



v.2.2, March 2021

ChronoBase

Global decentralised luxury watch database with provenance, cost and ownership verification

Issues of the luxury watch market

Issues



Popularity of luxury products has resulted in the appearance and expansion of the black market for stolen watches. It should be borne in mind that each element of the watch mechanism is custom built

All timepieces have unique identification numbers, which authenticate product genuineness. These numbers are stored in the manufacturer's internal databases. Regrettably, there is no single database for watches of different manufacturers, while the watch ownership history is not recorded. Thefts cause significant losses to the watch owners and insurance companies. Stolen watches enter the market due to absence of the unified global stop-list and convenient interfaces for the owners.

Issues

Formidable issue facing customers is the availability of fake and counterfeit products. The quality of fakes improves gradually, making them very similar to the originals. Being in high demand, Swiss-made watches are faked more often as compared to watches of other brands.

According to the Federation of the Swiss Watch Industry FH, the annual output of counterfeit watches exceeds 35 million units, which is even bigger than the output of authentic Swiss watches.

In value terms, the trade turnover of counterfeit watches is over 1 billion francs per year, which accounts for 5 % of the total sales volume of original timepieces. Criminals even mastered watch copying and “cloning”. When one checks the authenticity of such watches using serial numbers alone, the lookup results are positive since these numbers may really exist.

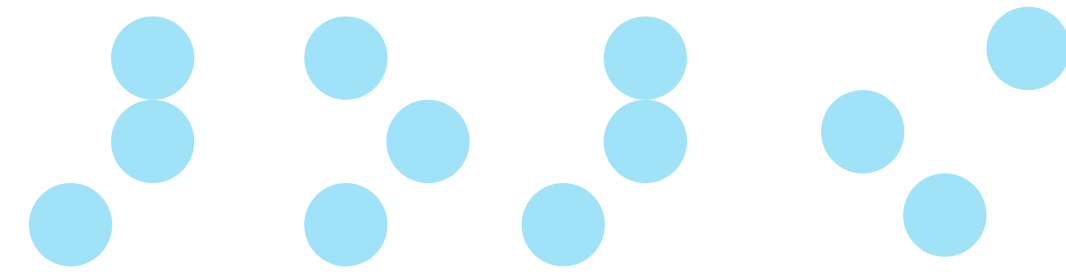
Issues

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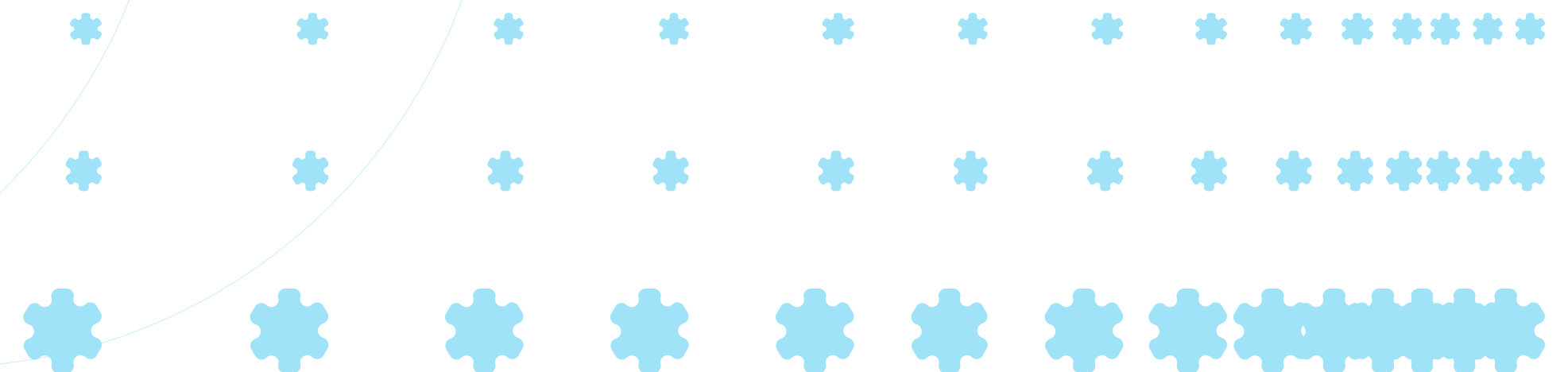
the watch has been repaired and, if repaired, what parts have been used or where the maintenance, if any, has been executed. Without such database, there is no possibility to verify service information, which is of great importance for assessing the watch price.

Ecosystem

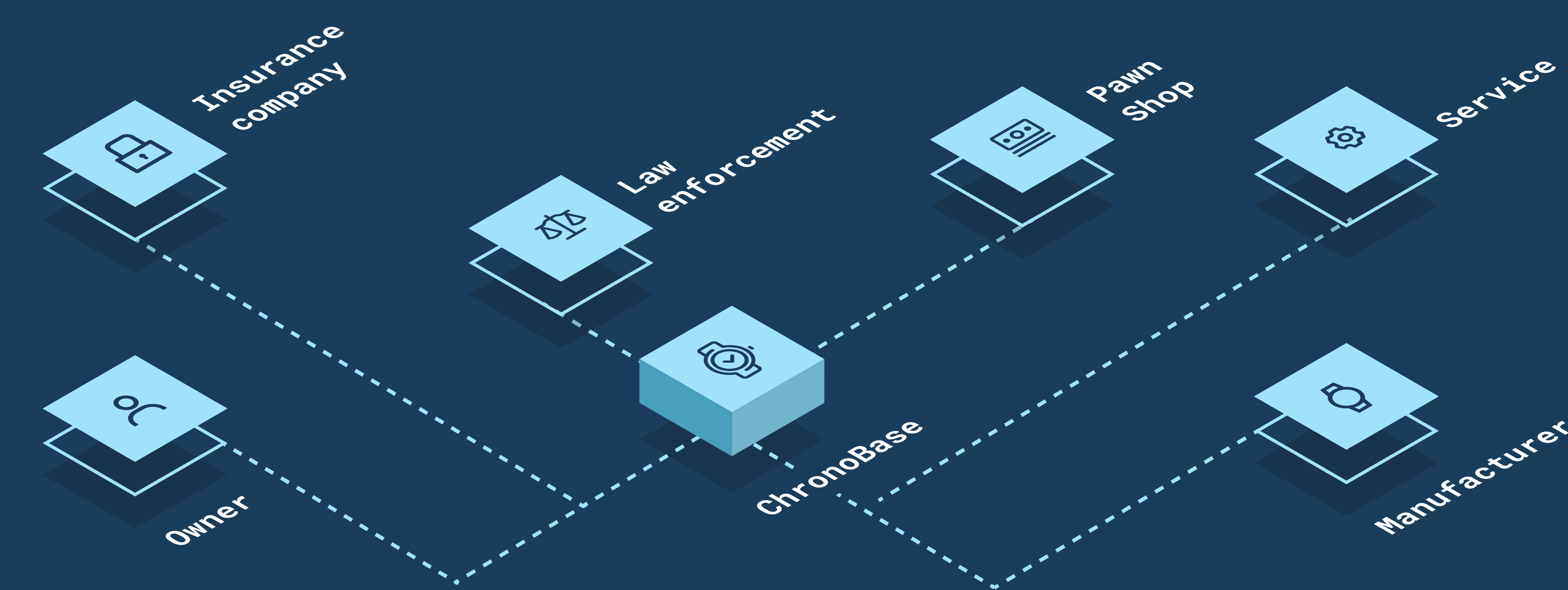


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ChronoBase is a unified market ecosystem



Ecosystem



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Marketplace will become the core of the ecosystem, where watch owners will be able to retain their collection and offer any items for sale. NFT certificates, issued by ChronoBase, will protect customers from fakes and will assist in keeping track of the watch provenance. In addition, an escrow service will make it possible to safely buy and sell luxury watches. Another monumental task is achieved by casting away intermediaries, to improve watch prices for the interested buyers.

ChronoBase – Your luxury watch secured by blockchain



Deep insight into blockchain technology allows the project team to analyse various markets, where the issue of data safety and retention are nowadays acute and persistent. The luxury watch market is the one where this issue really manifests itself.

Who needs ChronoBase?

Who

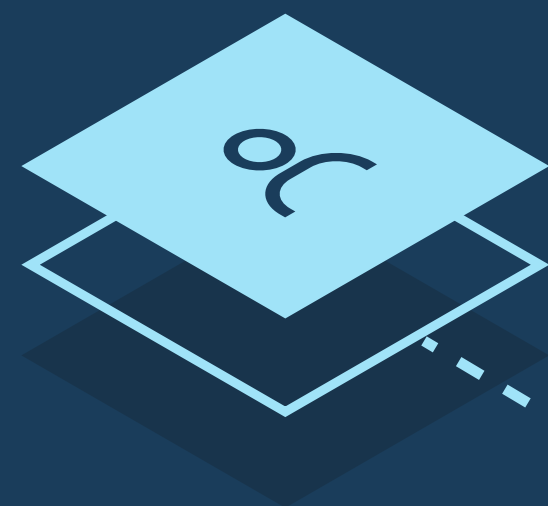
Watch owners

Information on watch provenance improves resale value of a timepiece. The earlier the watch enters the database, the more valuable such provenance record becomes afterwards.

Availability and retention of information on every timepiece is guaranteed, so information is available when you sell or buy watches.

ChronoBase provides an option to verify service history of a watch.

The information on watch ownership is secure (privacy respected).



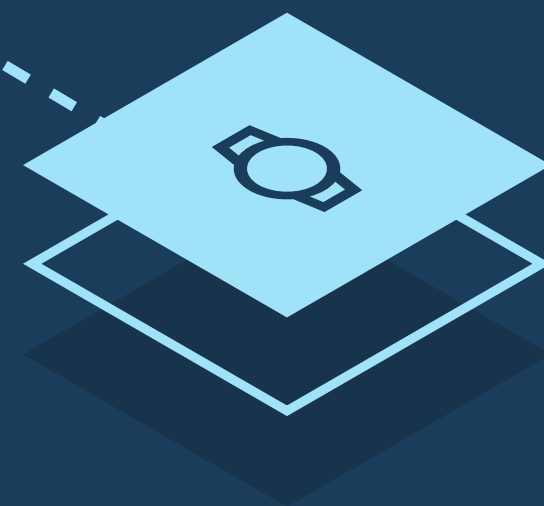
Watch manufacturers

Our platform offers new business tools to watch manufacturers:

Unauthorised stock movement and re-export by the dealers is a common practice, which results in sale of watches below MRP recommended by the manufacturer. ChronoBase can track sales of dealers to third-party marketers, knowing the actual sales location.

The platform allows manufacturers to reach out to the clients to push marketing messages and maintain relationships.

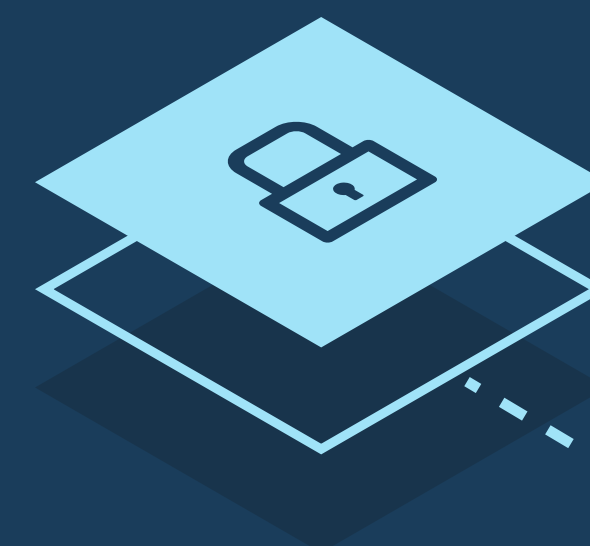
ChronoBase brings order and transparency to the second hand market.



Insurance companies

Insurance fraud is widespread and it may be hard or impossible to check the timepiece in police databases worldwide. ChronoBase offers instant verification for insurance purposes, including service history and the date of the first sale, respecting privacy of the owner.

Watch manufacturers can focus on production and entrust the database to ChronoBase



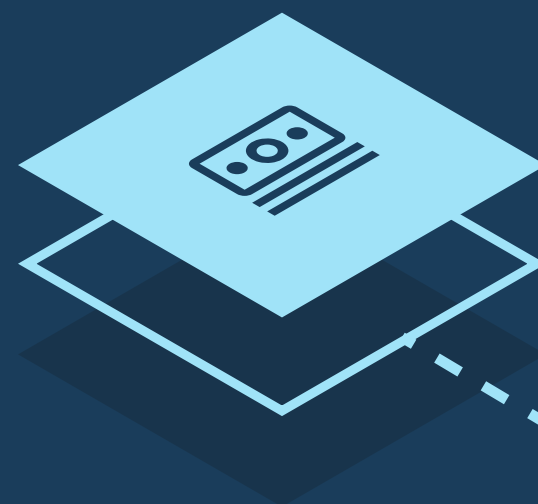
Who

Pawnbrokers and their customers

Pawnbrokers and their customers can get priority access and better view with respect to pawned watches.

This information will confirm:

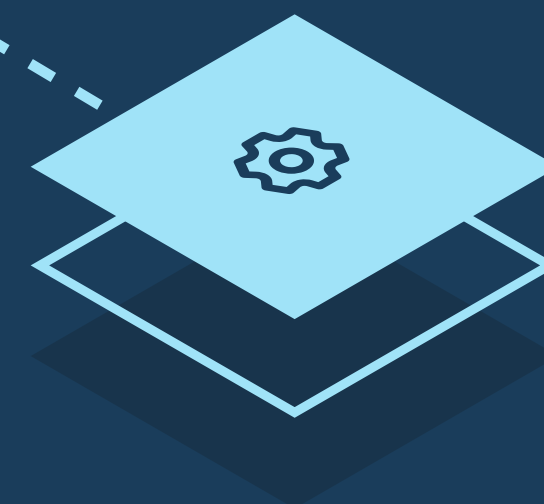
- absence of any criminal record.
- ownership status of a person who pledges a watch as collateral or later elects not to redeem this collateral in order to sell it.
- watch provenance and authenticity.



Service companies

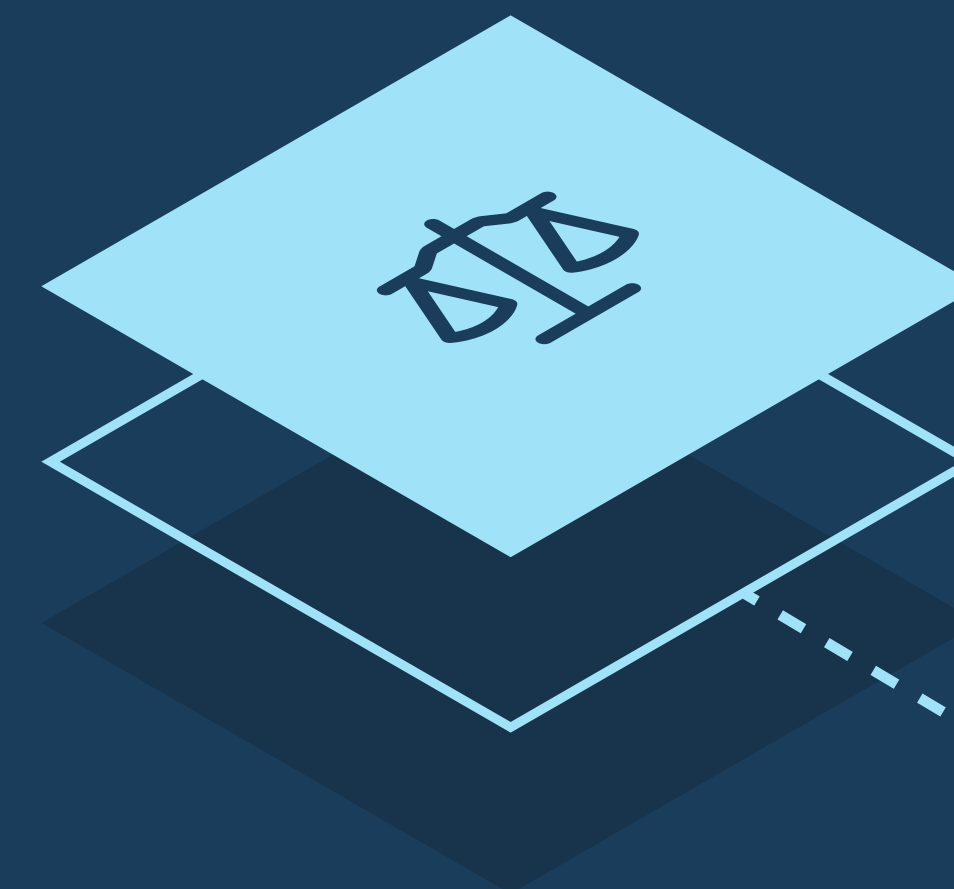
Watch service centers may incur significant losses when they can not prove unauthorised or unqualified repairs or utilization of non-authentic spare parts. The unified database retains full record on repairs and servicing of each timepiece, and keeps track of the service history.

It will facilitate timely maintenance, as ChronoBase users can set reminders to call at a service center to maintain their watches (with indication of the closest service center subject to customer location).

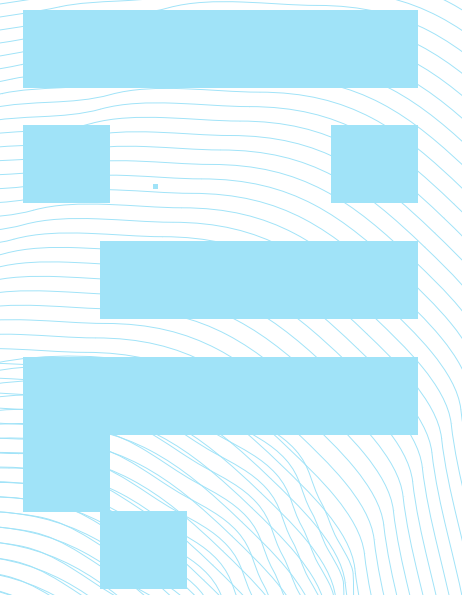


External partners

Open API allows external partners to join our marketplace, access database and analyse offered lots.



Why support the ChronoBase project?



Why

1. This is the first project with a unified decentralized database on luxury watches with full ownership history and easy access with mobile apps.
2. It is started with database, but in future the marketplace will be promoted, which will facilitate buying and selling watches with full history of ownership, service and other relevant information.
3. This will become the first escrow service platform dedicated to luxury watches, based on smart contracts.
4. The market for our project is global. ChronoBase negotiates with all watch manufacturers, insurance companies, pawnbrokers, etc.
5. ChronoBase has already entered the MVP stage with live applications.
6. We view ChronoBase not as a local project, but as an open ecosystem for all participants of this booming market.
7. ChronoBase will protect you from purchasing stolen or lost watches. The information kept in the blockchain database can not be altered.
8. We improve security of transactions and protect market participants.
9. The information in the database increases resale cost of luxury watches due to availability of transparent provenance records.

ChronoBase functionality

Functionality



The ChronoBase ecosystem will be converged around the web portal. The portal is the unified point of access to all features of the platform.

Mobile applications have been developed to conveniently access all data from portable devices. The fully functional platform, which provides basic functionality, has been deployed and available to use.

Functionality

The function of loss or theft reporting implies an automatic (without administrative interference) record in the blockchain, with a single click, which improves chances to act promptly and recover your item. The information is mirrored in Ethereum blockchain, which guarantees its integrity and capacity to pass any type of auditing. The database is public and universally accessible, with an enhanced level of data confidentiality, which safeguards the owner's identity.

The business entities or manufacturers can avail of the marketing services. As example, prior to upload of the new lot of luxury watches, the action can be coupled with a highly targeted opt-in messaging campaign among the prospective buyers. The access to all additional functions will be paid for by internal tokens of the platform.

The information from ChronoBase is mirrored in Ethereum blockchain, which guarantees its integrity and capacity to pass any type of auditing

TIK tokens will be used by manufacturers and owners to secure their timepieces

ChronoBase (TIK) token



Usage of tokens



What ChronoBase (TIK) token is?

ChronoBase (TIK) token is a cryptographic utility token issued to power the ChronoBase platform, purchase the platform based services and make transactional payments.

TIK tokens are vital to maintain the internal economy of the ChronoBase ecosystem and facilitate safe and open interaction among ecosystem participants.

Usage of tokens

ChronoBase (TIK) token use cases



Watch buyers

making security payments when the escrow service is used;

obtaining an early access to the new sale lots;

obtaining the 'verified/premium customer' status.



Watch retailers

payment of the platform commissions upon watch sales;

payment of charges upon making changes to watch metadata;

payment for the platform services (marketing services, services aimed at promotion of lots available for sale, featured brand pages, etc.);

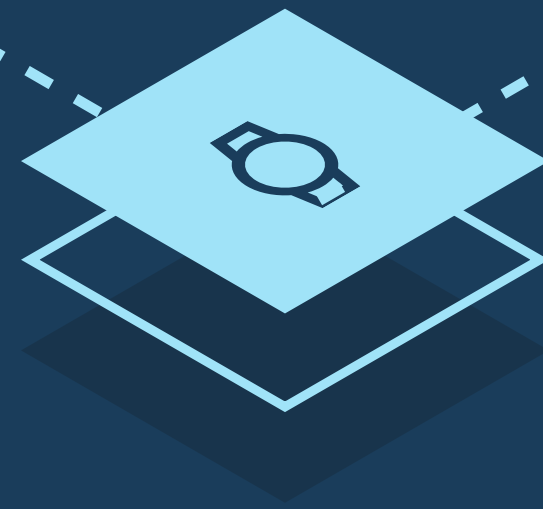
payment for a Premium account, which provides additional benefits (expanded listings, featuring of a lot, membership schemes, etc.).

Usage of tokens



Pawnshops

- making security payments;
- obtaining an early access to the new sale lots;
- obtaining the 'verified customer' status;
- payment for advertising space within pawnshop ratings;
- payment for advertising space within the platform.



Watch manufacturers payment

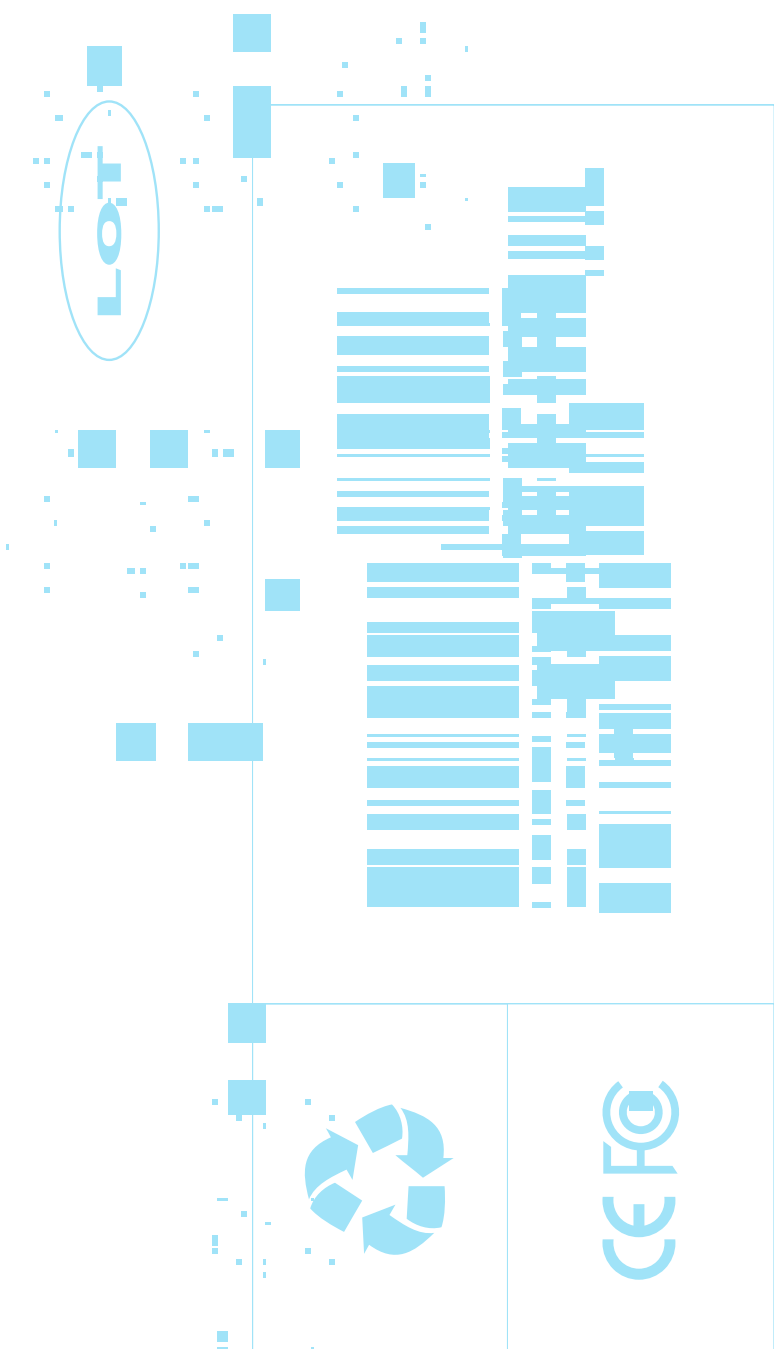
- for targeted marketing campaigns;
- payment for the access to big data analytics;
- payment of charges upon making changes to watch metadata;
- promotion of the authorised service center network;
- payment for advertising space within the platform.



Service centers

- payment for targeted marketing campaigns;
- payment of the platform commissions for customer referrals;
- payment for geolocation-based triggers that remind watch owners of the necessity to perform service maintenance;
- payment for advertising space within the platform;

Token sale and funds distribution



Distribution

Total token supply

**1 billion
TIK**

Seed Round Price

1 TIK = 0.005 USD

Tokens available for sale

80 million TIK

Target

**80,000,000 TIK ~
400,000 USD**

Public round

1 TIK = 0.01 USD

Token nominal price for public round:

Tokens available for sale:

15 million TIK

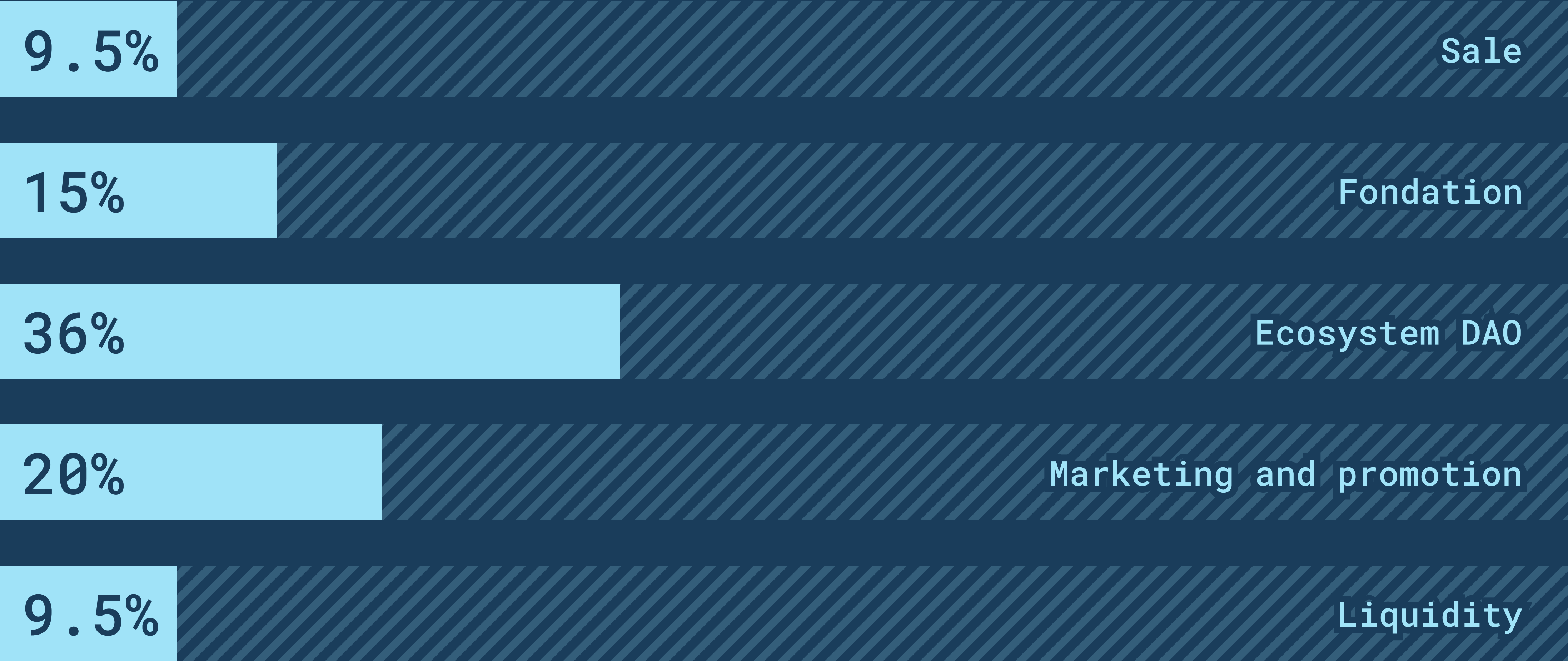
Token nominal price for public round:

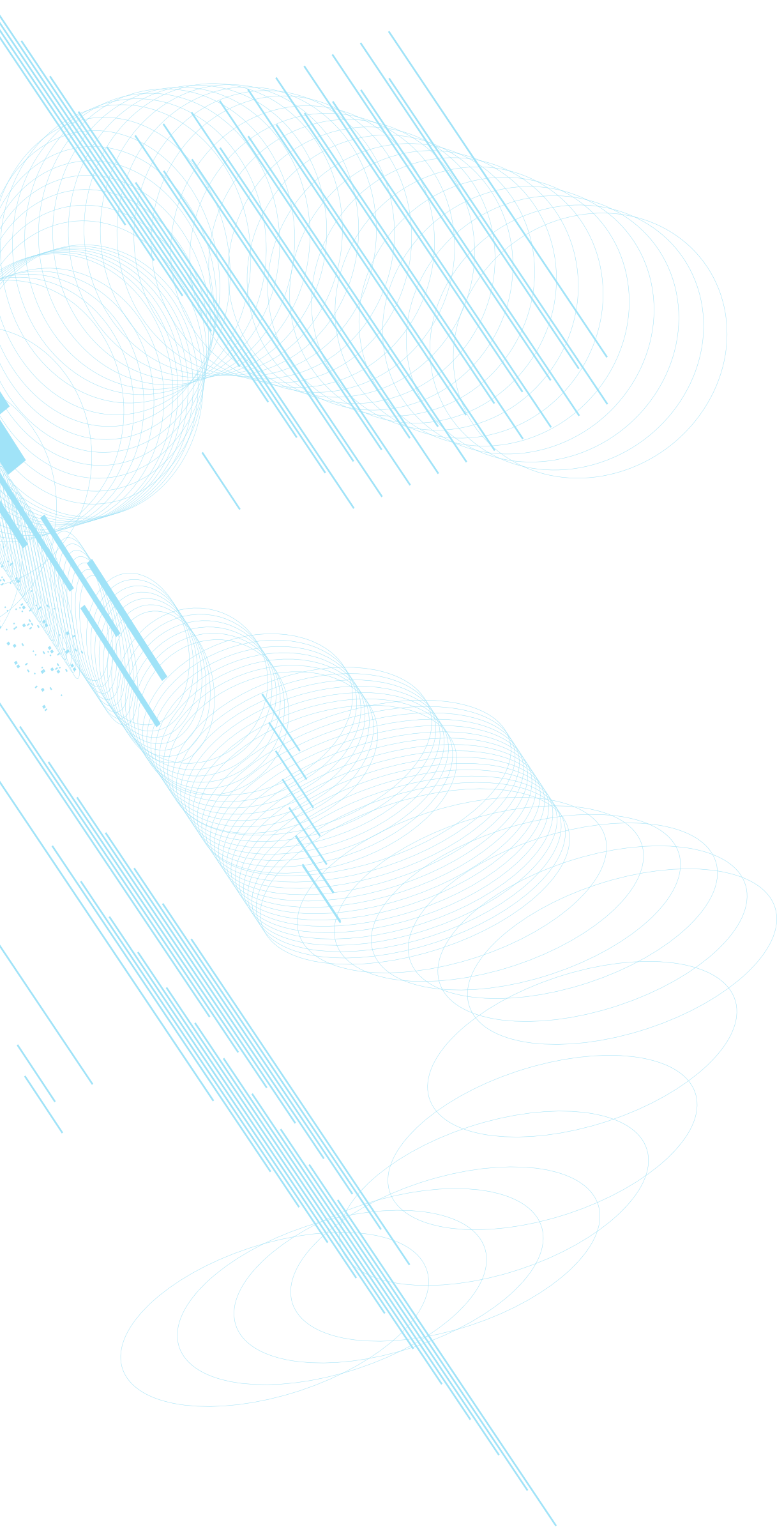
Target

**15,000,000 TIK ~
150,000 USD**

Target allocation of funds

Target





For any questions, please contact ChronoBase team at:

info@chronobase.eu