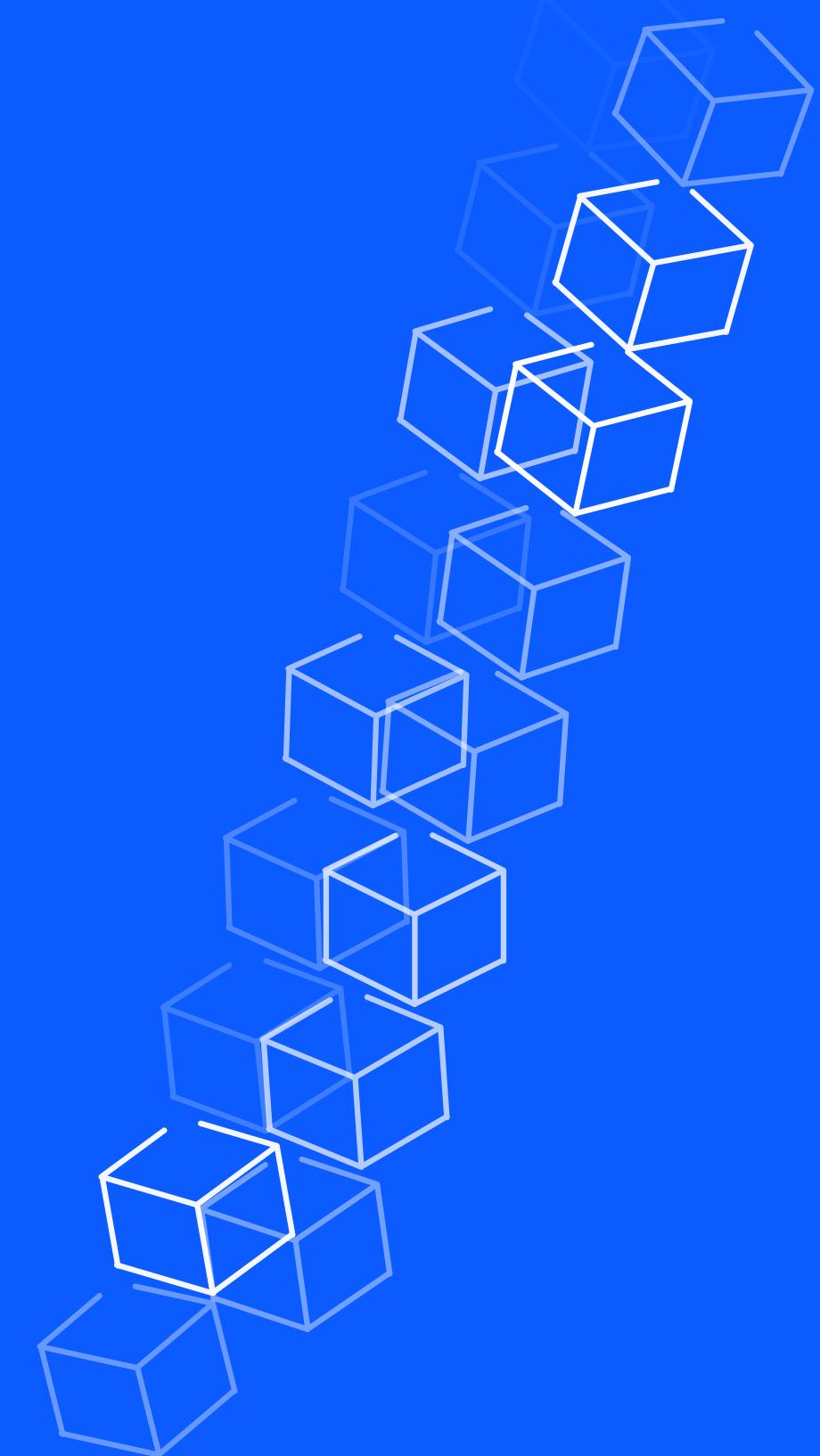


WEB 3.0

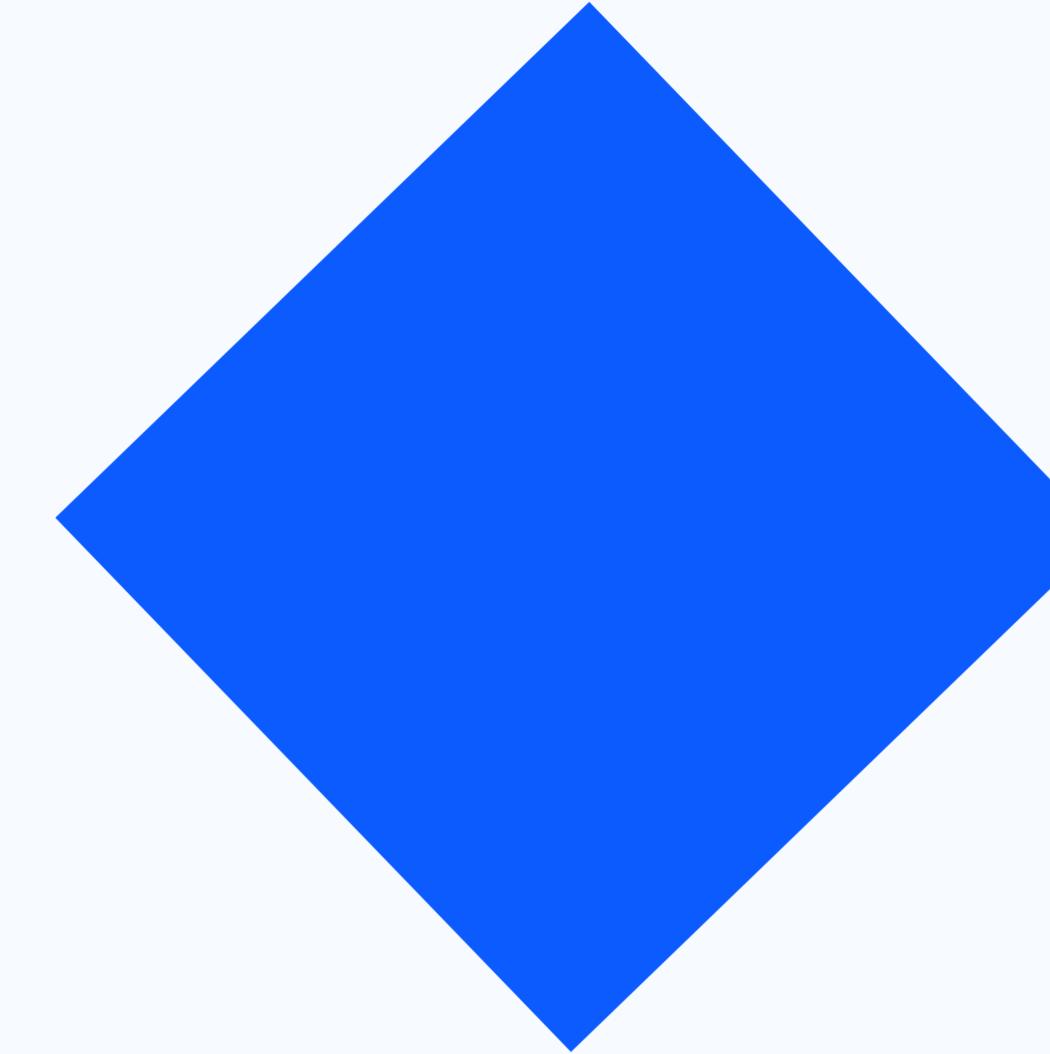
# WAVES BLOCKCHAIN



waves

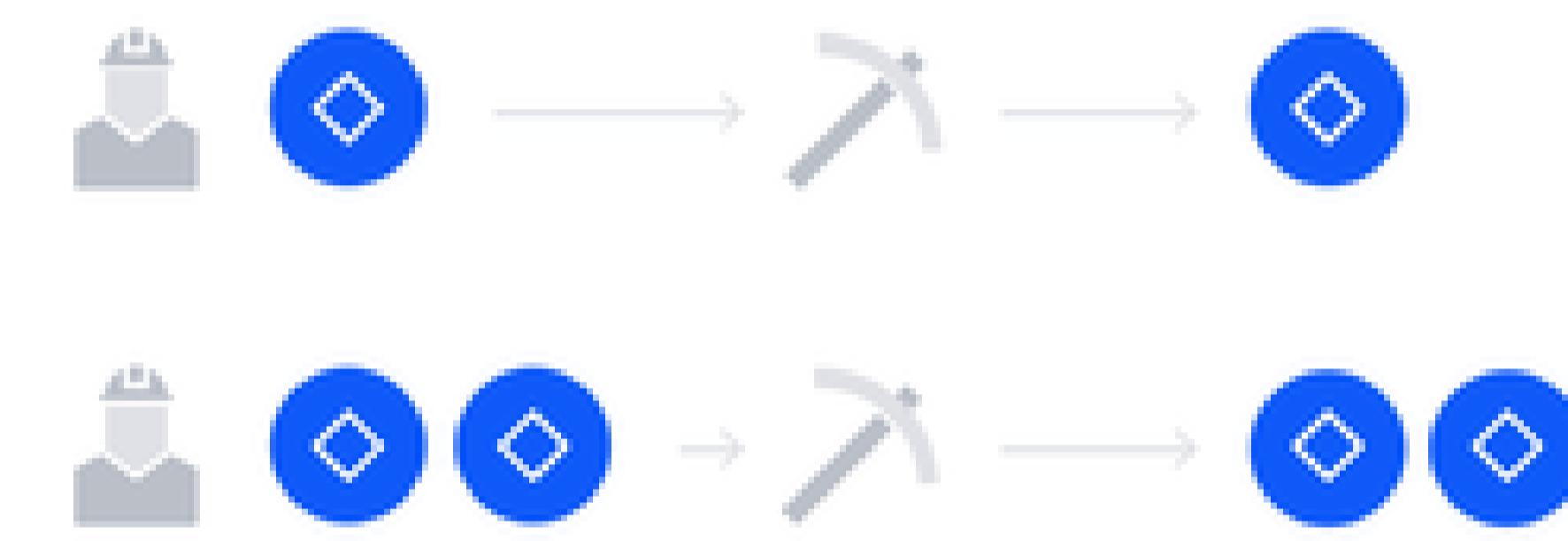
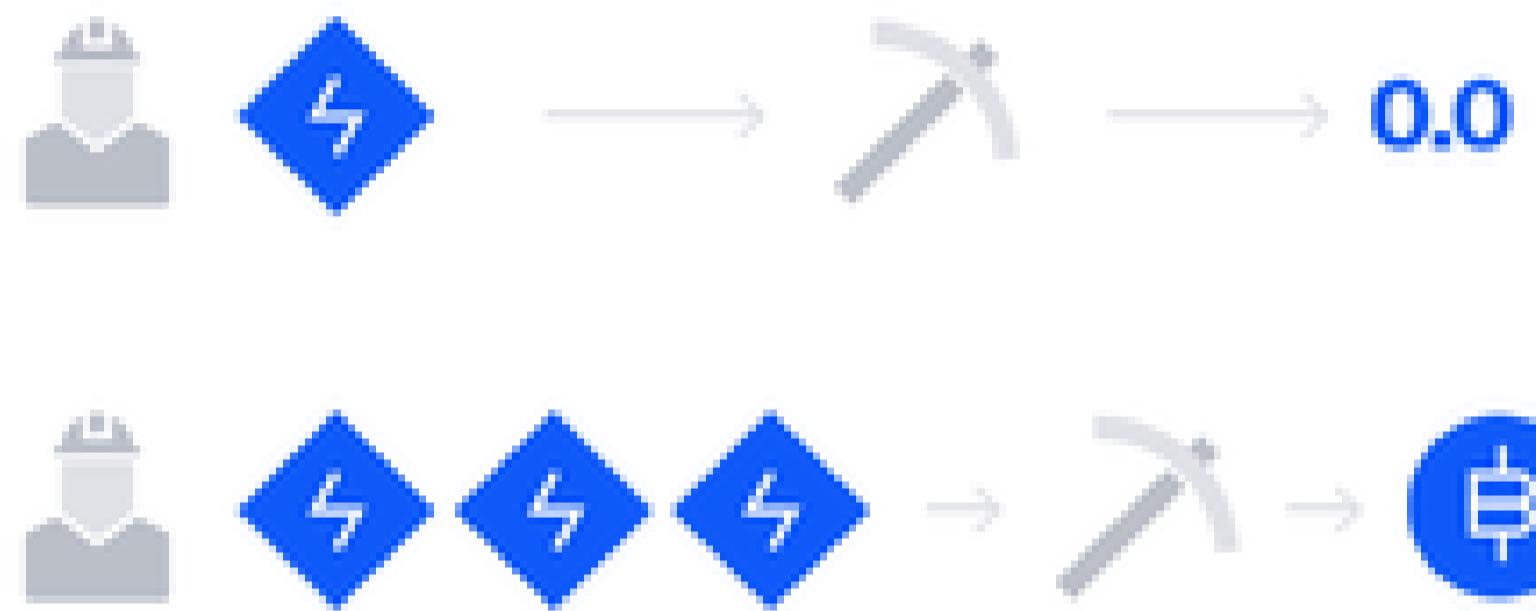
## Structure

- 1.** What is Waves?
- 2.** History of Waves Blockchain
- 3.** Waves Development Progress
- 4.** Technological Foundation of Waves Protocol
- 5.** Approaches to the development of the Waves protocol
- 6.** Distinctive Features of the Waves Blockchain



Waves is a **Proof-of-Stake permissionless general-purpose blockchain platform.**

Open blockchain platform and development toolset for Web 3.0 applications and decentralized solutions.



## Proof-of-Work

Mining cryptocurrencies often requires expensive hardware, specialist knowledge and hours of dedicated work and patience. That's because most cryptocurrencies are mined through Proof-of-Work

## Proof-of-Stake

Waves uses a Proof-of-Stake algorithm in which the WAVES you own (or that have been leased to you) reflect your mining power. The more you own, the higher your chances of processing the next block and receiving the transaction fees as a reward. Essentially it's a form of interest on your balance

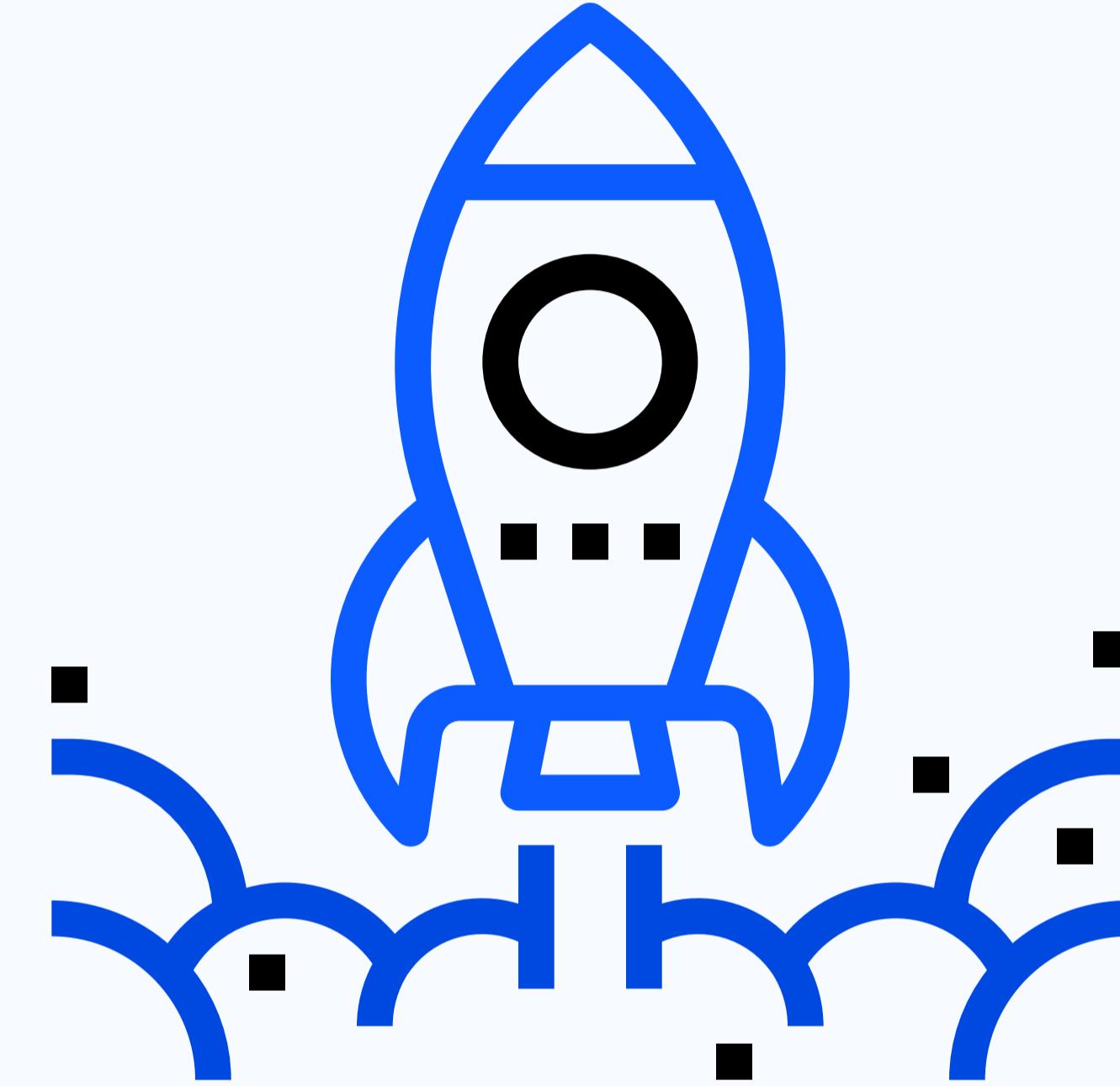
## History of Waves

Waves as a blockchain began in **2016**

Waves was founded by **Alexander Ivanov**

Fundraising within the framework of the ICO

- More than 200 full time employees
- Offices in Moscow, Zug, Amsterdam
- Ambassadors all over the world
- Incubator (Waves Labs, Ventuary DAO)



Startup icon By monkik via flaticon.com

*Waves platform positioned itself as a general-purpose blockchain, without focus on certain specific areas of application.*

NEXT: Waves Development progress

# Waves Development Progress

In a span of just three years, Waves Platform evolved from a white paper to a leading global infrastructure for Web 3.0 applications



**NEXT:** Technological Foundation of Waves Protocol

## Technological Foundation of Waves Protocol

- ◆ LPoS consensus algorithm facilitates robust security and energy efficiency
- ◆ Waves-NG, adopted Bitcoin-NG, protocol for instant transactions with the maintenance of decentralization, 100+ tx/sec
- ◆ RIDE language for programmable logic and dApps development: simple, formal verification friendly, designed to avoid fatal mistakes

**NEXT:** Approaches to the development of the Waves protocol

# Approaches to the development of the WAVES protocol

The developers of the Waves protocol have always been guided by some basic principles that greatly influence the further development of the protocol.

**Blockchain for people**

**Easy to use tools for application developers**

**User-friendly tools and products for end users**

**Focus on practical applicability**

**Products are for people**

**Products/tools should solve problem**

**Development openness**

**Open source codes on Github**

**Waves Enhancement proposals**

**NEXT:** Distinctive Features of the Waves Blockchain

## Distinctive Features of WAVES

If you already have experience with other blockchains, you may be wondering how Waves differs from conditional Ethereum and why it is different.

**Waves  
NG**

**DEX**

**Community  
driven  
monetary policy**

**Sponsorship**

**Ride and  
smart  
contracts**

**Work with  
tokens/assets**

**Transactions**

**Fair POS**

**Leasing**

## Working with Tokens/Assets (entities, not smart contracts)

- Create asset
- Can be traded
- Can be burned
- Can be transferred
- Can be reissued

## Transactions

Tokenisation	Usage	Network
- Issue	- Burn	- Alias
- Reissue	- Transfer	- Mass Transfer
- Set Asset Script	- Exchange	- Data

## Fair POS

Blocks are generated on average every minute

- \* Generating balance of the node
- \* Current time and randomness
- \* Generating balance of the network

## Leasing

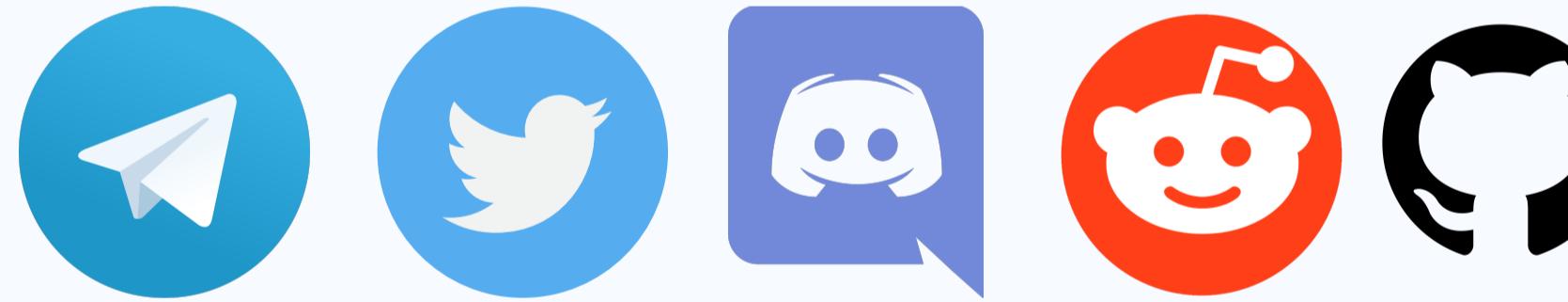
- Lease from any wallet
- Owners 100% control of funds
- Unlease anytime

## Sponsorship

- Cover fee for token holders
- Miners receive Waves
- Issuer account receives tokens
- Can be deactivated

## We have a **HUGE** community!

- Big communities on multiple platforms
- Regional communities based on different languages
- Ask right questions, get right answers
- Consistent developments on APIs, Libraries, developer tools & documentations



A screenshot of a GitHub profile page for "Waves Platform". The header includes the GitHub logo, navigation links for "Why GitHub?", "Enterprise", "Explore", "Marketplace", "Pricing", a search bar, and "Sign in" / "Sign up" buttons. Below the header, there's a blue diamond-shaped icon followed by the text "Waves Platform", the location "Zug, Switzerland", the URL "https://wavesplatform.com/", an email link "info@wavesplatform.com", and a "Verified" badge. A navigation bar below shows "Repositories 117", "Packages", "People 40", and "Projects". The main area is titled "Pinned repositories" and lists six repositories in a grid: "Waves" (Waves Node application, Scala, 987 stars, 324 forks), "WavesGUI" (Waves Client, JavaScript, 417 stars, 213 forks), "data-service" (Waves data service and API, TypeScript, 25 stars, 13 forks), "waves-keeper" (Waves Keeper browser extension, TypeScript, 13 stars, 12 forks), "ride-examples" (Repository for RIDE examples, Scala, 14 stars, 15 forks), and "waves-games" (Waves games, TypeScript, 1 star, 4 forks).

# Upcoming NEXT:

Understanding  
Waves Network  
Protocol

Date: 10 February, 2020