Zenome is a decentralized
genomic Internet

General information

Web-site:
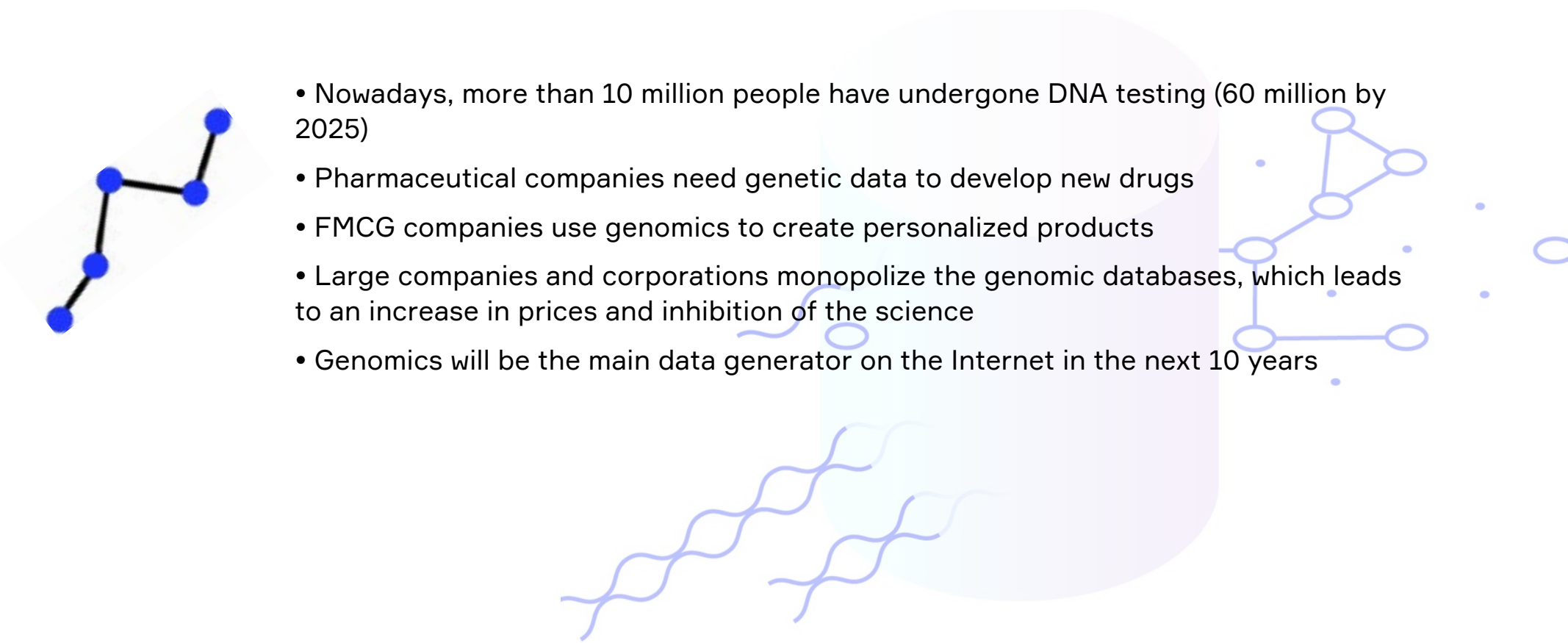https://zenome.io/

E-mail:
info@zenome.io

General description of the concept and technical part:
https://zenome.io/download/whitepaper.pdf

Summarized trends

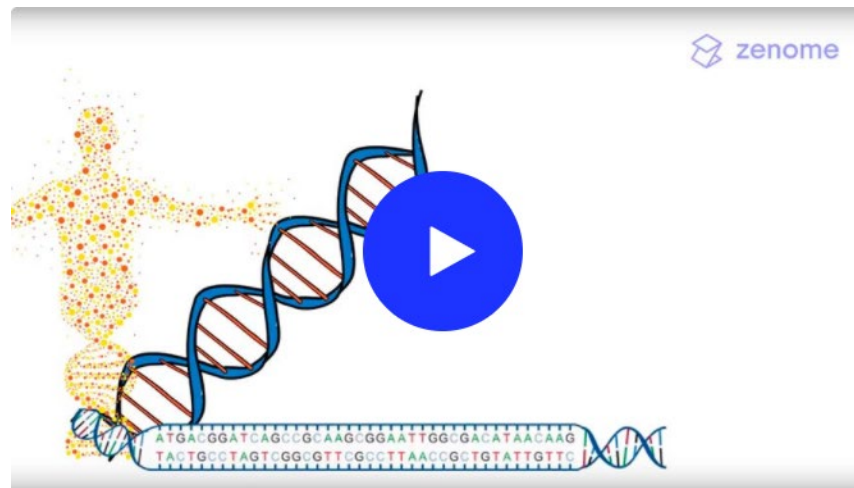At present, there are the following prerequisites in the field of personal genomics:

• Nowadays, more than 10 million people have undergone DNA testing (60 million by 2025)

• Pharmaceutical companies need genetic data to develop new drugs

• FMCG companies use genomics to create personalized products

• Large companies and corporations monopolize the genomic databases, which leads to an increase in prices and inhibition of the science

• Genomics will be the main data generator on the Internet in the next 10 years
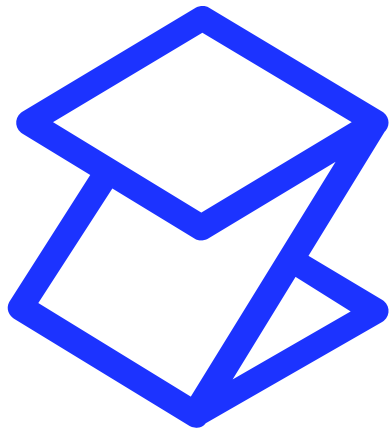
Zenome concept

Zenome is a decentralized database owned by the community in which the ZNA's internal cryptocurrency stimulates to contribute its genomic data and fill out questionnaires (with clinical and other sufficient information)

See short video-animation describing how Zenome platform works on

Our platform uses the blockchain system and the protocol of decentralized hash tables (DHT) to create such a distributed database in which the community will download its personal information and receive cryptocurrency as a reward.

Zenome advantages & our followers

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- We were and will be the first in terms of vision and development

- We have the best developers from universities who regularly take first place in the international programming world championships

- We have our vision, strong developers, and our office is in Moscow, which means that our IT development is 4-5 times cheaper than in the Silicon Valley

- We are building a decentralized network in which the community itself will create new services and make decisions. Users will own their personal data and earn, giving access to third parties to this data. We will only build the infrastructure. We believe that such an approach, "a la Wikipedia," will allow us to achieve the maximum speed of our network development

luna DNA

Created by co-founders of the $40B DNA sequencing leader Illumina.
(Founded four months after the publication of the Zenome Whitepaper)
Location: Silicon Valley

Nebula Genomics

Harvard Medical School startup founded by George Church - human genome sequencing pioneer, Harvard Professor. (Founded six months after the publication of the Zenome Whitepaper)
Location: Silicon Valley

Team & advisors

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Our core team

Alexey Gorbachev
Ph.D, Founder

Nikolay Kulemin
Ph.D, Founder

Sergey Popov
Blockchain developer

Vladimir Naumov
Genomic data scientist

Anastasia Gubina
Community manager

Alexey Kuzmenkov
Ph.D, Neuroscientist

Advisors

Richard Resnick
Senior advisor

Yuri Nikolsky
Ph.D, Business advisor

Dmitry Kwon
Ph.D, Zenome advisor

Vadim Pushkarev
Law advisor

Learn more on zenome.io →

Current stage of development

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• A demo version of the product was released:
https://github.com/zenomeplatform/desktop-client/releases

See short video about demo version of client on **You Tube**™

• The personal account for token-holder was developed and integrated with a smart contract. Following functional is available: KYC, purchase (ETH, BTC) and minting of ZNA-tokens:
https://wallet.zenome.io/register

Zenome Network PeerID: A module for generating and working with peers' unique identifiers:
https://github.com/zenomeplatform/ZenomeNetworkID

A smart contract for the ZNA token:
https://etherscan.io/token/0x59c3ba7a0a4c26955037710654f60d368303b3e1

ZNA in Crypto-exchange - EtherDelta:
https://etherdelta.com/#0x59c3ba7a0a4c26955037710654f60d368303b3e1-ETH

Clients

- Big Pharma
- FMCG companies
- Scientific groups

DNAFit — UNLOCK YOUR HUMAN POTENTIAL Unilever zenome
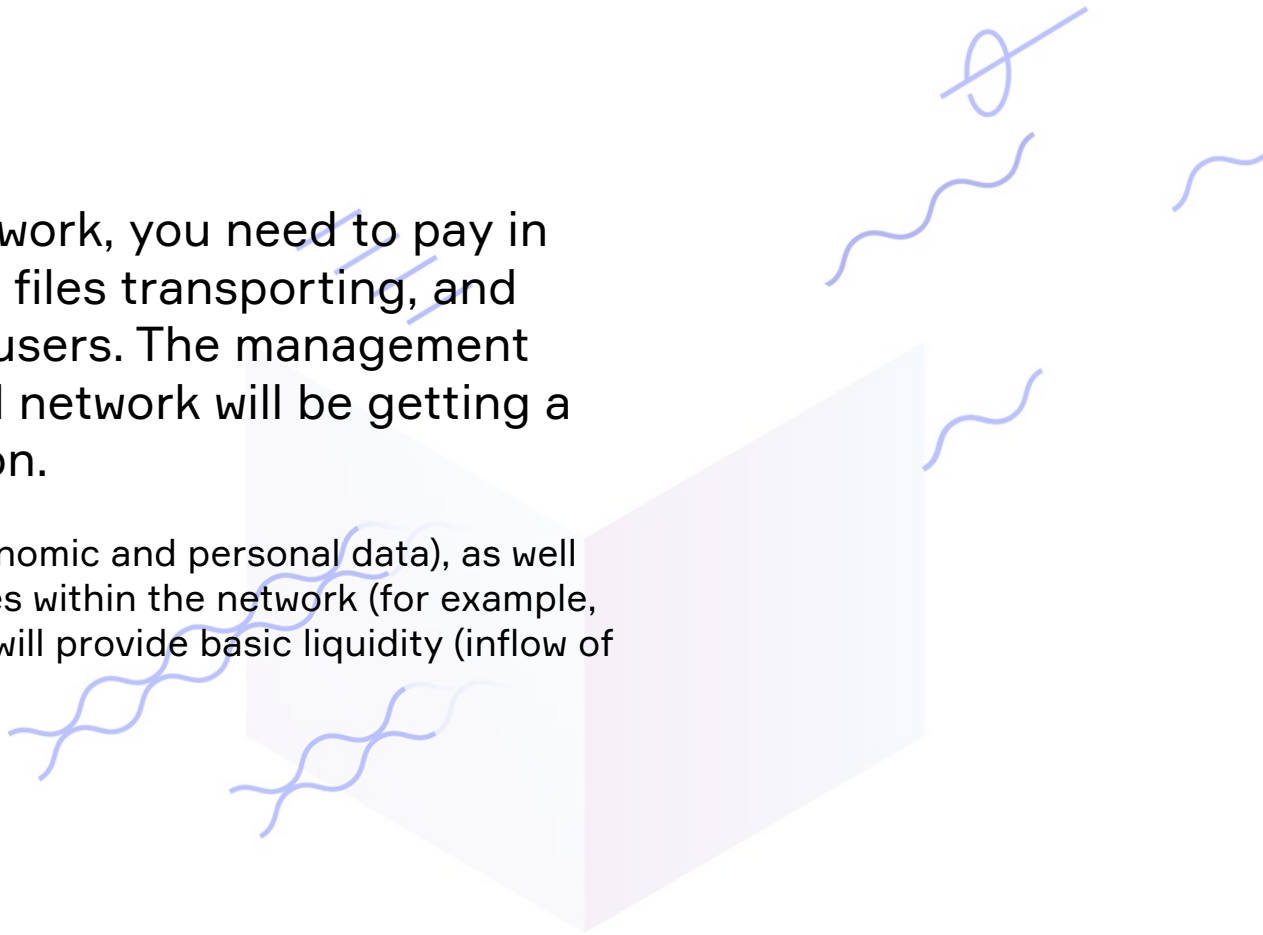
- Clinical trial to determine a biological link to people's taste

- GWAS
  identifying associated genetic markers

- A new recipe targeting "genetic haters"

MARMITE YEAST EXTRACT — RICH IN B VITAMINS • 100% VEGETARIAN

50% 👍

50% 👎

Known for producing a polarized "love/hate" reaction amongst consumers

Financial model

For all transactions in the Zenome network, you need to pay in ZNA tokens. Storage of genomic data, files transporting, and interpretation will be paid by network users. The management company of the Zenome decentralized network will be getting a fee (0.001-0.01%) from each transaction.

At the same time, major companies (buyers of genomic and personal data), as well as individual users, who want to purchase services within the network (for example, to receive a genetic test, report or consultation) will provide basic liquidity (inflow of fiat money).

Financial expectations

Soft cap:
350 000 USD

Hard cap:
1 150 000 USD

Private round minimal fee:
50 000 USD

Private round maximum fee:
500 000 USD

Funds accepted in:
BTC and ETH

Press about us & partners

zenome

Press about us

genomeweb

CCN

TNW

Entrepreneur

COINTELEGRAPH

CRYPTONEWS
powered by oracle times

CRYPTONEWS
powered by oracle times

THE CONVERSATION

HACKED

GIZMODO

THE CONVERSATION

The Independent Republic

WIRED

Nasdaq

TheScientist

Partners

Skoltech
Skolkovo Institute of Science and Technology

SelfDecode

PROGEN

Learn more on zenome.io →