are 2 classes of debond:

01 FLOATING RATE BOND

- High risk
- High interest rate
- Subprime bond
- No fixed mature date
- Low priority for creditors
- May loss principal

02 FIXED RATE BOND

- Low risk
- Low interest rate
- Prime bond
- Fixed mature date
- Predetermined interest rate
- High priority for creditors
- Principal is much safer

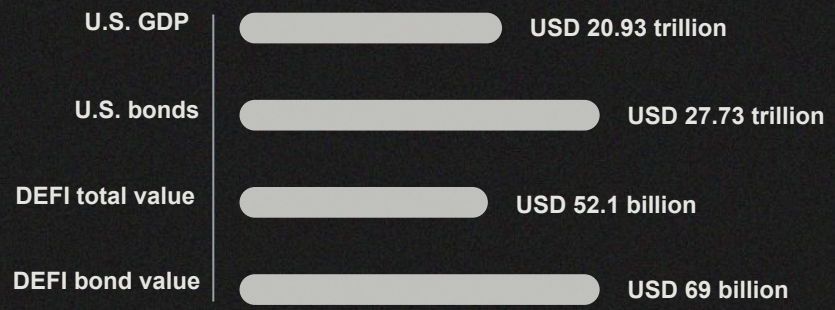
BOND CLASSES

Bonds type	Number of nonces	Annual nominal paper IR*	Priority for creditors
Floating rate 0.5 year	1,5	Floating <16%	10th
Floating rate 1 year	1,6	Floating <18%	8th
Floating rate 2 years	1,7	Floating <20%	6th
Floating rate 3 years	1,8	Floating <22%	4th
Floating rate 5 years	1,9	Floating <26%	2nd
Fixed rate 0.5 year	1,5	Fixed 0-8%	9th
Fixed rate 1 year	1,6	Fixed 0-10%	7th
Fixed rate 2 years	1,7	Fixed 0-12%	5th
Fixed rate 3 years	1,8	Fixed 0-14%	3rd
Fixed rate 5 years	1,9	Fixed 0-18%	1st

Any information about the interest rate listed here is only a presomption.. For more information please read our whitepaper, section 4.4.4 Interest Rate.

DEBOND’S FUTURE

- The ERC (BEP) 3475 standard and the Debond Exchange that we created have opened up a whole new market full of unlimited potential for investors and speculators.
- In 2020, USD-denominated bonds represent 132.5% of the country's nominal GDP ($20.93 trillion) of December 2020. The total DEFI locked position is worth $52.1 billion. Considering that the DEFI bond market is about 1.3 times larger than that of TVL.
- The DEFI bond market is expected to be USD 69 billion.



69 billion

DEFI bond market size (USD)

DEBOND’S BARRIERS TO COMPETITION

LIQUIDITY BARRIERS

Prompted by high interest rates at the early stage, users can convert LP tokens directly into bonds redeemable at maturity. This means that we can absorb three-party liquidity to form a solid market base.

ROBUST INFRASTRUCTURE

beyond the ERC3475 bond standards, infrastructure such as DeBond Wallet, Exchange and ecology are fully open to everyone, thus no need to start from scratch for any institution wishing to enter the bond market.

ZERO TRANSACTION FEES

The profit of our bond ecology lies in the reuse of collateralized assets. We have implemented a no-fee policy for our bond exchange, which reduces arbitrage costs for speculators in the secondary market.

DECENTRALIZED BOND INDEX TOKEN

1

CONSTANTLY RISING INDEX WITH SHORT-TERM FLUCTUATION

2

ERC20 TOKENS PEGGED TO THE BOND INDEX

3

TOKENS CAN BE USED FOR BOND INTEREST PAYMENT AND SECONDARY MARKET TRANSACTION

4

LOW PRICE FLUCTUATION

DECENTRALIZED BOND INDEX TOKEN

- DBIT（Decentralized Bonds Index Token）is a type of ERC20 token pegged to the bond index. It is mainly used for bond interest payment and secondary market transaction. DBIT can also take part in the on-chain incubation projects, so as to obtain the project tokens to diversify the asset portfolios of the collateral pool.

DBIT is a currency used for bond interest payment and secondary market transaction.

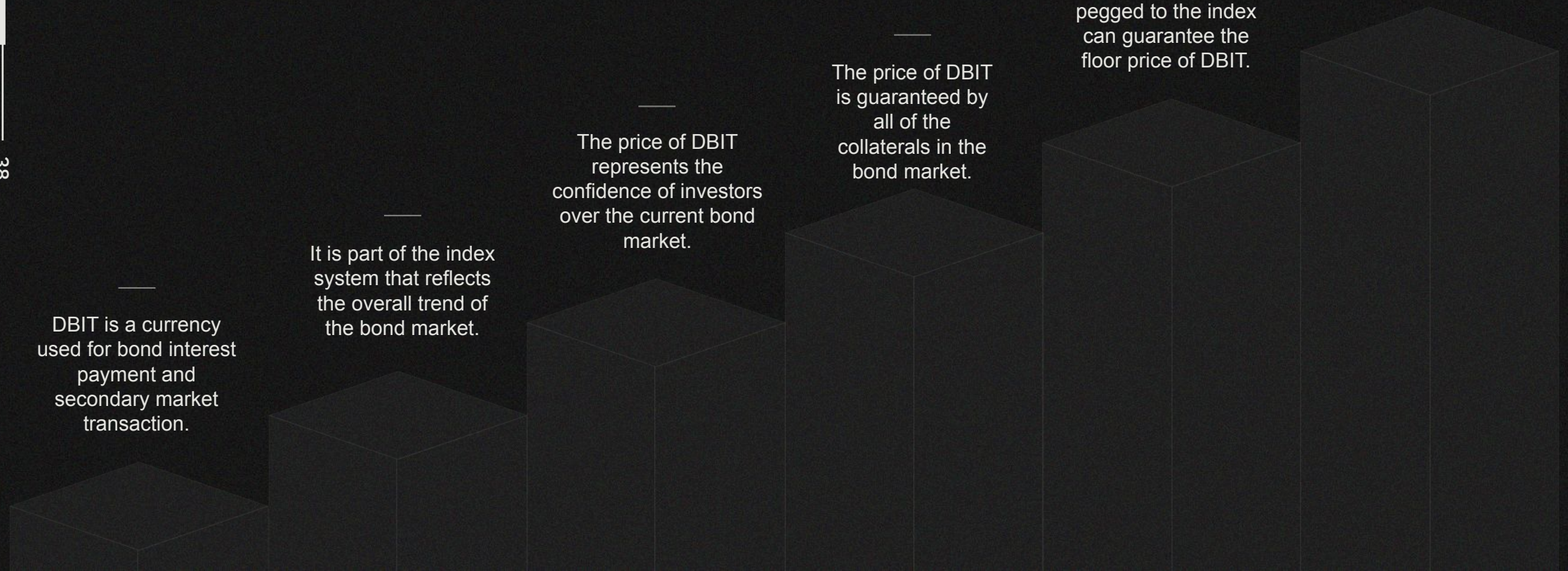
It is part of the index system that reflects the overall trend of the bond market.

The price of DBIT represents the confidence of investors over the current bond market.

The price of DBIT is guaranteed by all of the collaterals in the bond market.

The reserve of hybrid collaterals and the fact that the token is pegged to the index can guarantee the floor price of DBIT.

As an index token, the price of DBIT will continue to rise along with the development of DEFI.

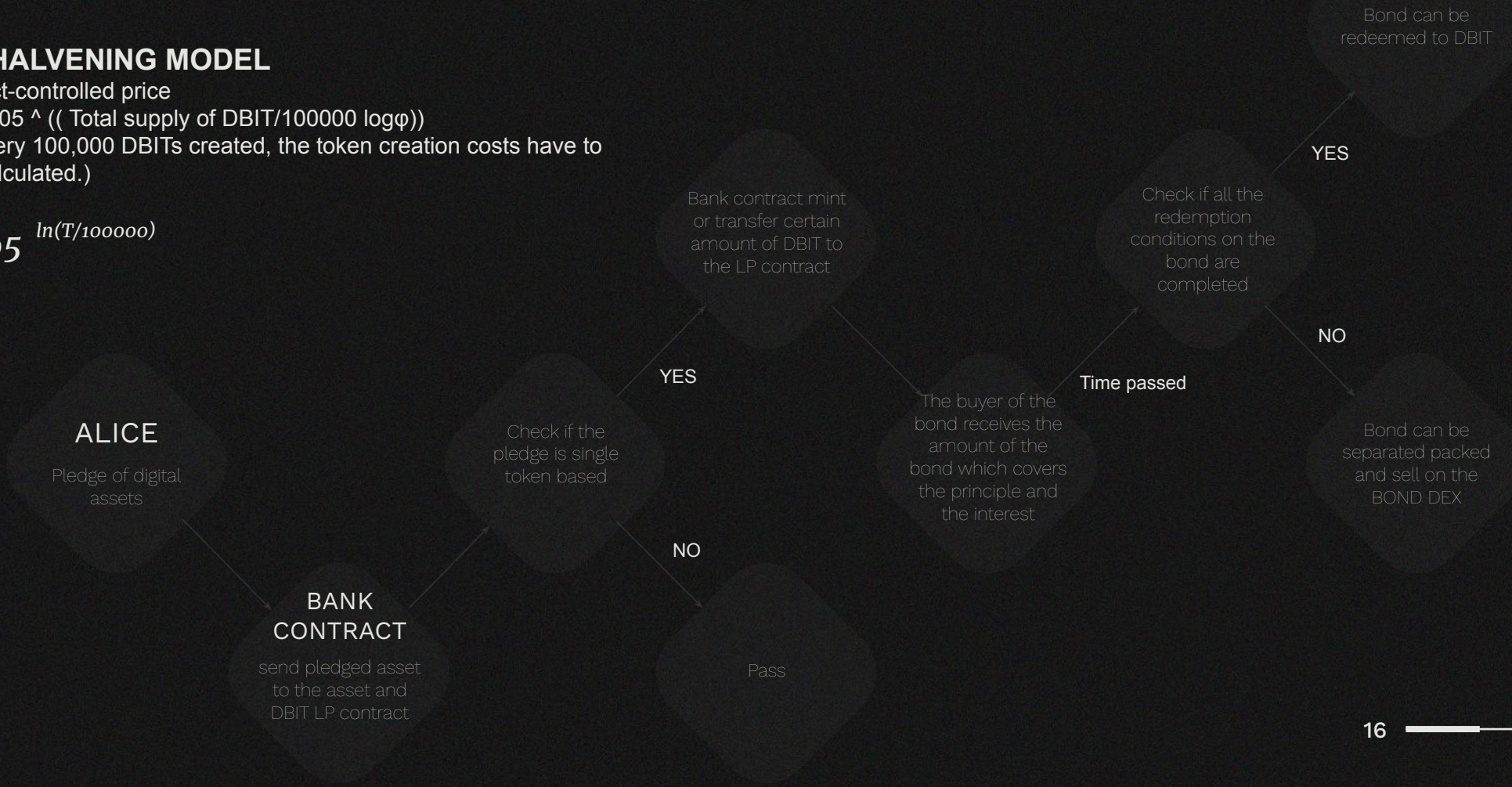


THE MINTING OF DBIT

- **TOKEN MINTING RULE**
  Upon receiving the collaterals, the bank contract will mint DBITs for the LP contract, according to the Halvening Model and the price set by the oracle machine. The bond holders will receive the exact amount of DBITs when the bond is redeemed.

- **THE HALVENING MODEL**
  Contract-controlled price
  （P）= 1.05 ^ ((Total supply of DBIT/100000 logφ))
  (For every 100,000 DBITs created, the token creation costs have to be recalculated.)

- $P=1.05^{\ln(T/100000)}$



PERMANENT POOL OF LIQUIDITY

While engaging in a zero-sum game with other pools of funds, the DeBond pool will gradually absorb their liquidity.

The huge amount of permanent liquidity provided by DeBond not only guarantees the value of the DeBond products, but also constitutes effective barriers to competition.

- Users need to sign a contract to pledge their assets and obtain DeBond. The contract sets out the repayment time, conditions and rewards.
- The algorithm adopted by the contract can prevent free fall of liquidity. Therefore, the pool of funds will always be on the rise in the long term.

SECURITISED P2P LOAN

1

PEER TO PEER LENDING PLATFORM

2

TRADABLE SECURITISED LOAN

3

USING SMART CONTRACT TO ENSURE REPAYMENT

4

ON-CHAIN AND OFF-CHAIN COLLATERALS

SECURITISED P2P LENDING

LOW DEFAULT RISK

Using smart contracts and pledged digital assets. The loan itself has a lower default risk than traditional p2p lending. The loan with higher risk will have a higher interest rate and lower mortgage rate. Creditors can also sell some part of the securitised loan to willing buyers to minimise the default risk..

SPECULATABLE

Securitised loans can be divided and assigned to others in the form of bonds, turning the loan into a type of speculative investment. The fluctuation of the bond price in the secondary market can therefore create a new speculative market.

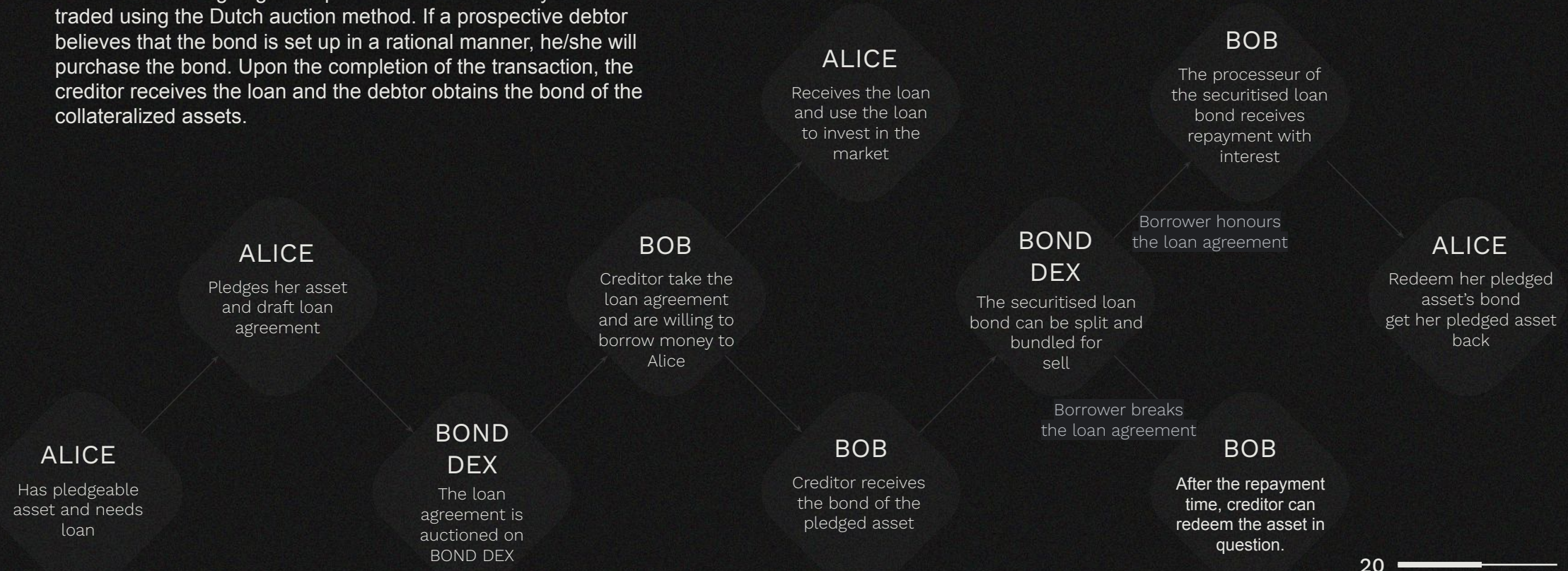
PLEDGED ASSET

Multiple on-chain and off-chain assets can be used as a collateral for a loan. In some cases, the securitised loan bond can be issued without any collateral. But in this case the actual usage of the loan will be strictly limited by a smart contract.

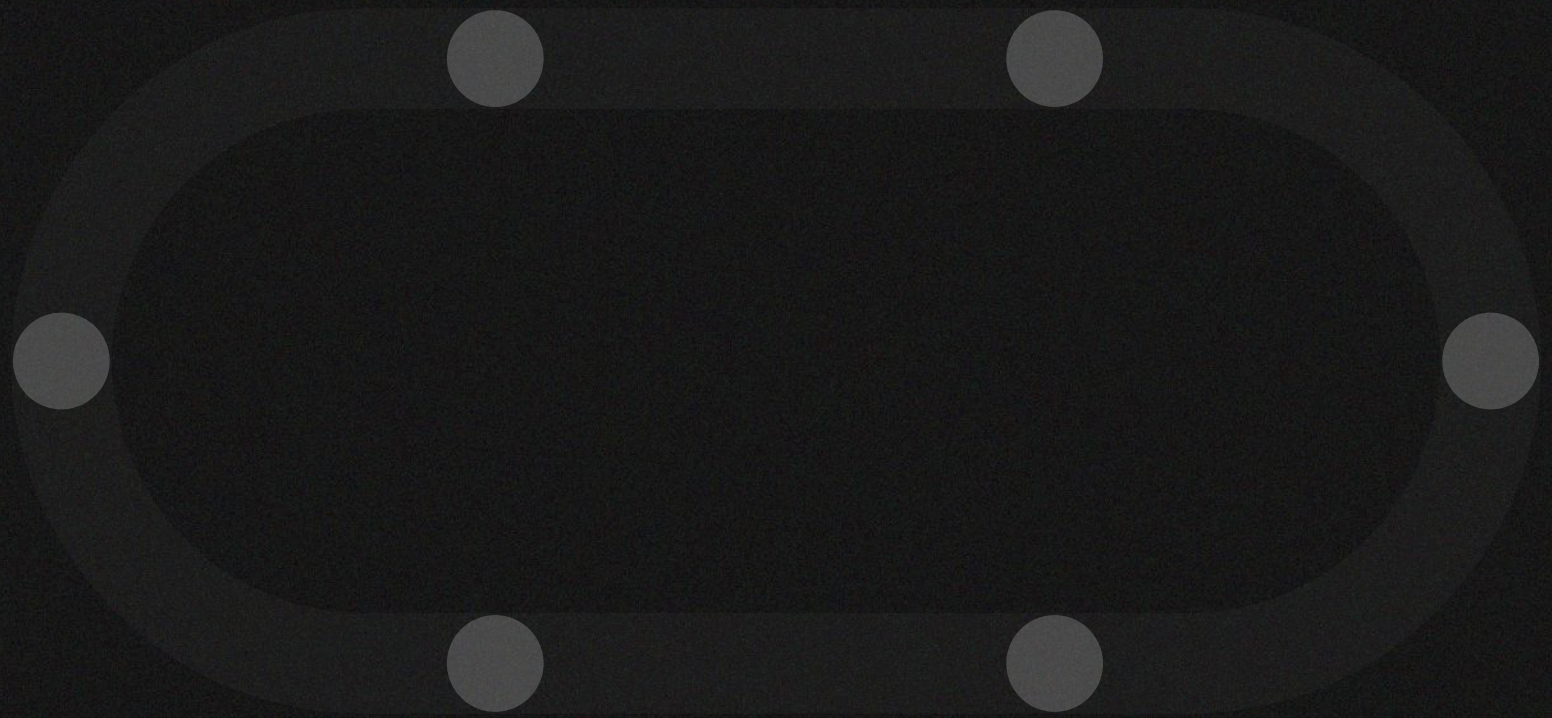
SECURITISED P2P LOAN

- **PEER TO PEER LENDING**
  The creditor of a securitized loan is no longer a smart contract, The debitor has to first pledge his/her digital assets (ERC-20, ERC-721, ERC-3475 etc.) to a smart contract, which then issues the loan bond representing the securitised loan. Based on the creditor's settings of the amount of the loan, repayment method, interest rate, due date, etc.

- **SECURITISED LOAN**
  These bonds are going to be placed on the secondary market and traded using the Dutch auction method. If a prospective debtor believes that the bond is set up in a rational manner, he/she will purchase the bond. Upon the completion of the transaction, the creditor receives the loan and the debtor obtains the bond of the collateralized assets.



BONDED LENDING



BONDED LENDING APP

- Collateral, interest rate, loan volume, repayment method and time customization:
- unlike traditional lending contracts, bonded loans allow the borrowers to personalize the interest rate, loan amount, and the time and amount of each payment.
- Bonds with reasonable settings will then be selected and purchased by the lenders in the secondary market.

OTHER DERIVATIVES

1

OPEN SOURCE SYSTEM, ALLOWING ANY DEVELOPERS TO PARTICIPATE

2

ENHANCING THE DIVERSITY OF DEBOND ECOSYSTEM

3

HEDGING AGAINST INVESTMENT RISK. ON-CHAIN AND OFF-CHAIN DERIVATIVES

4

CREATE OPTIONS BASED ON CONDITIONS OR EVENT

DEBOND DERIVATIVE TYPES

FORWARDS
FUTURES
OPTIONS
BINARY OPTIONS
WARRANTS
SWAPS

DERIVATIVES USE CASES

HEDGING

Hedge or to mitigate investment risk, by entering into a derivative contract whose value moves in the opposite direction of their position and cancels part of the potential lost.

OPTION

Create options with the value of the derivative is linked to a predetermined condition or event (e.g., the underlying asset reaching a specific price level).

LEVERAGING

Provide leverage, such that a small movement in the underlying value can cause a large difference in the value of the derivative.

SPECULATION

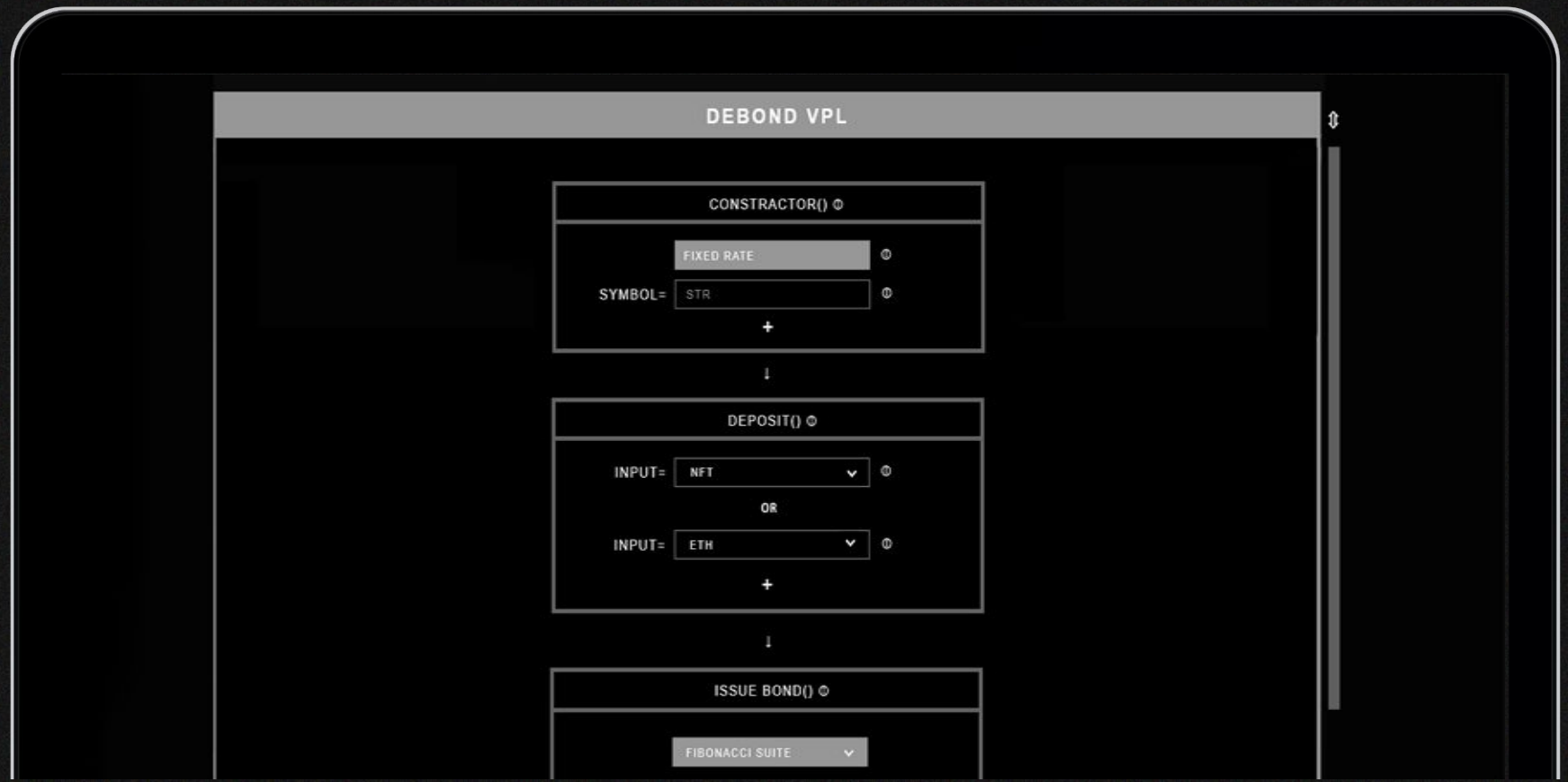
Make profit from speculating the market movements. (e.g. moves in a given direction, stays in or out of a specified range, reaches a certain level)

ARBITRAGING

Allowing a riskless profit by simultaneously entering into transactions into two or more markets.

VISUALIZED DERIVATIVES GENERATOR

ERC-3475 provides node-based programming scripts, which enable people unfamiliar with the solidity code to create customized derivative products with a few clicks. By editing the parameters and nodes, everyone can create new derivatives or even new economic models with a few clicks.



COMMUNITY GOVERNANCE

1

UPGRADED SNAPSHOT GOVERNANCE PLATFORM

2

PLATFORM-WIDE GOVERNANCE TOKEN - DBGT

3

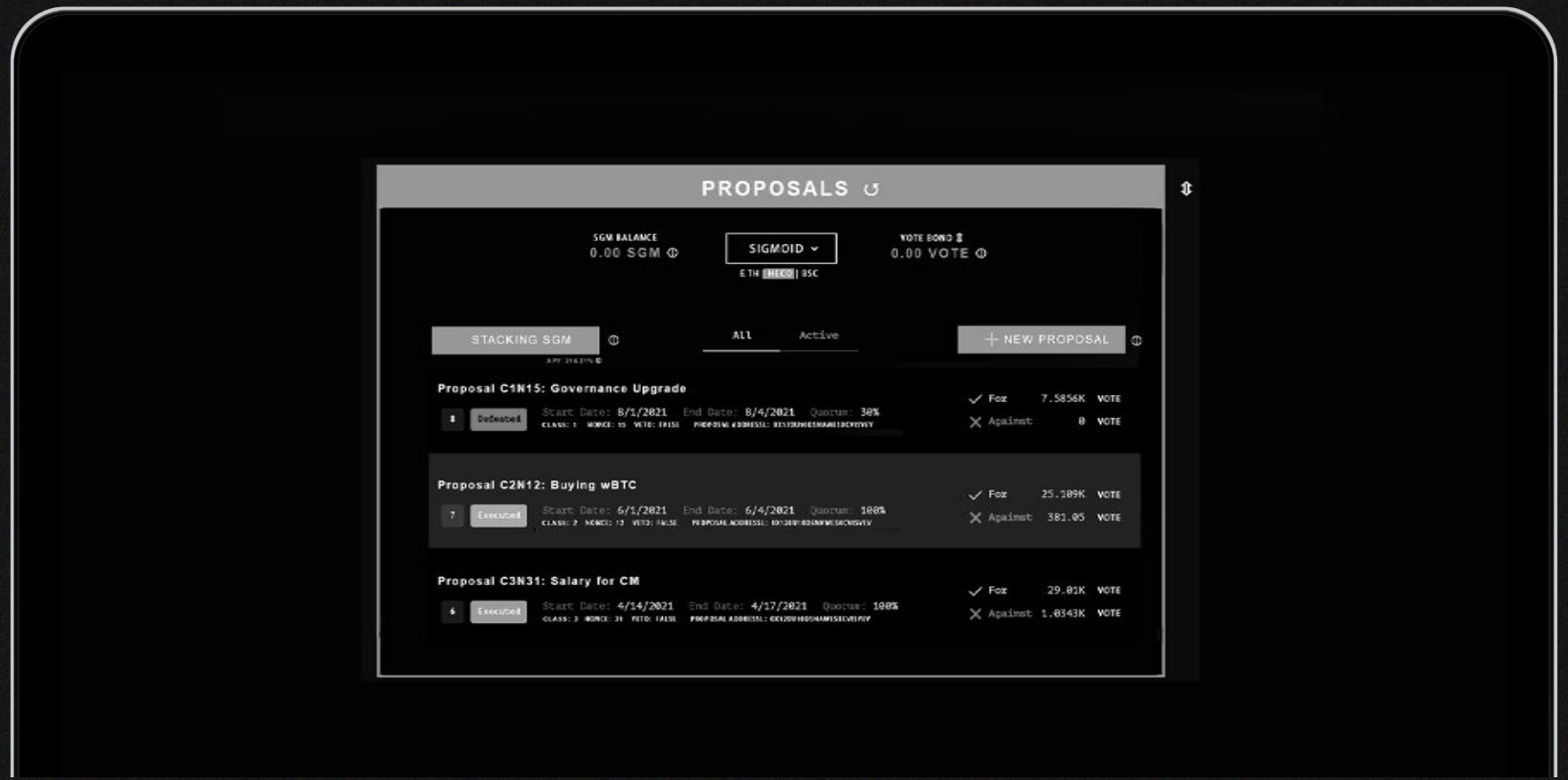
GENUINE DECENTRALIZED GOVERNANCE

4

DAO-CONTROLLED DECENTRALIZED INVESTMENT FUND - DECAPITAL

DBGT DECENTRALIZED GOVERNANCE PLATFORM

Unlike SnapShot, which only provides polling services, the DBGT platform offers all-round decentralized governance. When a proposal is created to bid on pledged assets or use the fund from DeCapital, it has to be converted into a smart contract. Any DeCapital revision, update and withdrawal has to be voted for by the community members and executed on the chain. The platform uses DBGT as the universal governance token.



DECAPITAL

In order to increase the utilization efficiency of the collaterals in the bond ecology, we allow the DBGT holders to discuss and determine the way the assets are used through decentralized governance

INCUBATION

01

Participate in the incubation of the projects on the chain and obtain the project tokens to enrich the asset portfolio of the collateral pool.

LIQUIDITY

02

Provide liquidity to third-party capital pools for liquidity returns.

COLLATERAL POOL

03

Allow the Estonia-registered physical company to invest in off-chain projects and link the profits and losses of the company to the collateral pool.

DECENTRALIZED GOVERNANCE

04

The use of DeCapital funds has to be voted for by the community members, thus achieving genuine decentralized governance.

Financing &Valuation

The original shares of the project are 1,000,000 DBGTs, which are sold in the Seed round, Private round A & B and public offering.

After the project is officially listed on the exchanges, investors can subscribe for additional DBGTs.

Despite the dilution of the original shares, the quantity of the tokens remains the same while the price increases.

Tokens from the seed and private rounds will be unlocked continuously as new tokens are issued.

SEED & PRIVATE A ROUND

100,000 DBGTs for sale, which are expected to provide USD 1,700,000 in financing for project development and marketing.

PRIVATE B ROUND & PUBLIC OFFERING

100,000 DBGTs released for Private B round and public offering. Pre-listing valuation estimated to be USD 30 million. All financing from these rounds will be used to increase liquidity.

PROJECT LAUNCH, SERIES A

Upon listing, new governance tokens are to be purchased by pledging other digital assets. The cost of minting is USD 100 for each DBGT, which will increase along with the halvening of tokens.

SEED ROUND FINANCING

Maximum supply* of token：1,000,000 DBGT　　Initial supply of token at TGE：20,000 DBGT

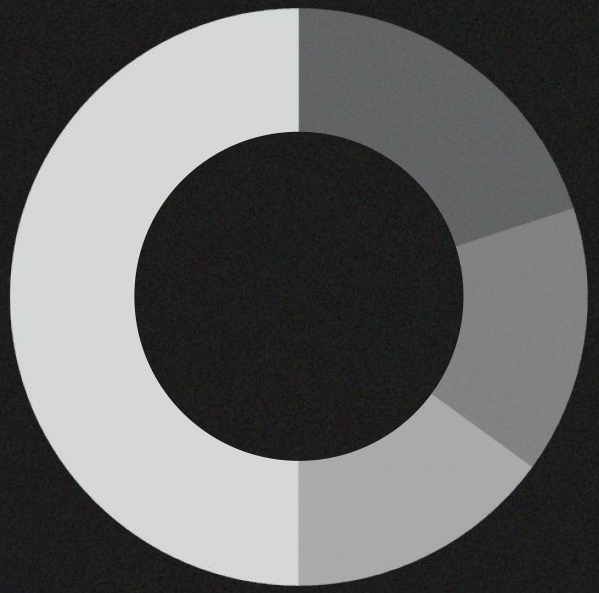
Initial TGE market cap：$600,000

Round	Token Number	Price	Initial Shares Proportion	Financing Target	Token Unlocking Rule
Seed Round (ICO)	40000	$12.5	4%	$500,000	Tokens are unlocked during the first 9 months after listing through TVL; the locked portion will be linearly released in the next 9 months.
Private A (ICO)	60000	$20	6%	$1,200,000	Tokens are unlocked during the first 9 months after listing through TVL; the locked portion will be linearly released in the next 6 months.
Private B (ICO)	130000	TBA	13%	TBA	Tokens are unlocked during the first 6 months after listing through TVL; the locked portion will be linearly released in the next 6 months.
Public Offering	20000	TBA	2%	TBA	Released upon listing

*MaximumSupply can be revised if all the tokens are minted.

***Traditional seed round consists of ICO seed round, ICO private A, ICO private B and public offering*

DISTRIBUTION OF TOKENS



Item	Percentage	Remark
Seed round	4%	Private ICO round
Private A round	6%	
Private B round	13%	
Public Round	2%	
Liquidity	15%	Provide liquidity for secondary market
Foundation	10%	Managed by smart contracts and DAO
Yield Interest	50%	Minted for bond yield interest
Total	**100%**	**Total Supply: 1,000,000 DBGT***

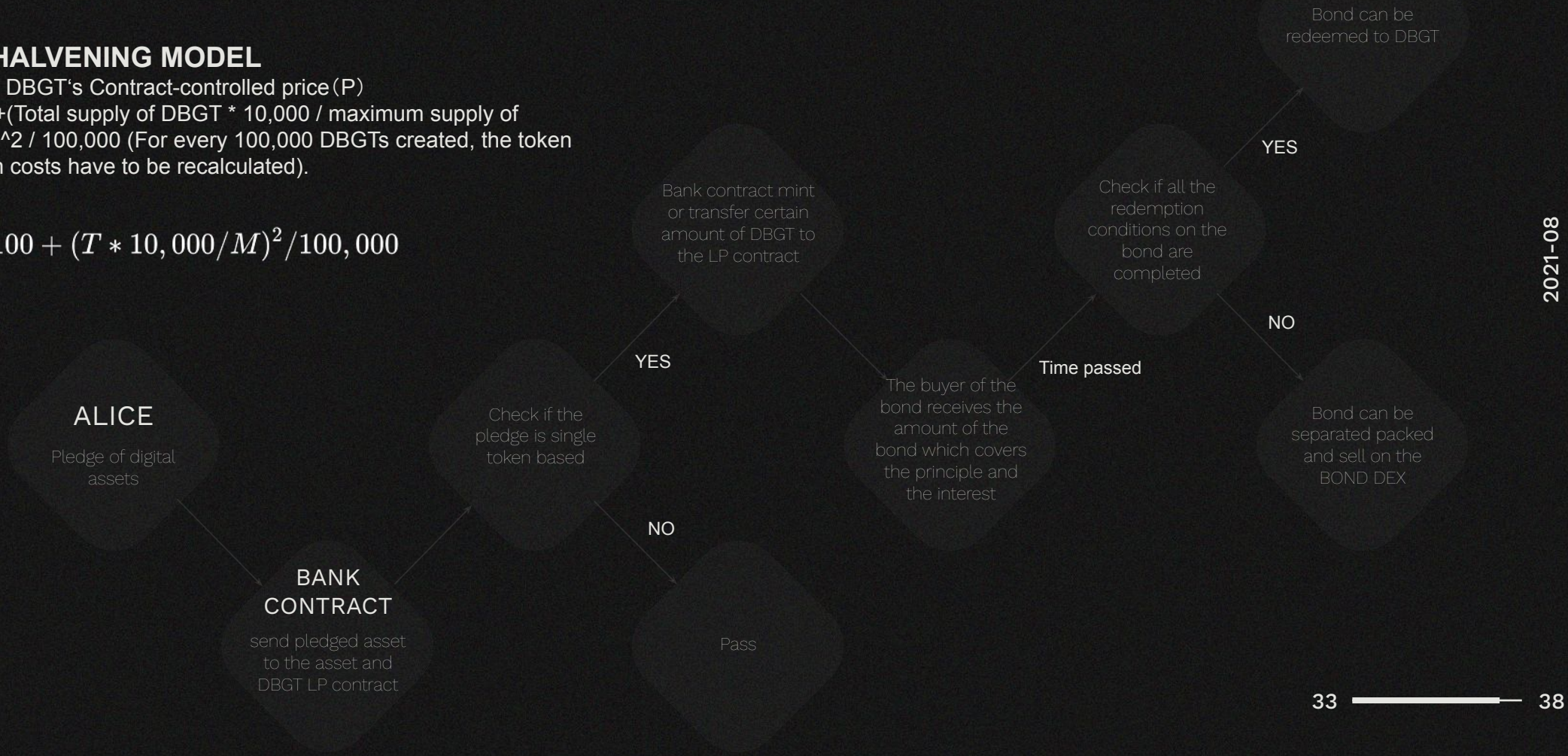
**When the total supply is close to the limit. There will be a possibility to extend the limit through DAO*

THE MINTING OF DBGT

- **TOKEN MINTING RULE**
  Upon receiving the collaterals, the bank contract will mint DBGTs for the LP contract, according to the Halvening model and the price set by the oracle machine. The bond holders will receive the exact amount of DBGTs when the bond is redeemed.

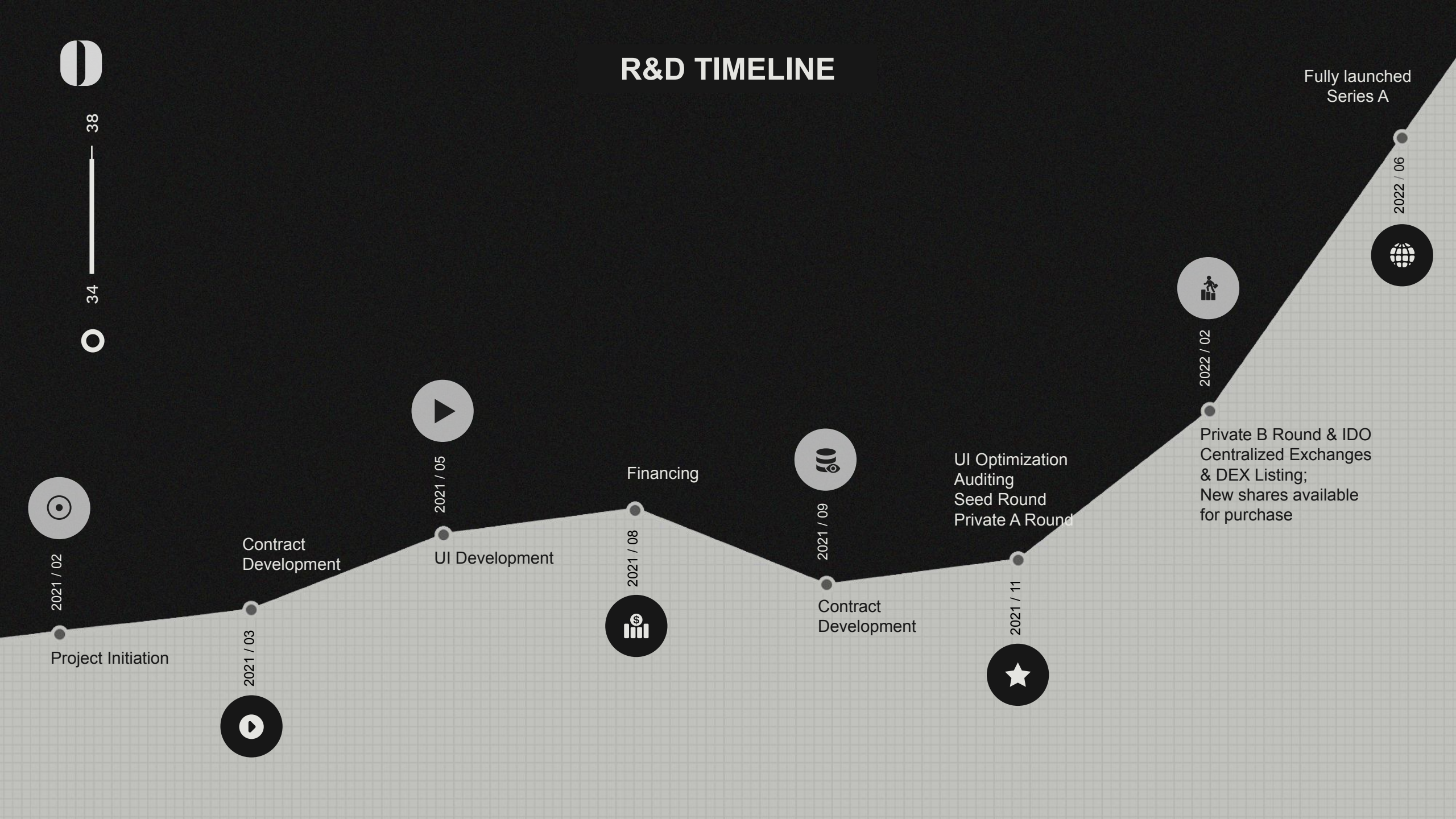
- **THE HALVENING MODEL**
  DBIT to DBGT's Contract-controlled price（P）
  = 100+(Total supply of DBGT * 10,000 / maximum supply of DBGT) ^2 / 100,000 (For every 100,000 DBGTs created, the token creation costs have to be recalculated).

- $P = 100 + (T * 10,000/M)^2/100,000$



2021-08

R&D TIMELINE


38
34
2021 / 02
Project Initiation
2021 / 03
Contract Development
2021 / 05
UI Development
2021 / 08
Financing
2021 / 09
Contract Development
2021 / 11
UI Optimization
Auditing
Seed Round
Private A Round
2022 / 02
Private B Round & IDO
Centralized Exchanges
& DEX Listing;
New shares available
for purchase
2022 / 06
Fully launched
Series A

OUR CORPORATION

Our project is run by an Estonia-registered limited company, which is licensed to operate digital currency and other relevant businesses.

SigmoidLab OÜ
Limited liability company (Limited liability company)
Roseni tn 13, 10111, Tallinn linn, Harju maakond, Republic of Estonia

Linkedin page

We're a global community of academics, consultants, developers and marketing experts with deep understanding in cryptography, decentralized systems and smart contracts.

Our team consists of 15 members from France, Ukraine, India, Malaysia and United States. Members who has involved with the development of Iota, Polygon, Swaphelper, Bithumb, Grap.finance, Maker DAO, Alpha wallet, etc..

TEAM MEMBERS

YU L
Founder & CEO

Risk Management Analyst, AXA
Founder and Developer of Swaphelper
Developer of Grap.Finance
MS. Sociology and Economics,
Université Paris Dauphine - PSL

Sang-Bo W
Co-founder & Chief Algorithms Officer
Math and Economic Model R&D

BS. Physics, Peking University
MS. Applied Mathematics, ENS
PhD Financial mathematics, École Polytechnique

Varun D, Ph.D
CTO

Head Of Security, Uniris
Research Fellow, Smart Contract Research Forum
Project and Course Supervisor, ESIEE PARIS
Research And Development Engineer, METRON SAS
Doctor of Philosophy -Design of Blockchain Based Trust Management System,ESIEE PARIS

Erfan I
Co-founder & COO

MSc in Digital Management, ICN Business School
FinTech & Blockchain Consultant, Angel Investor
Advisor of Hotbit
Investor of Mintable
Investor of Globe Derivative Exchange

Julien M, Ph.D
Head of development

Head of Research and Development, Ellipse Studio
Research and Development of Distributed System, International Consortium of Investigative Journalists
Doctor of Philosophy (Ph.D.) Computer Science, Université Pierre et Marie Curie (Paris VI)

Abderahman J
Senior front end developer

Proxy Product Owner, Louis Vuitton
Front End Lead, AXA Life Invest
Front End Lead, Euler Hermes
Études entrepreneuriat,
Ecole Polytechnique Fédérale de Lausanne

TEAM MEMBERS

Allan M
Partnership Manager
Growth partnership manager, Happy Pal
VC Analyst, Davoa Capital
MS. Entrepreneurship, Strategy, Corporate finance,
ESSEC Business School

Gerard A
PR Manager
Digital Marketing Manager,Accura Cast
Senior Correspondent, XInhua News Agency
Sr. Financial Correspondent, Finanzen verlag
MS. Business Administration, University of Düsseldorf

Meriem M
UI/UX Designer
UI/UX Designer, Moet Hennessy.
Art Director, ADFAB
MA. Print and digital design, ESAD Orleans

Stas S
Outsourcing Solidity Engineer
Chief blockchain solution developer & architect of SKSO (for Russian Railways).
Chief Internet expert at Sochi 2014.(2014 Winter Olympics)
Development of a cryptocurrency backed by Swiss Francs,
Head of distributed ledger technology, Avoncourt

Samuel O
Blockchain Developer
Blockchain Developer / QA Engineer, Jummy
Ph.D candidate Energy and Entropy, Sorbonne University

Toufic B
Blockchain Developer, Quant
Data Scientist, Thales
Risk ALM model reviewer, BNP paribas
MS. Mathématiques et statistiques, ENSAE Paris

Stehpane M
PR and Partnership Advisor
VP Business & Corporate Development, Coinhouse
Vice President Of Business Development,
COINHOUSE CUSTODY SERVICES

Oleksandr K, Ph.D.
Infrastructure Architect Advisor
Cloud Infrastructure & Blockchain Architecture Consultant, Unicsoft
AWS Partner, AWS Certified Solutions Architect,
Solution developer for Maker DAO, Alpha Wallet, AWS, etc.

Abdelmounaim D
Go to market strategy Advisor
Lecturer - Business Data Science,
ESSEC Business School
Director, Ekimetrics

COMMUNITY

60,000 TG members.70,000 Twitter followers Over 10,000 of the 60,000 wallet addresses in the Airdop list have been validated to be previous DEFI users